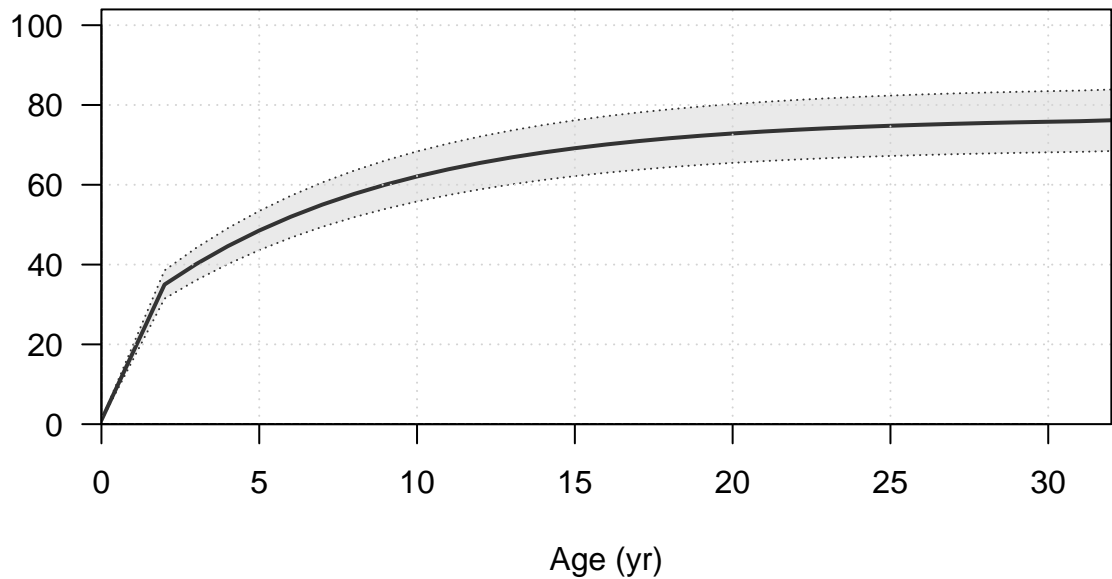


Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Mon Aug 29 19:33:05 2022  
Data\_File: data.ss  
Control\_File: control.ss

Length (cm, beginning of the year)



























Fecundity



Fecundity



Spawning output

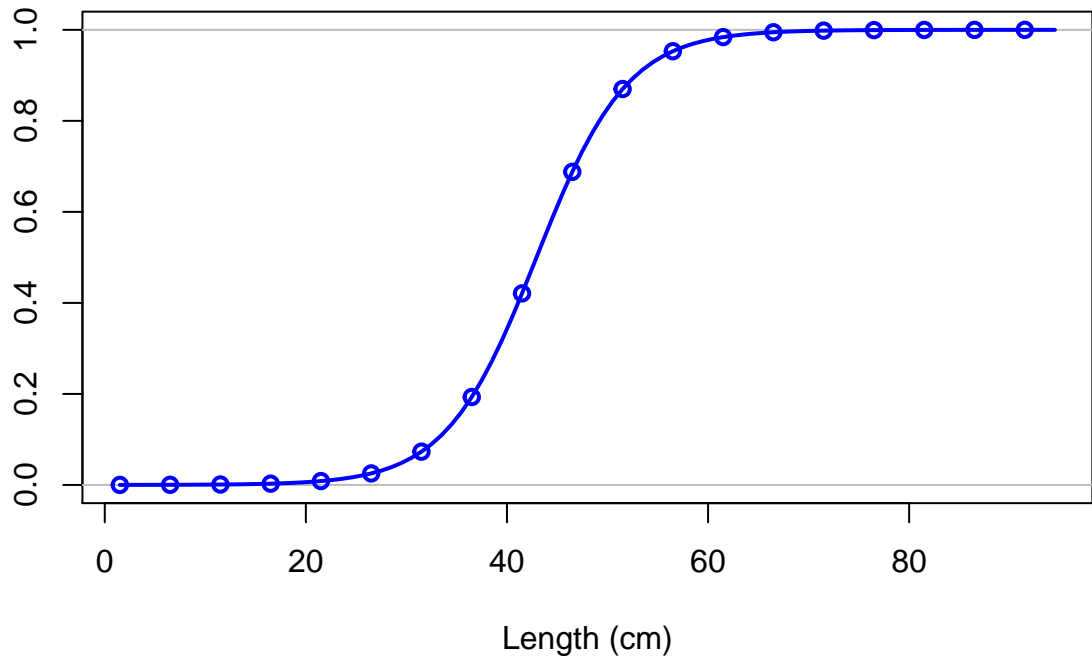




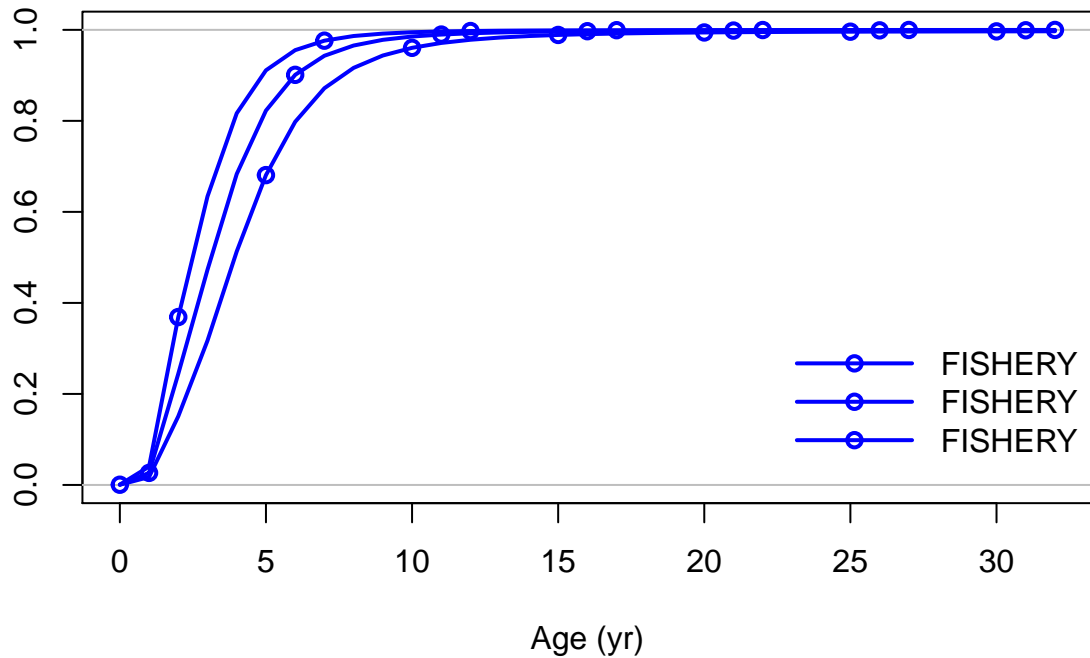
Spawning output



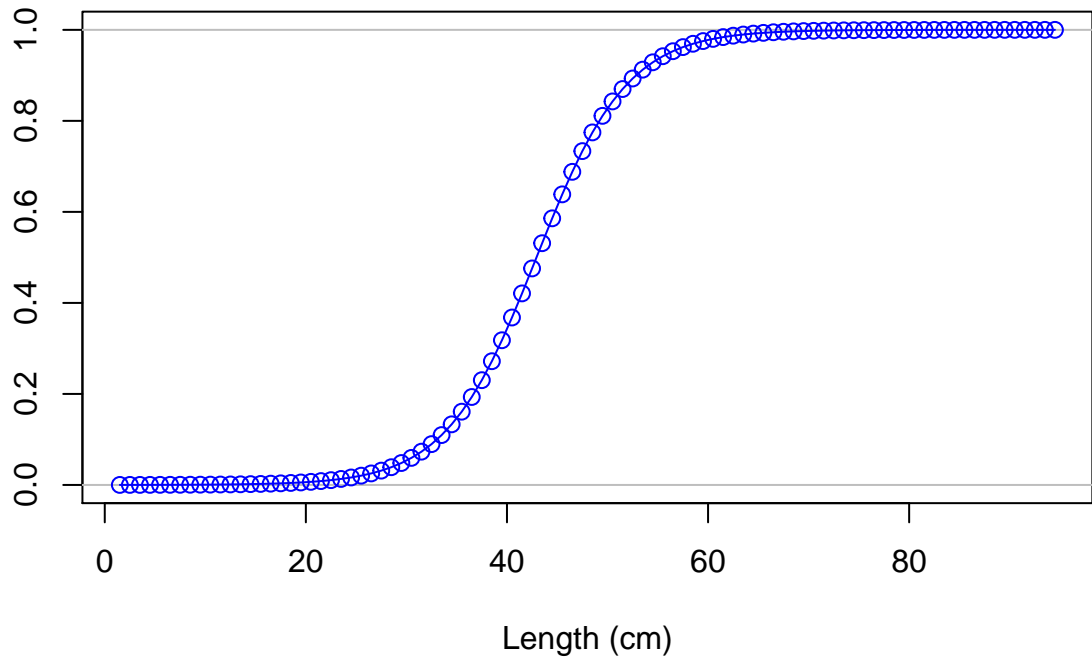
Selectivity

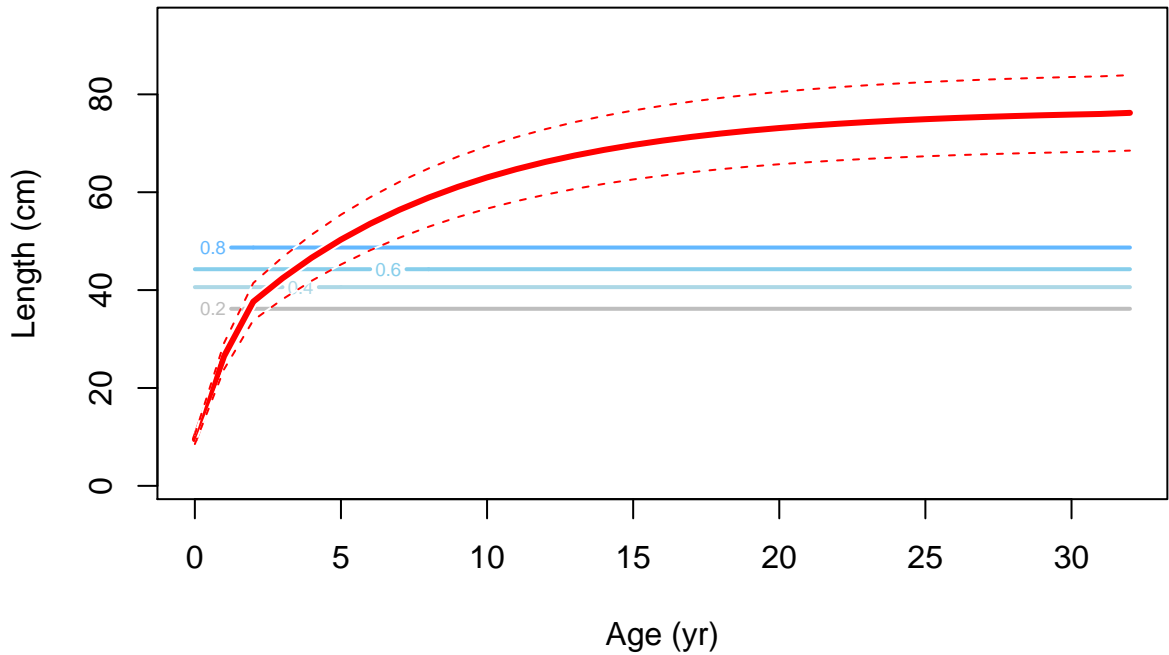


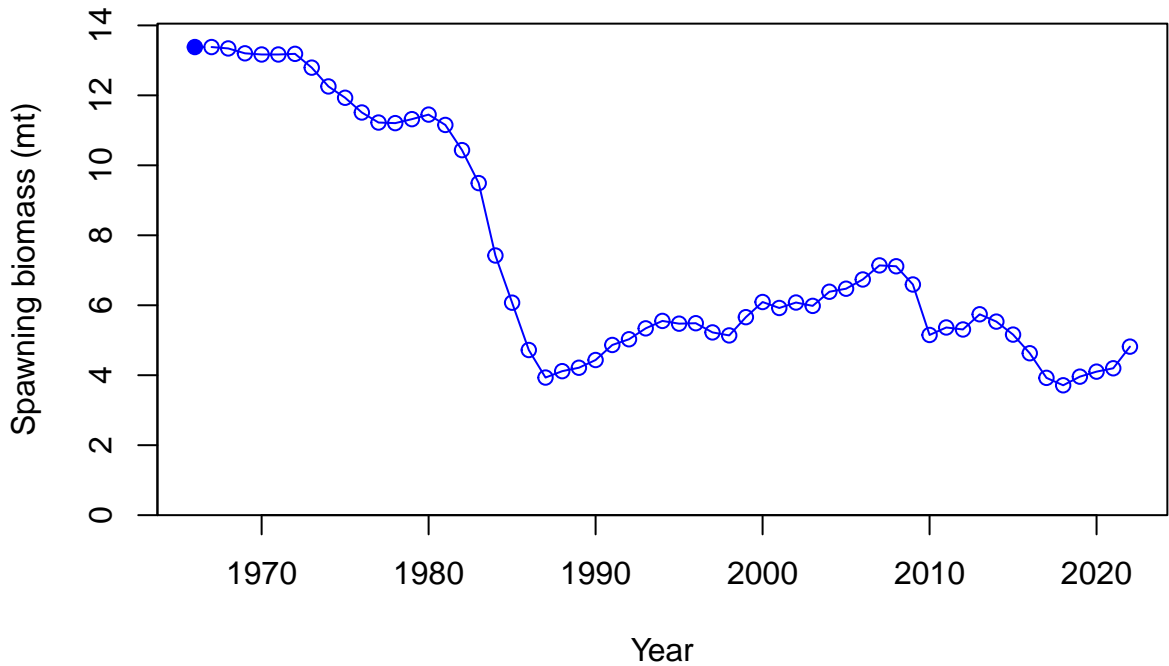
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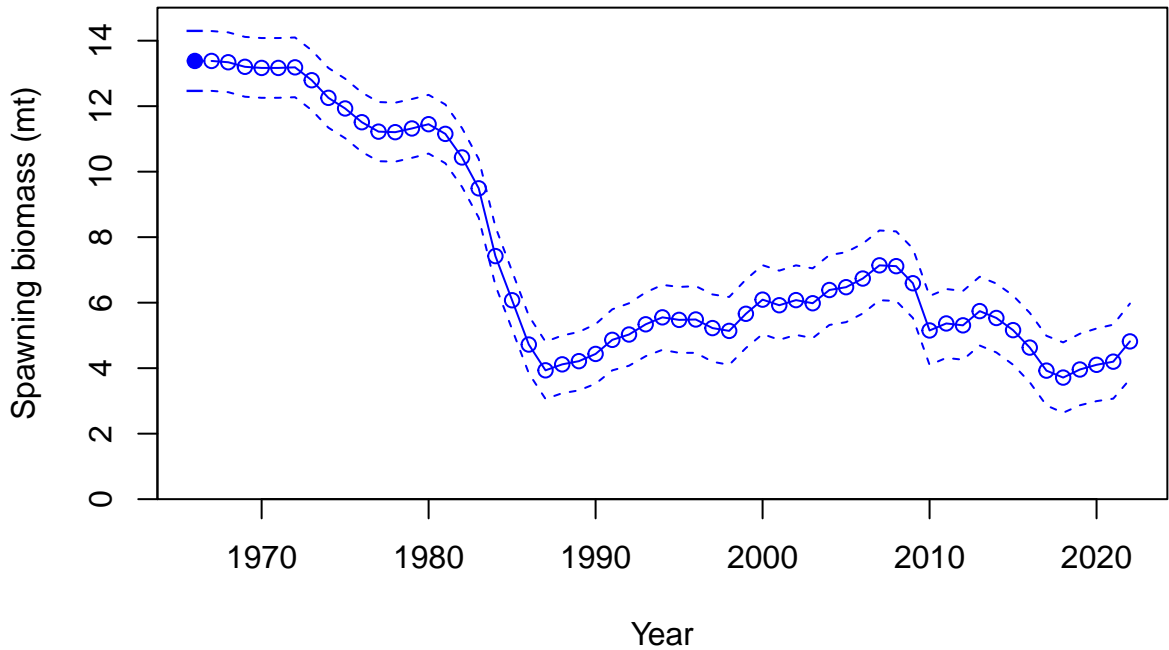


Selectivity

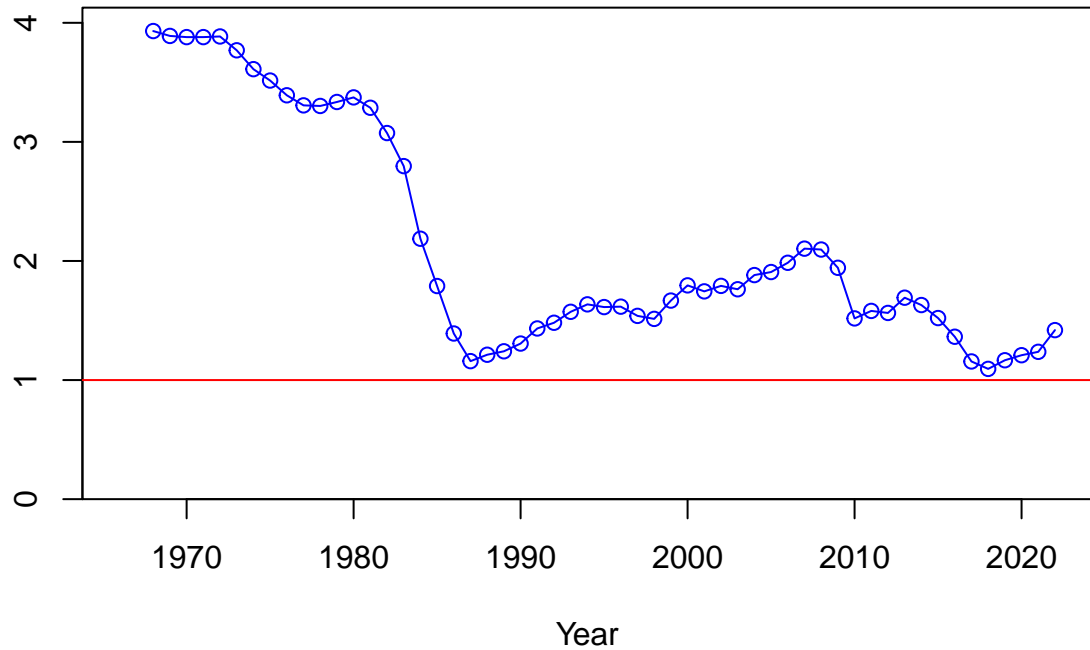






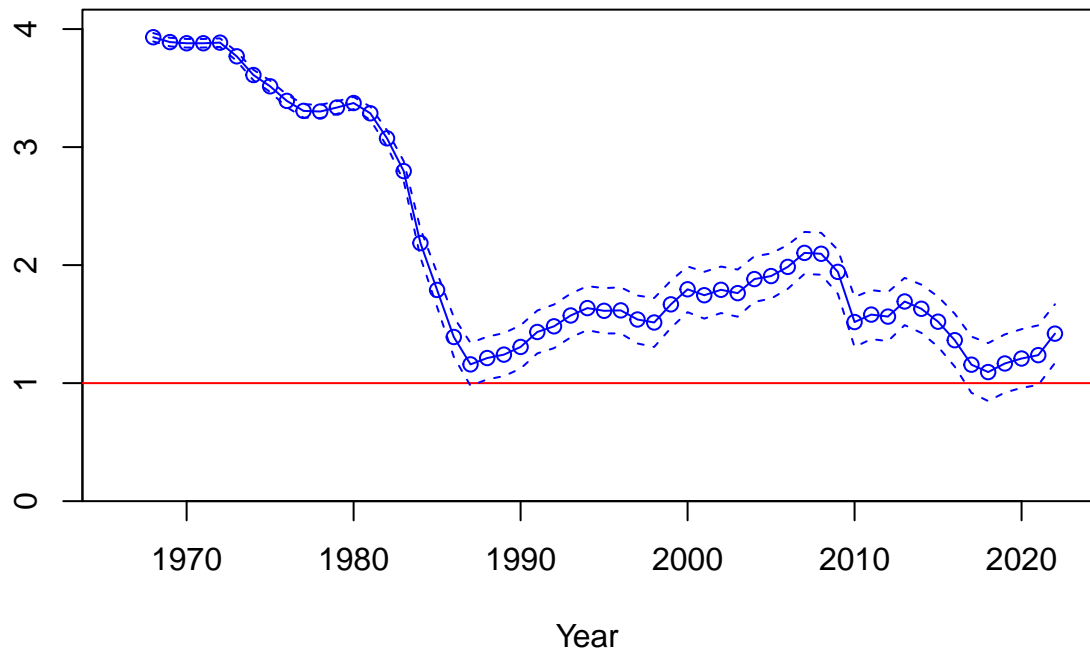


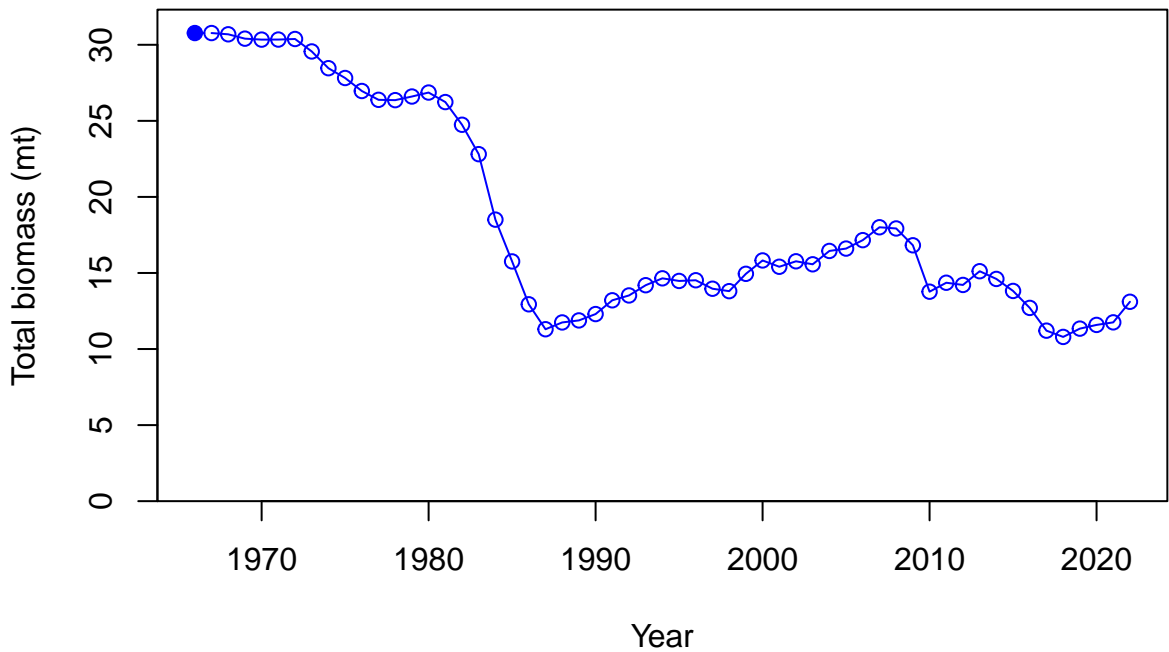
Relative spawning biomass:  $B/B_{MSY}$

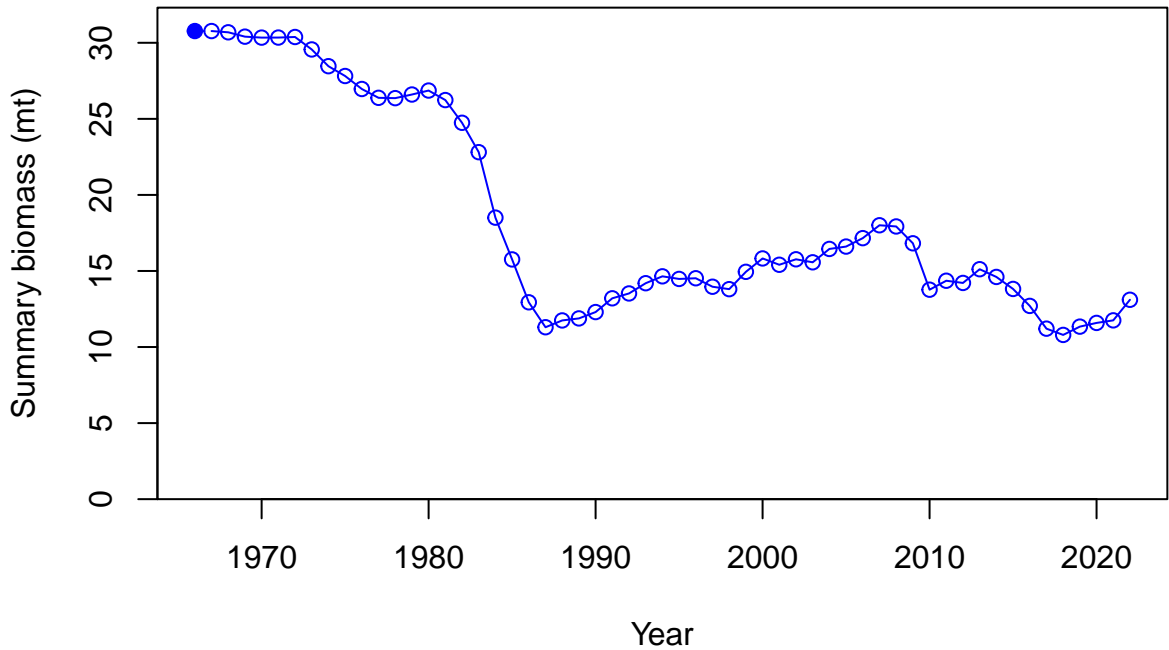


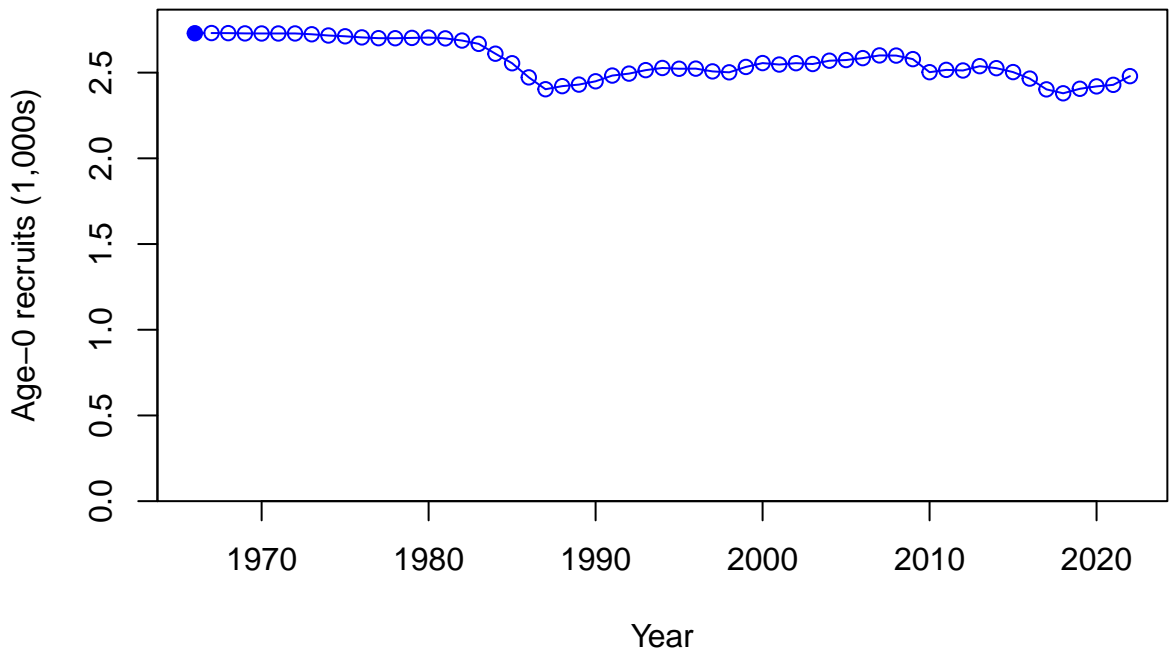


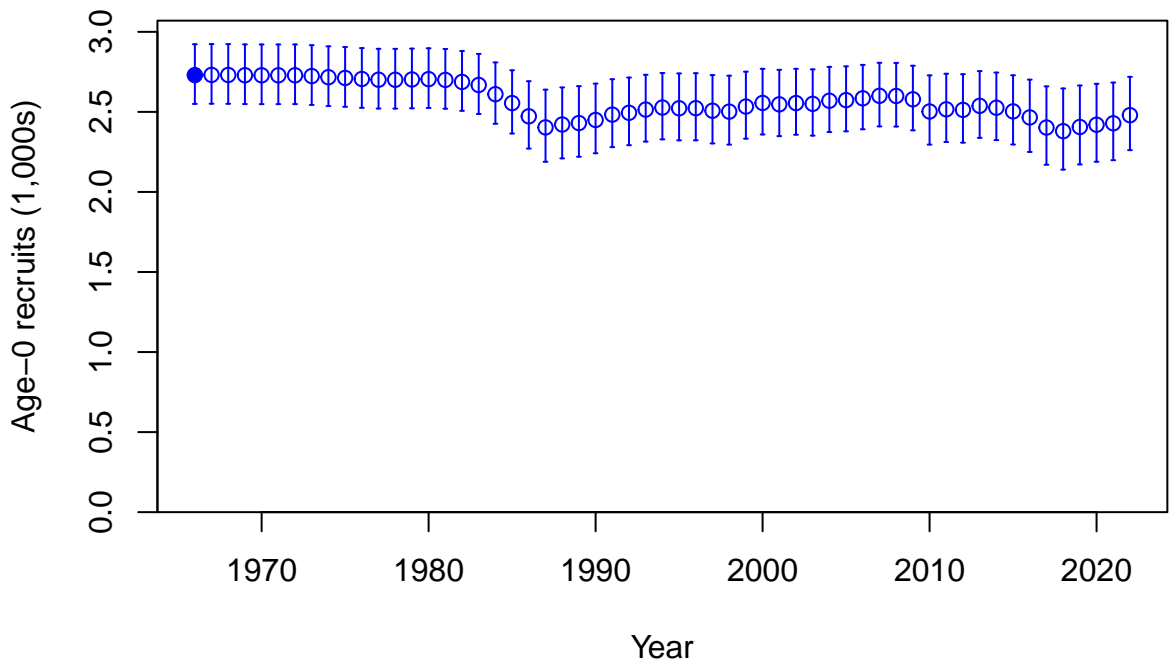
Relative spawning biomass:  $B/B_{MSY}$



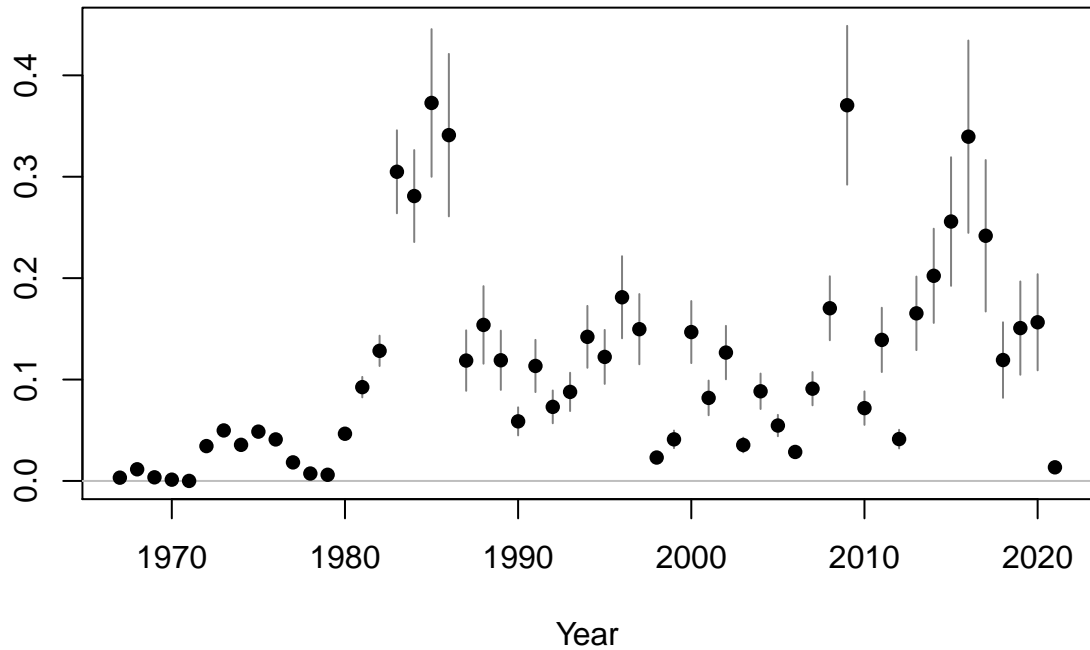


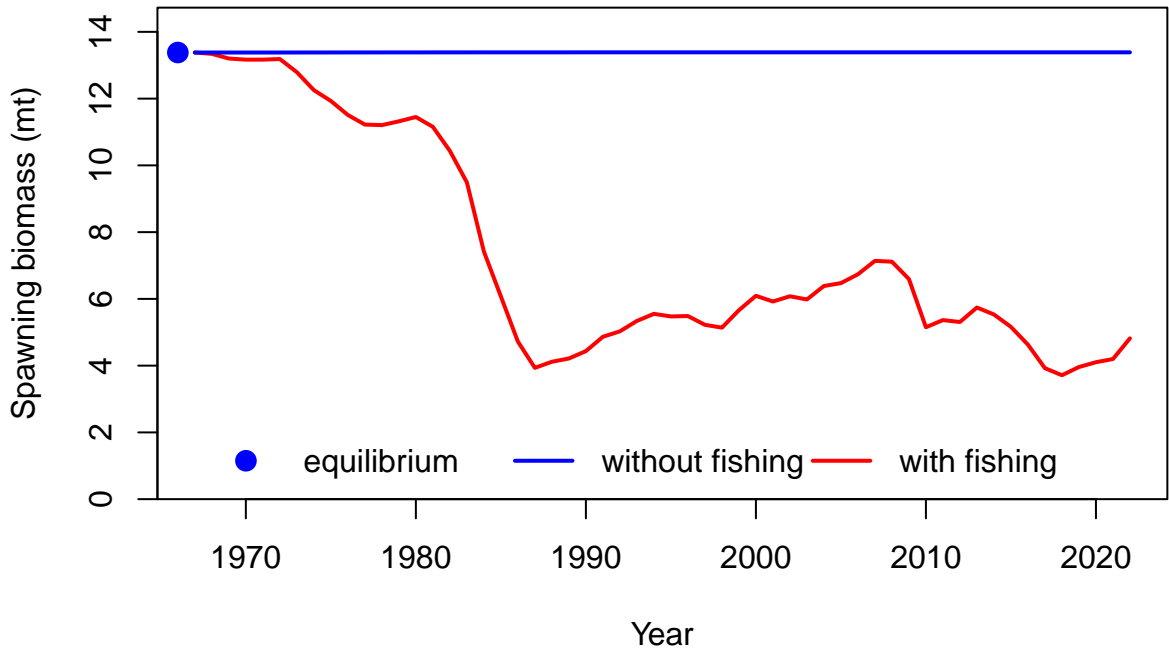


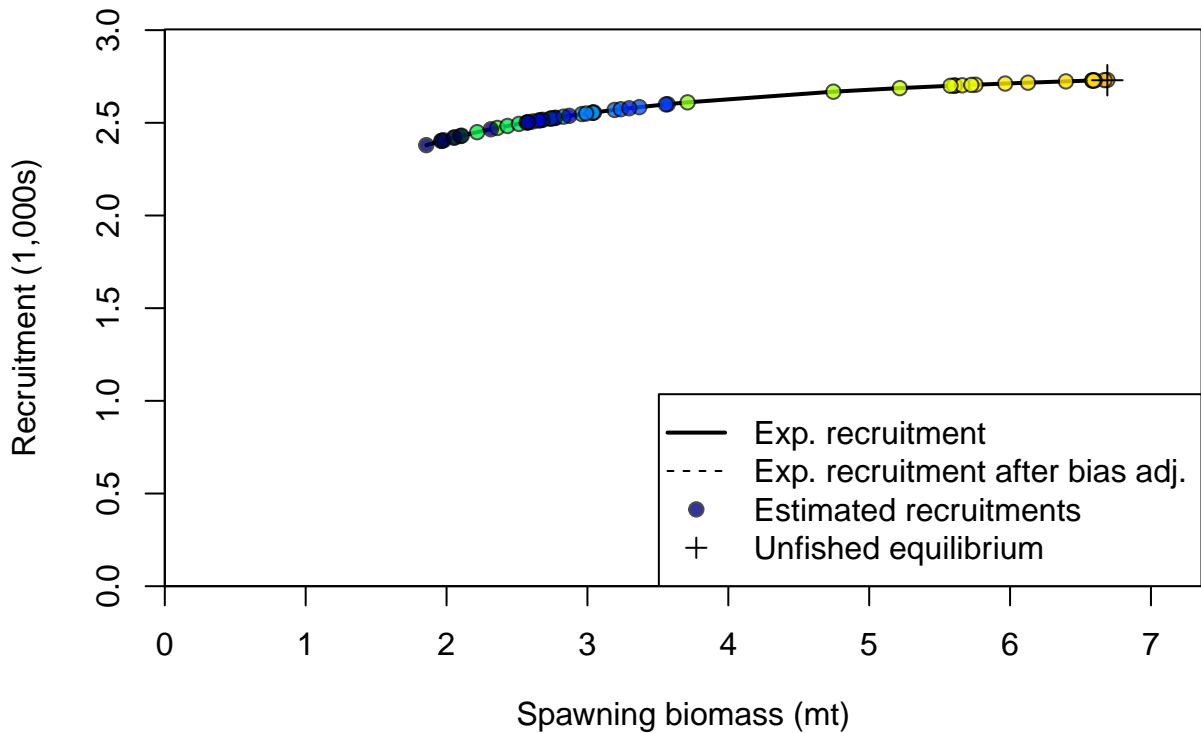




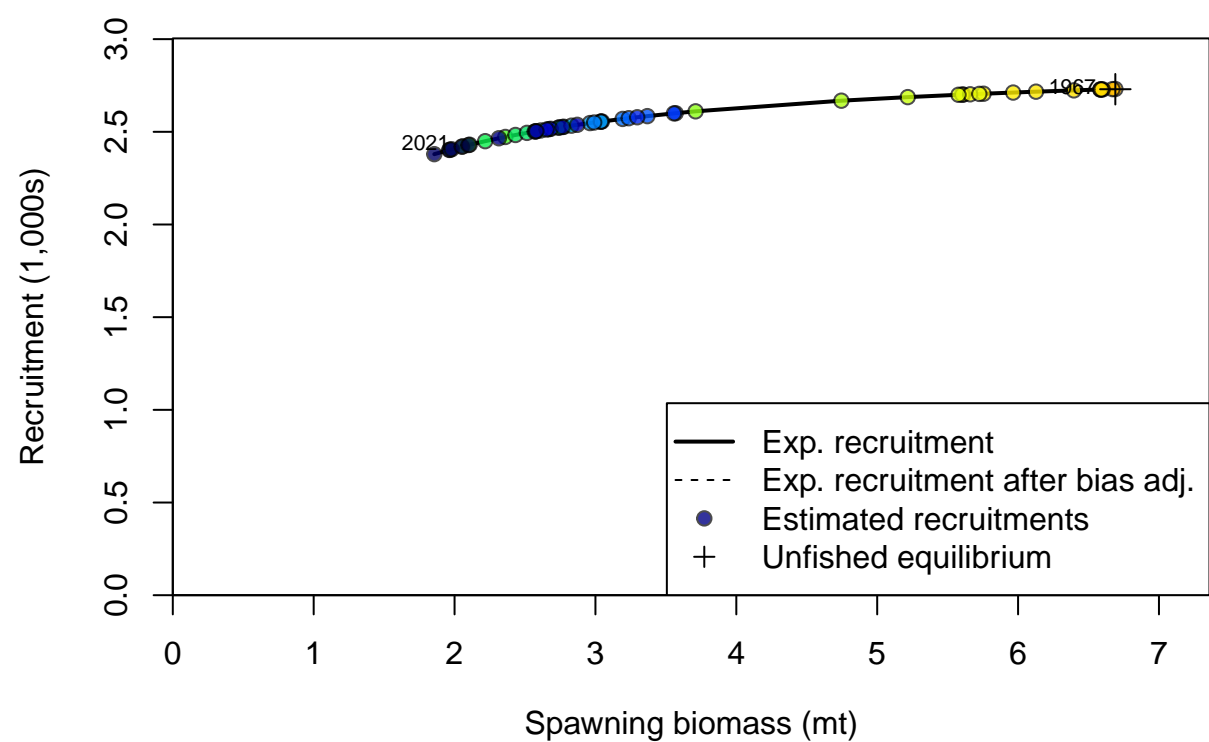
Summary Fishing Mortality

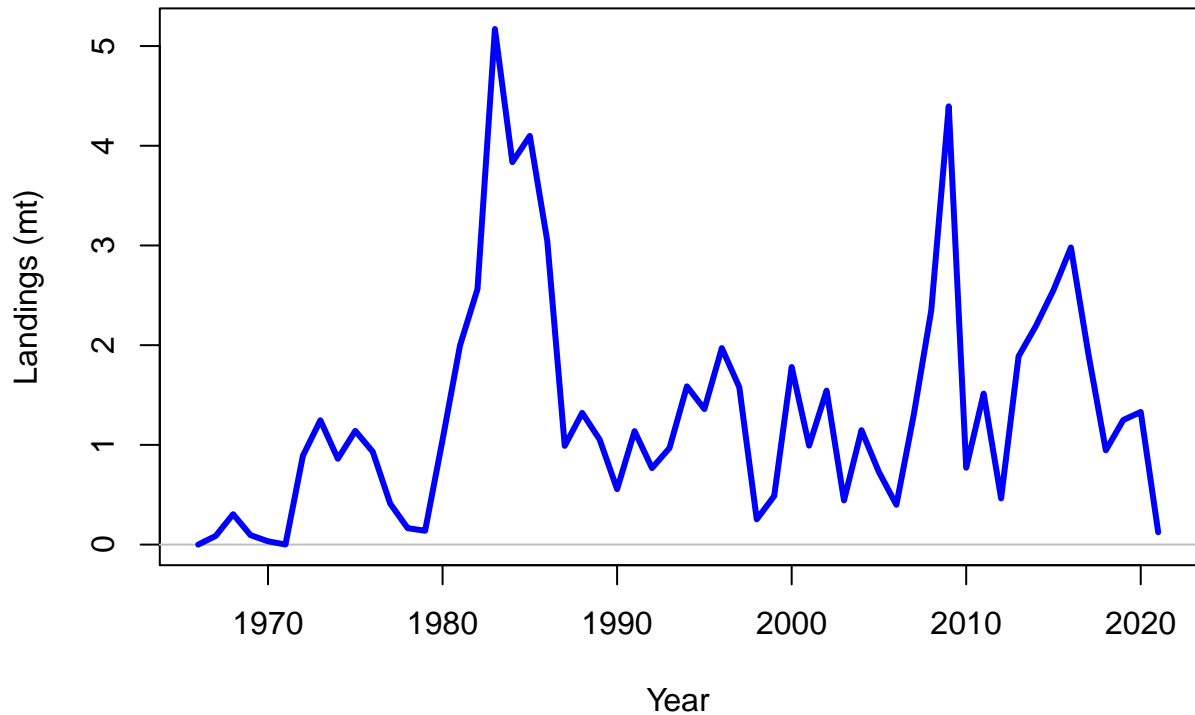


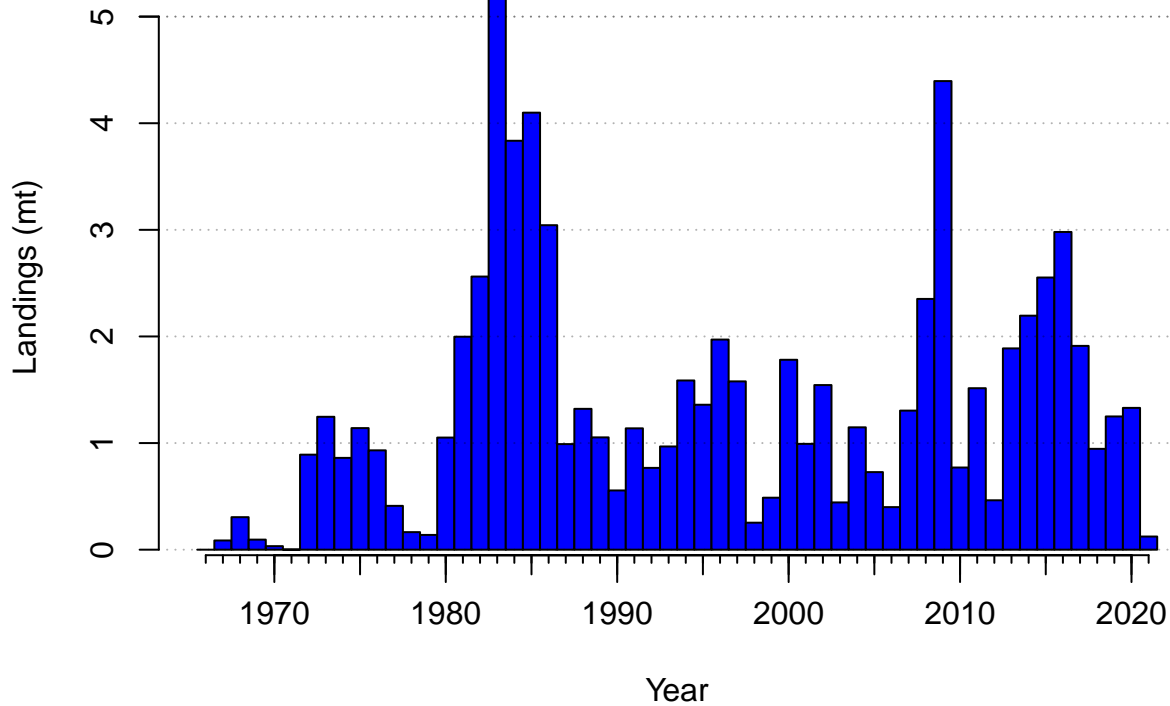


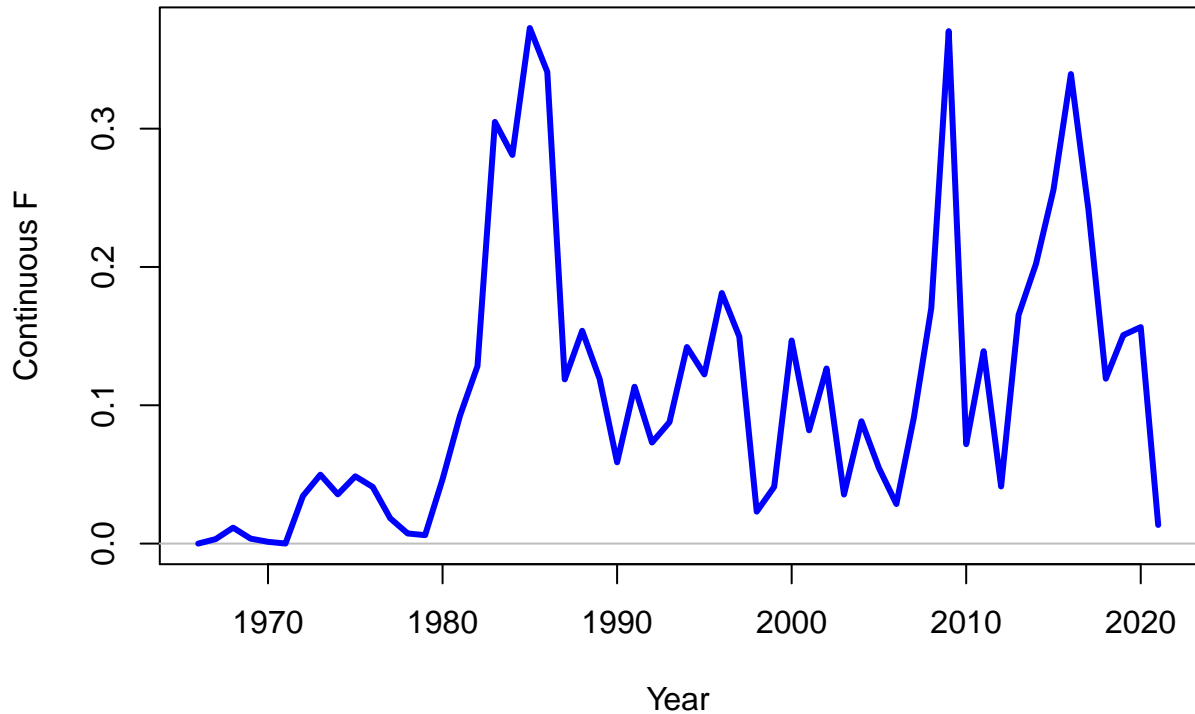




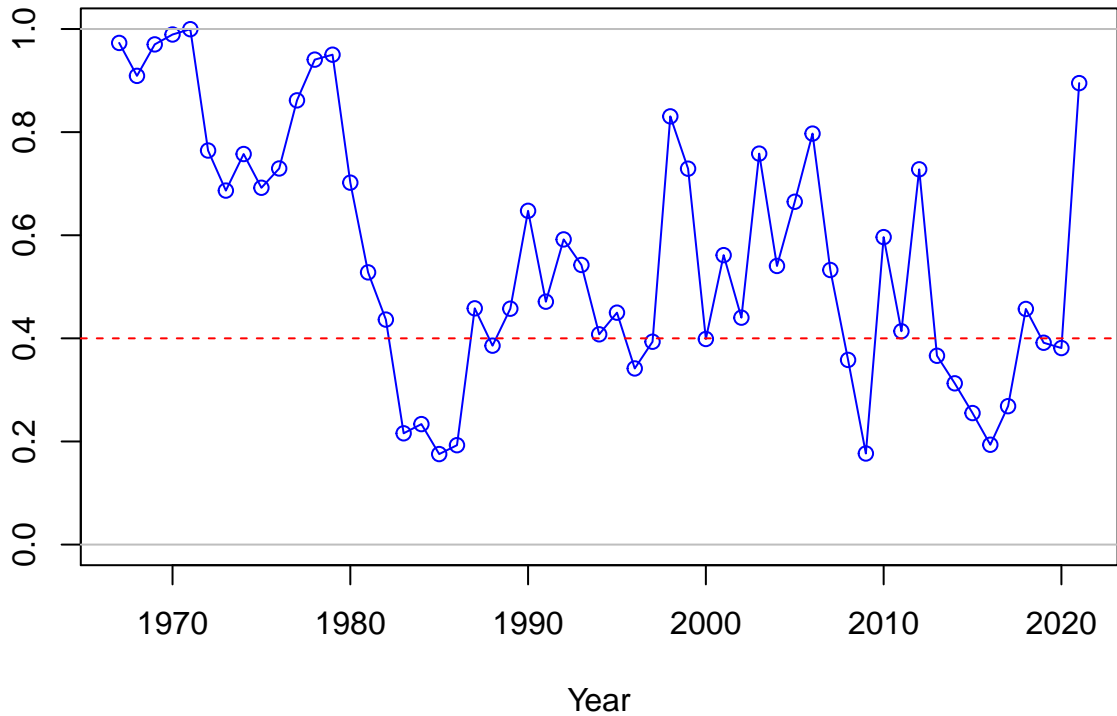


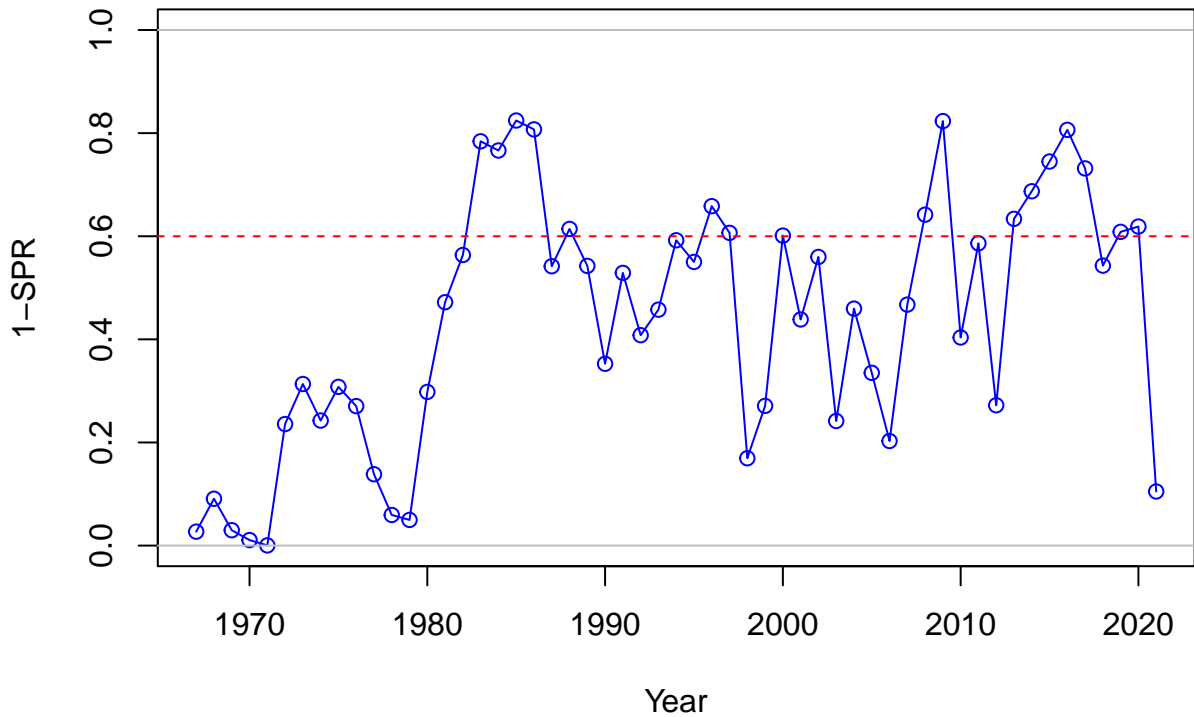




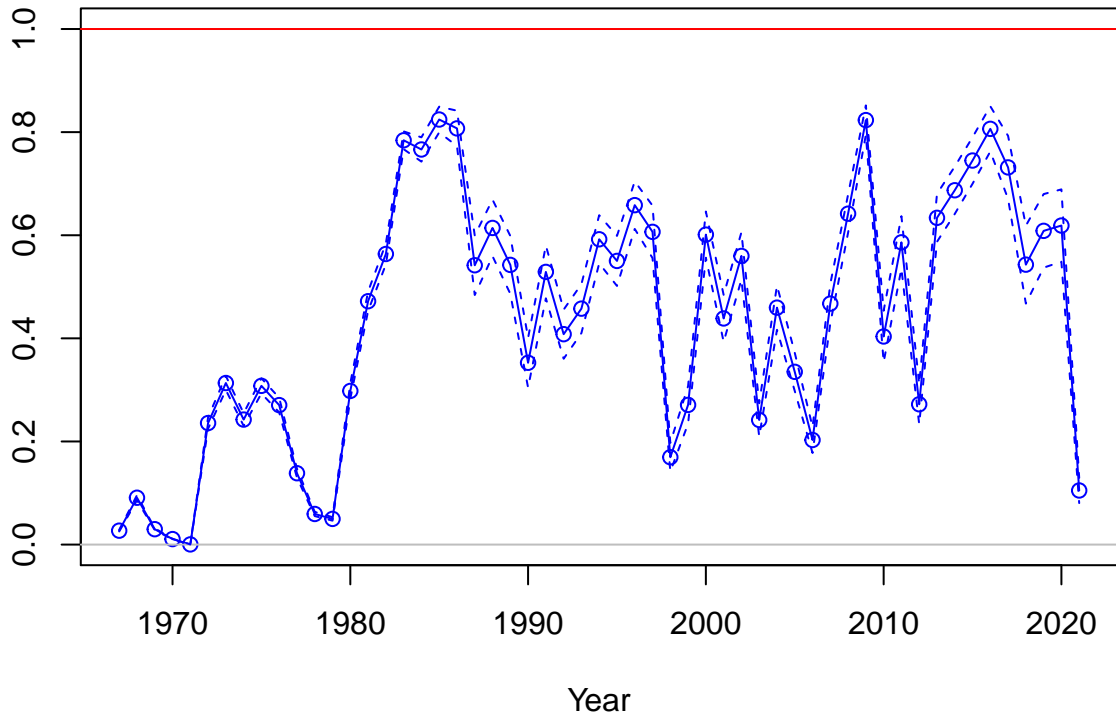


SPR

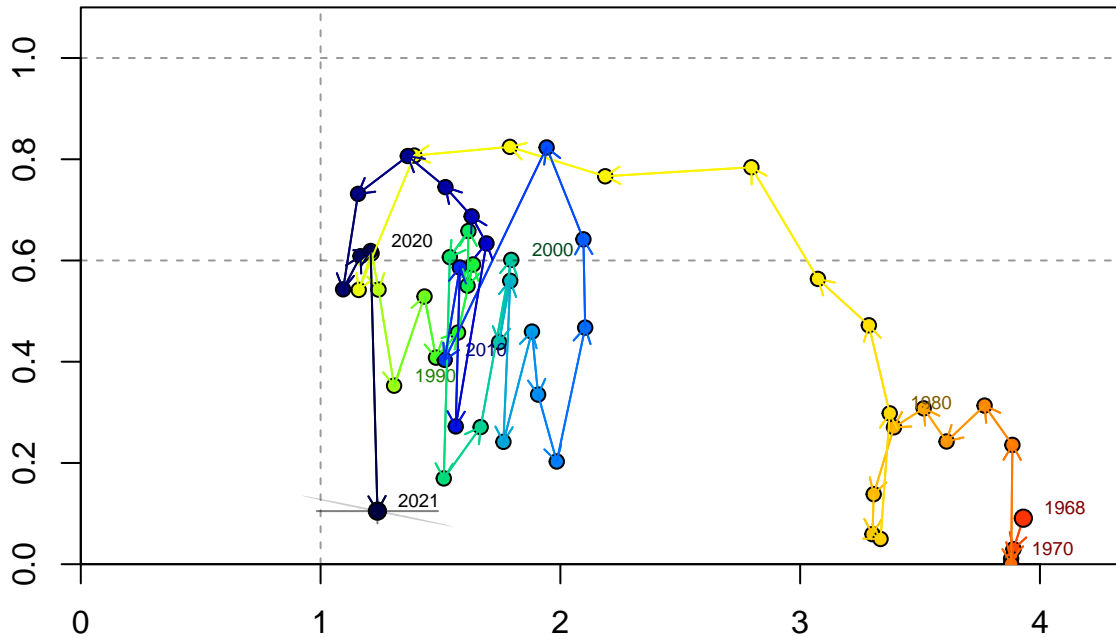




Fishing intensity: 1-SPR



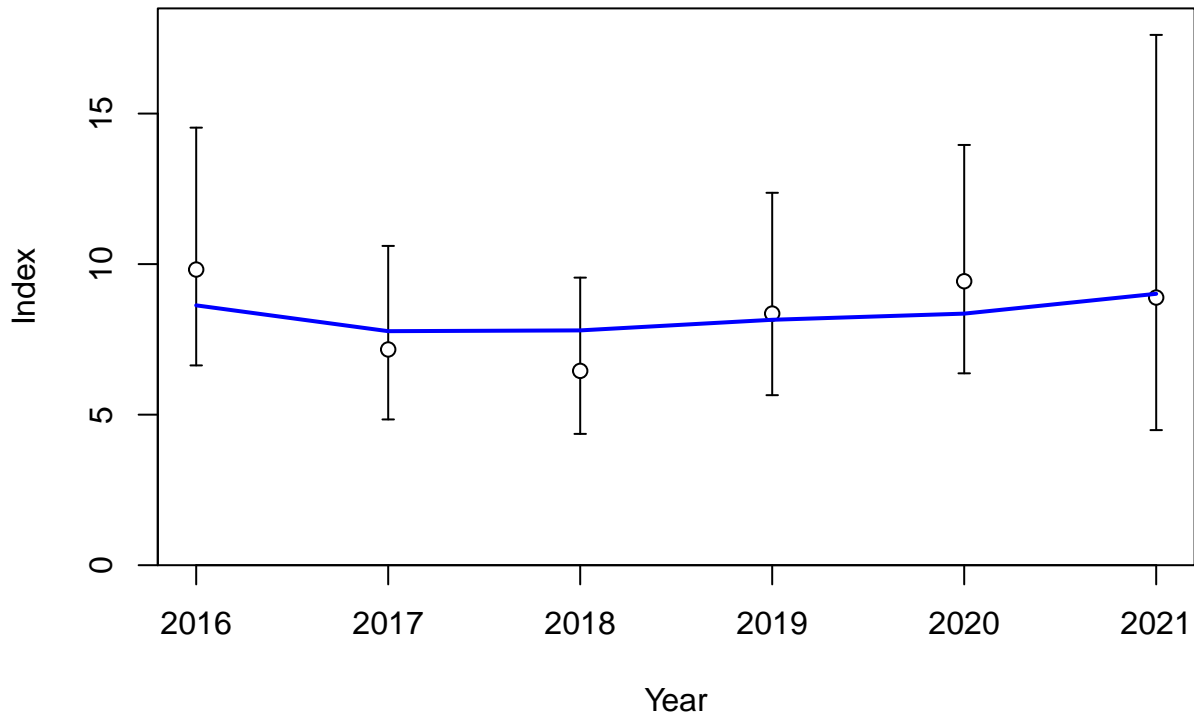
Fishing intensity: 1-SPR

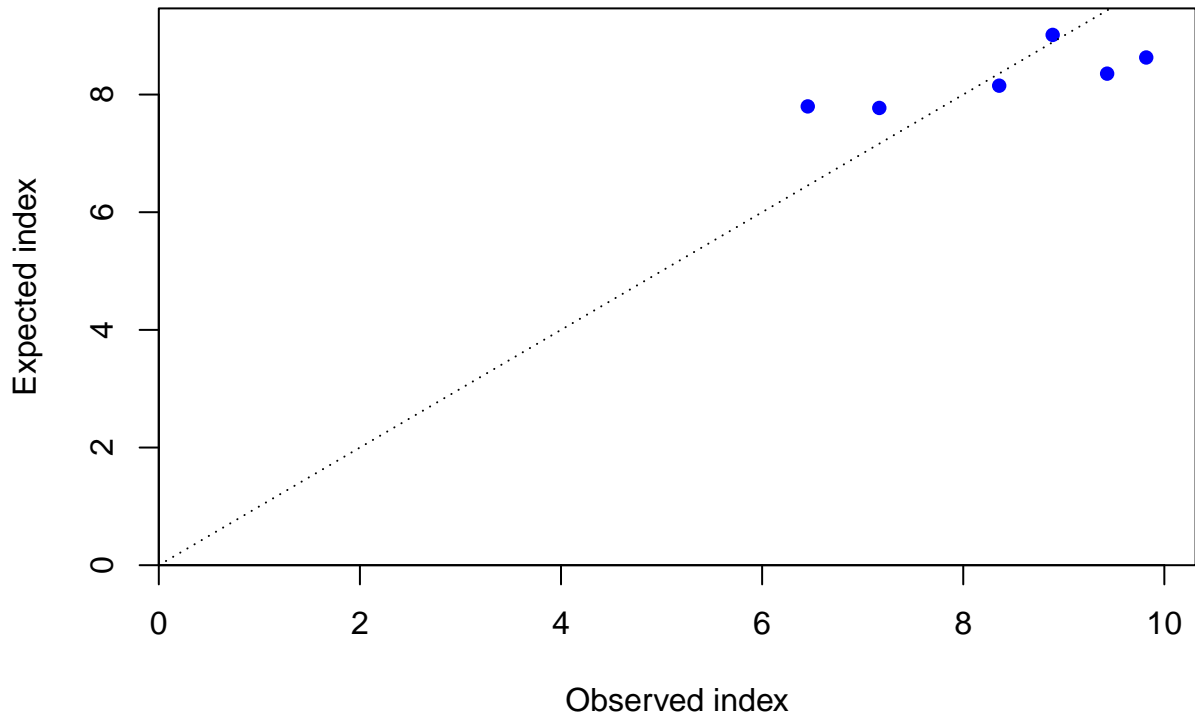


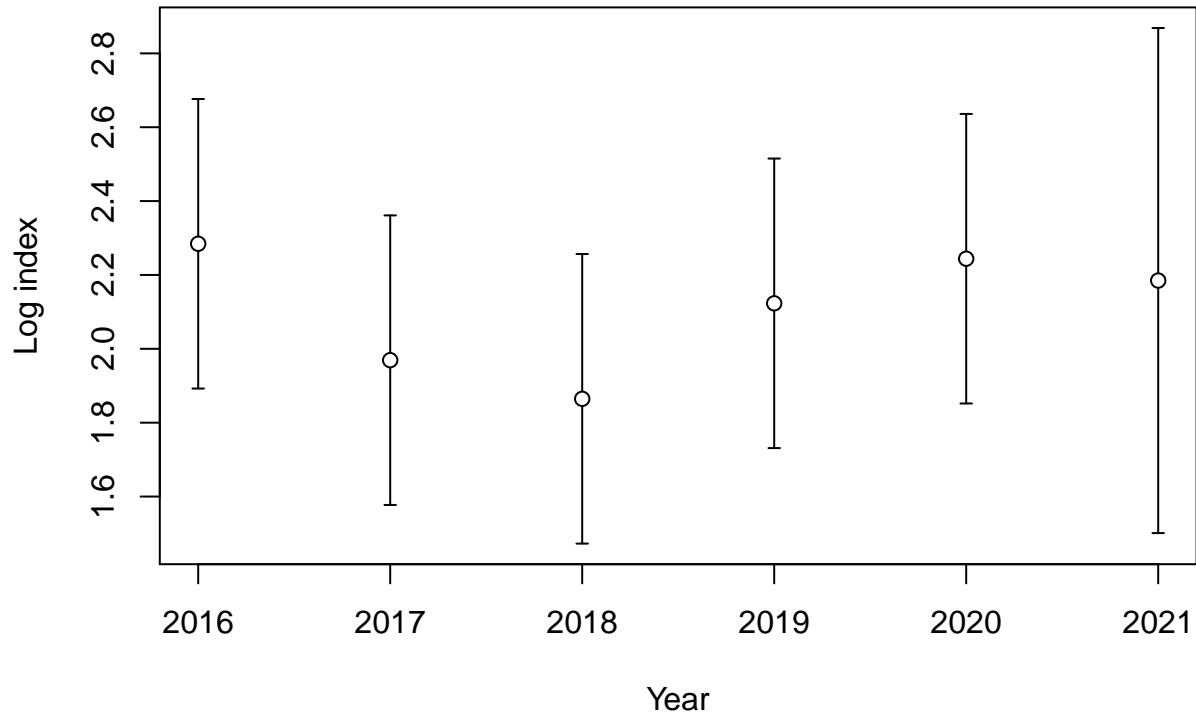
Relative spawning output:  $B/B_{MSY}$

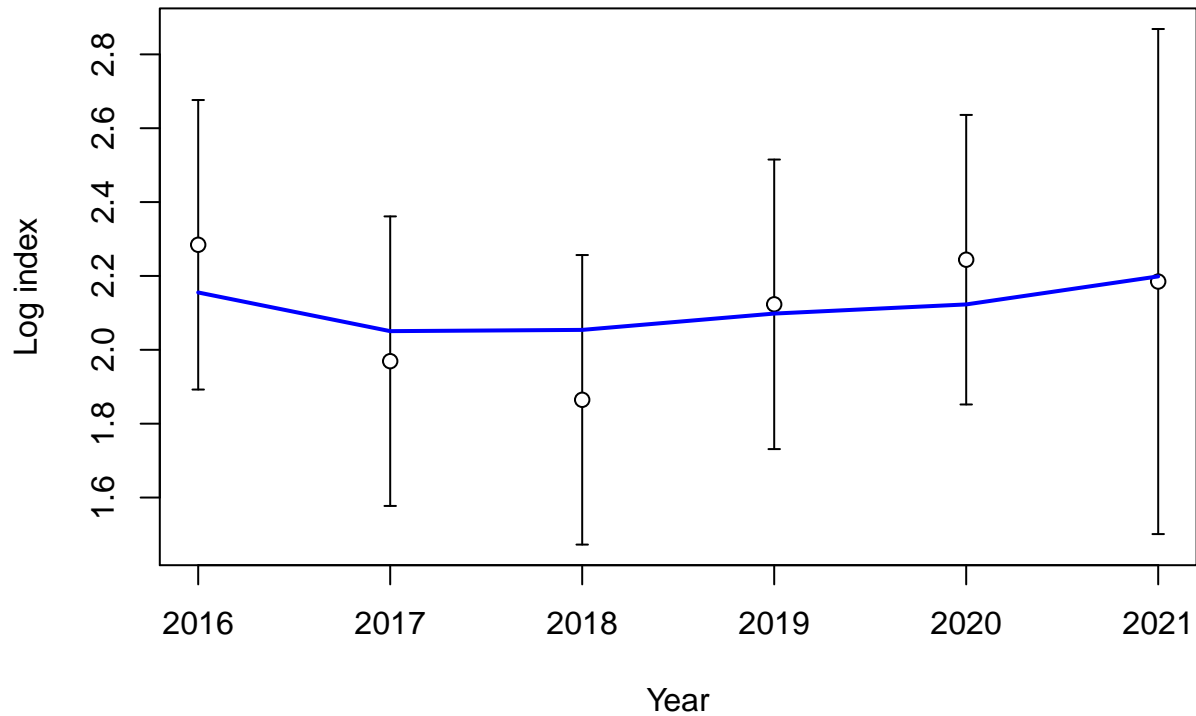




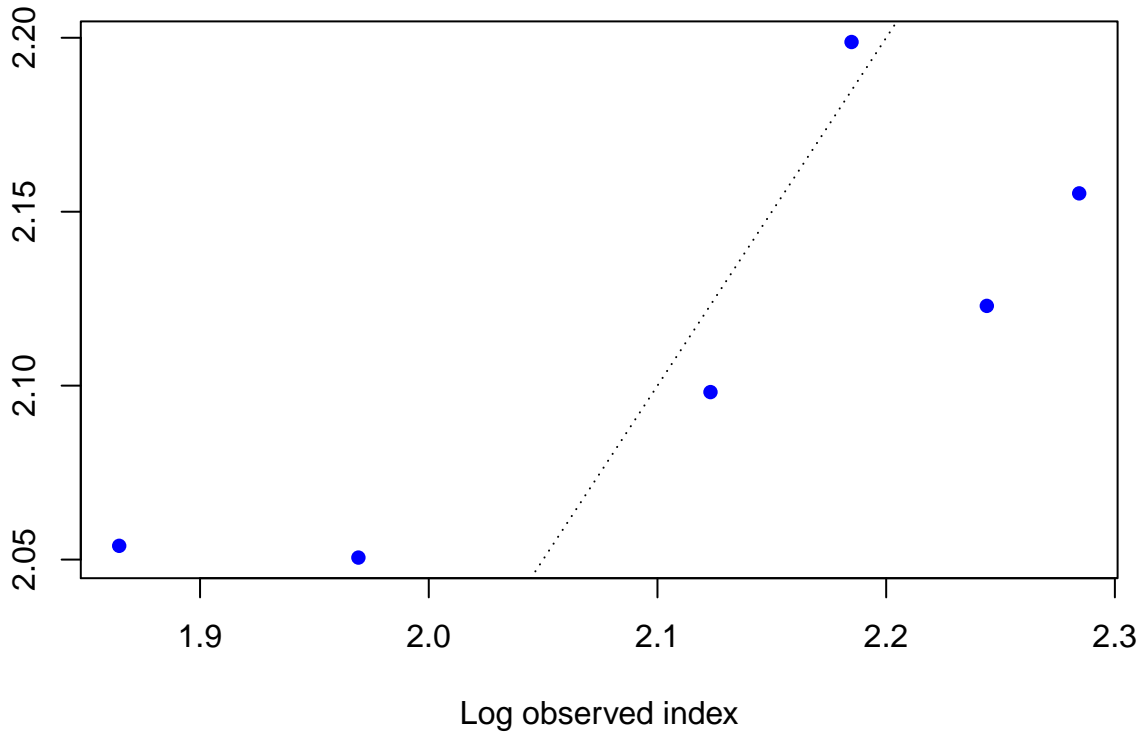


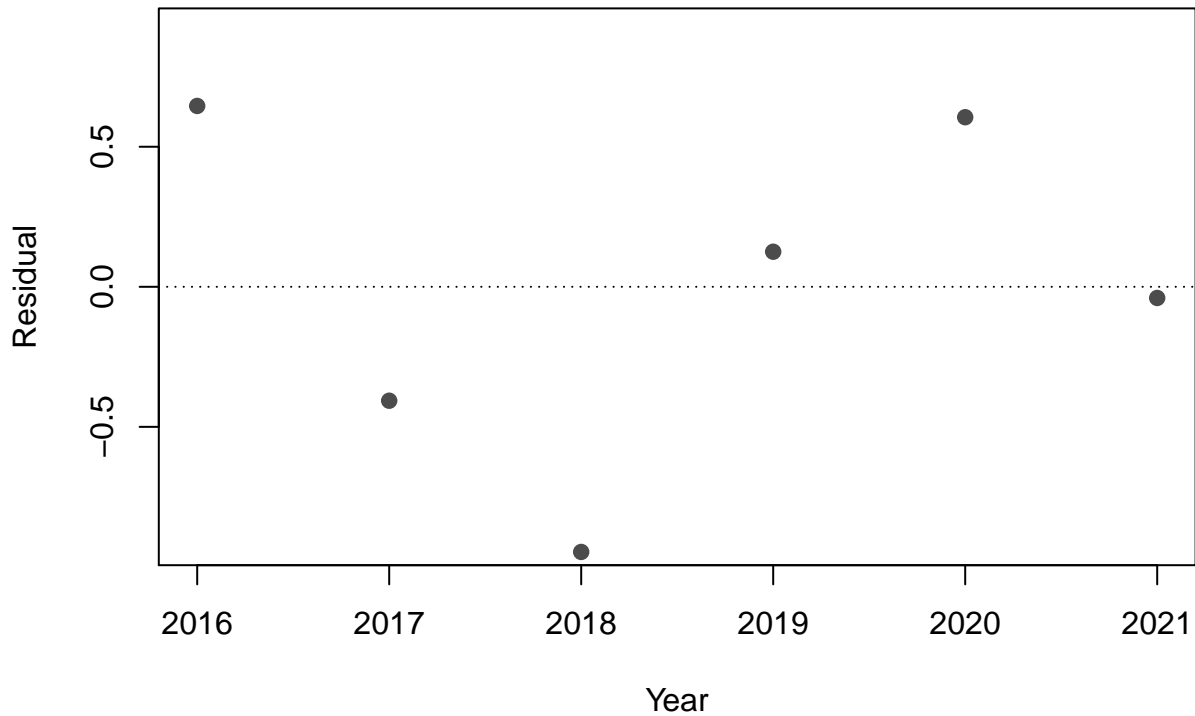


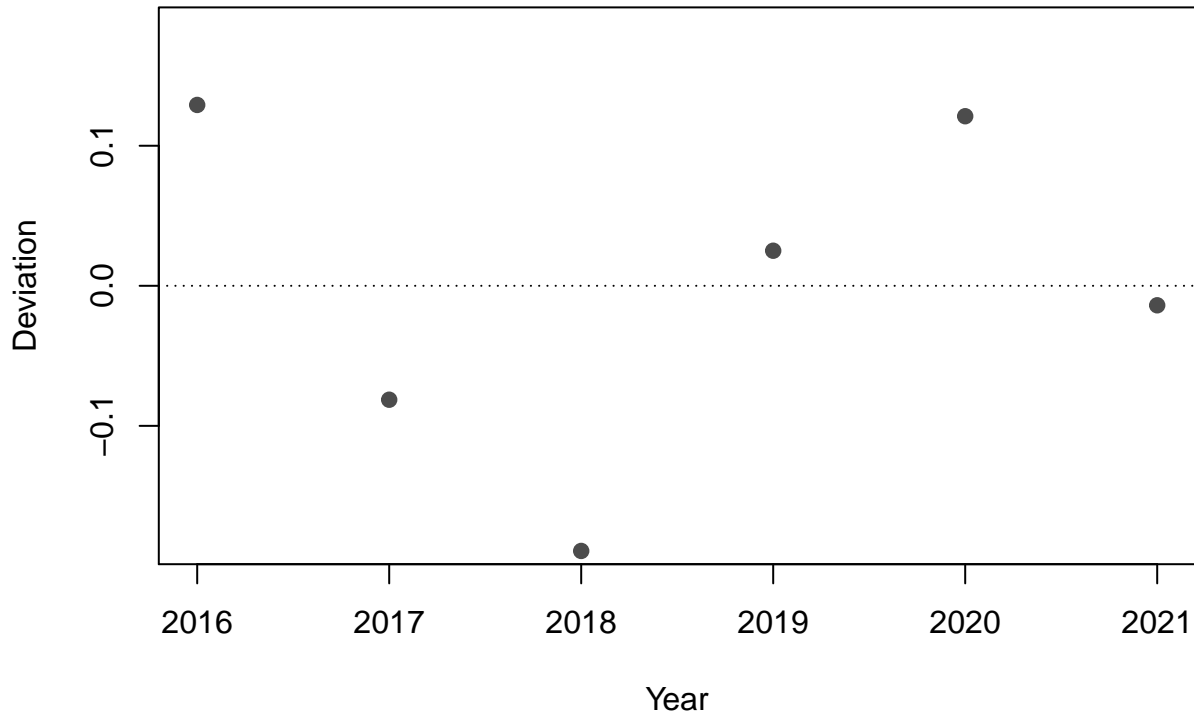




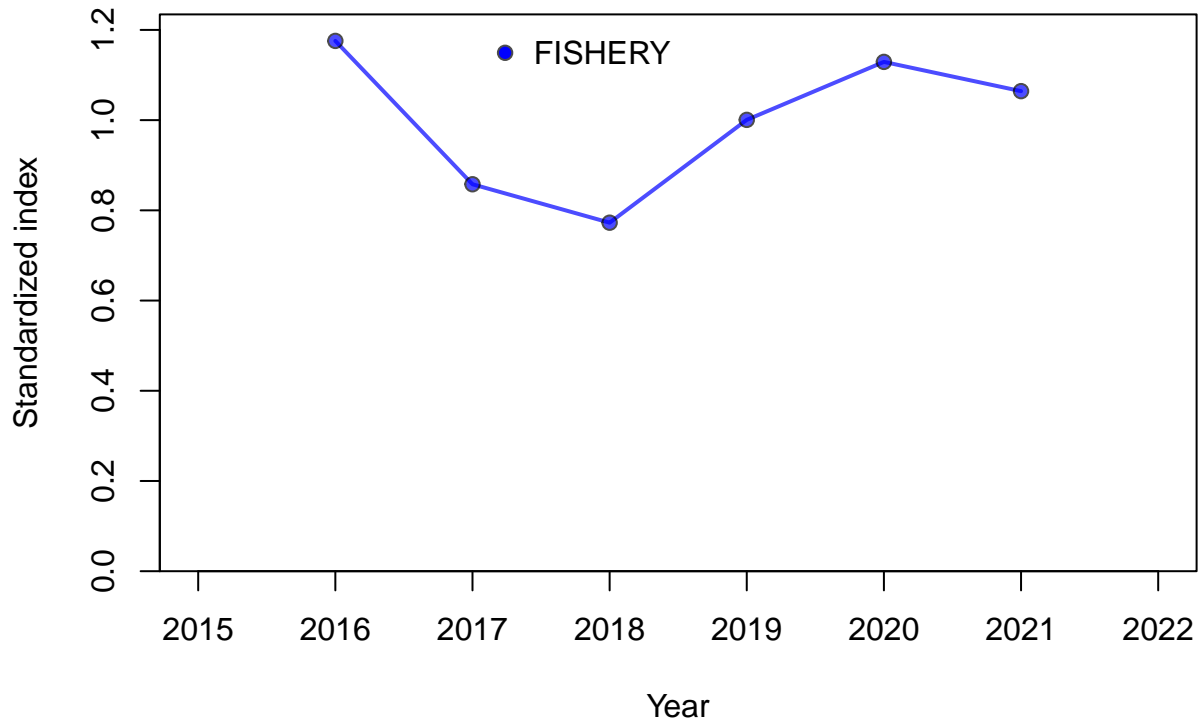
Log expected index

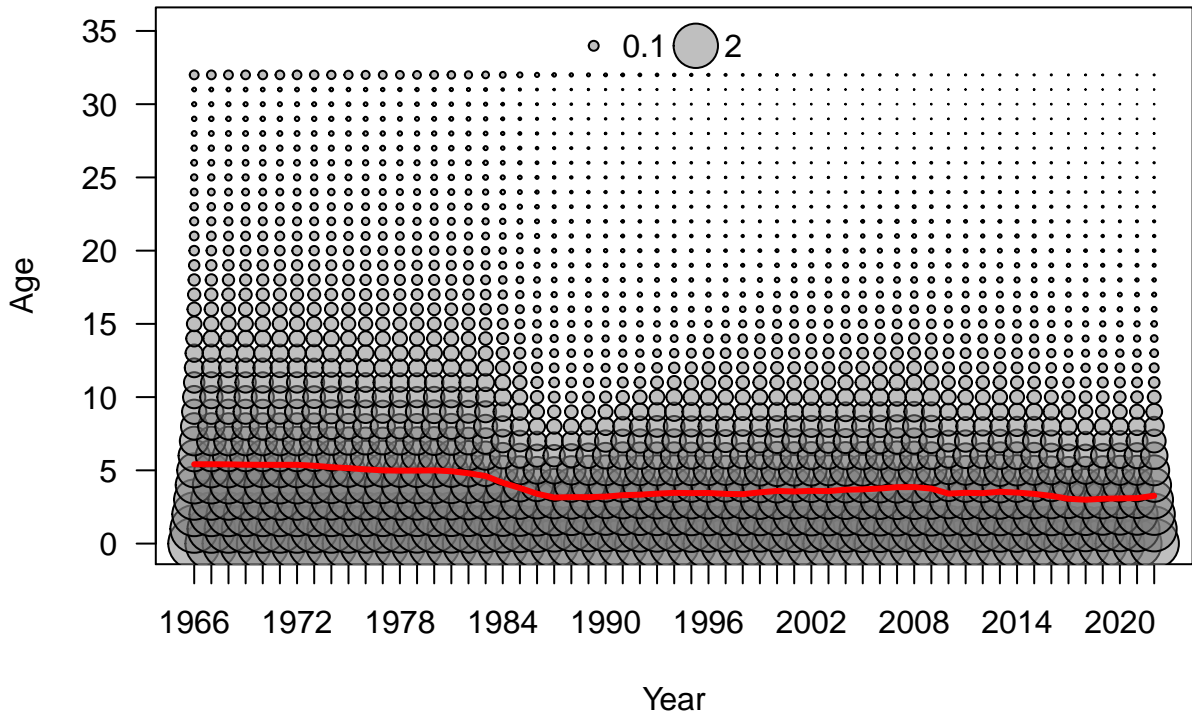


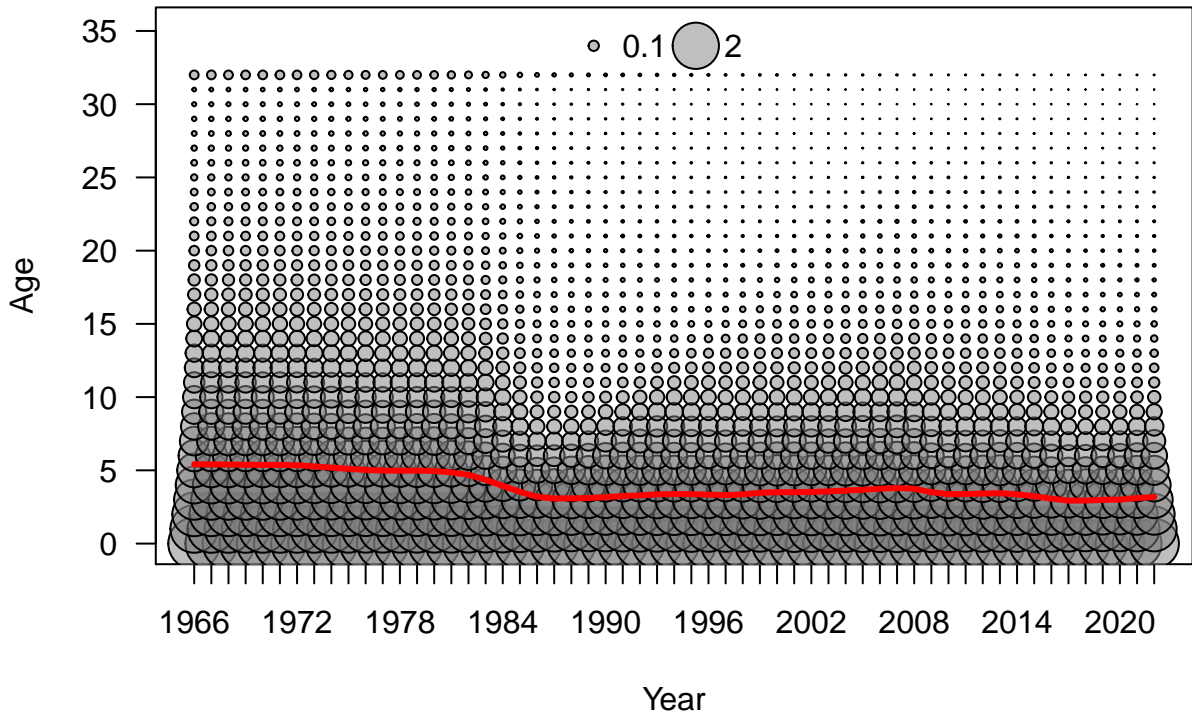


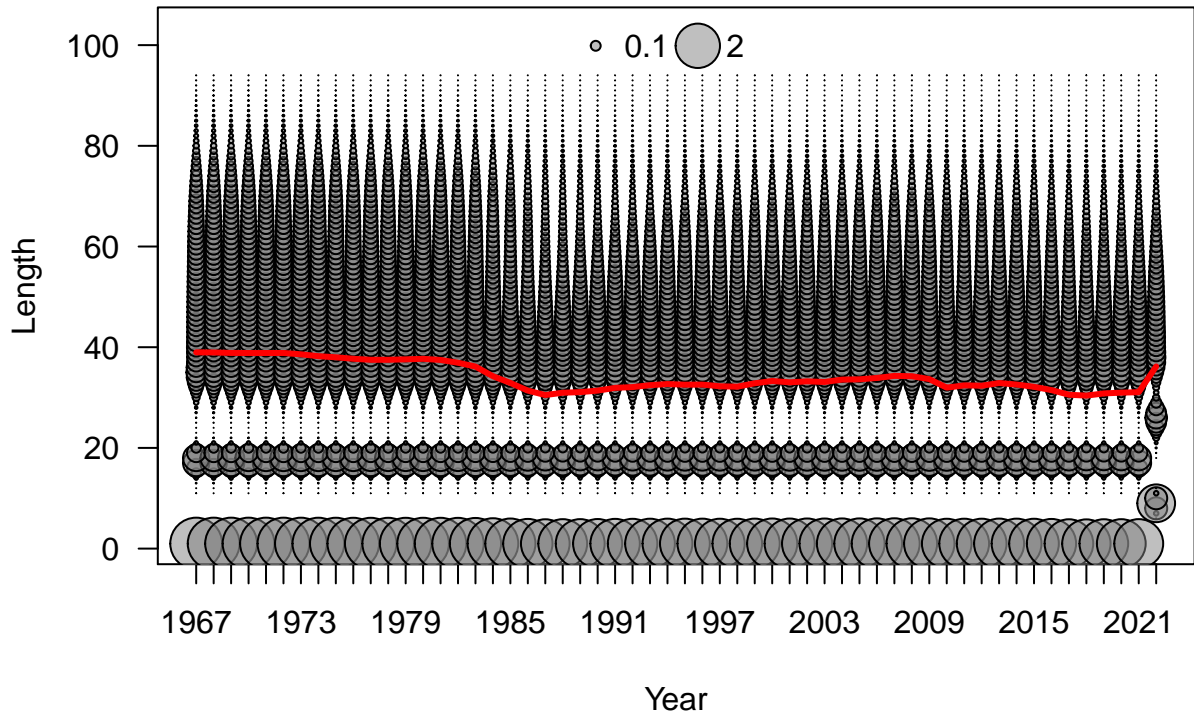


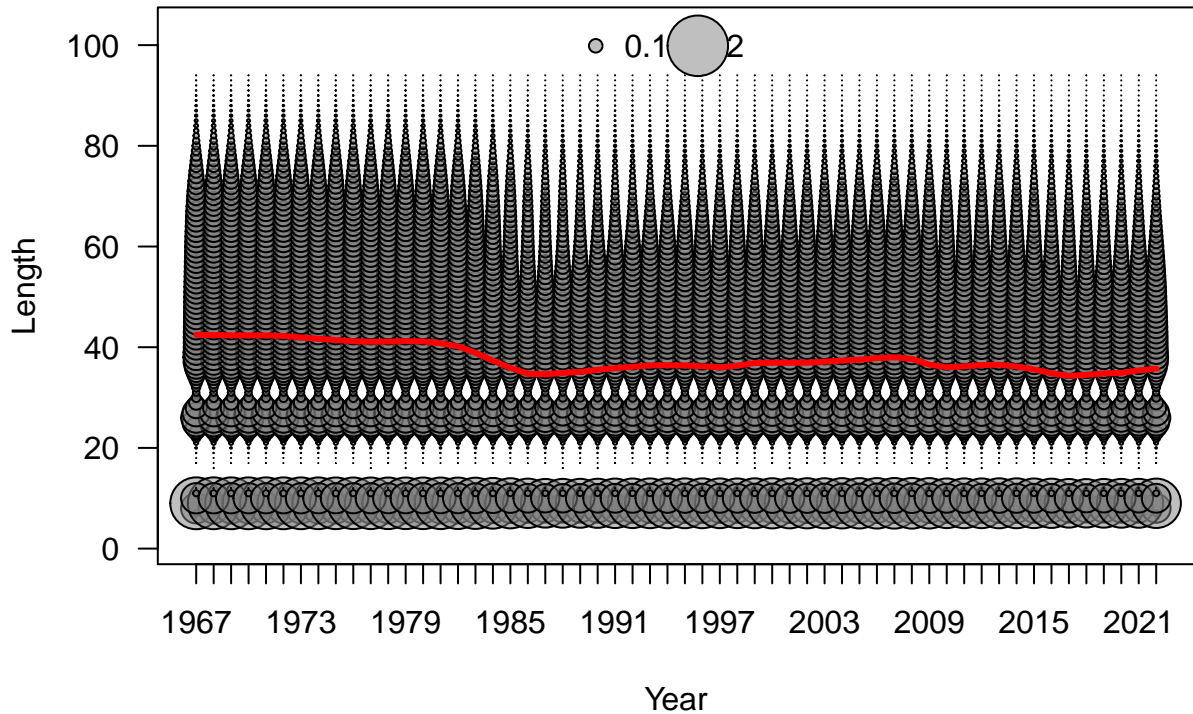




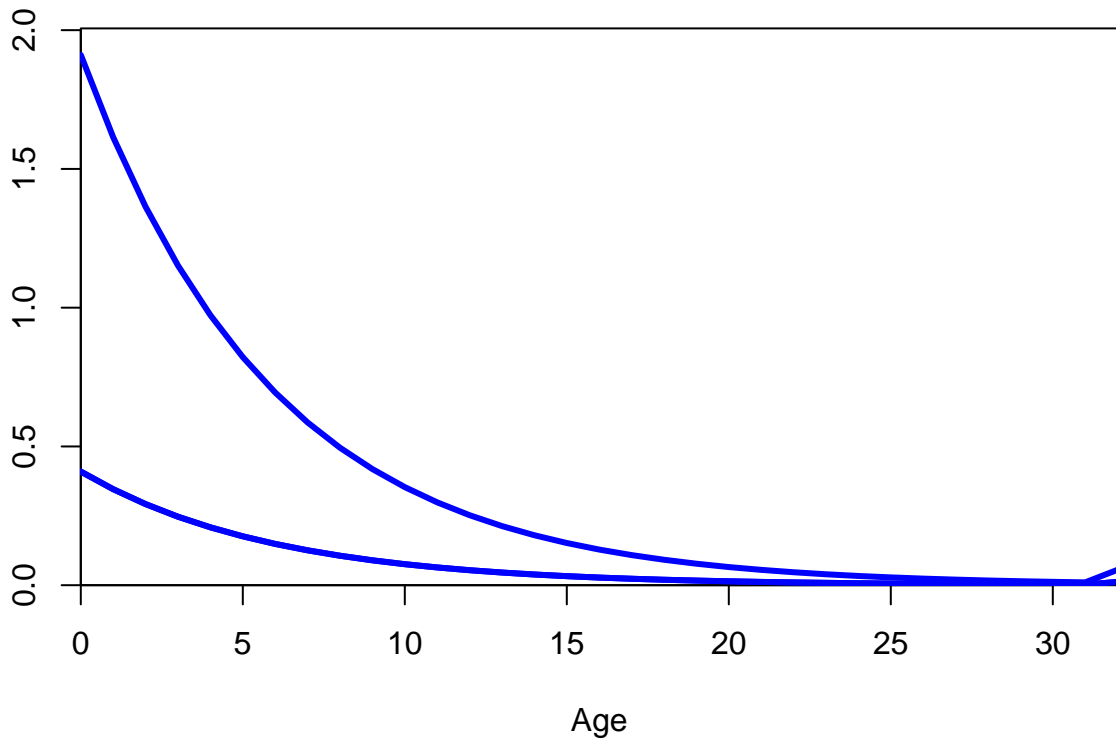


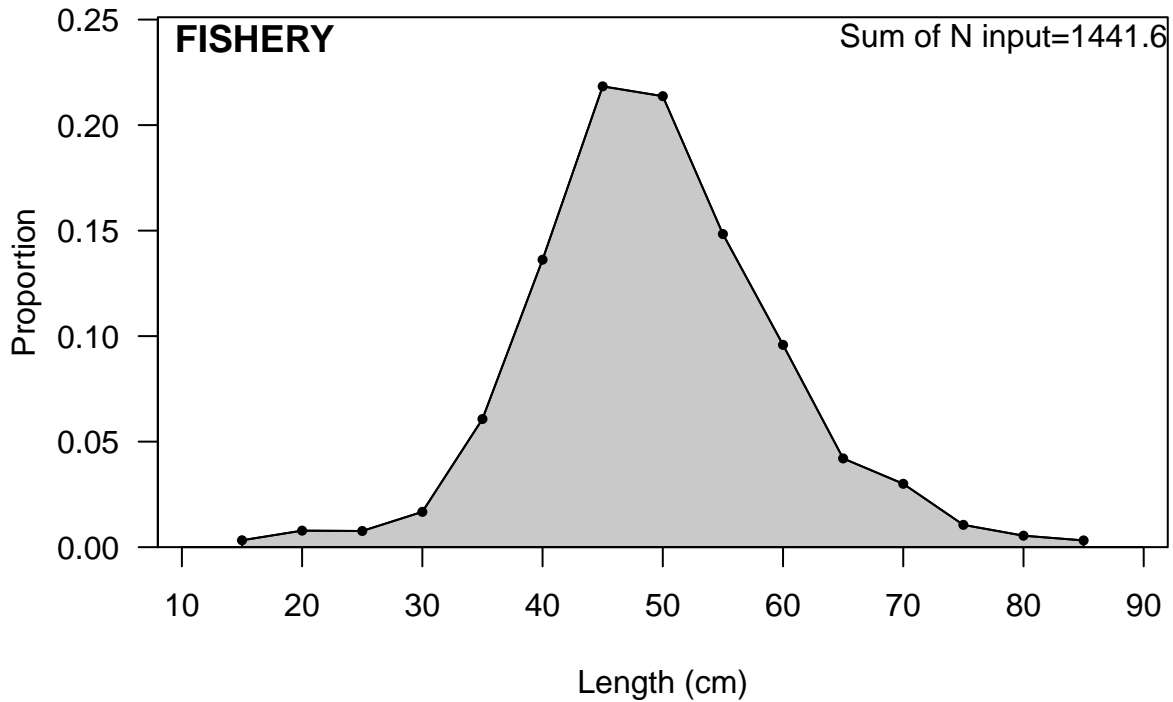


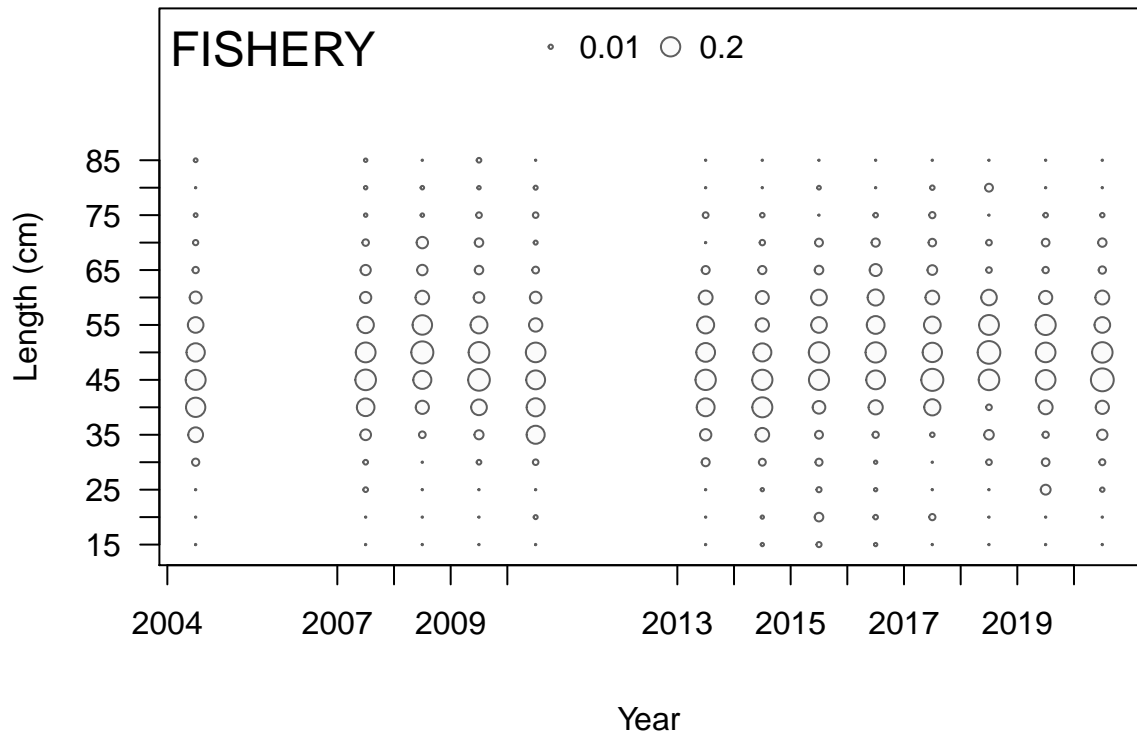




Numbers at age at equilibrium







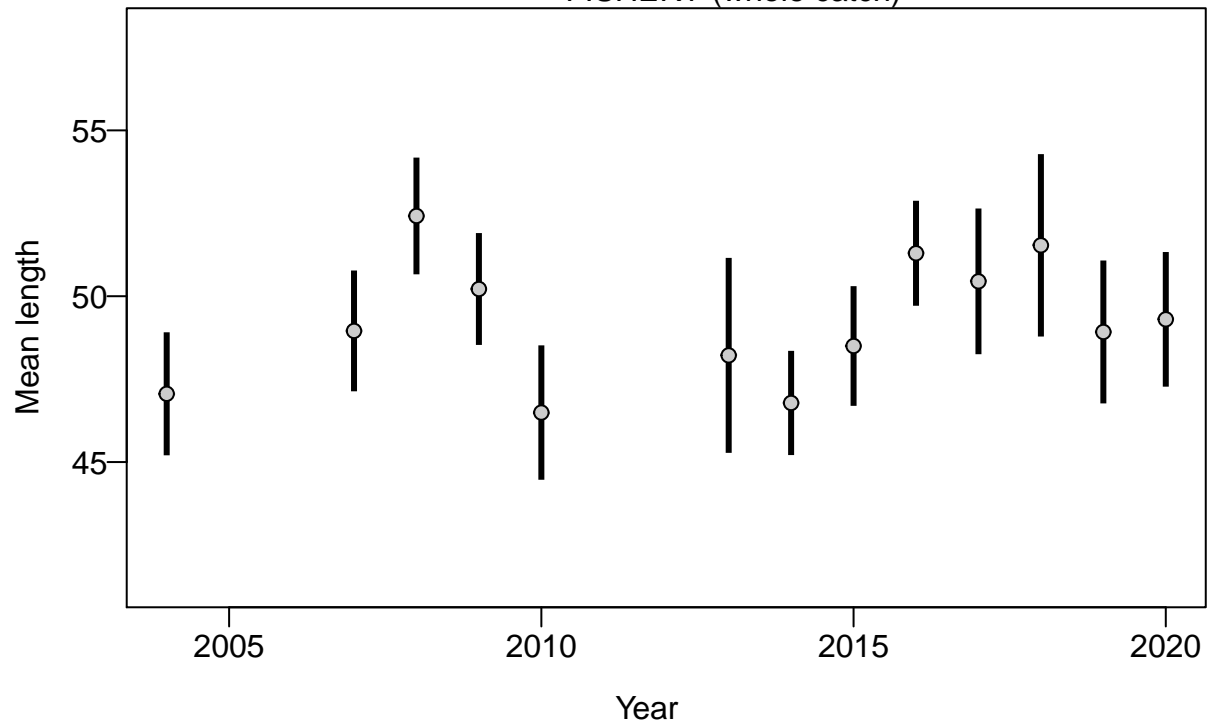


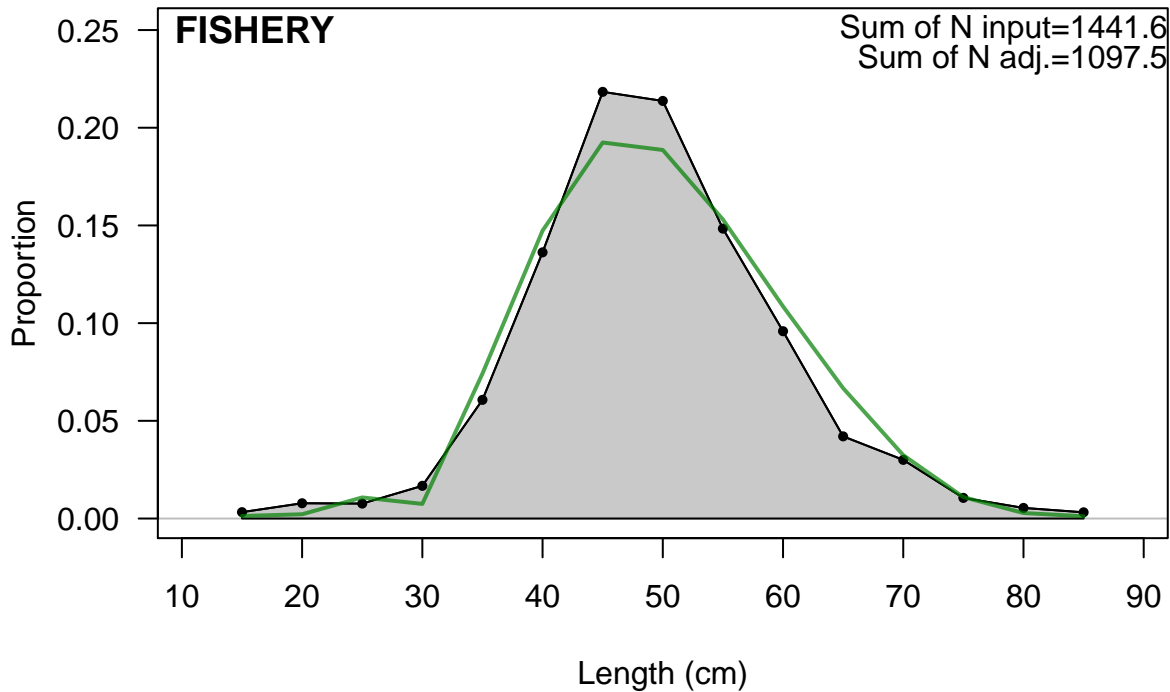
Proportion

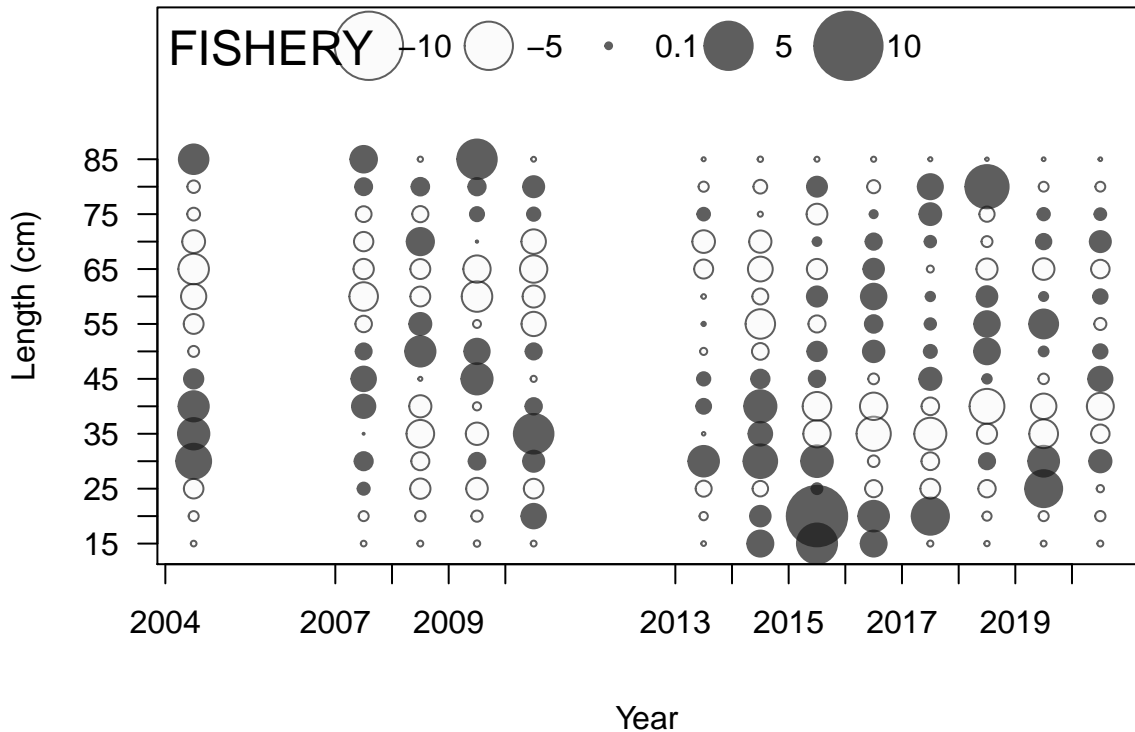


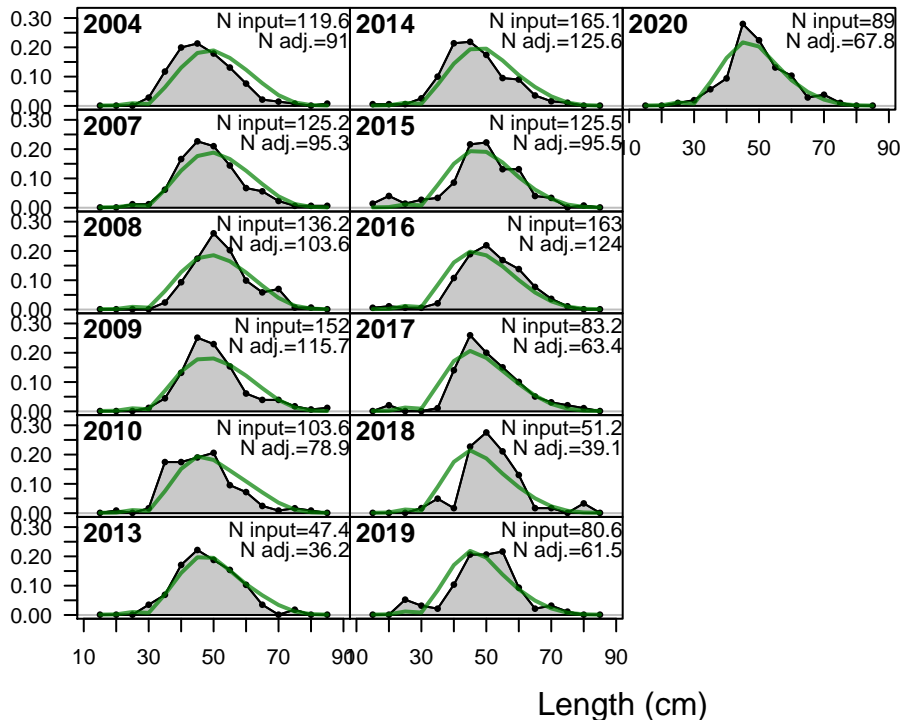


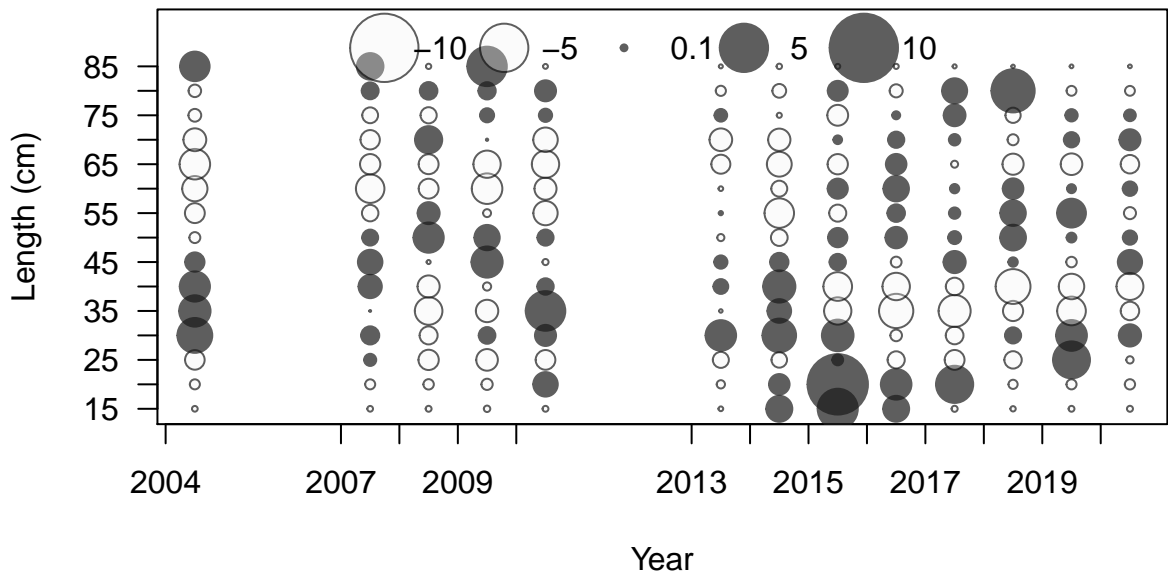
# FISHERY (whole catch)



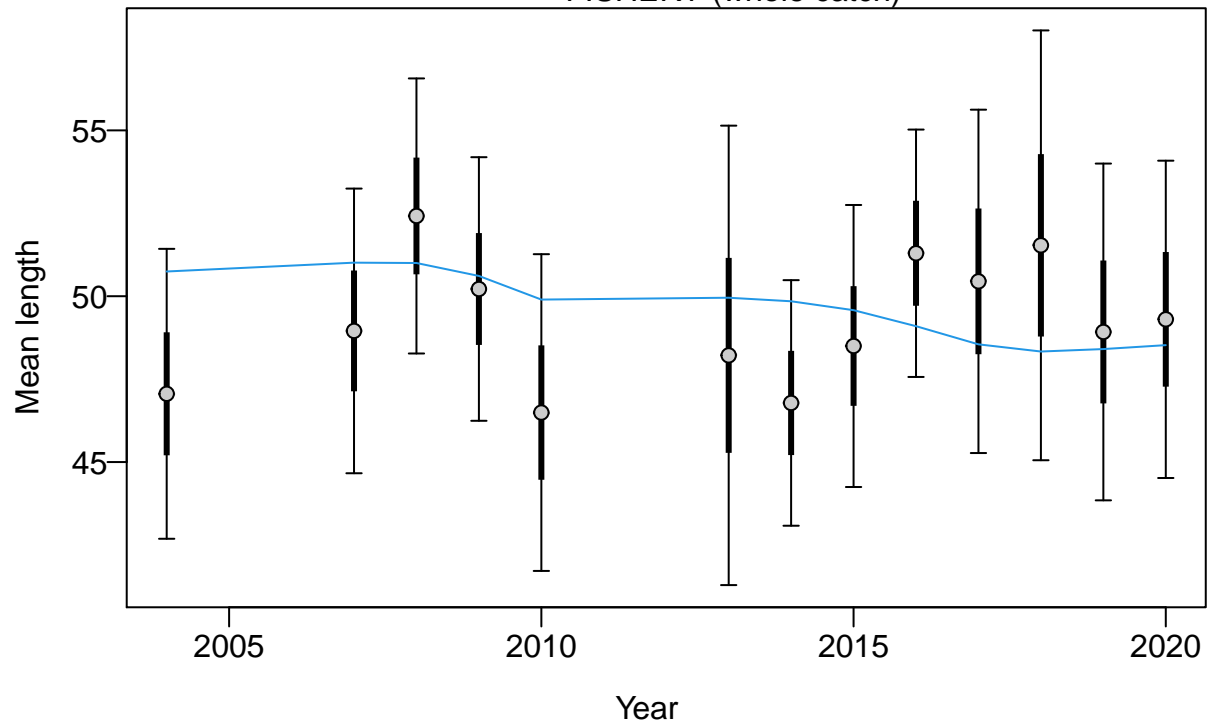




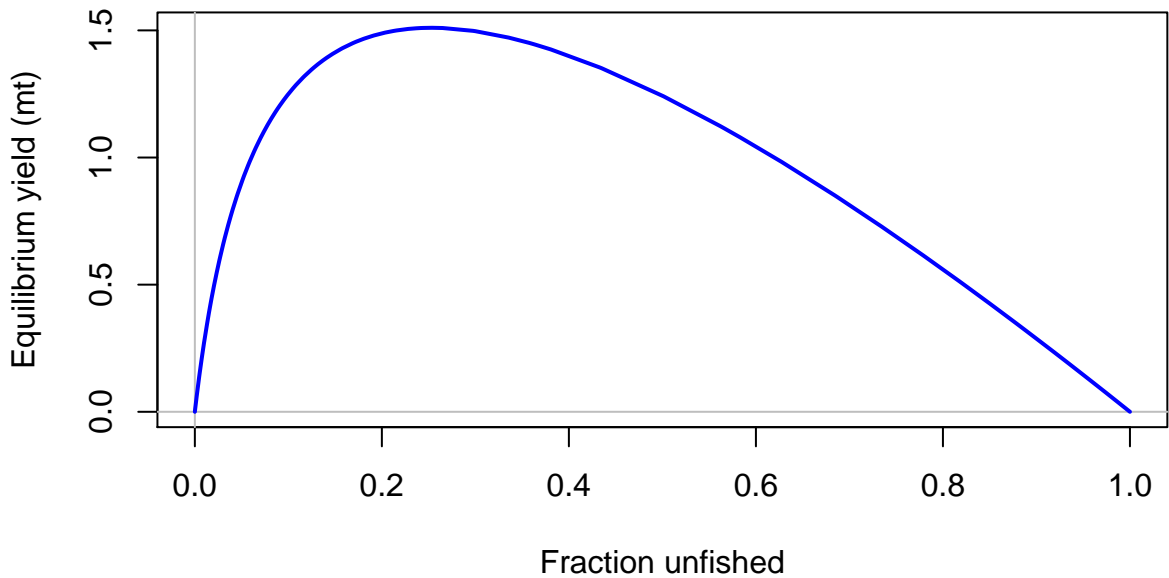


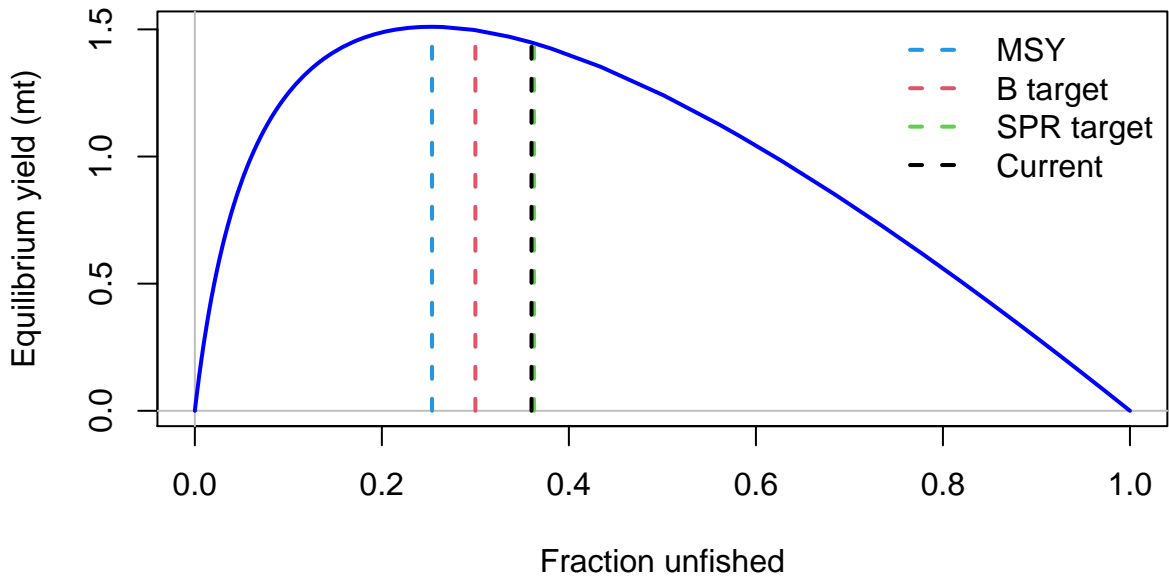


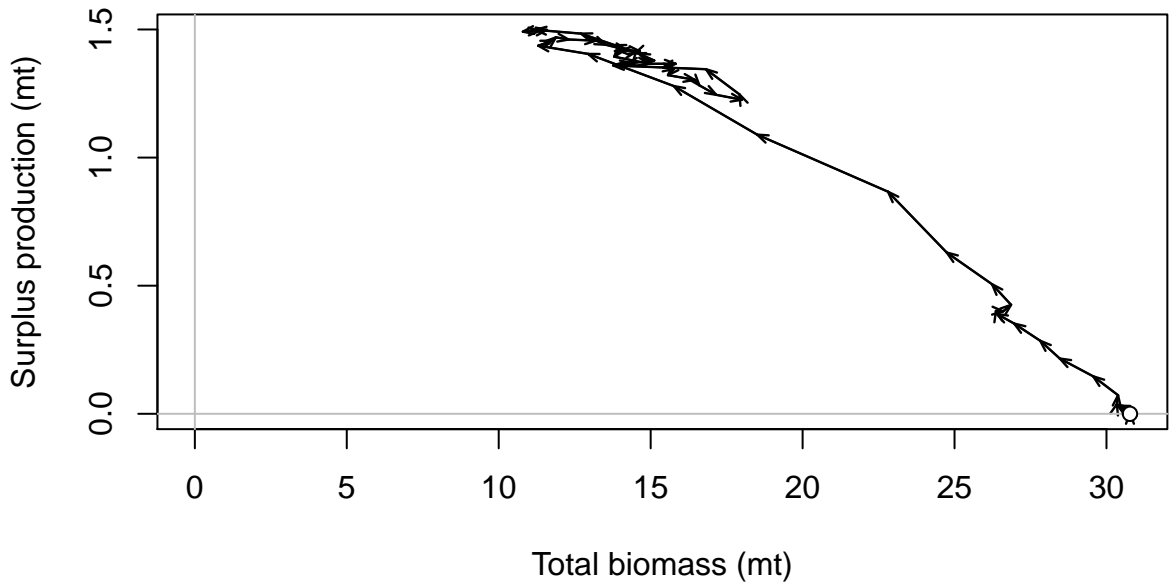
## FISHERY (whole catch)

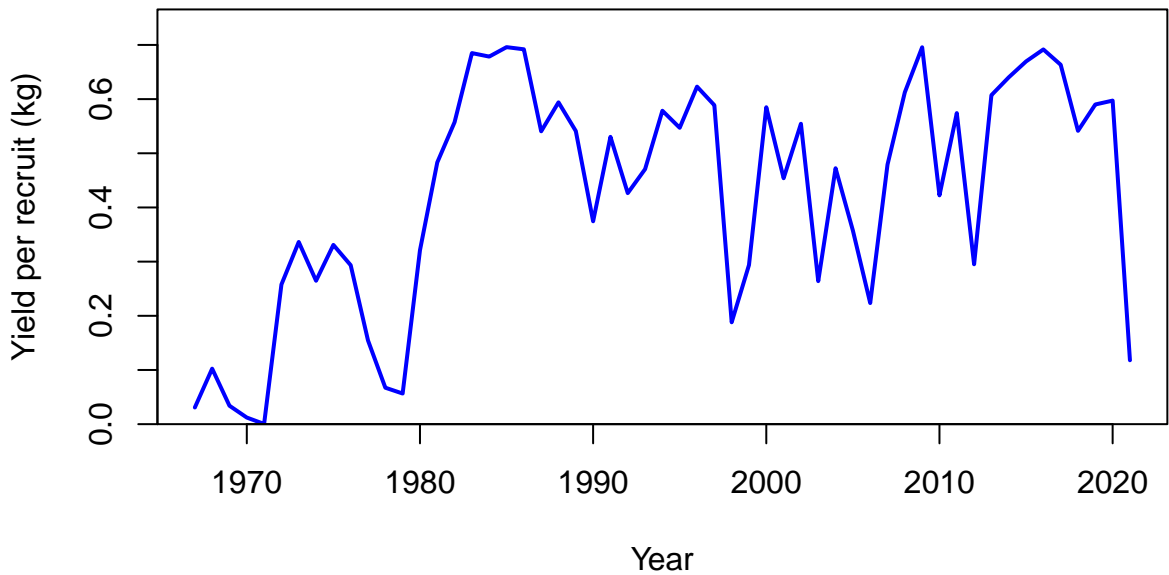


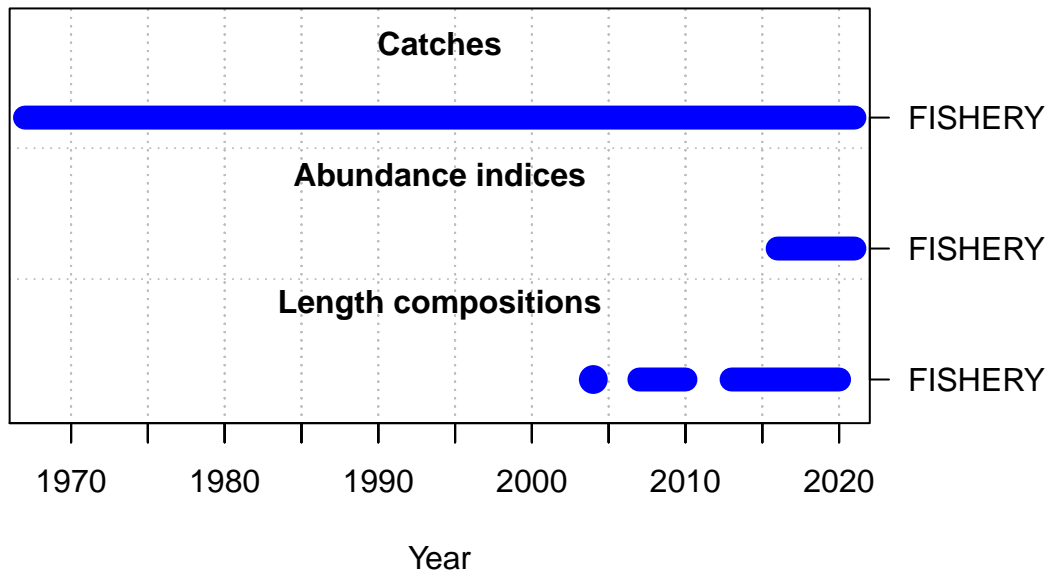


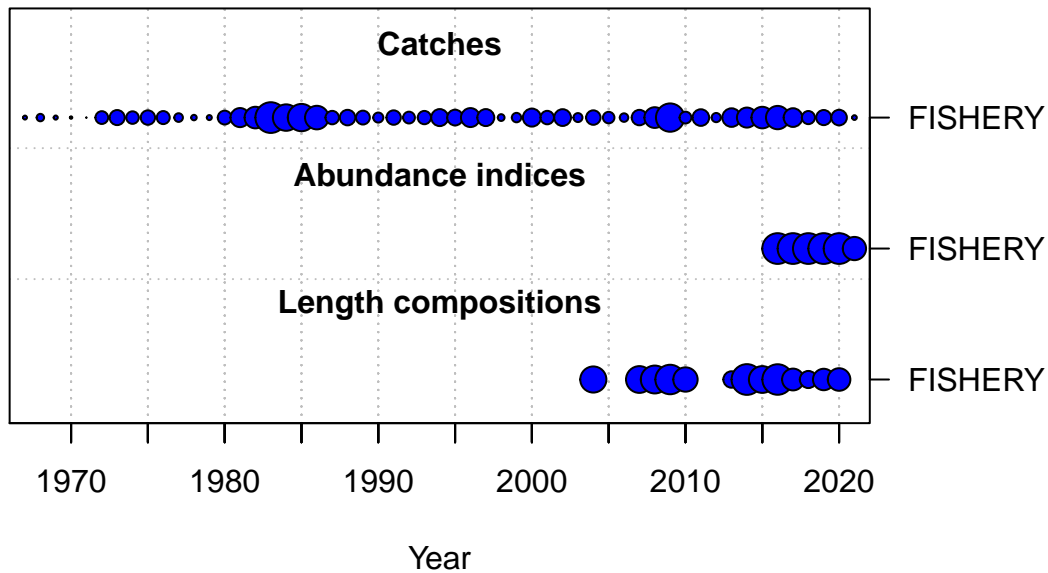




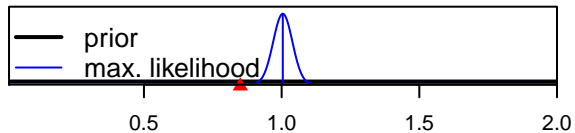




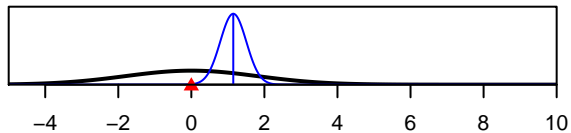




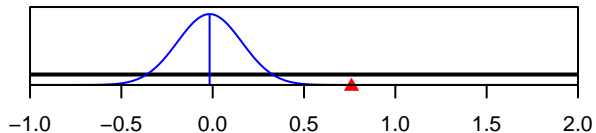
SR\_LN(R0)



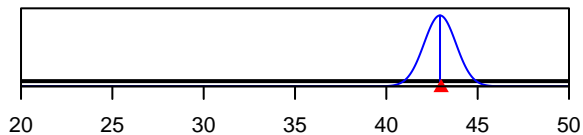
ln(DM\_theta)\_1



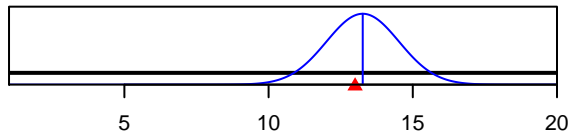
LnQ\_base\_FISHERY(1)



Size\_inflection\_FISHERY(1)



Size\_95%width\_FISHERY(1)



Parameter value