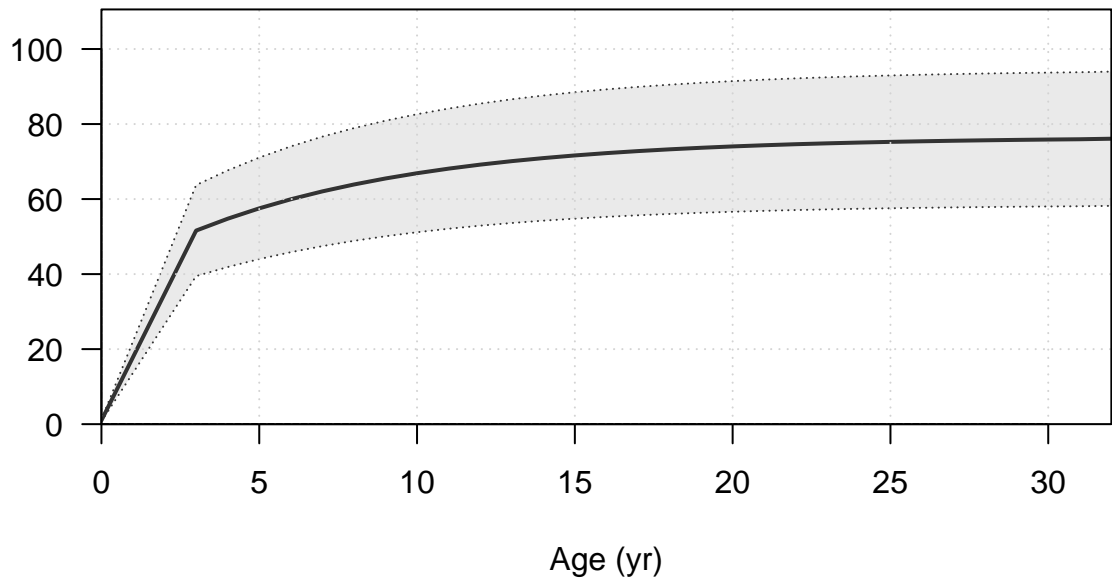
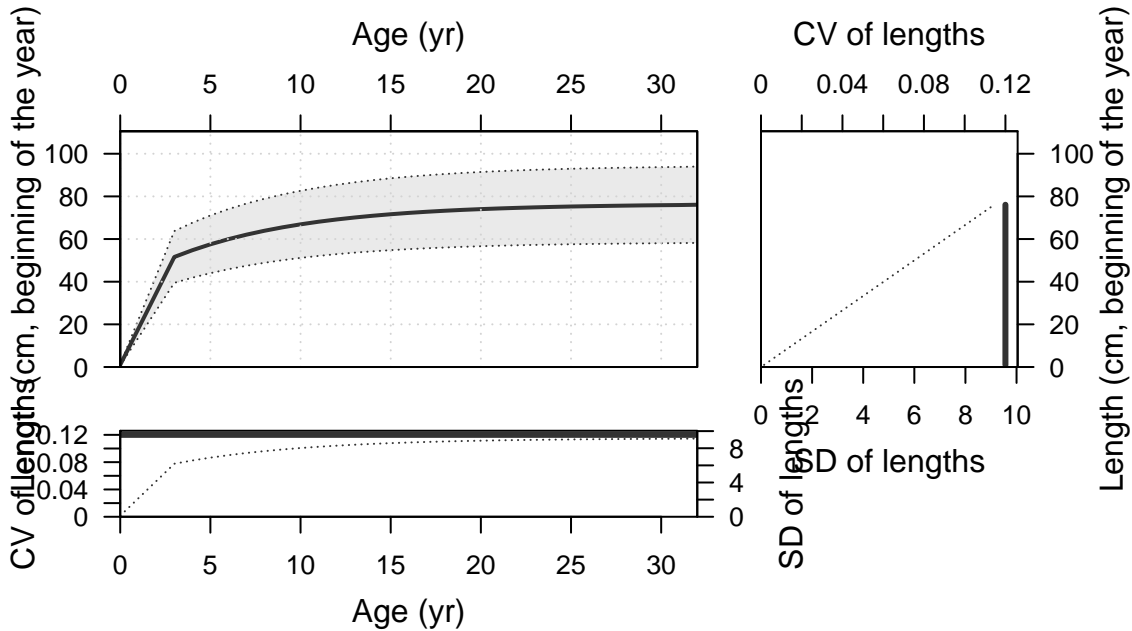
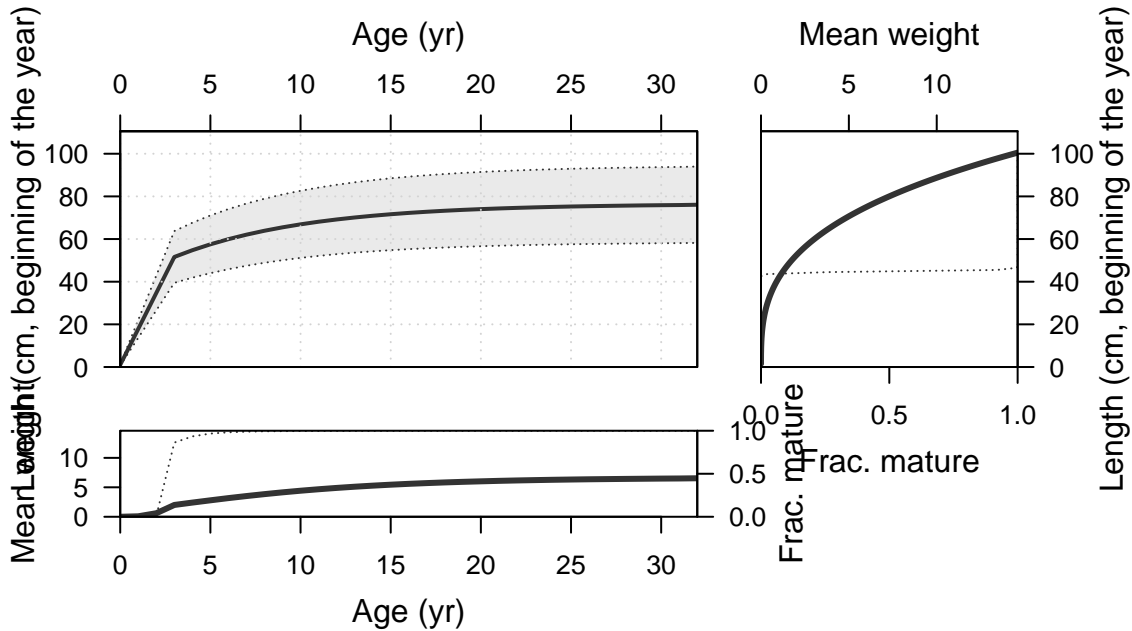


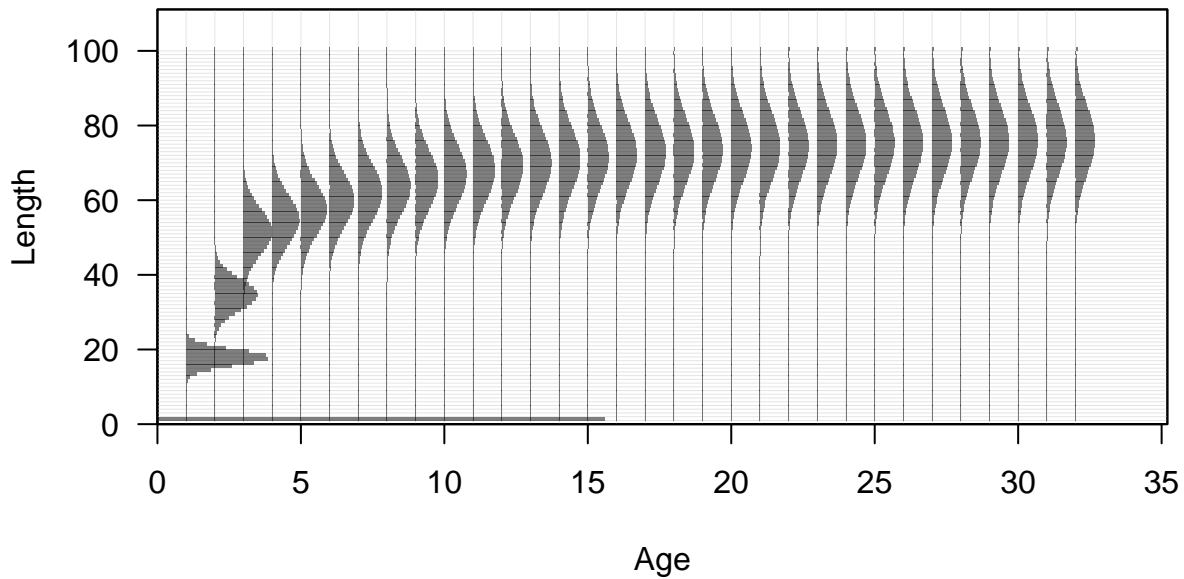
Plots created using the 'r4ss' package in R  
Stock Synthesis version: 3.30.19.0  
StartTime: Fri Jun 24 13:17:15 2022  
Data\_File: data.ss  
Control\_File: control.ss

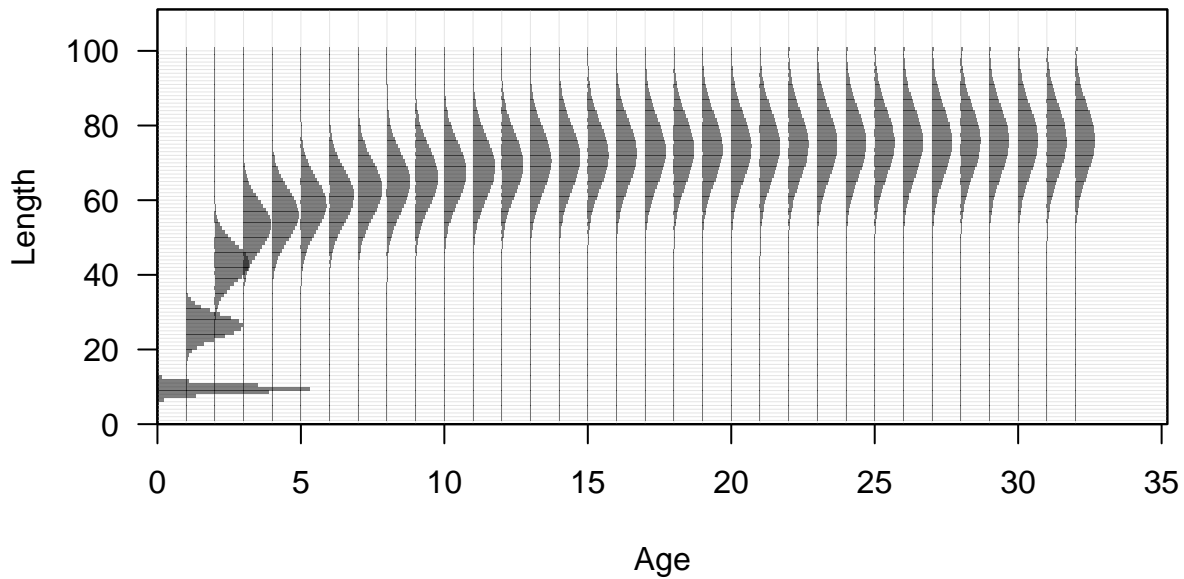
Length (cm, beginning of the year)



















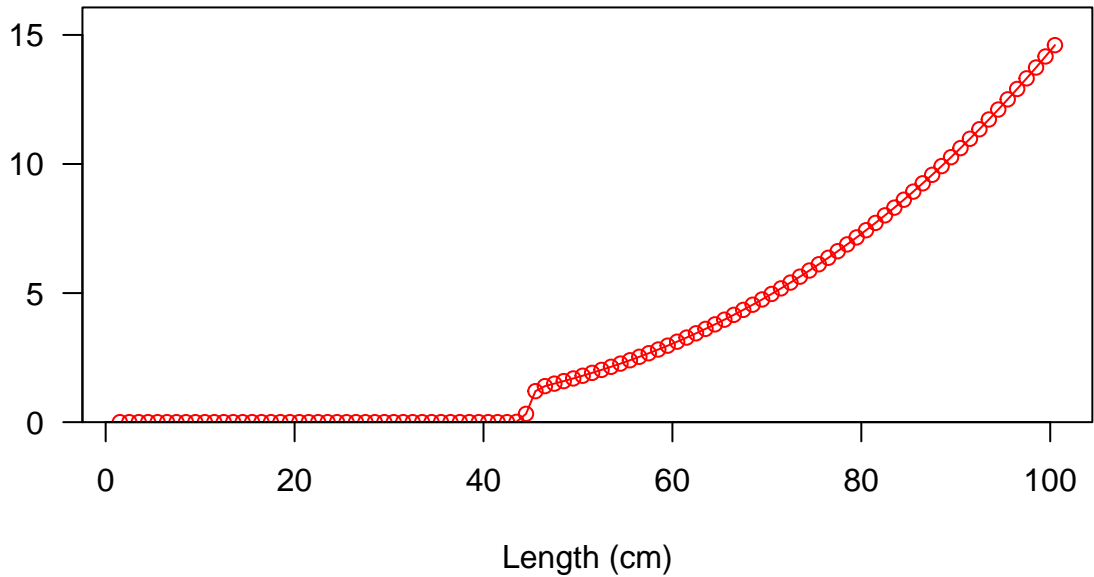
Fecundity



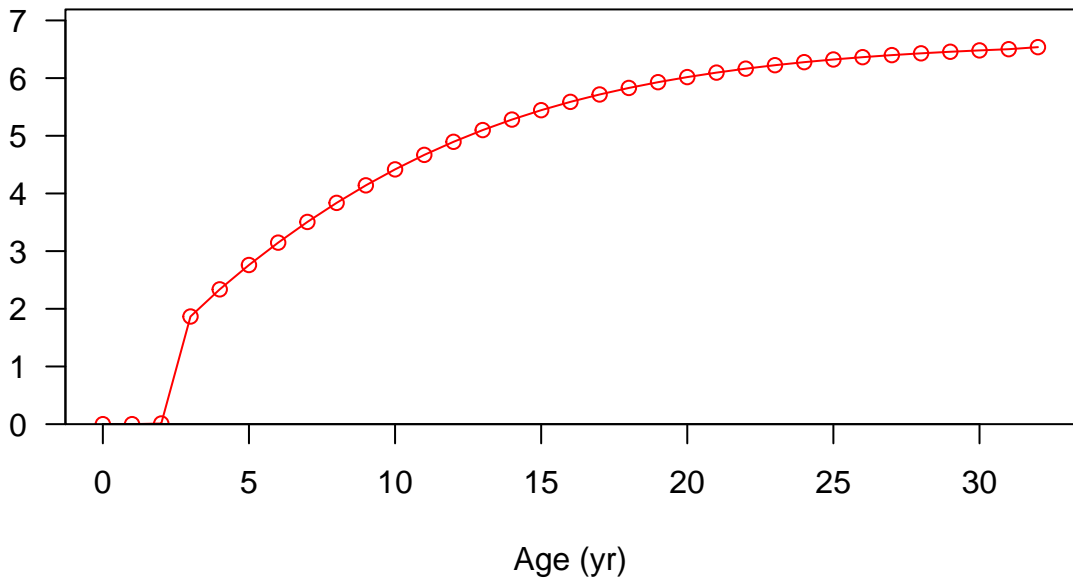
Fecundity



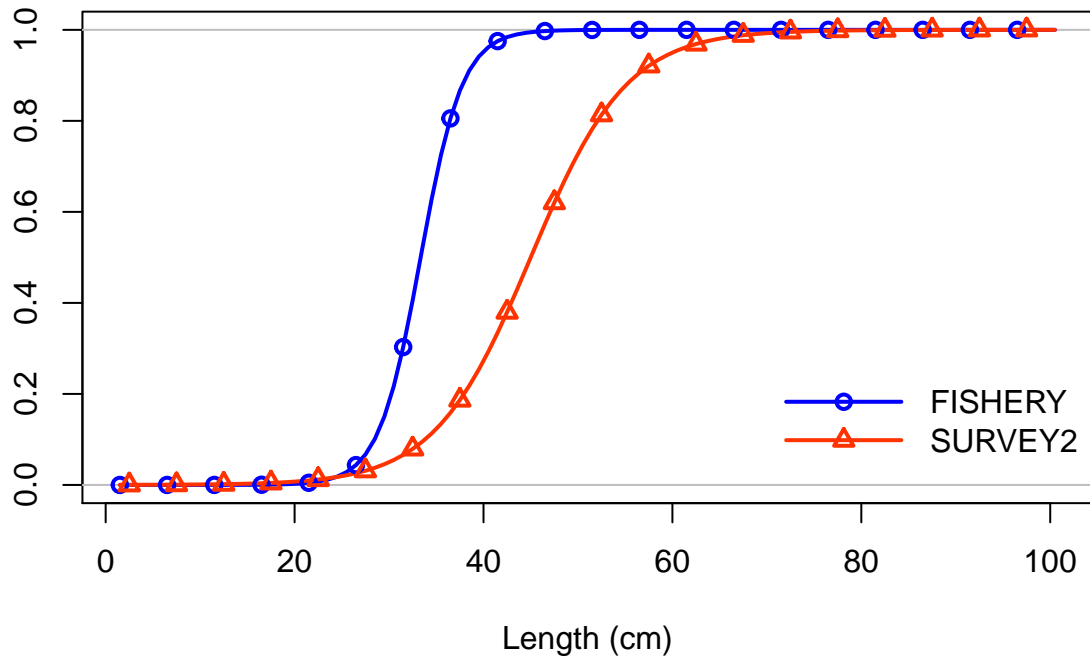
Spawning output



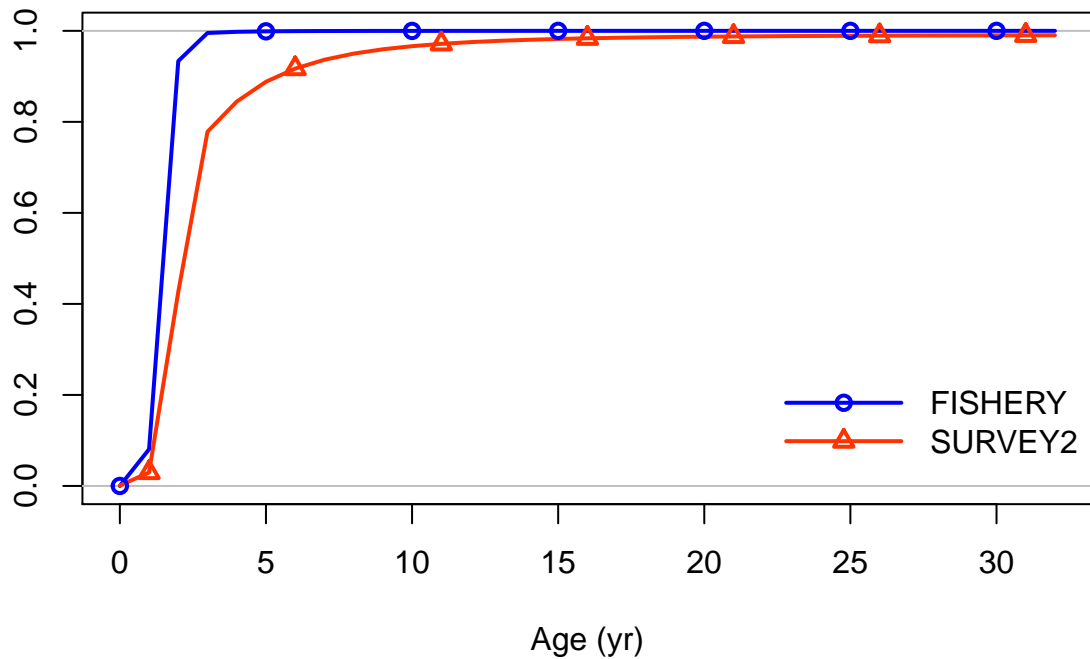
Spawning output



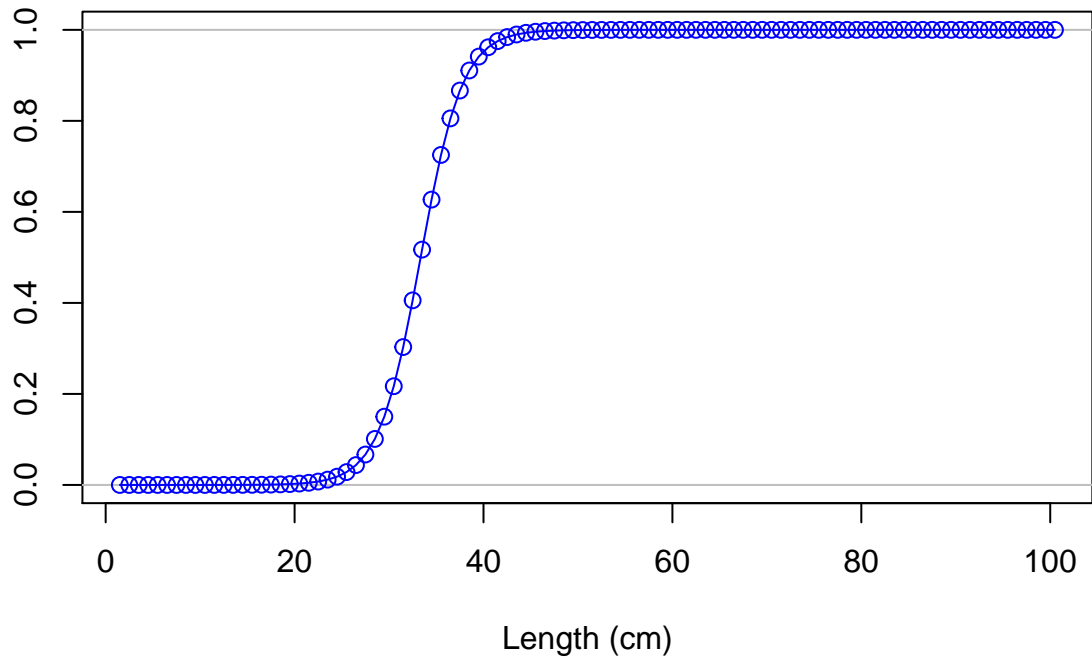
Selectivity



Selectivity

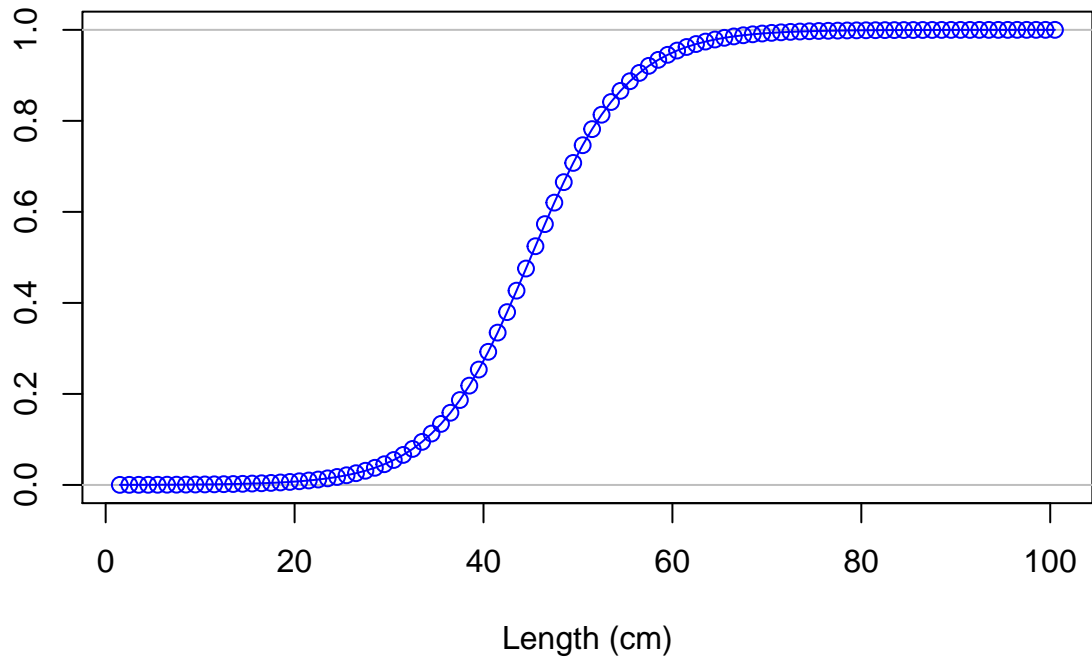


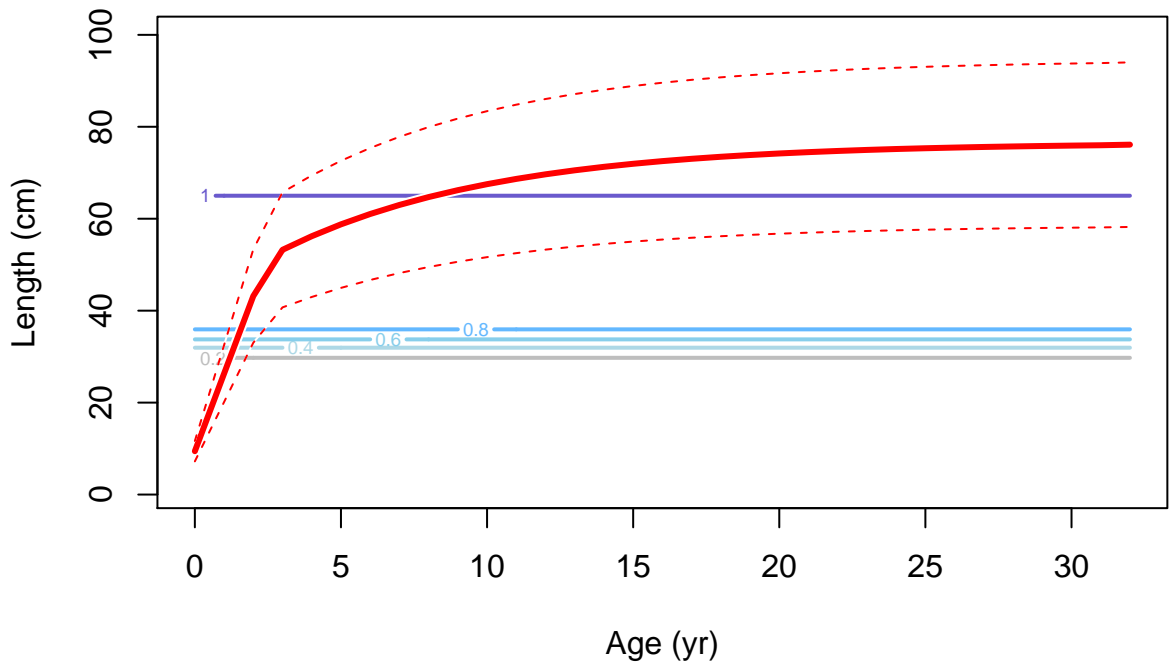
Selectivity

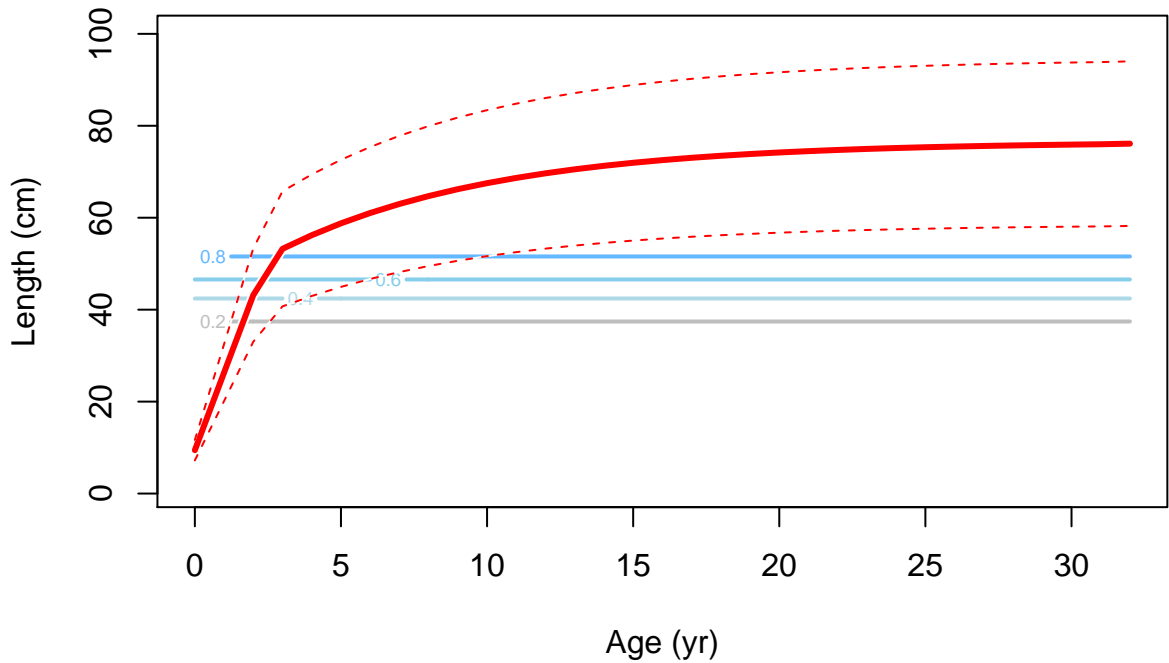


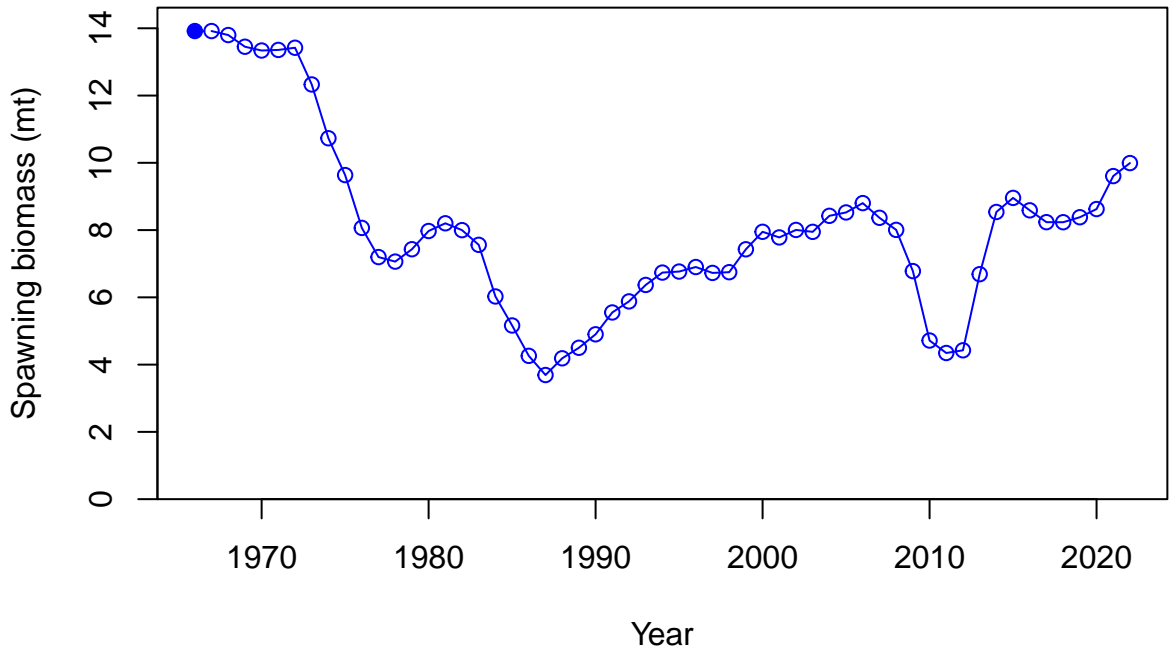


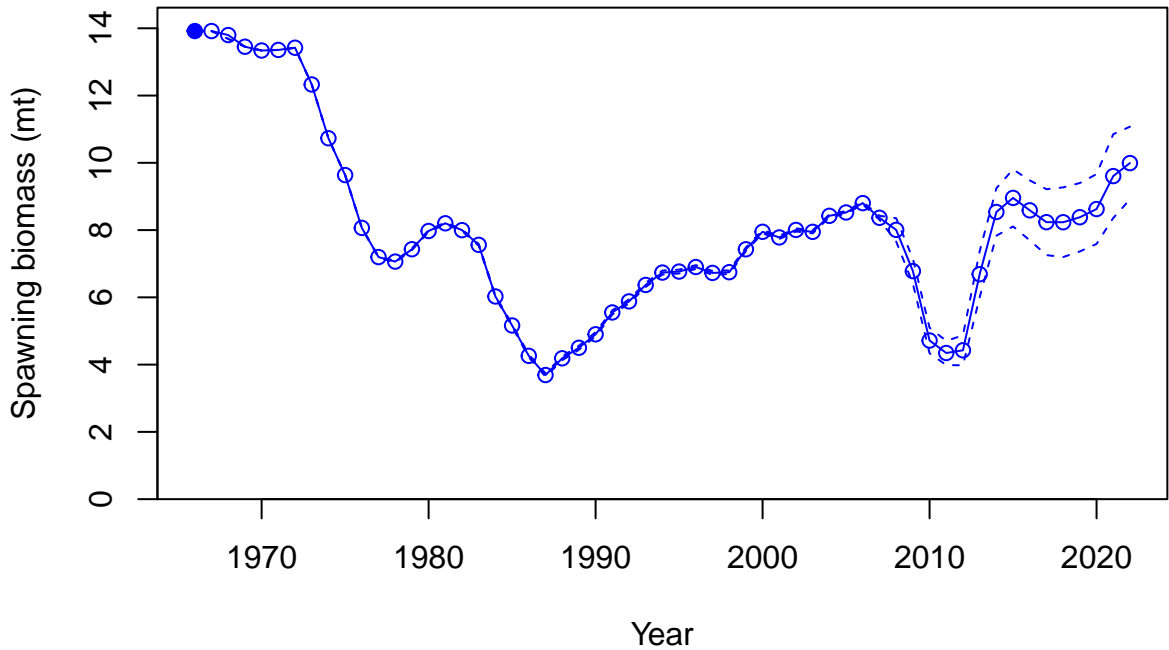
Selectivity



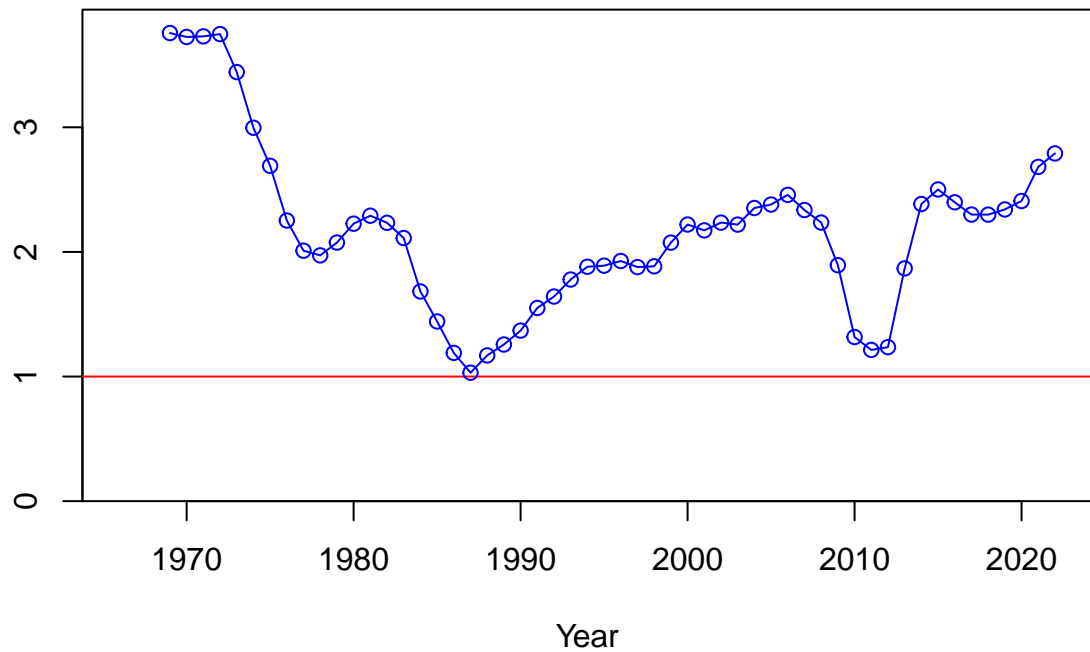




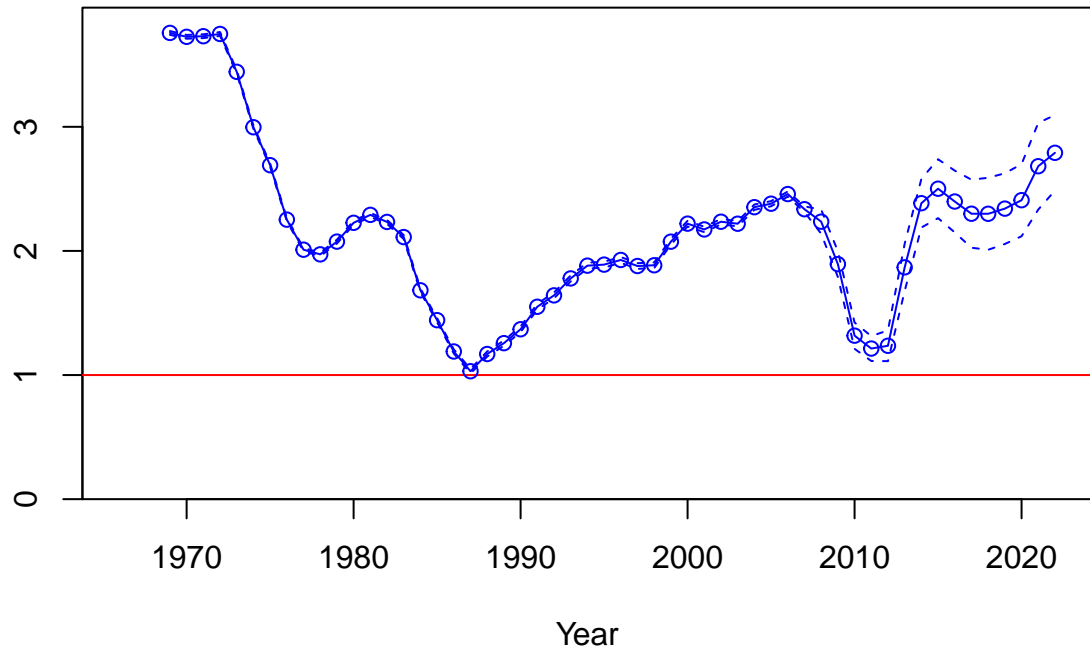


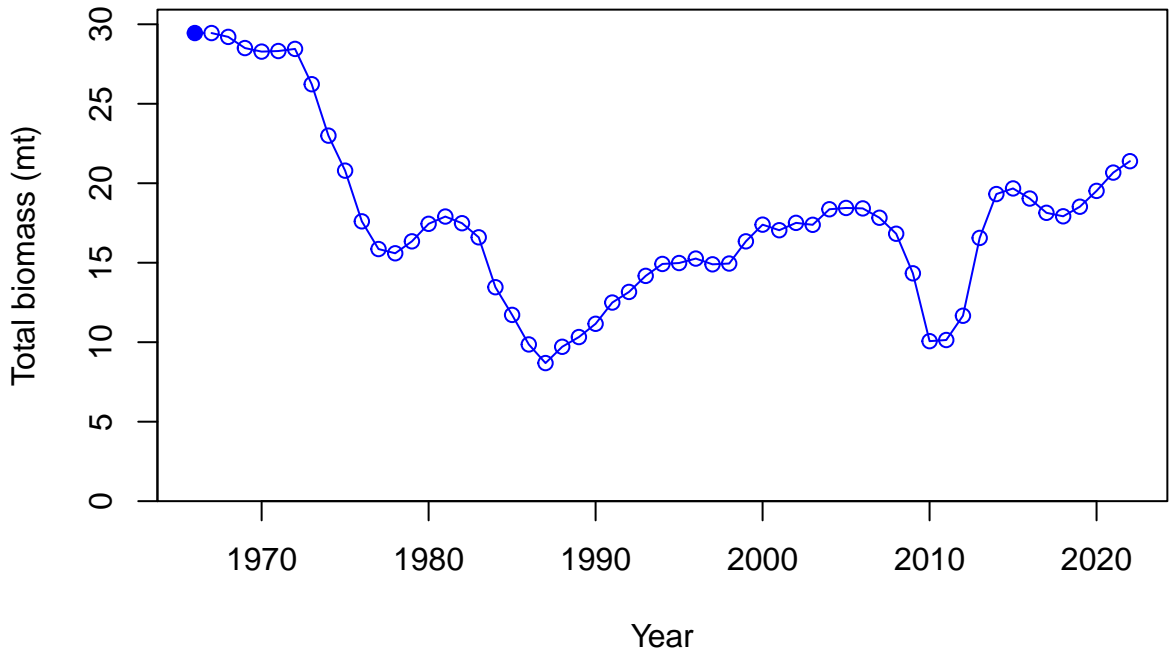


Relative spawning biomass:  $B/B_{MSY}$

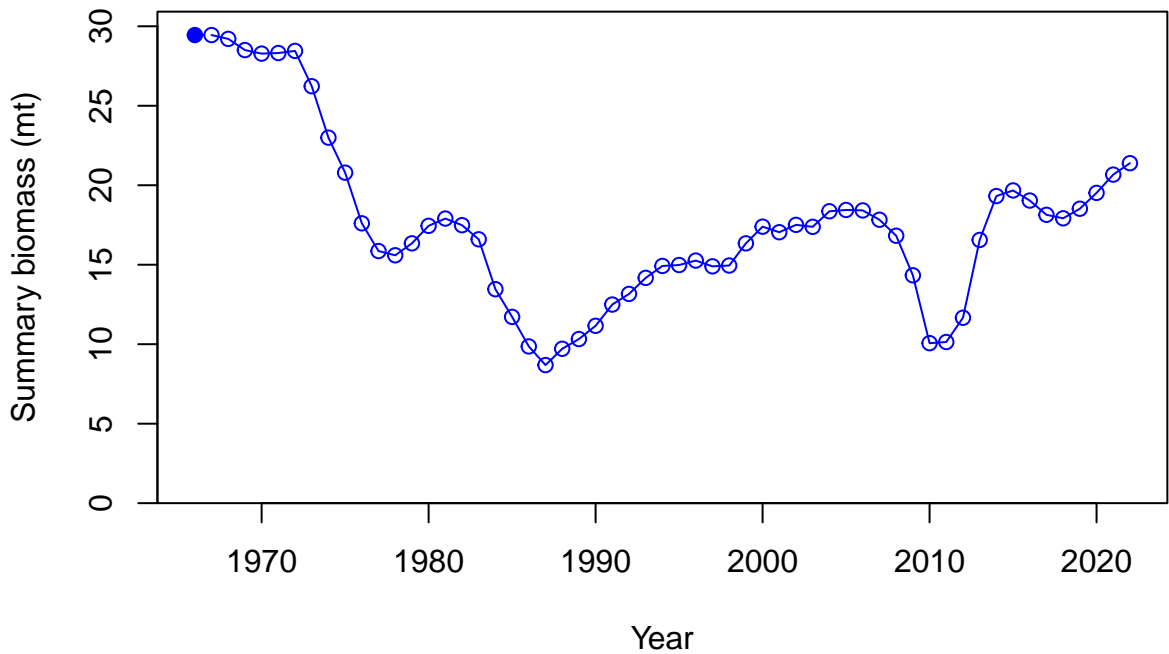


Relative spawning biomass:  $B/B_{MSY}$

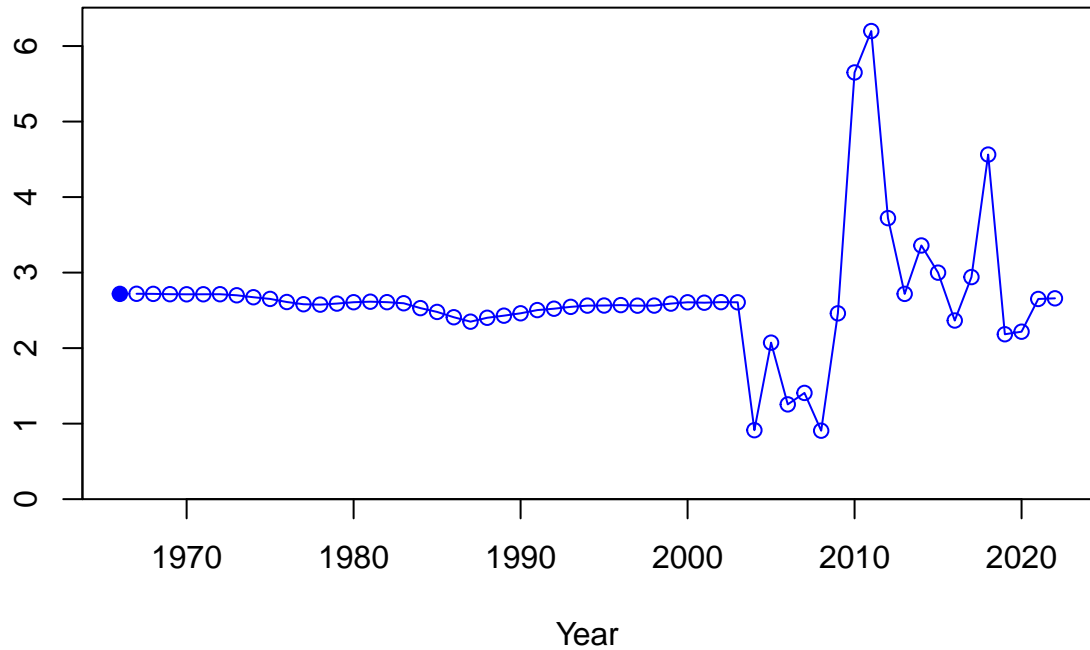




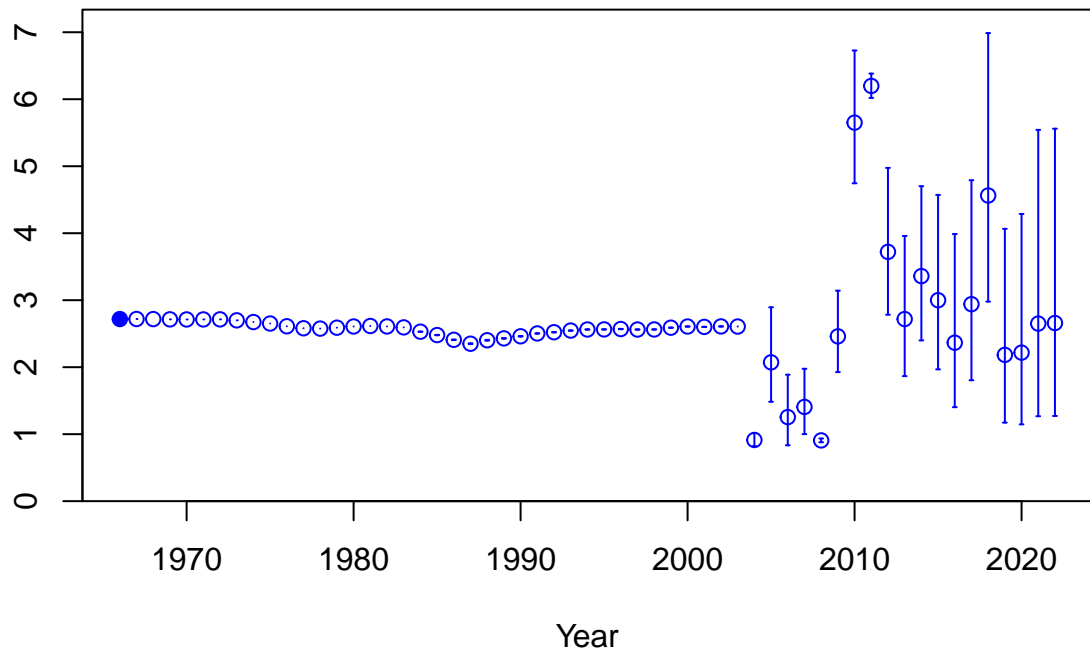




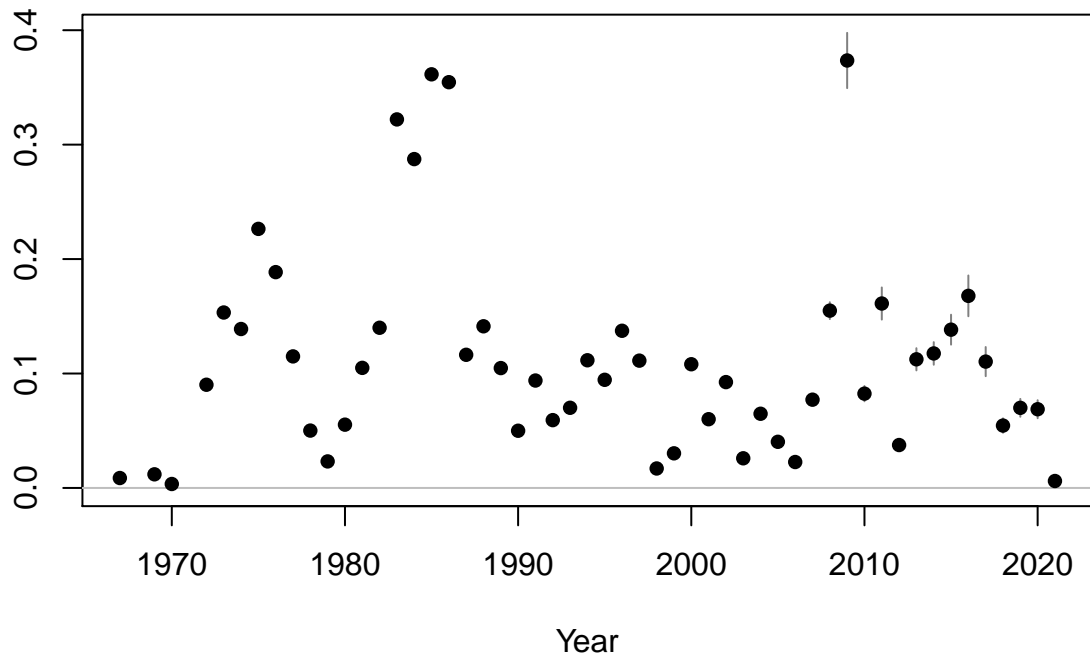
Age-0 recruits (1,000s)

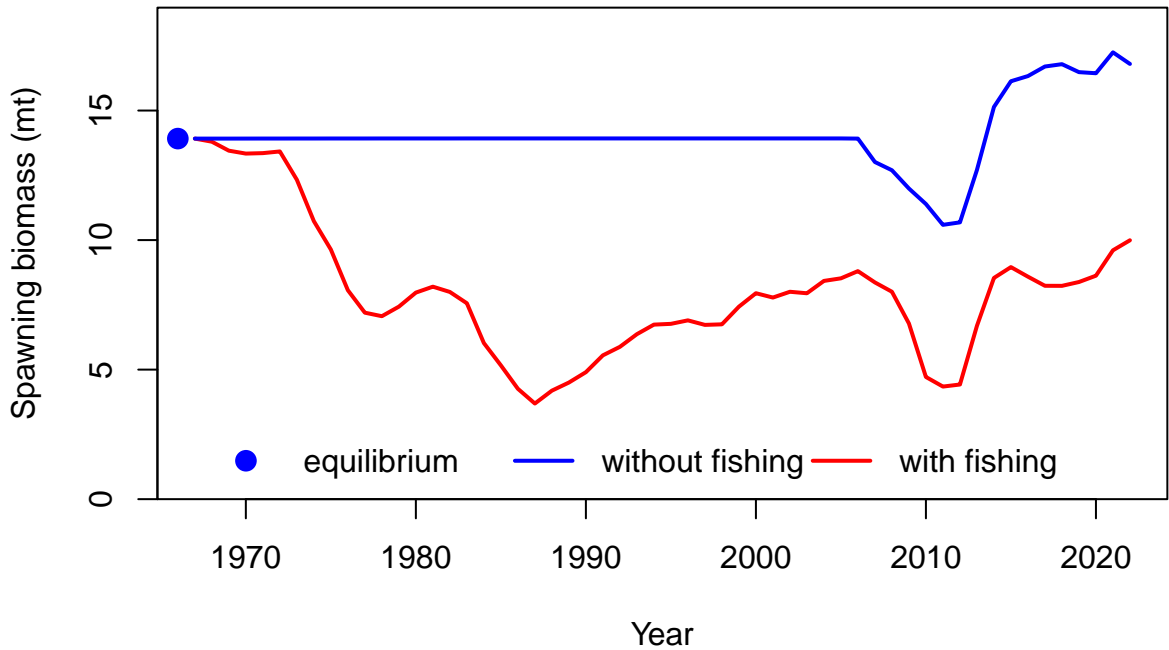


Age-0 recruits (1,000s)

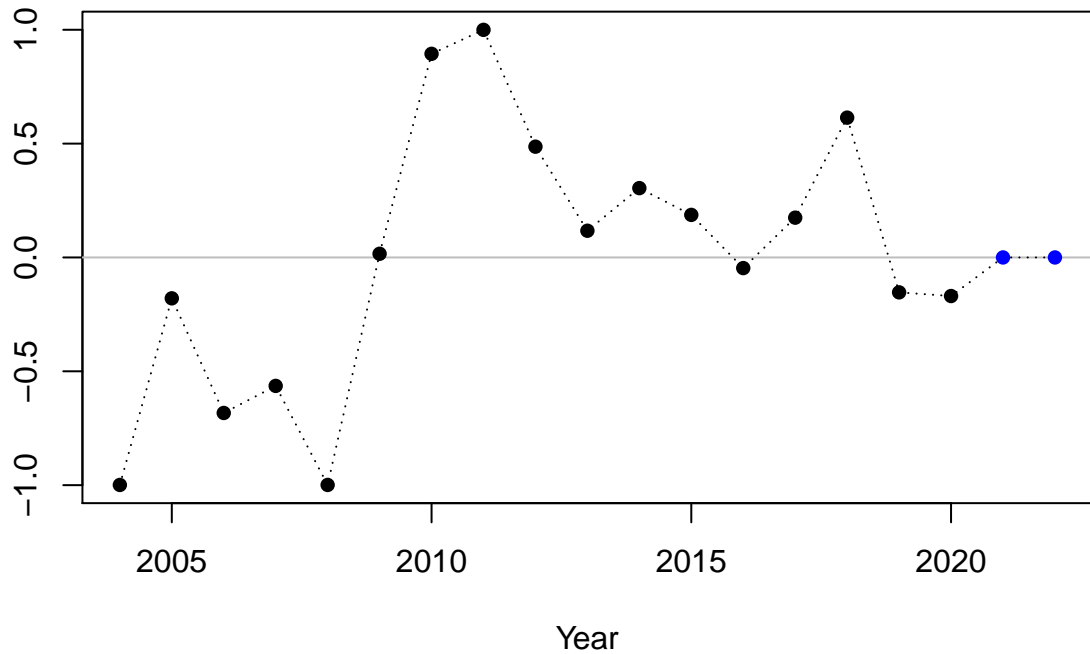


Summary Fishing Mortality

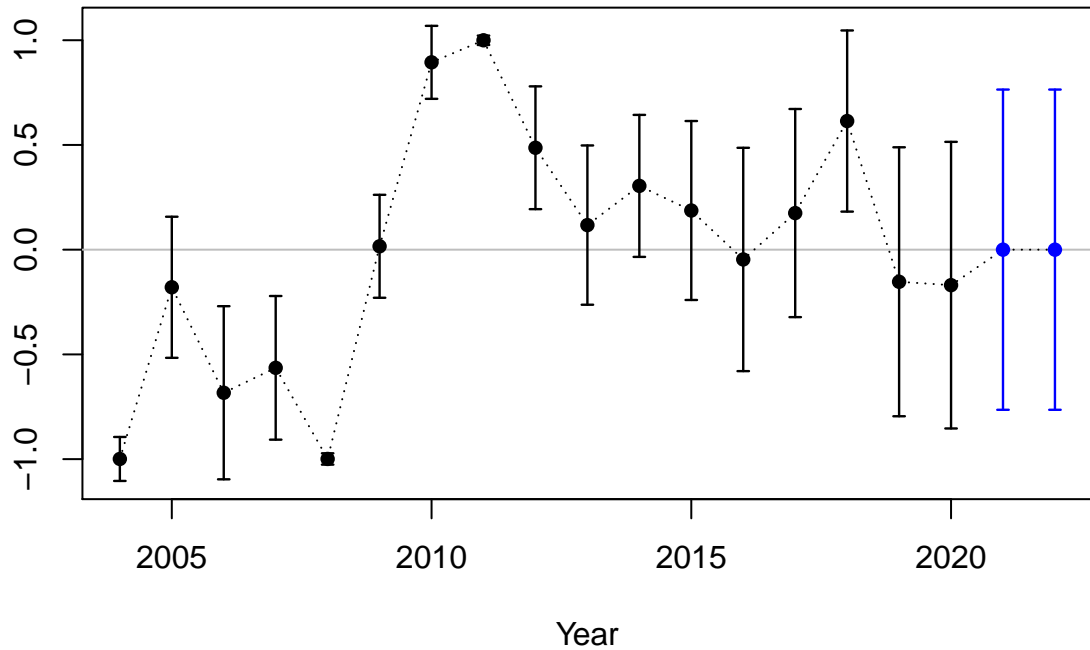




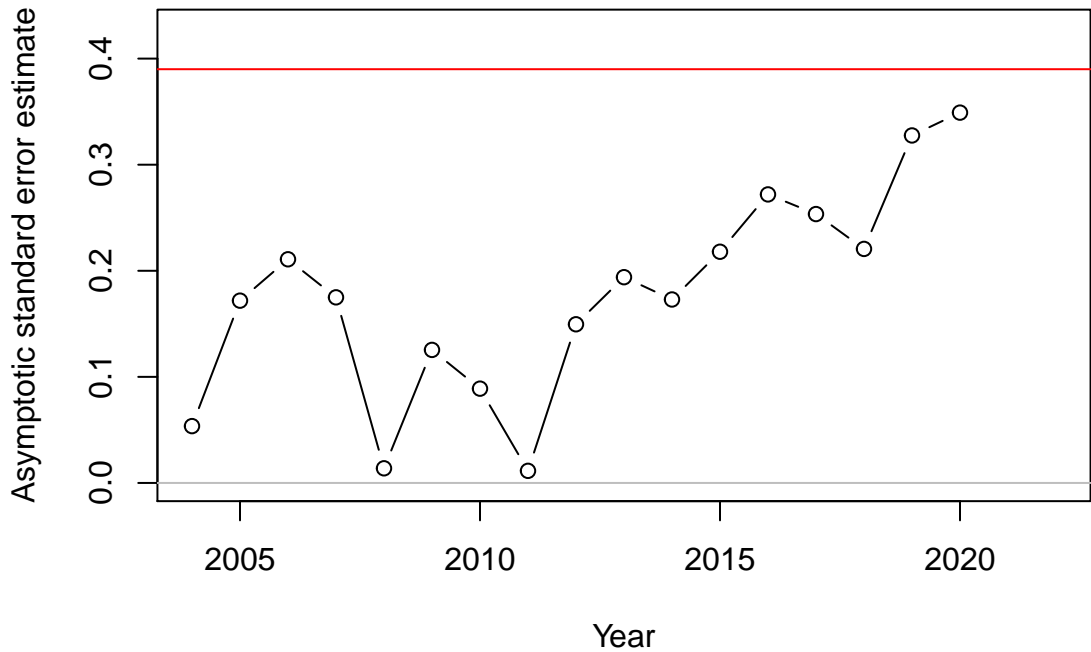
Log recruitment deviation



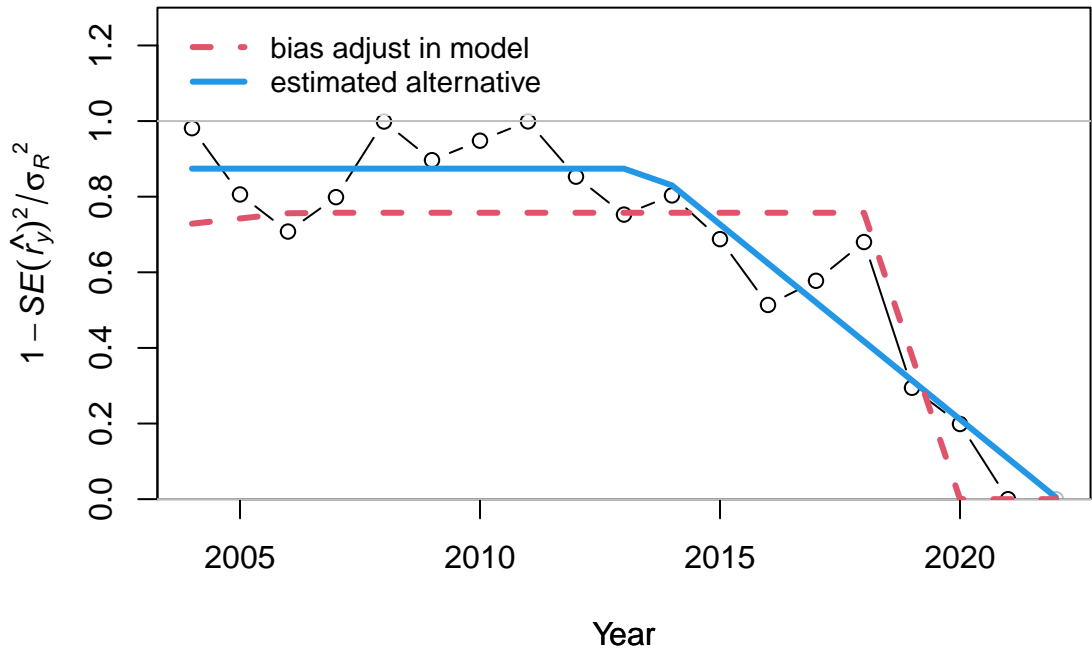
Log recruitment deviation

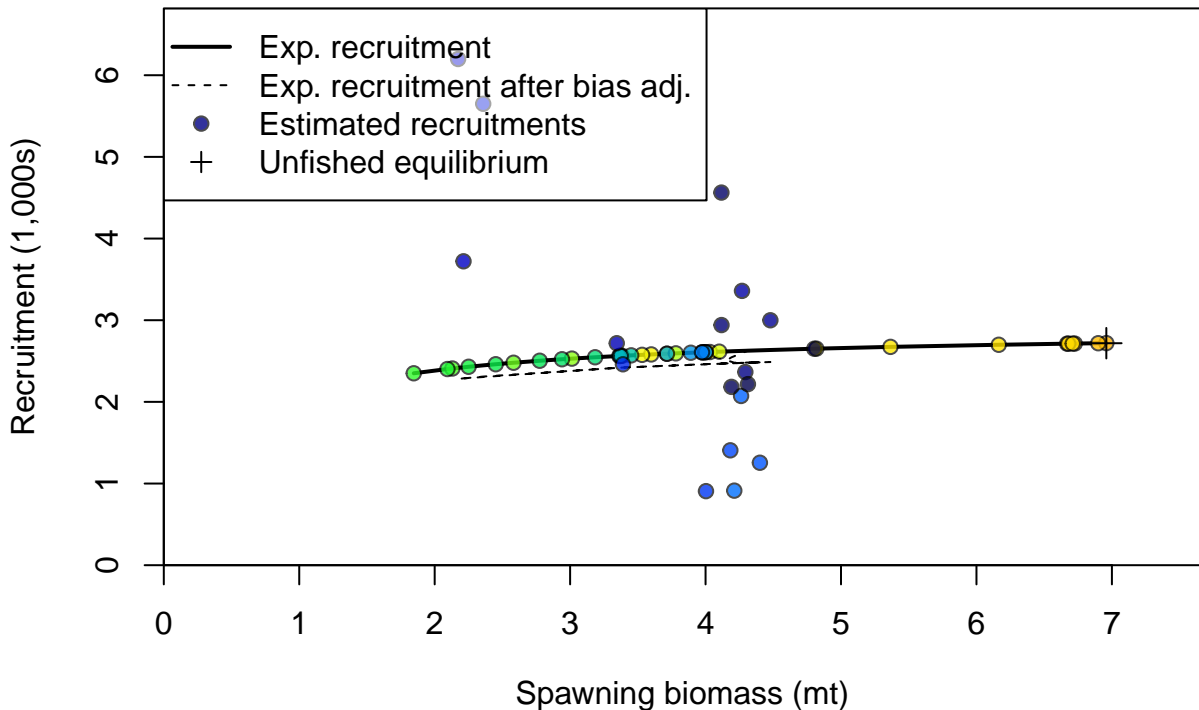


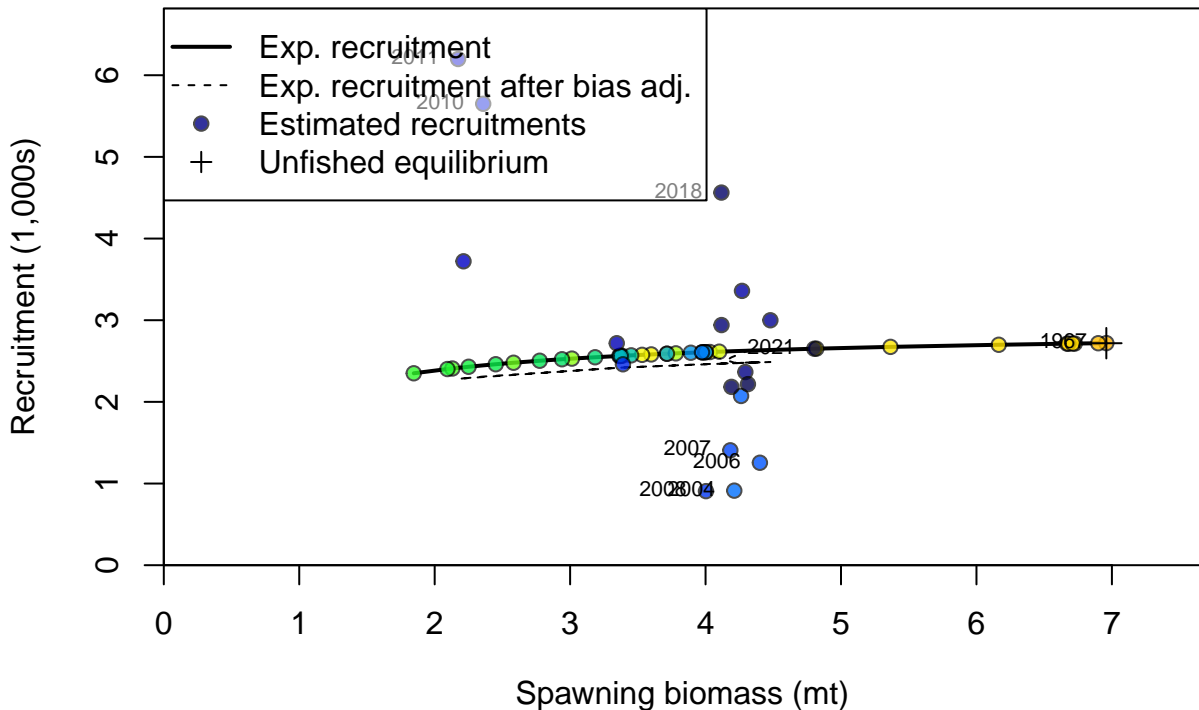
**Recruitment deviation variance**



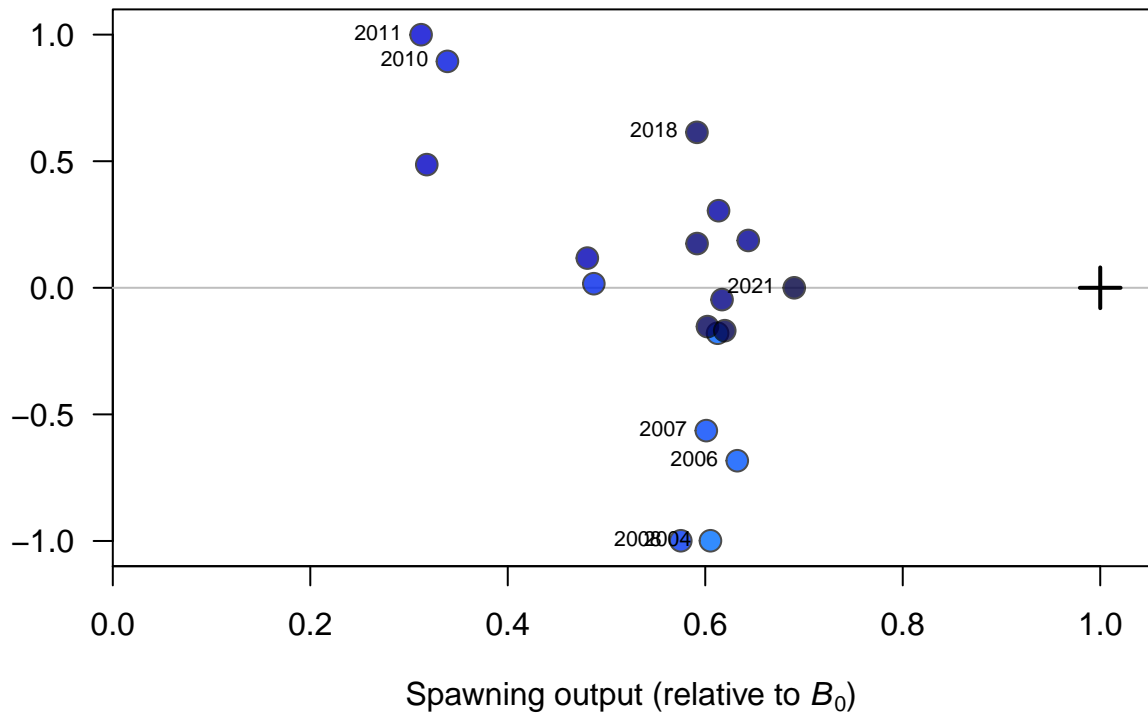


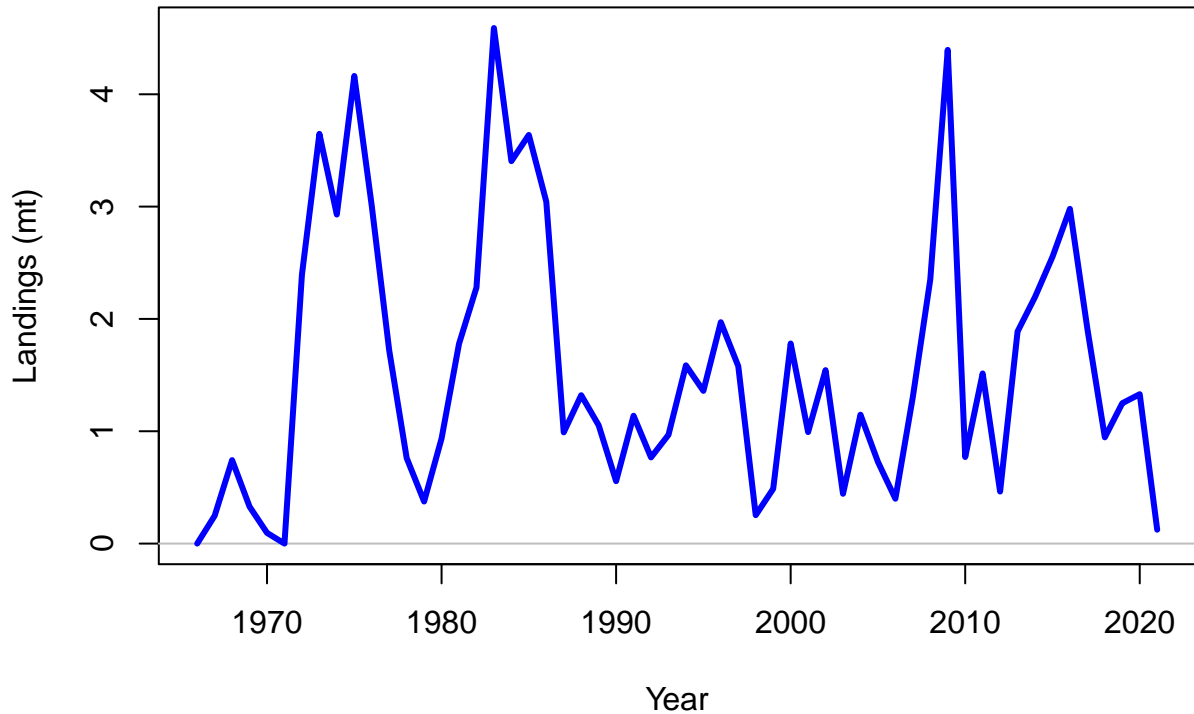


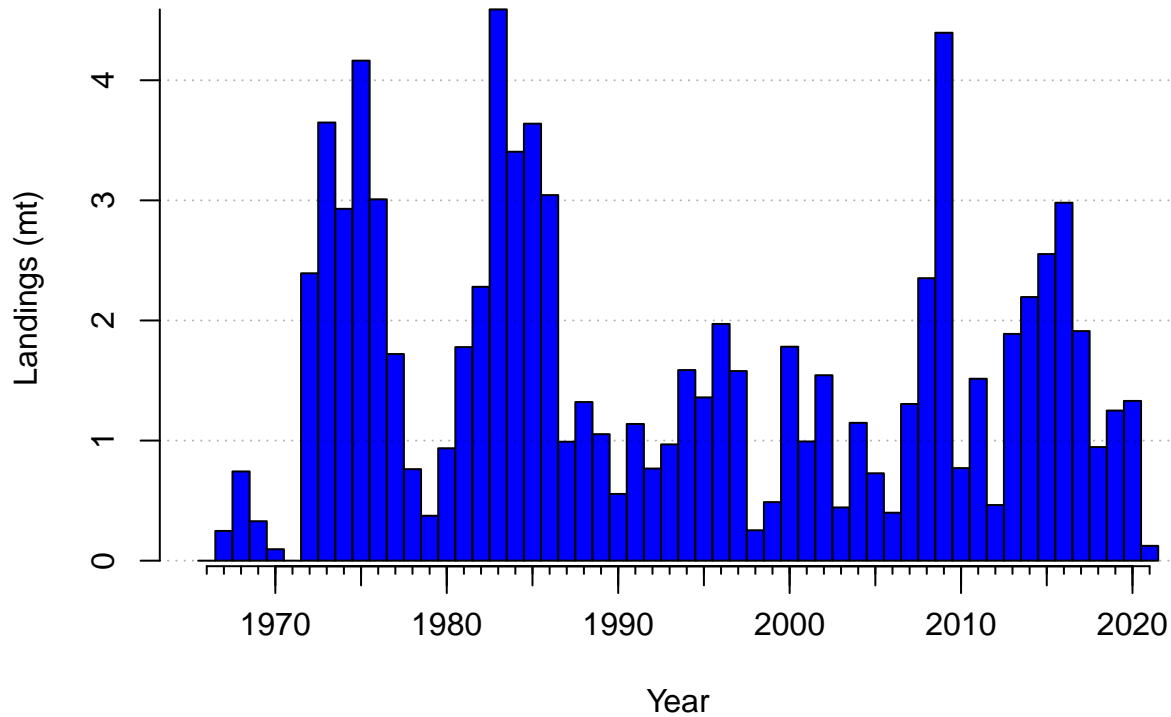


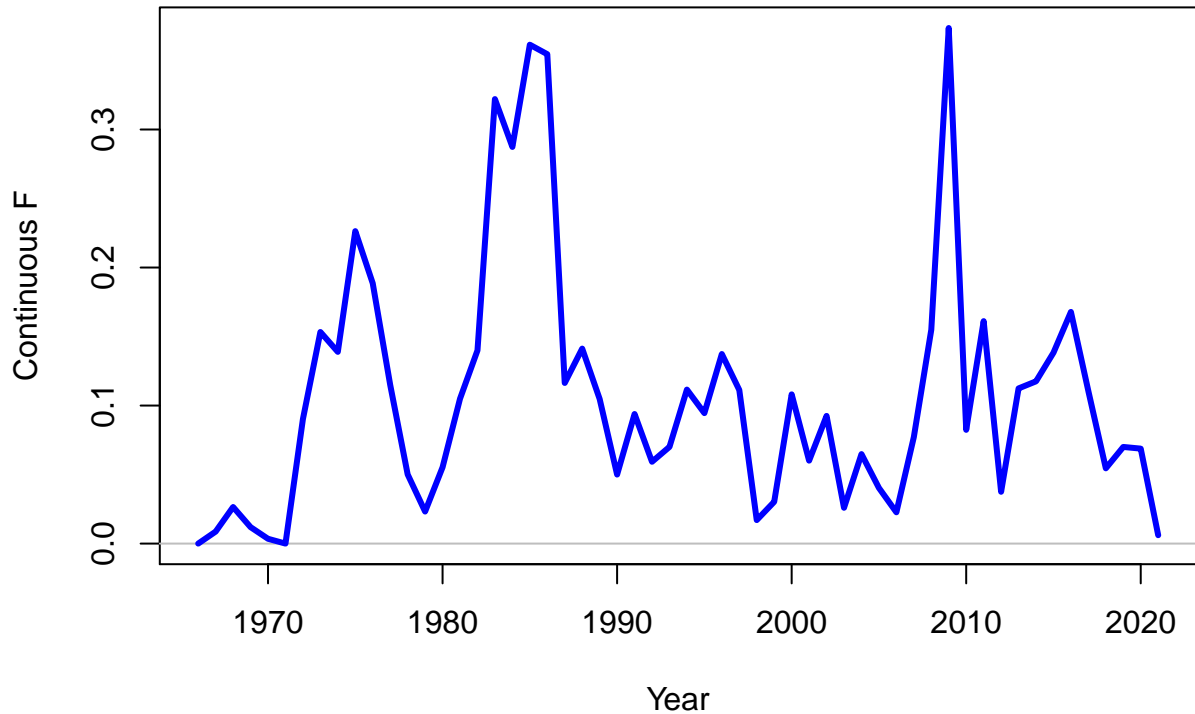


Log recruitment deviation

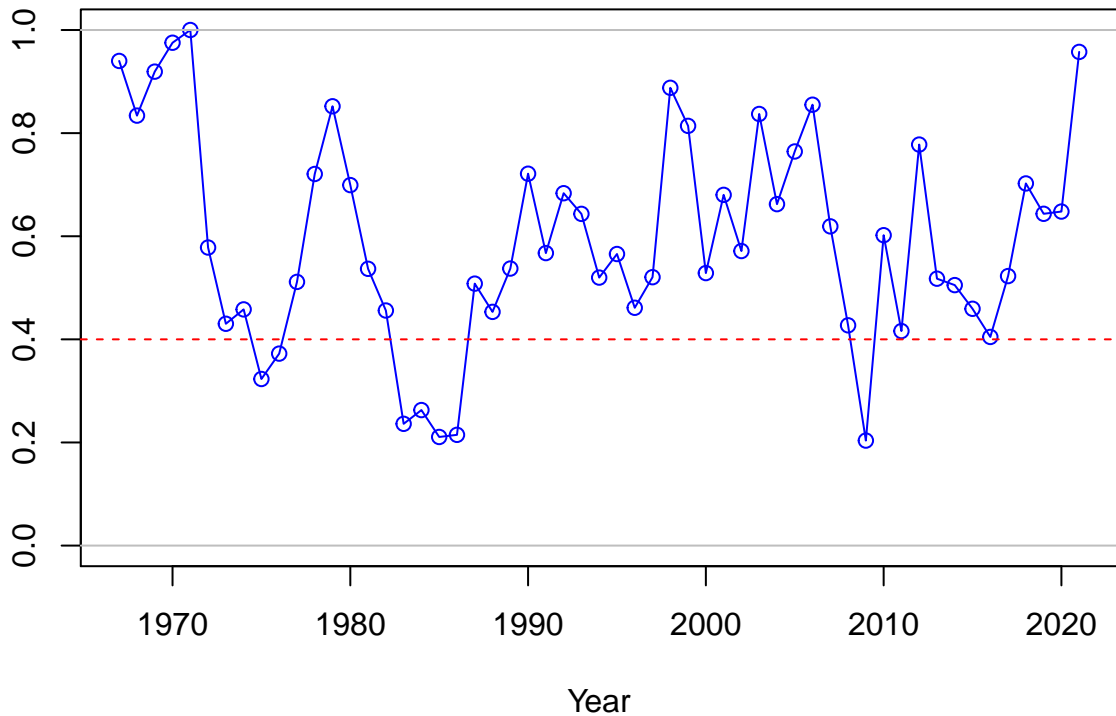




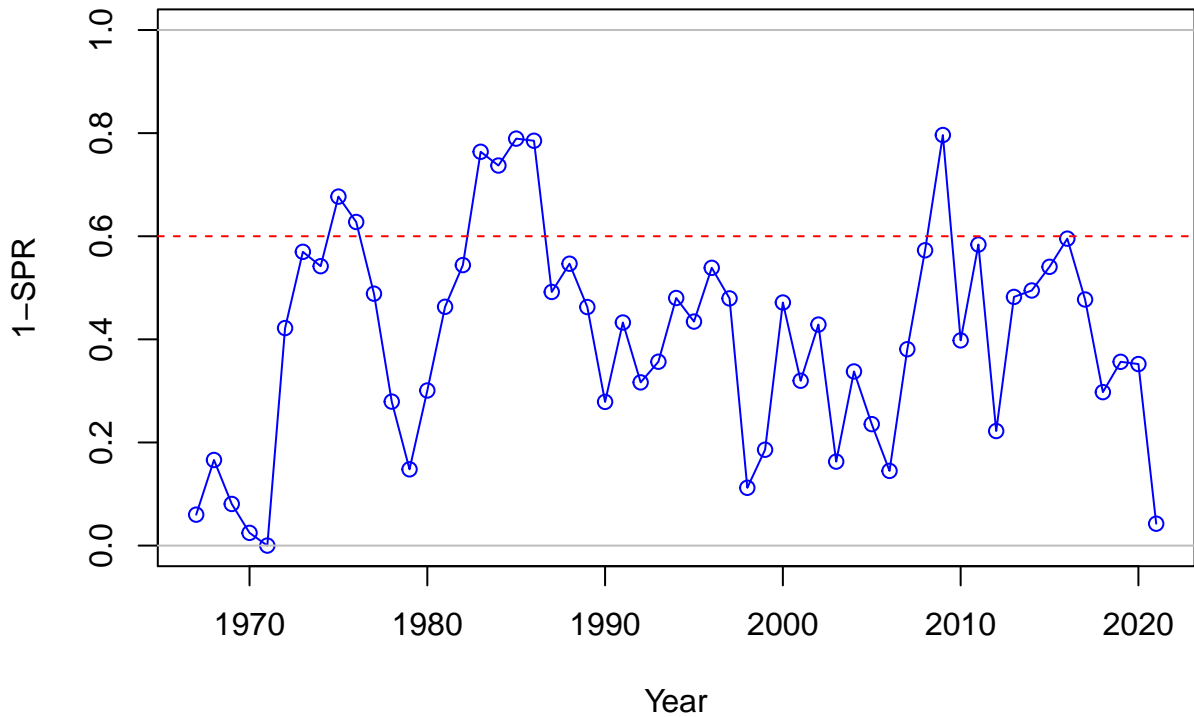




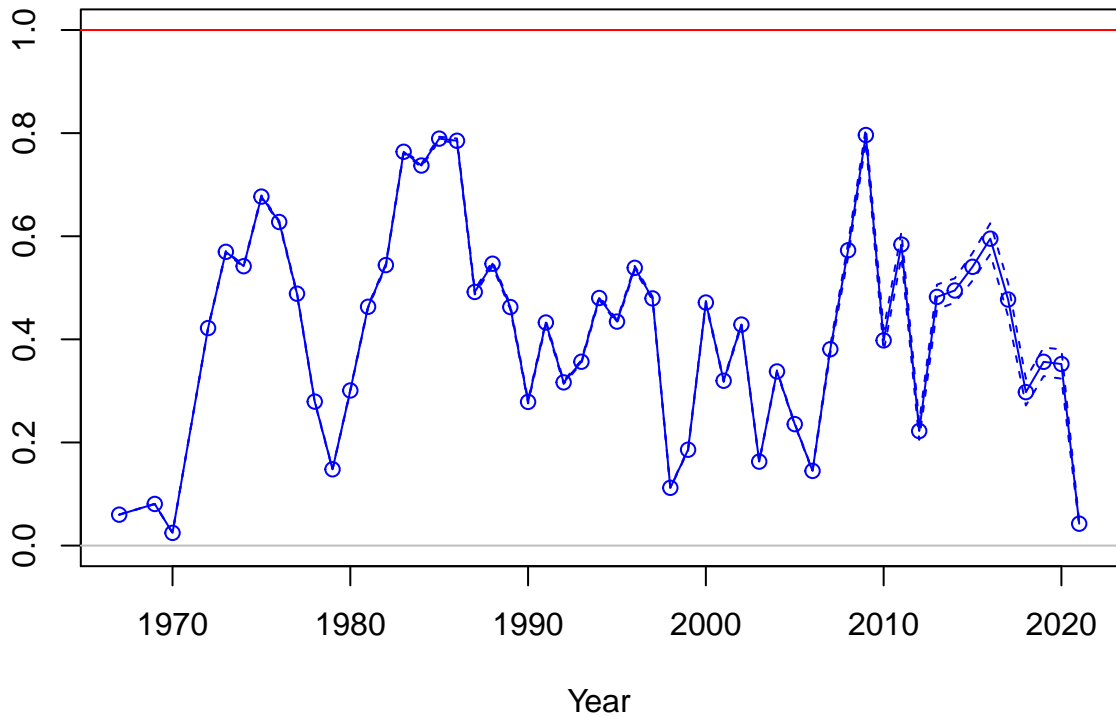
SPR



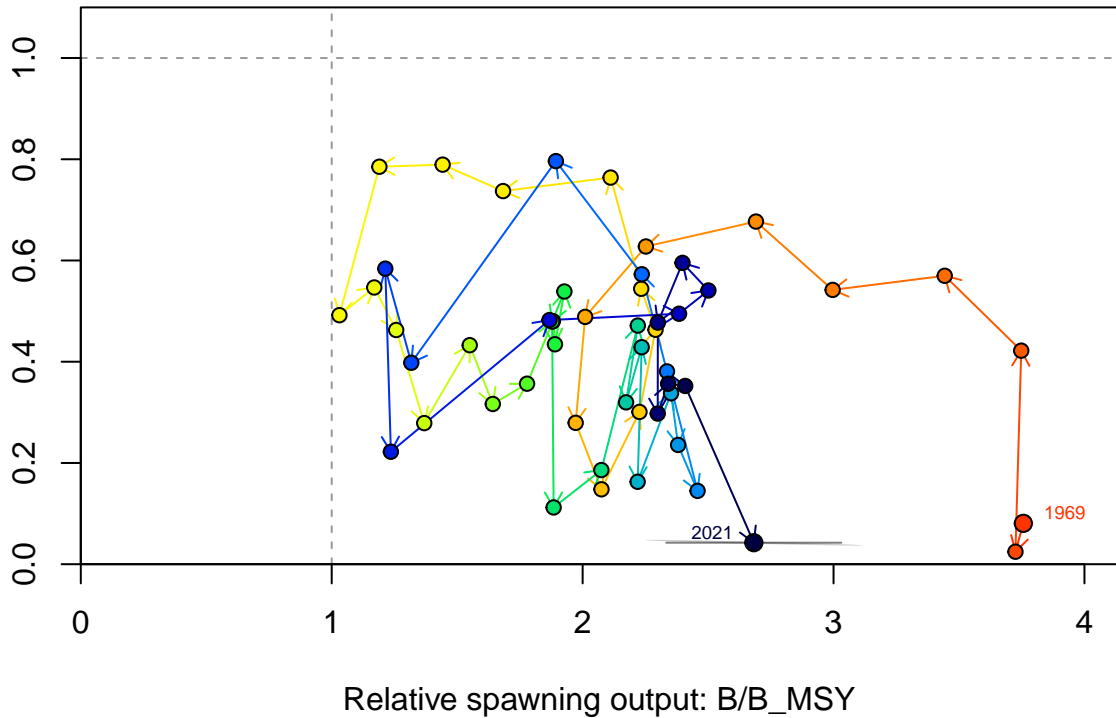




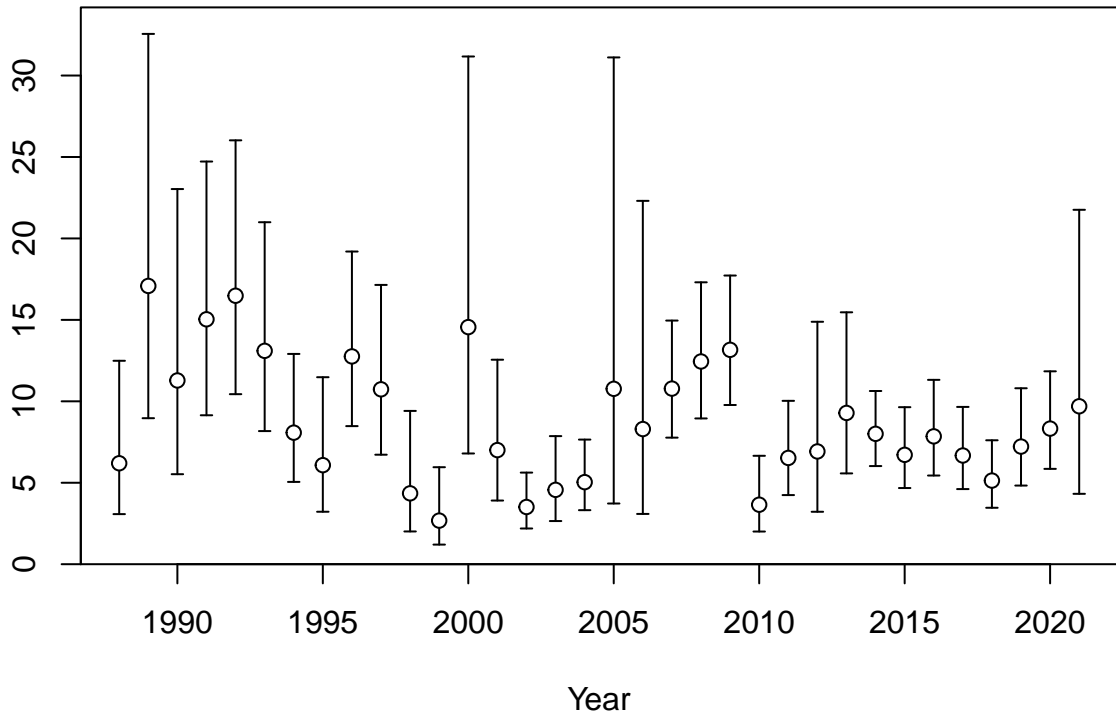
Fishing intensity: 1-SPR



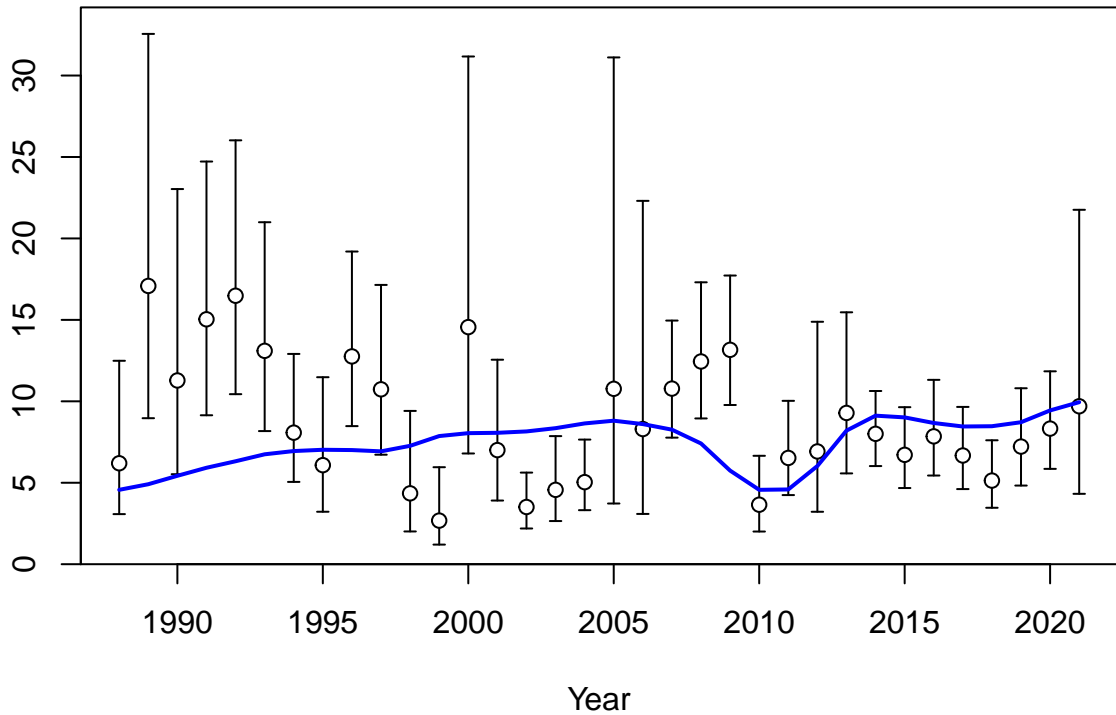
Fishing intensity: 1-SPR

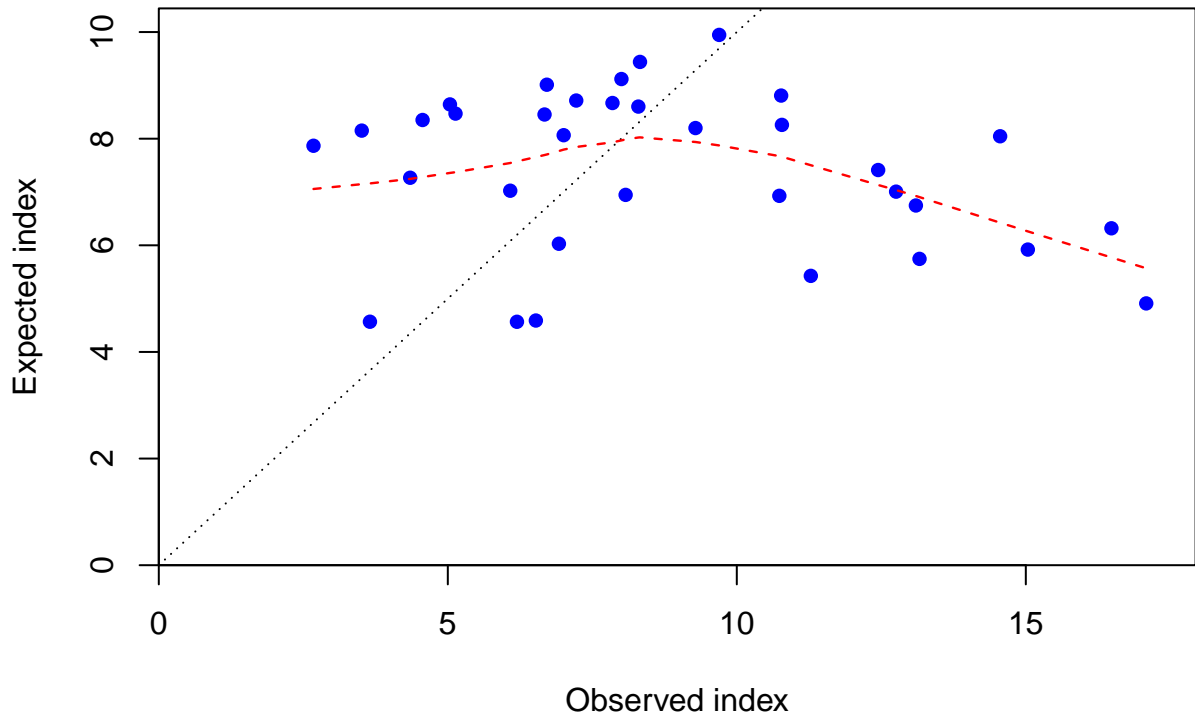


Index

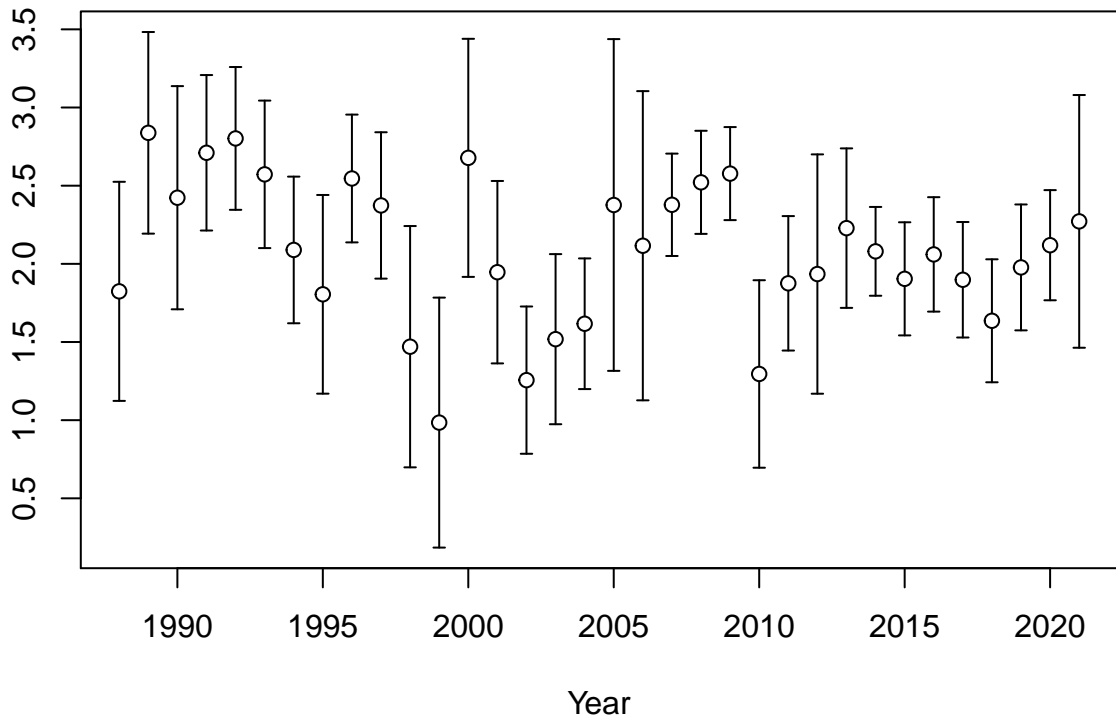


Index

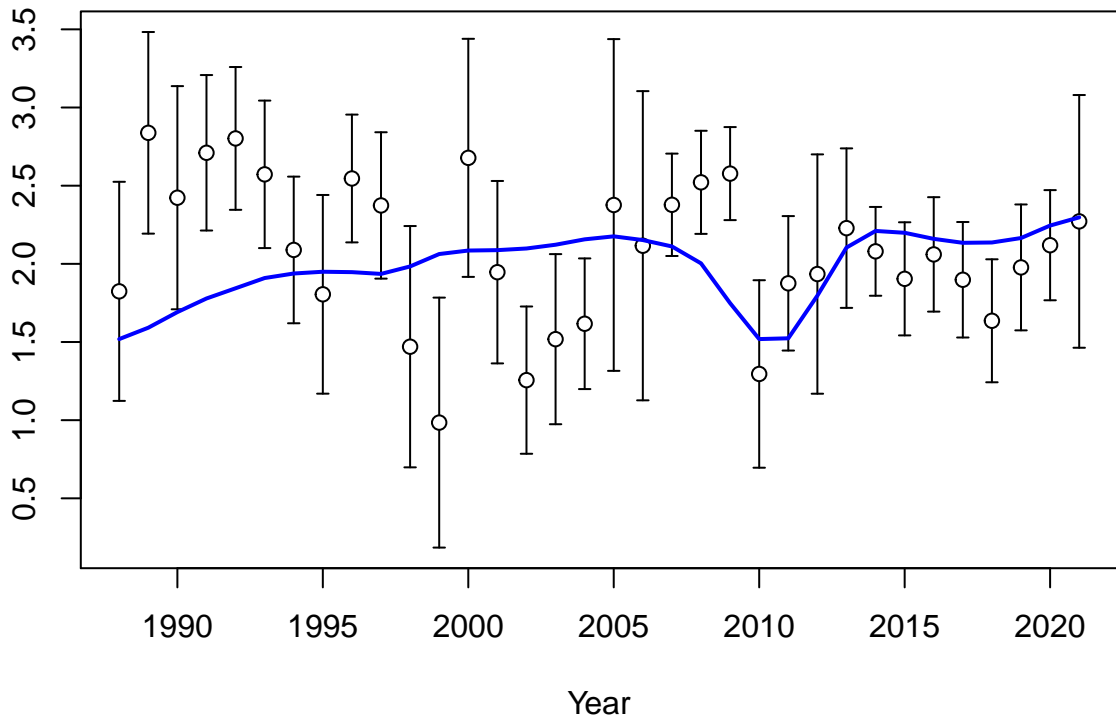




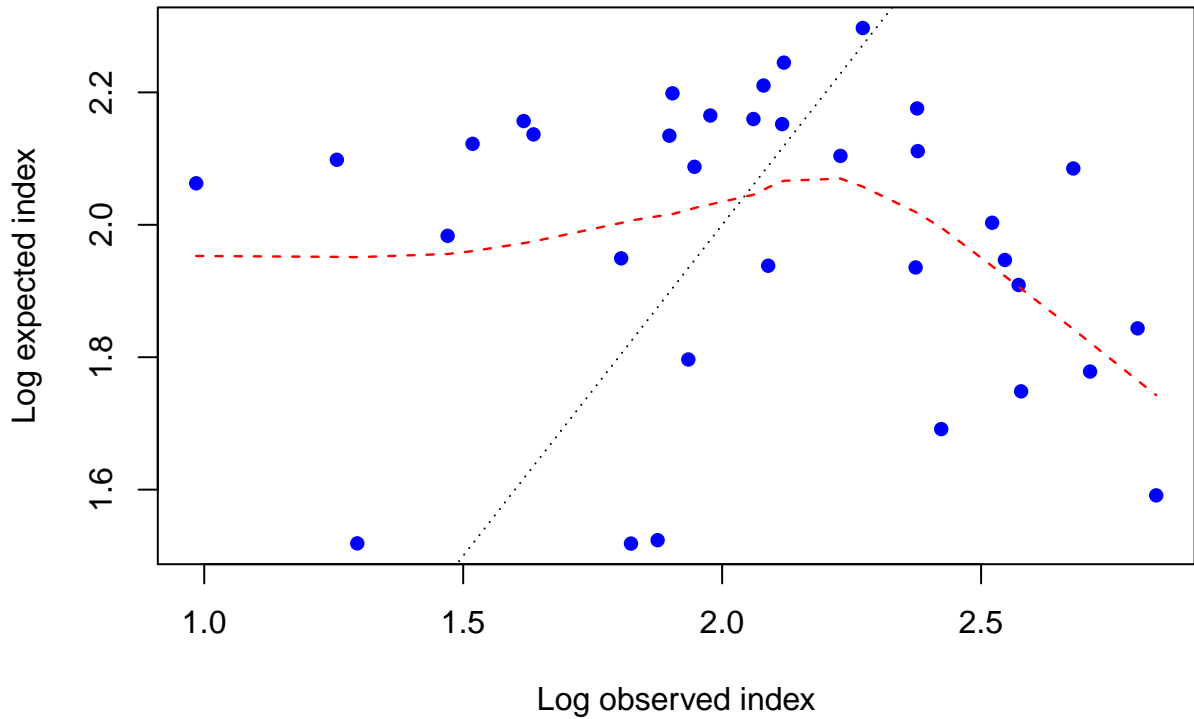
Log index

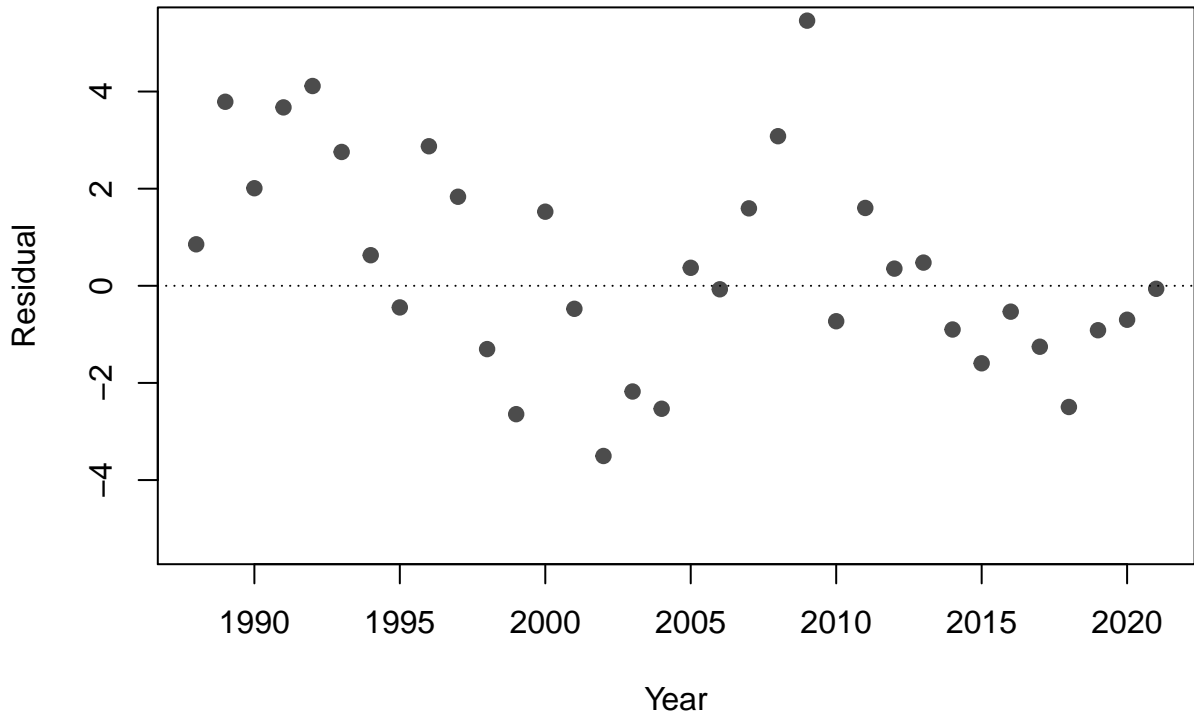


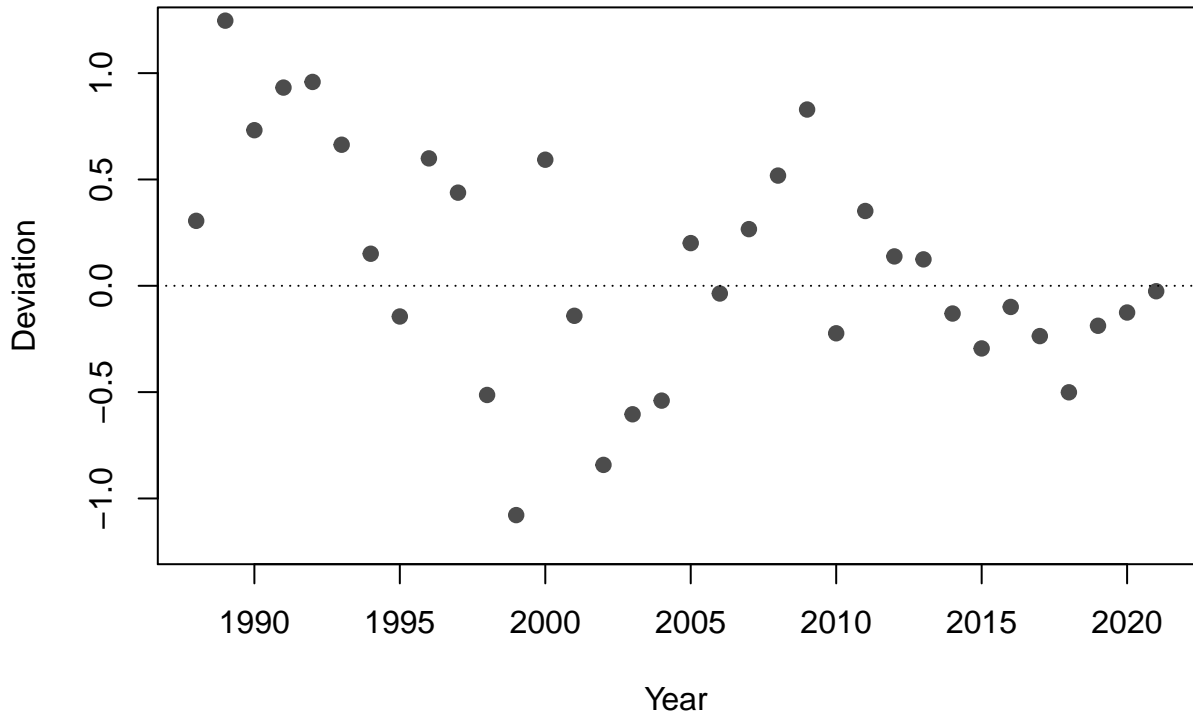
Log index

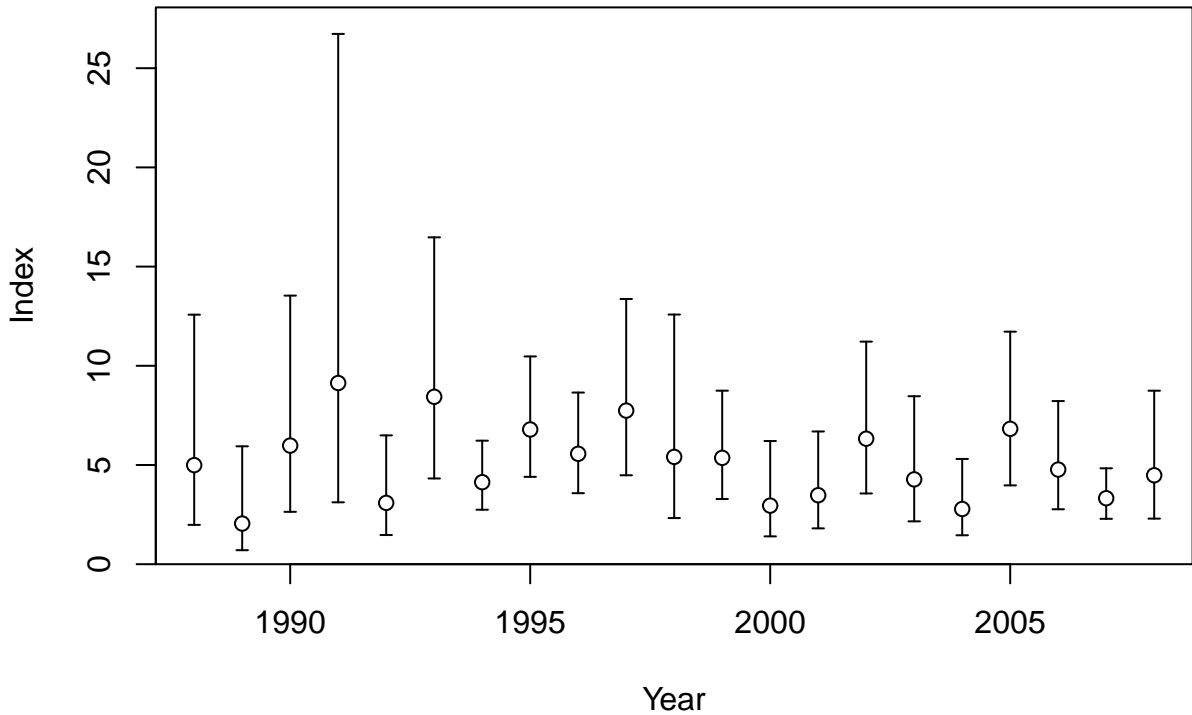


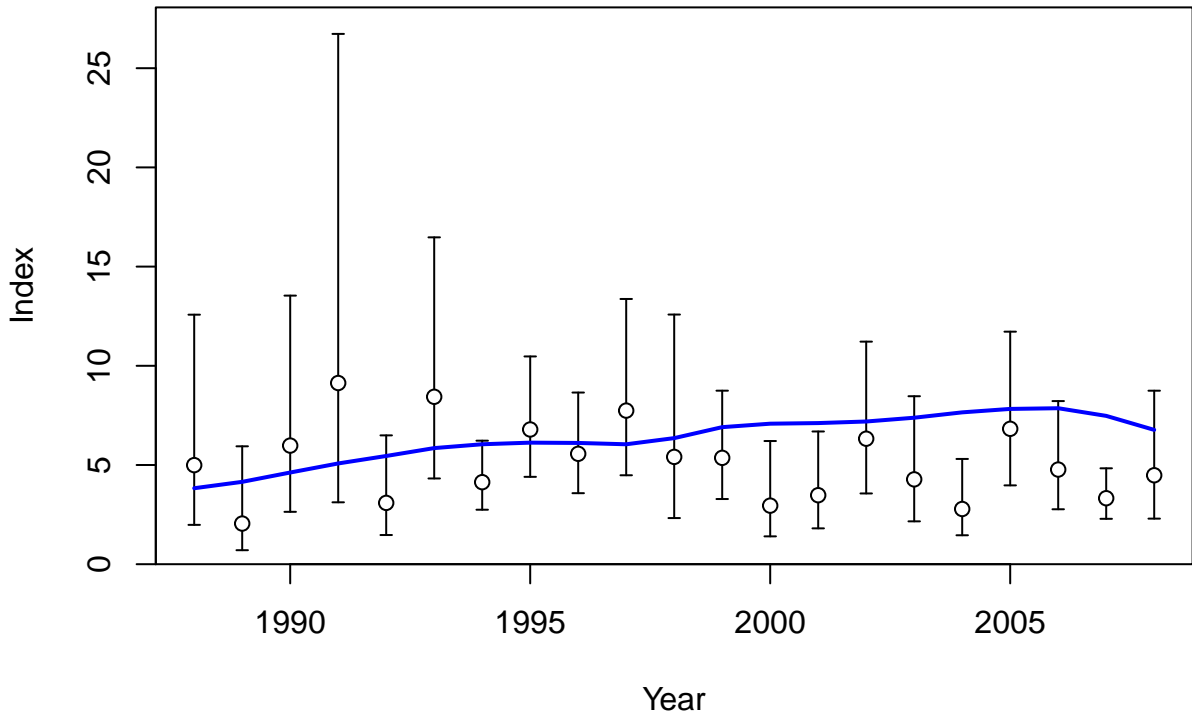


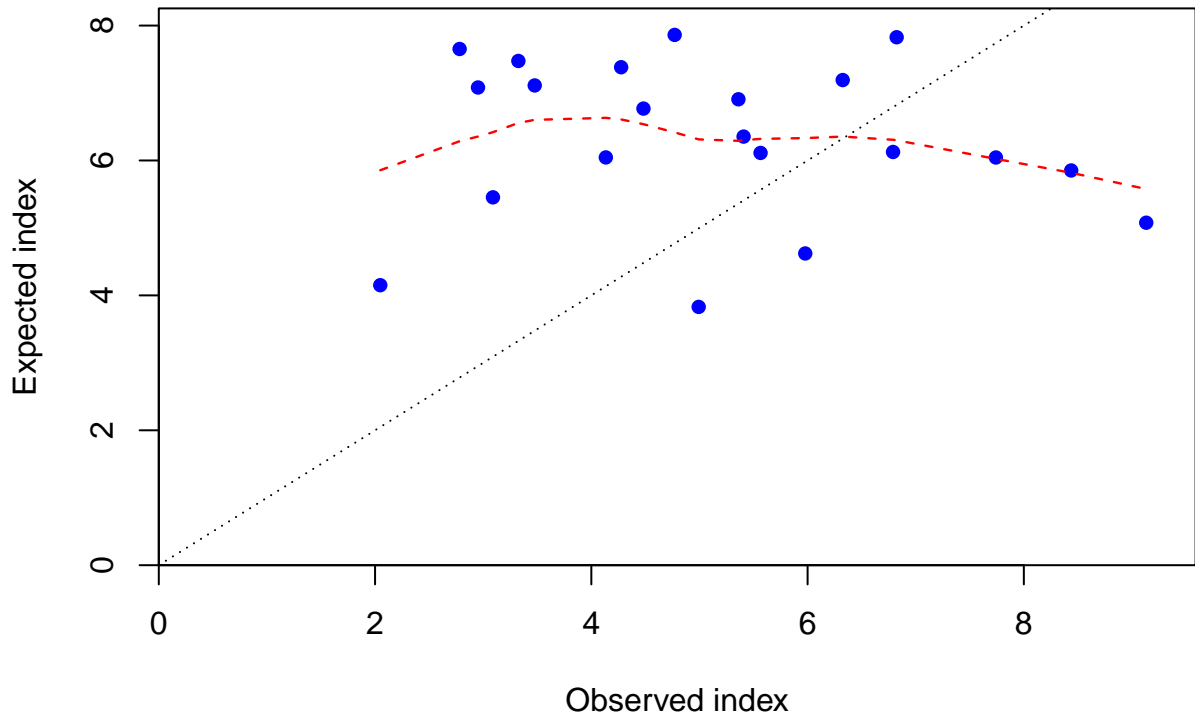


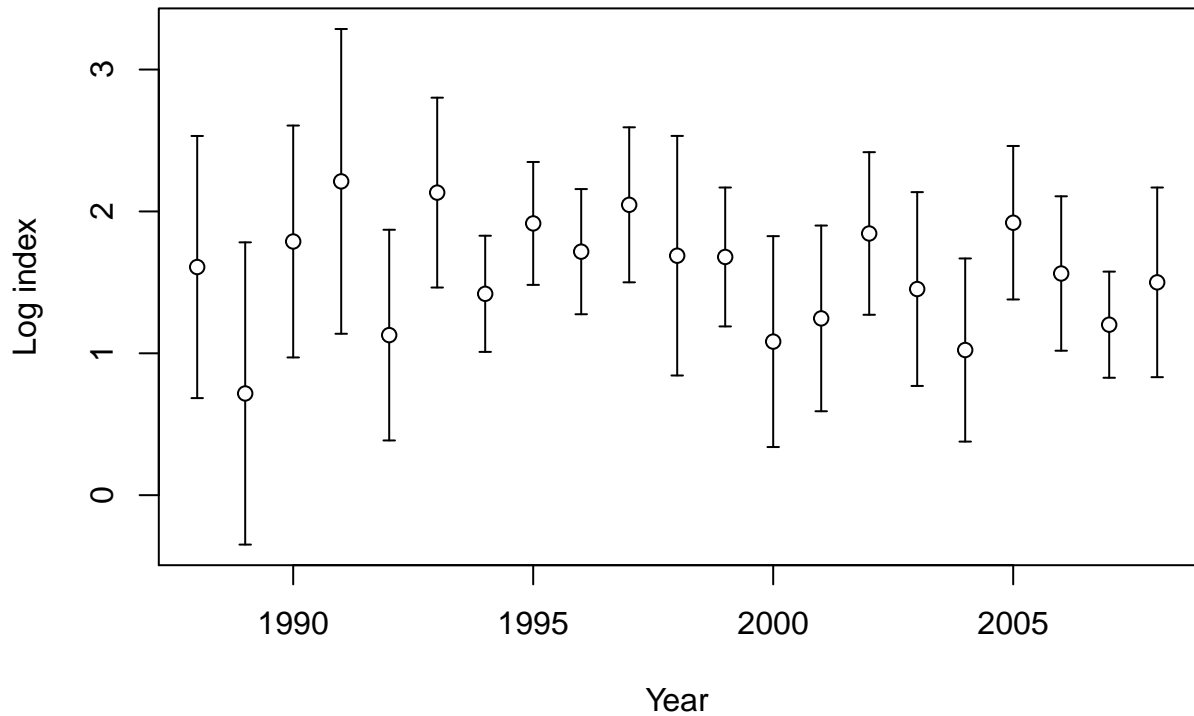


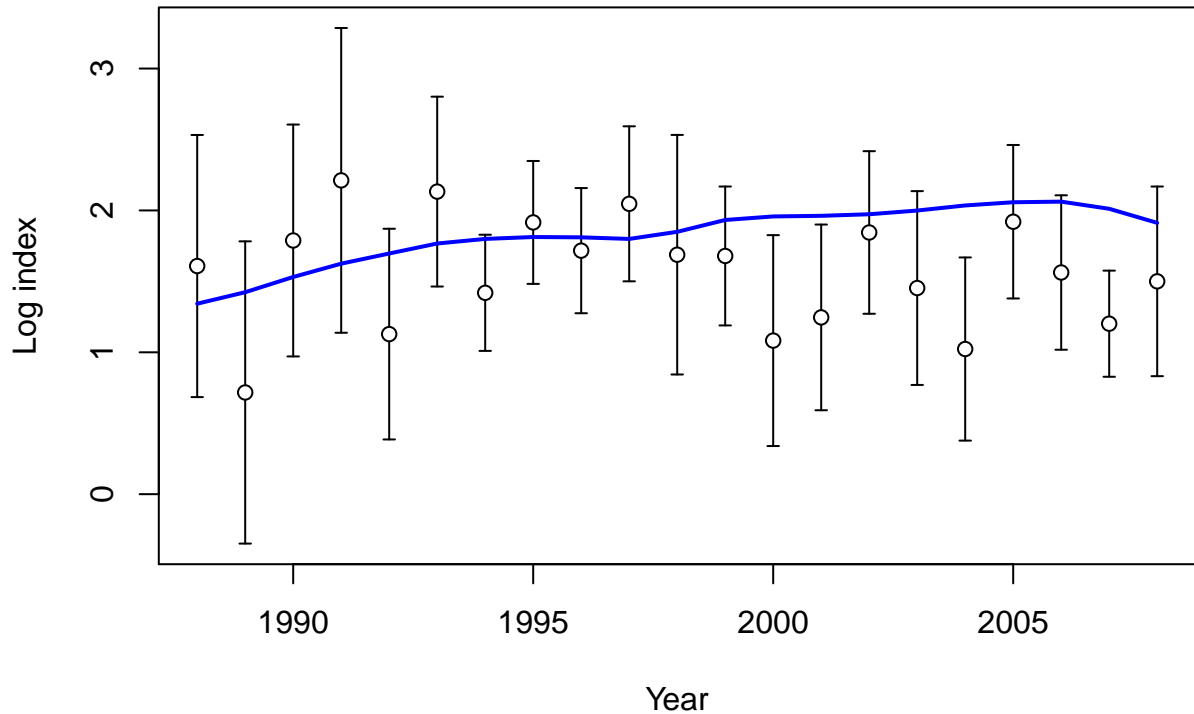




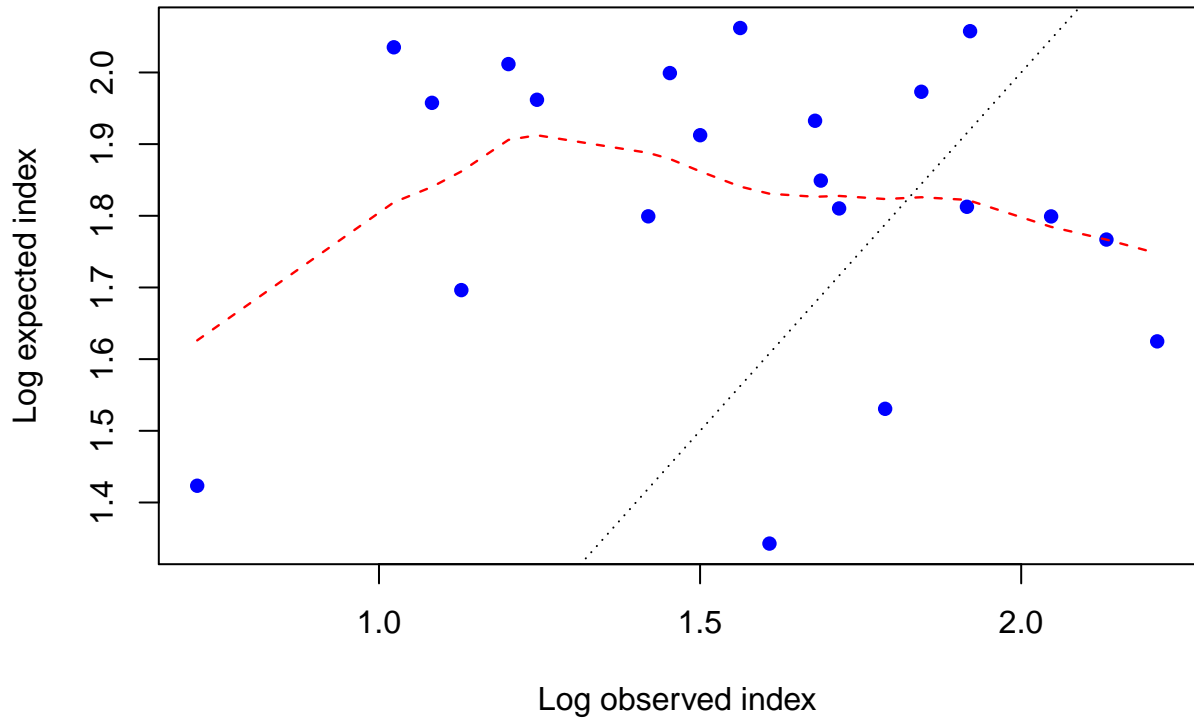


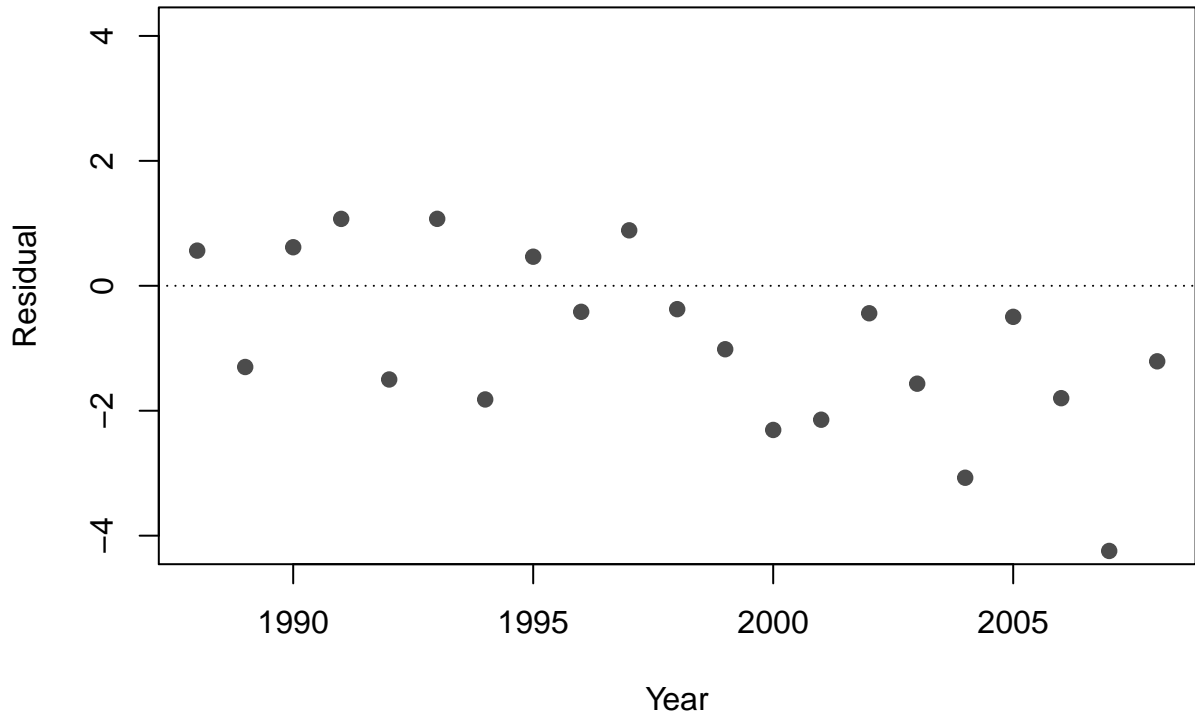




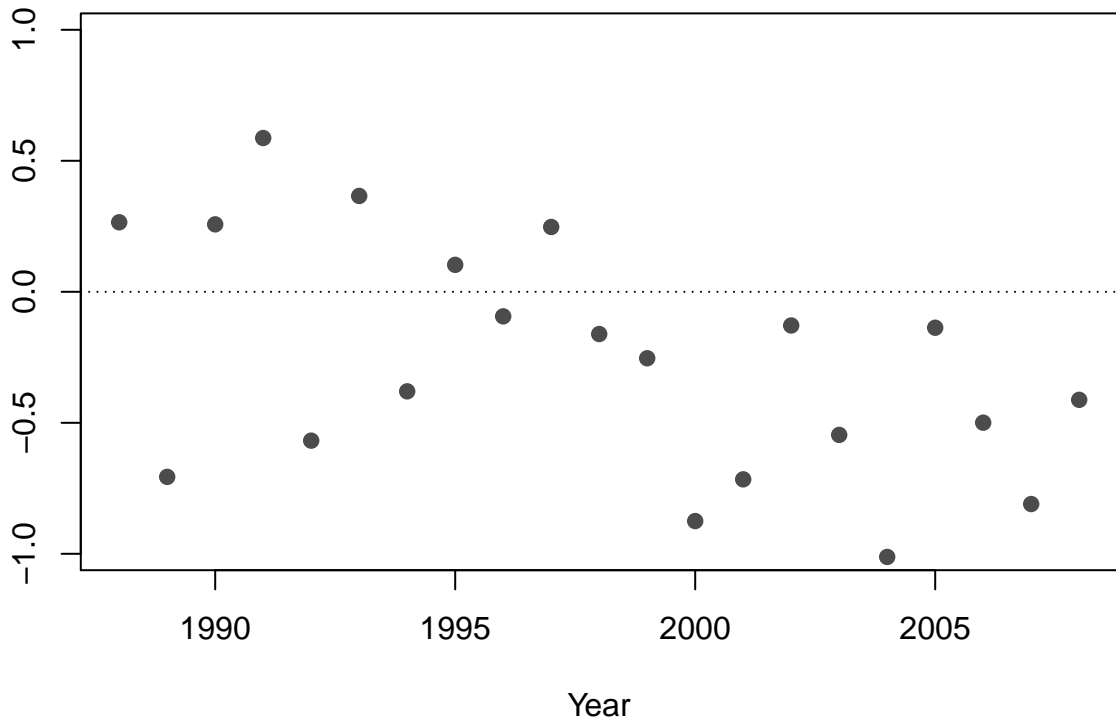




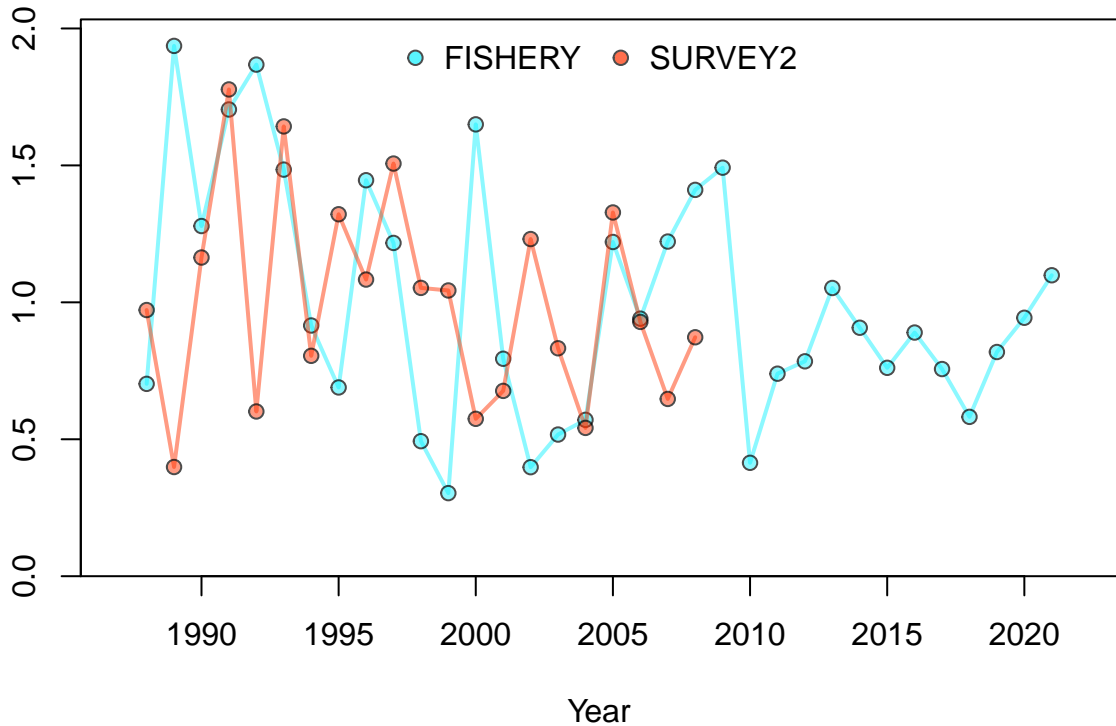


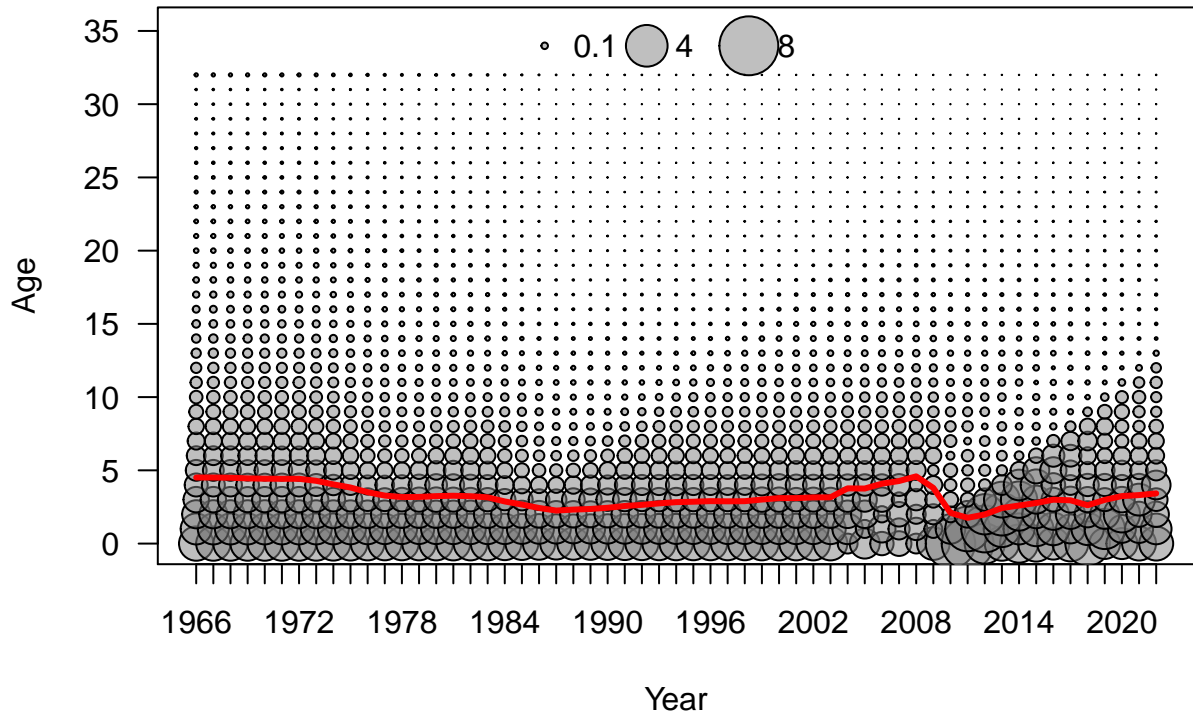


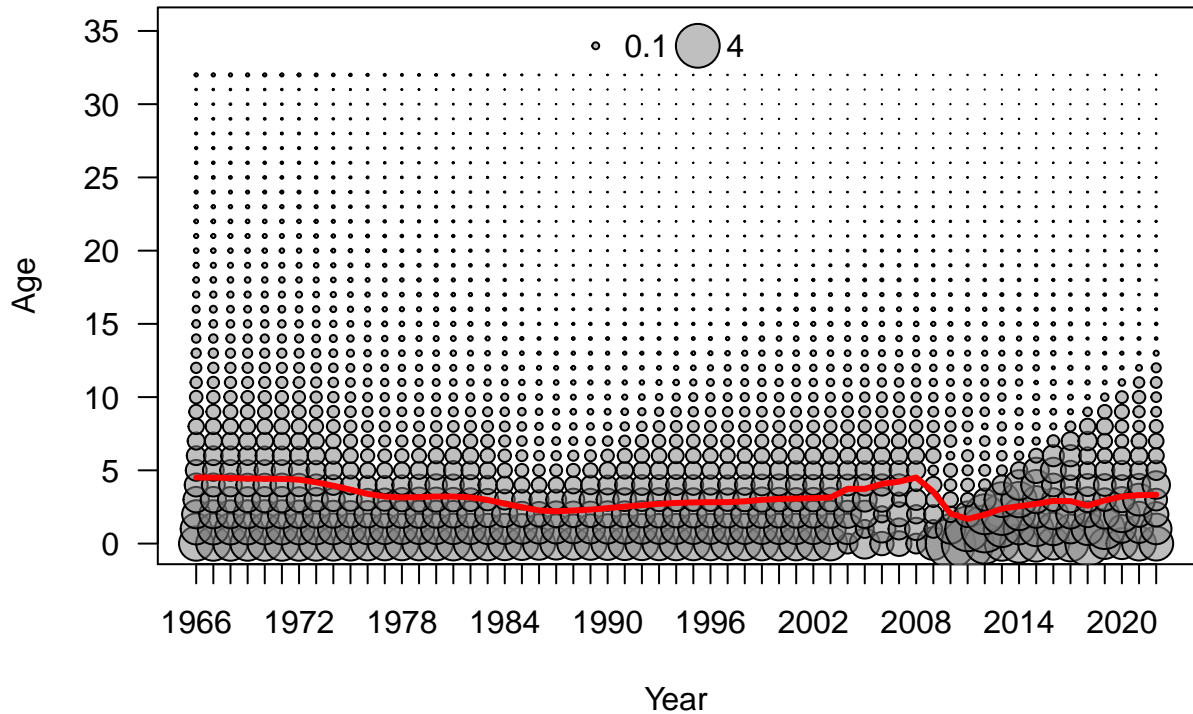
Deviation

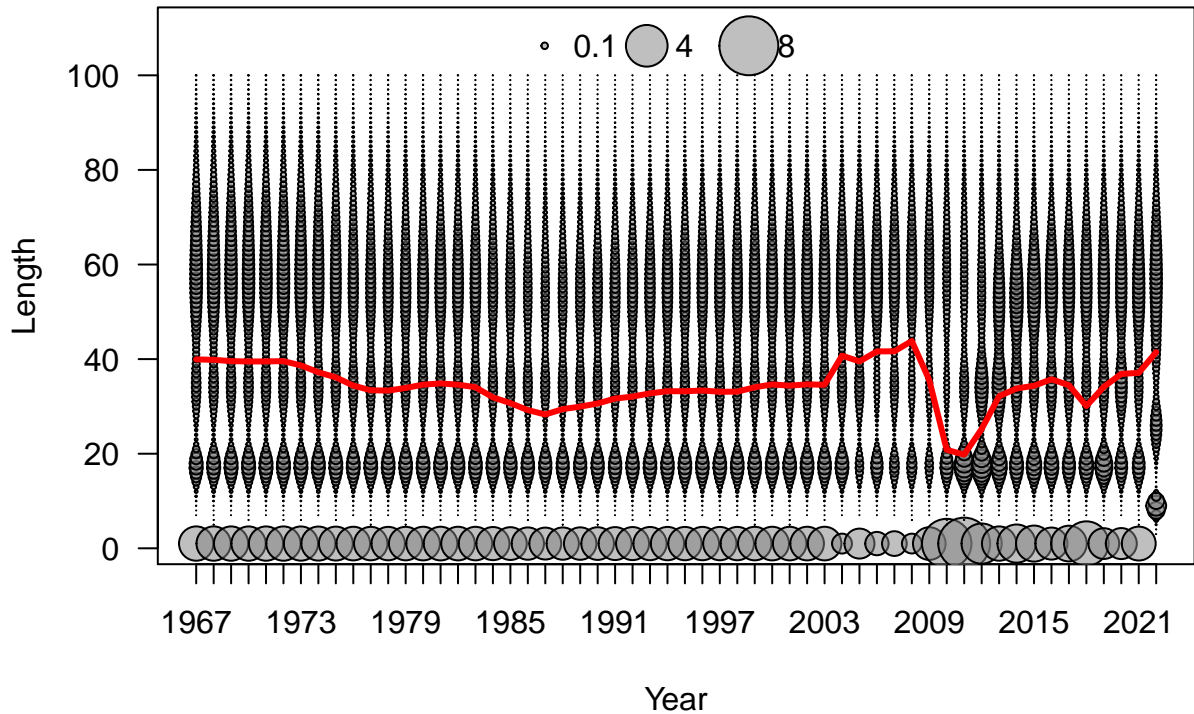


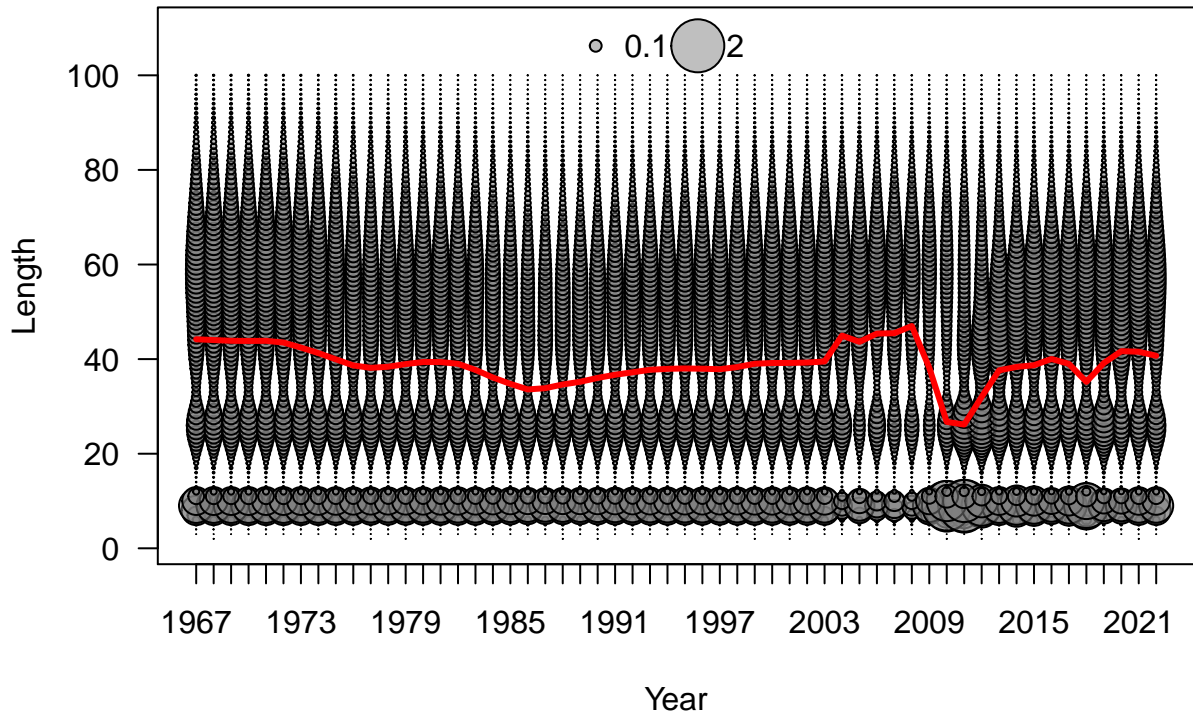
Standardized index



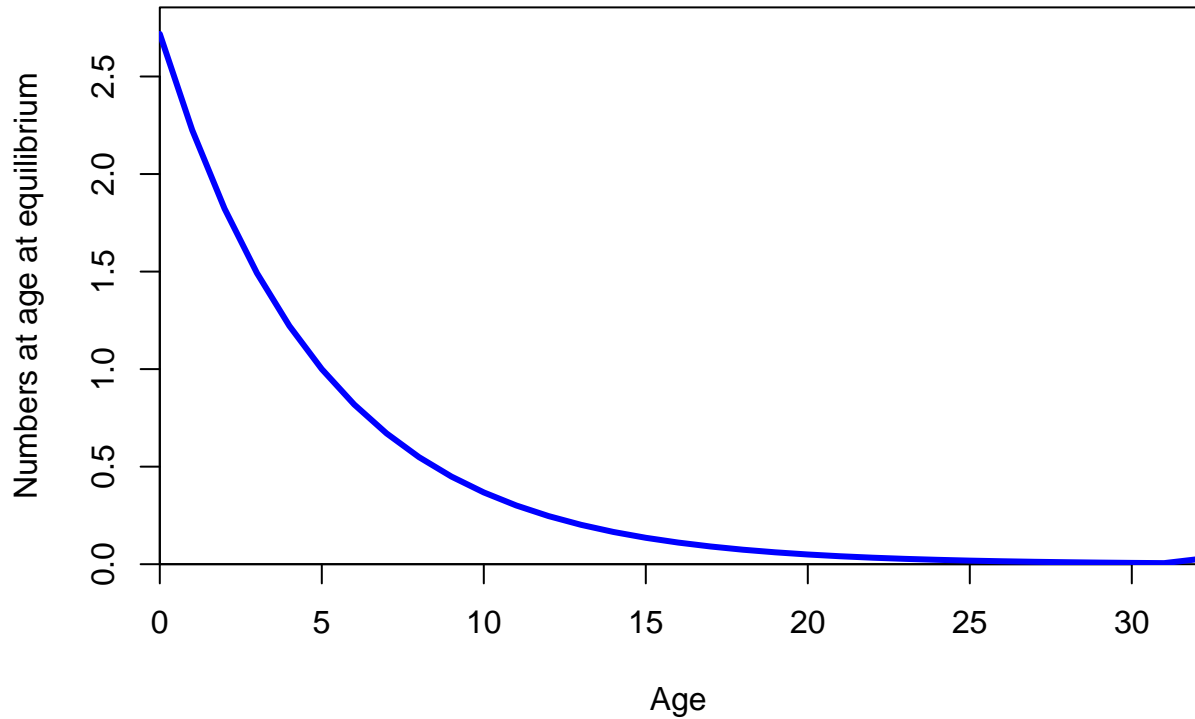


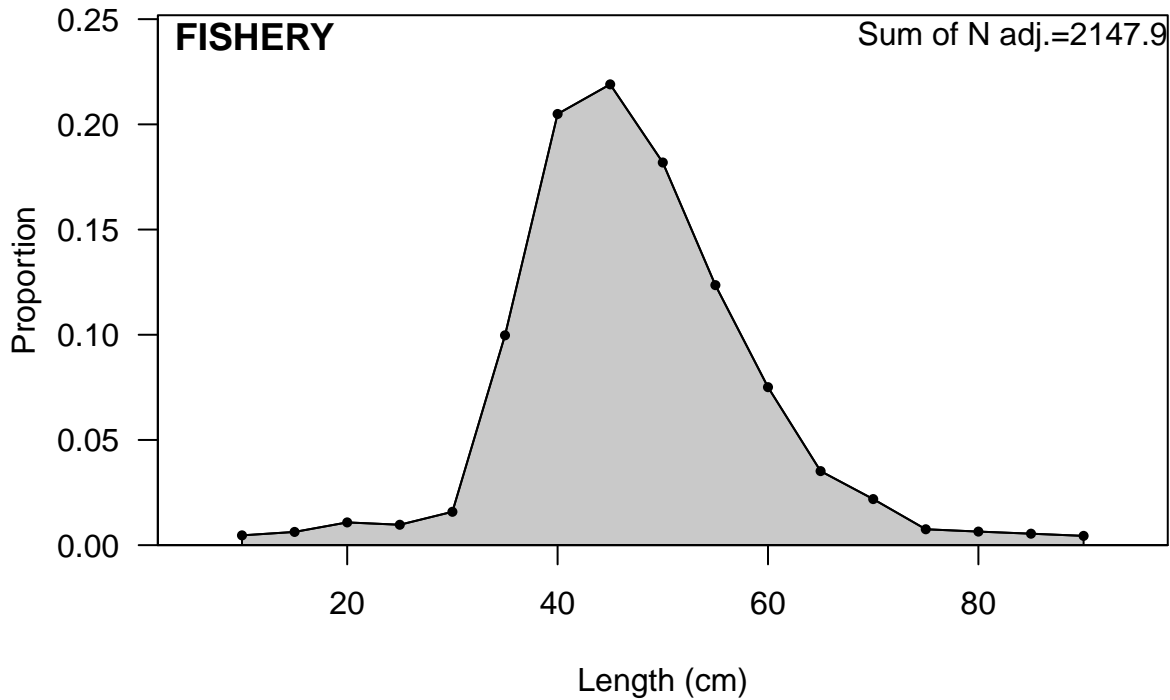






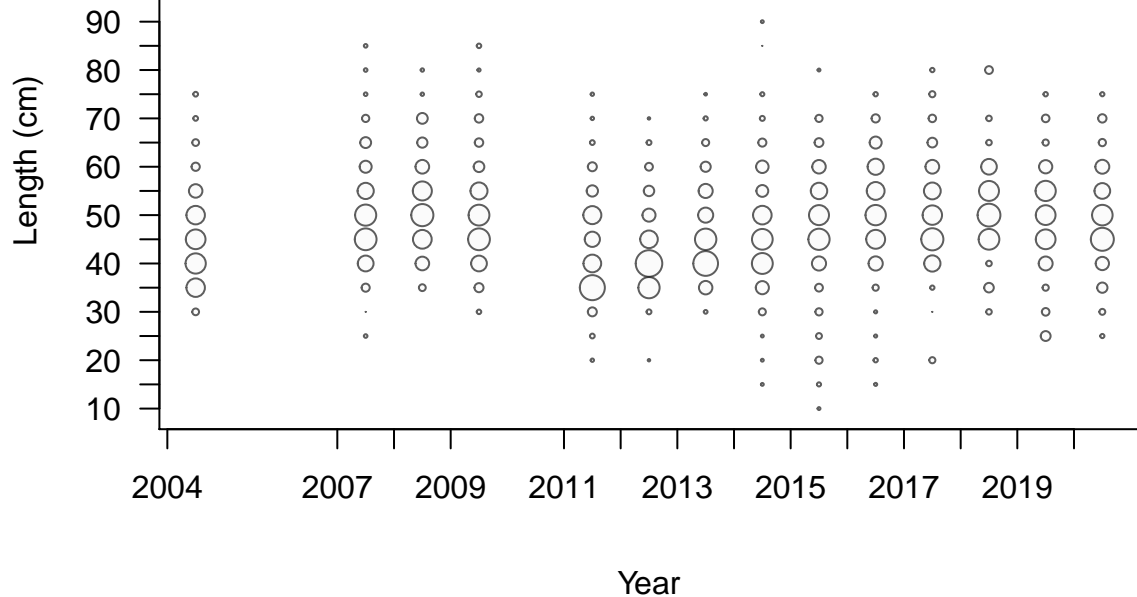




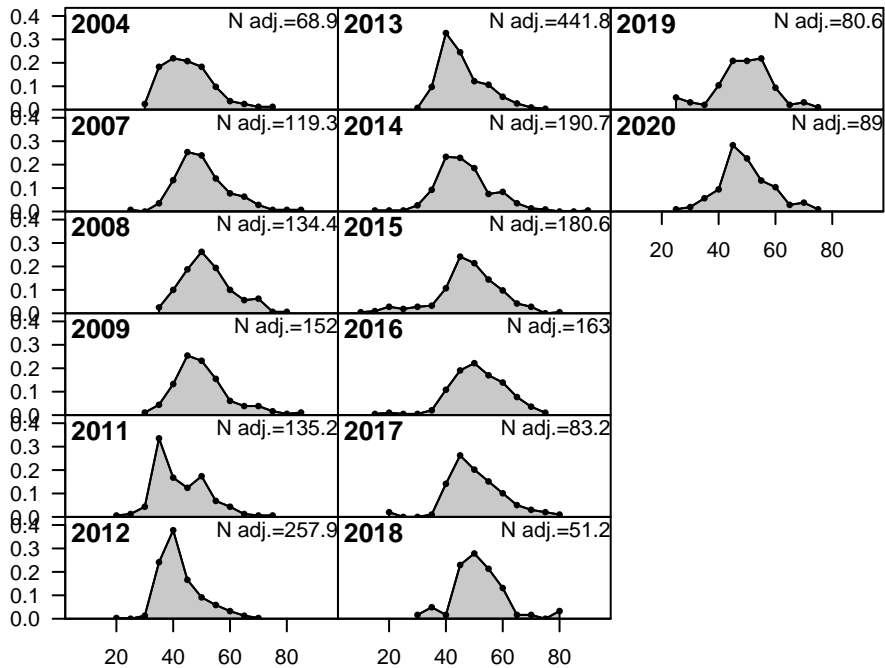


# FISHERY

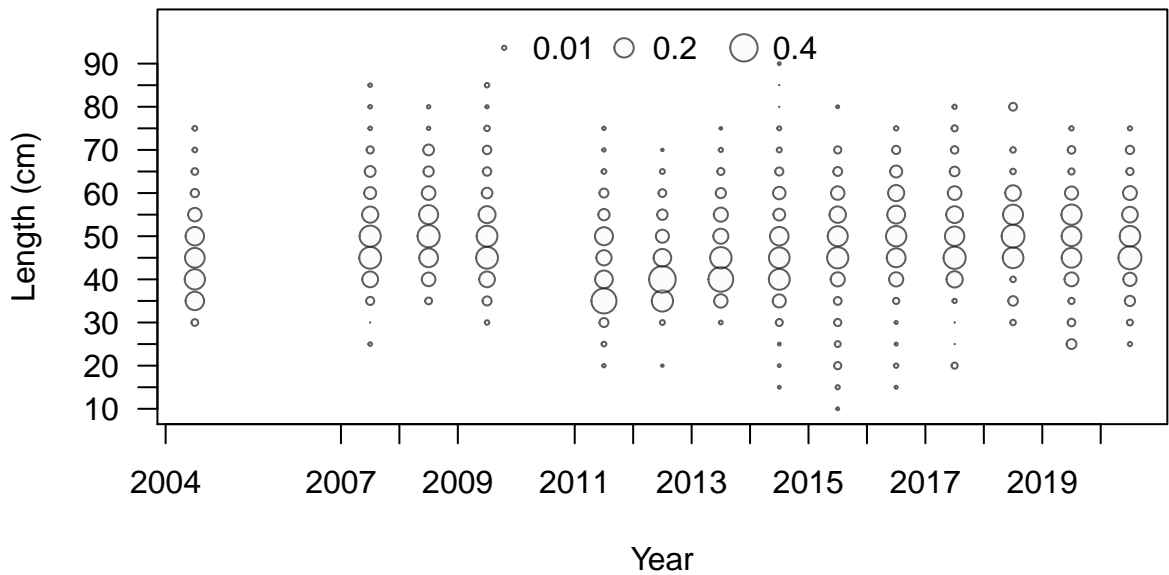
• 0.01 ○ 0.2 ○ 0.4



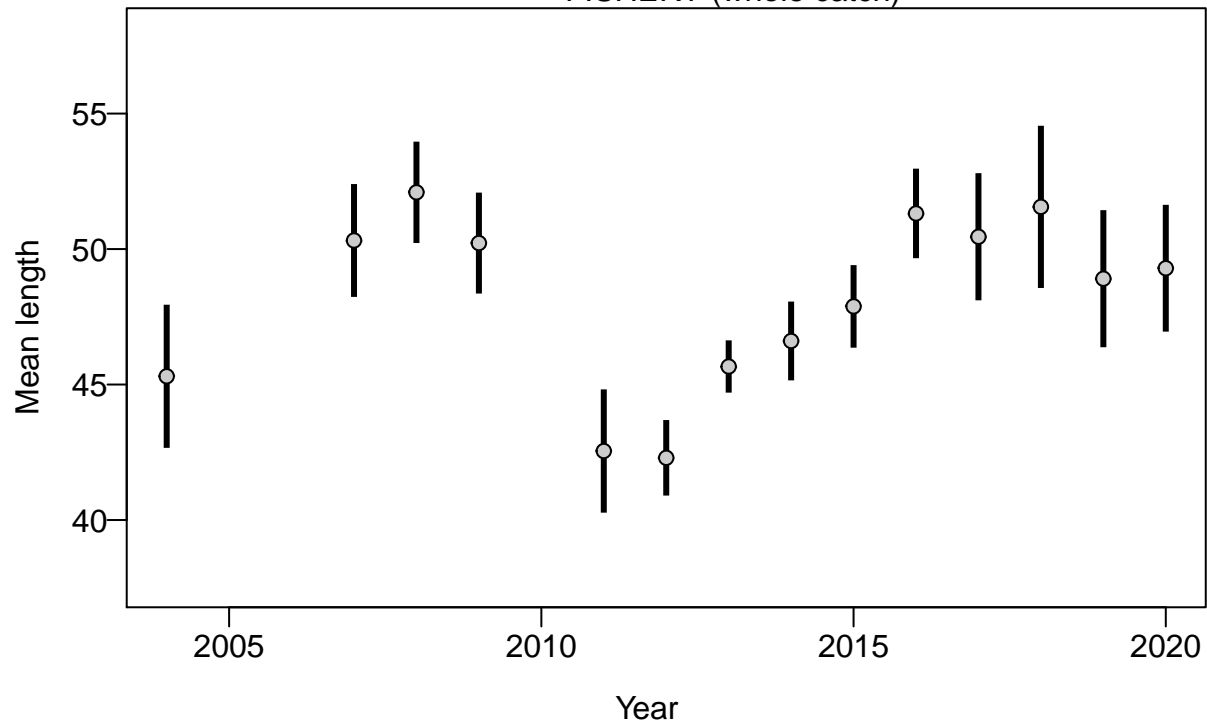
Proportion

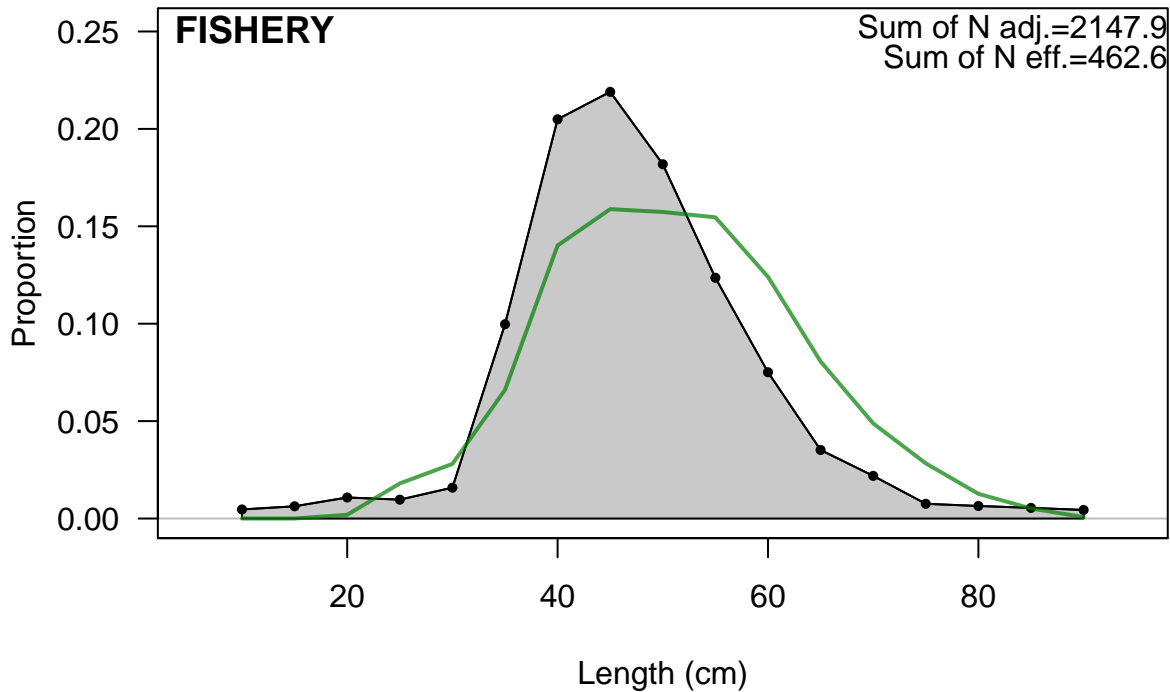


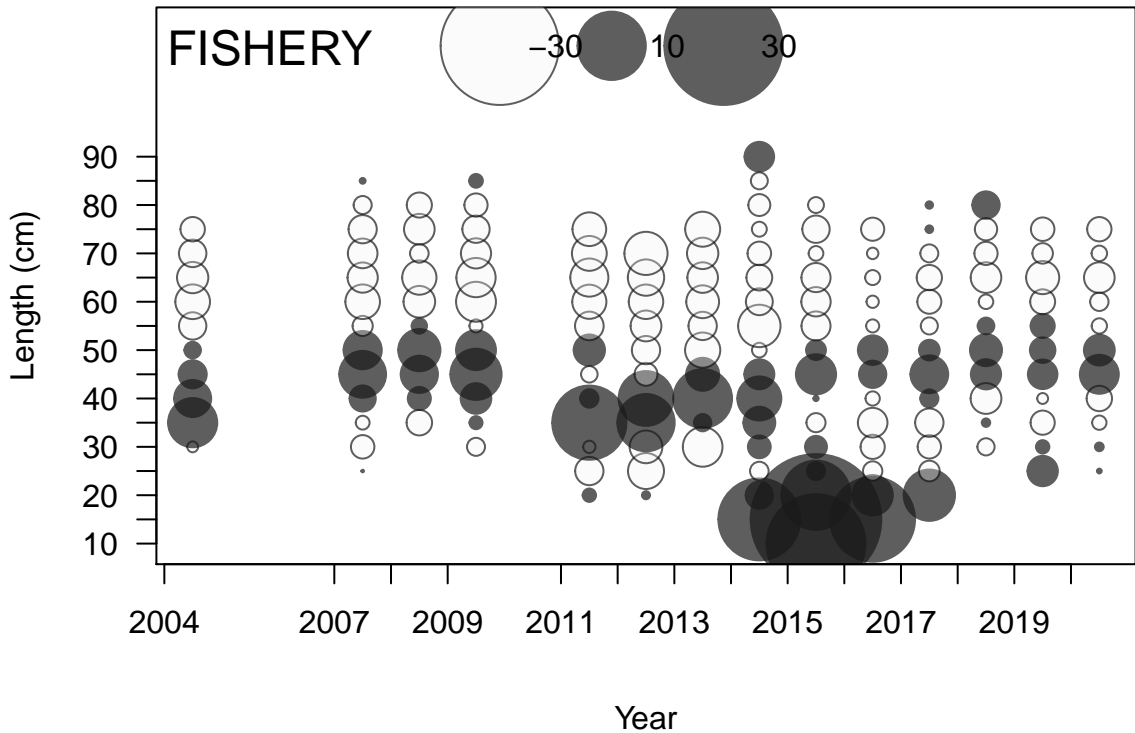
Length (cm)



FISHERY (whole catch)

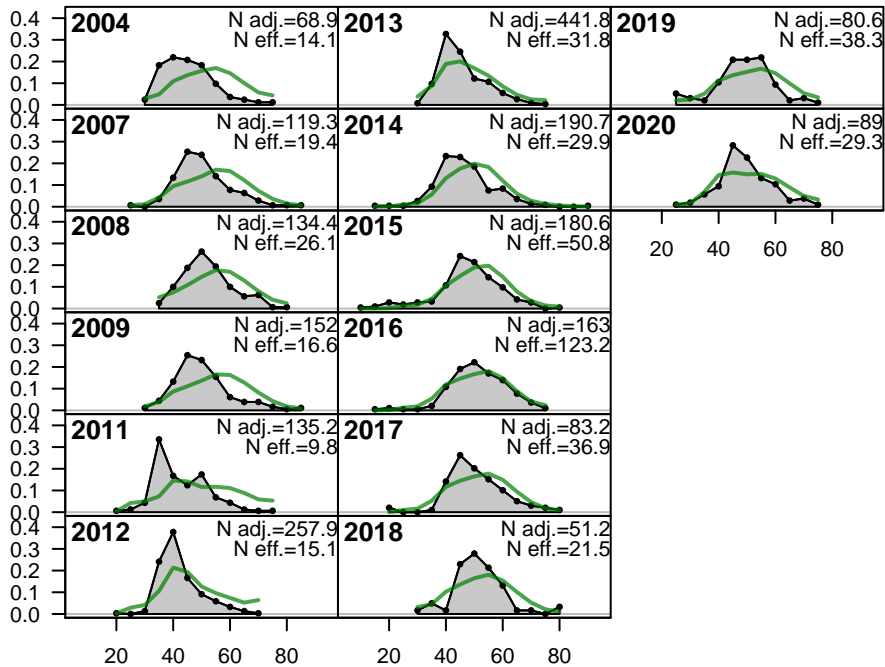






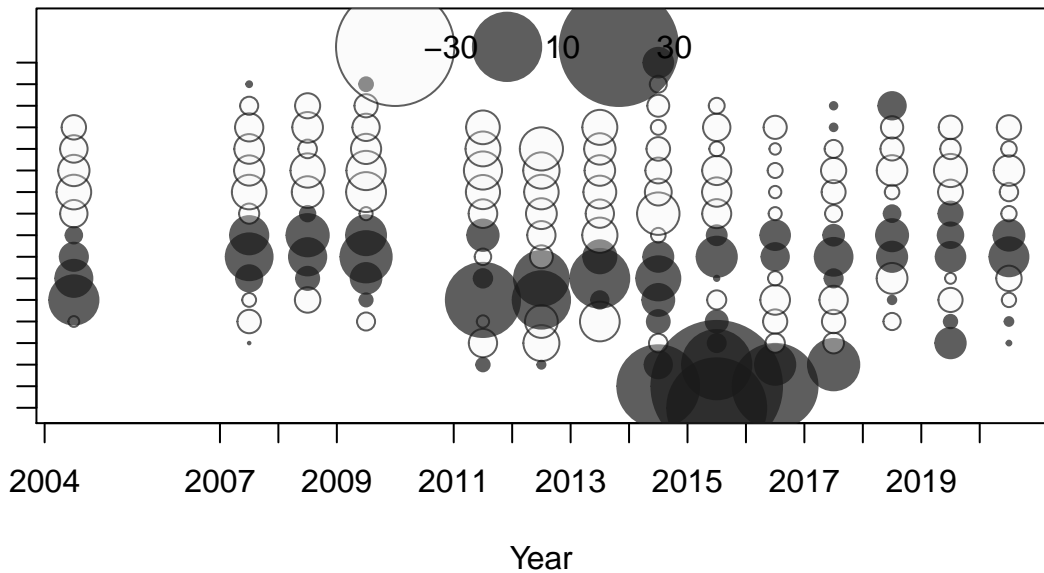


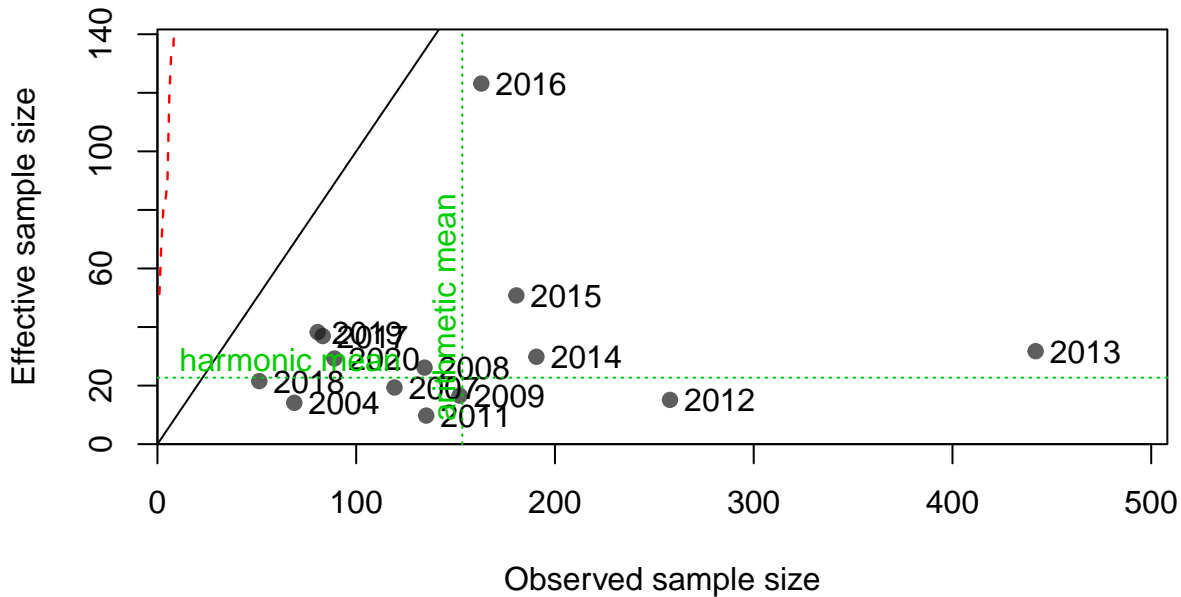
Proportion



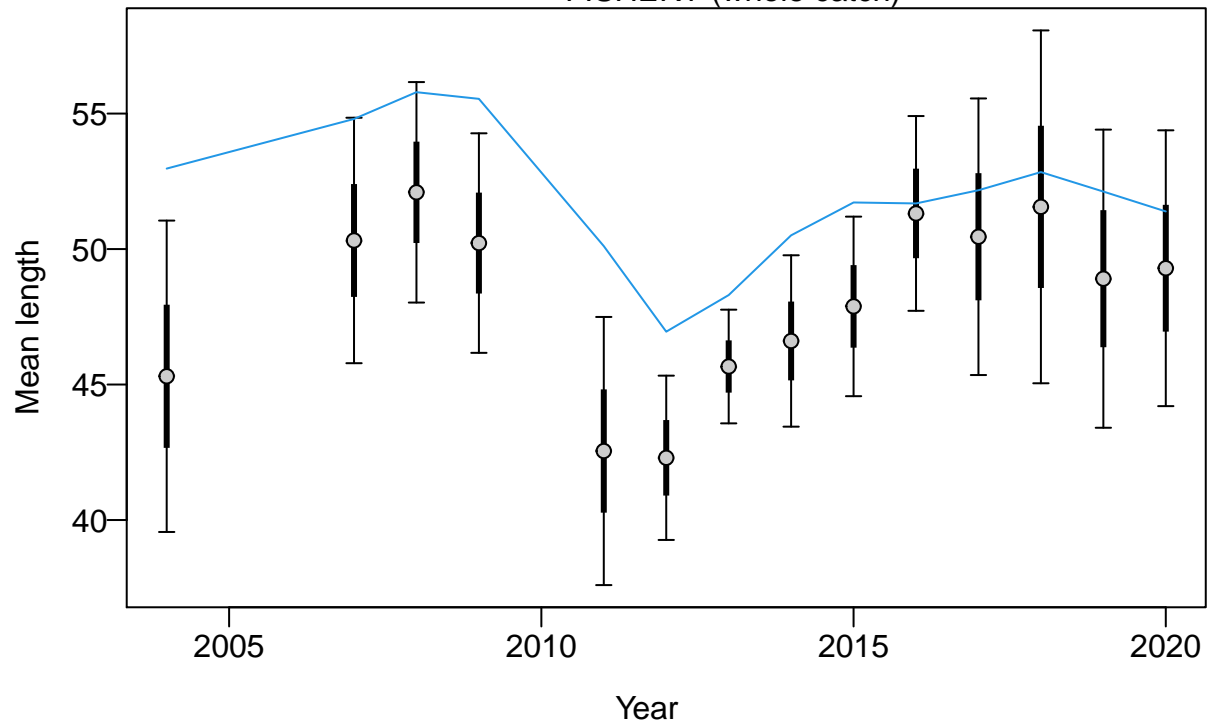
Length (cm)

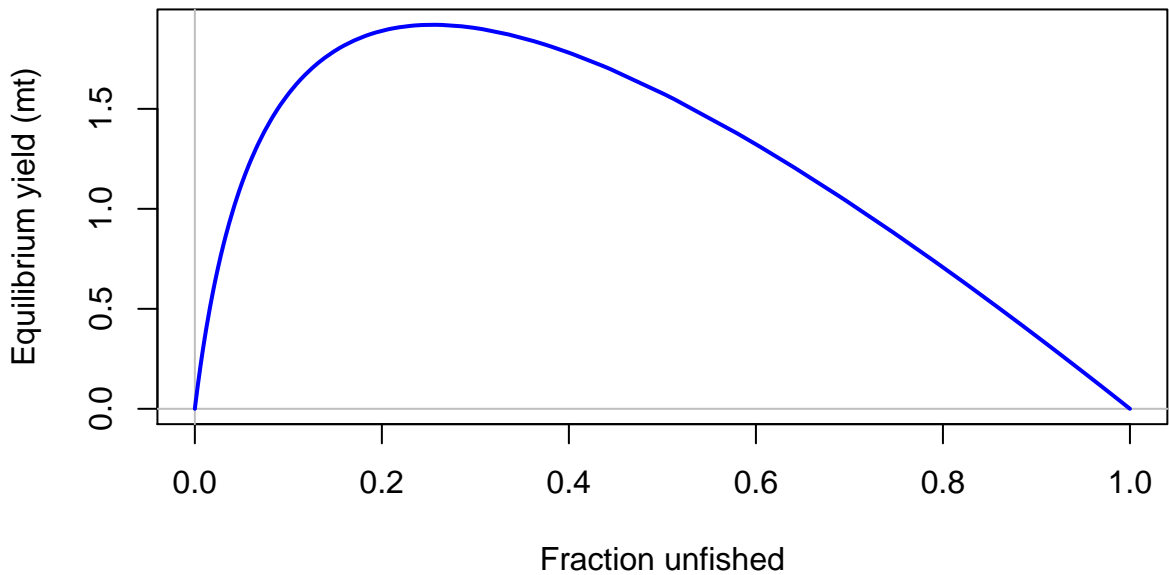
Length (cm)

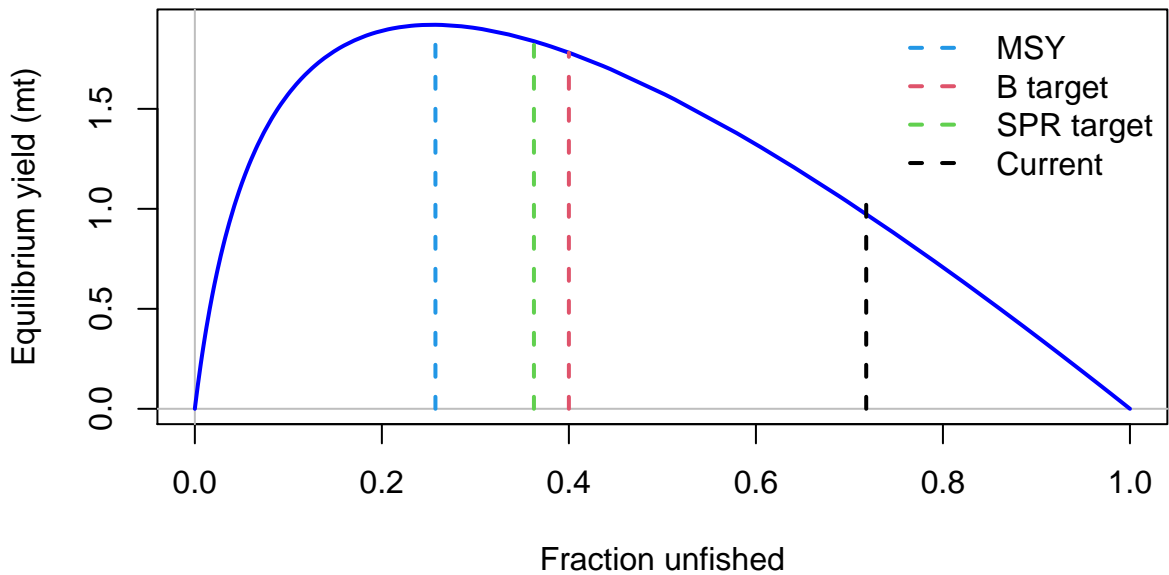


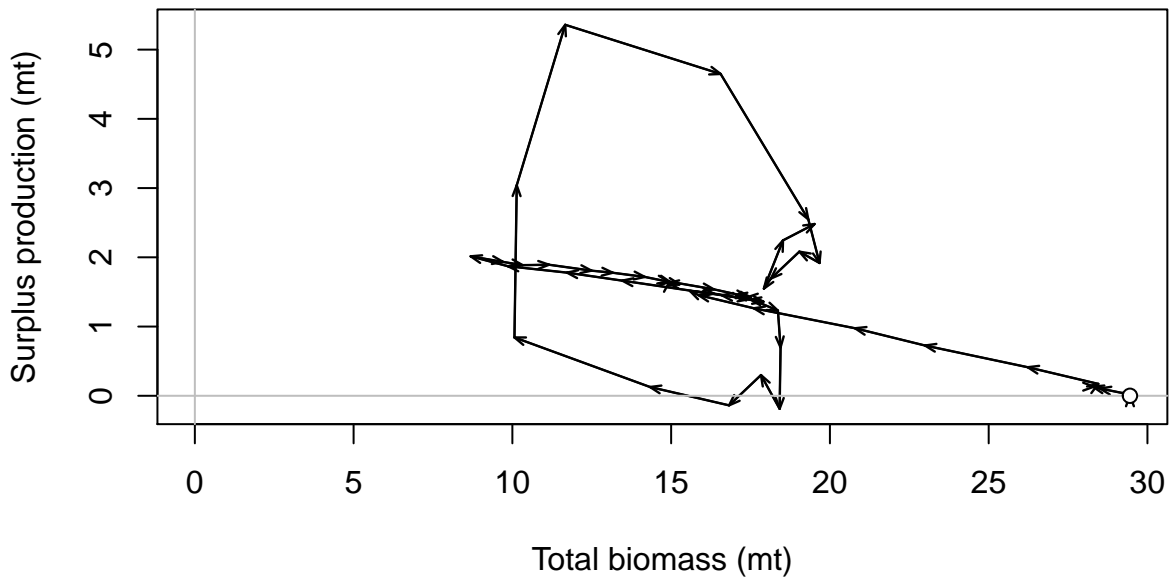


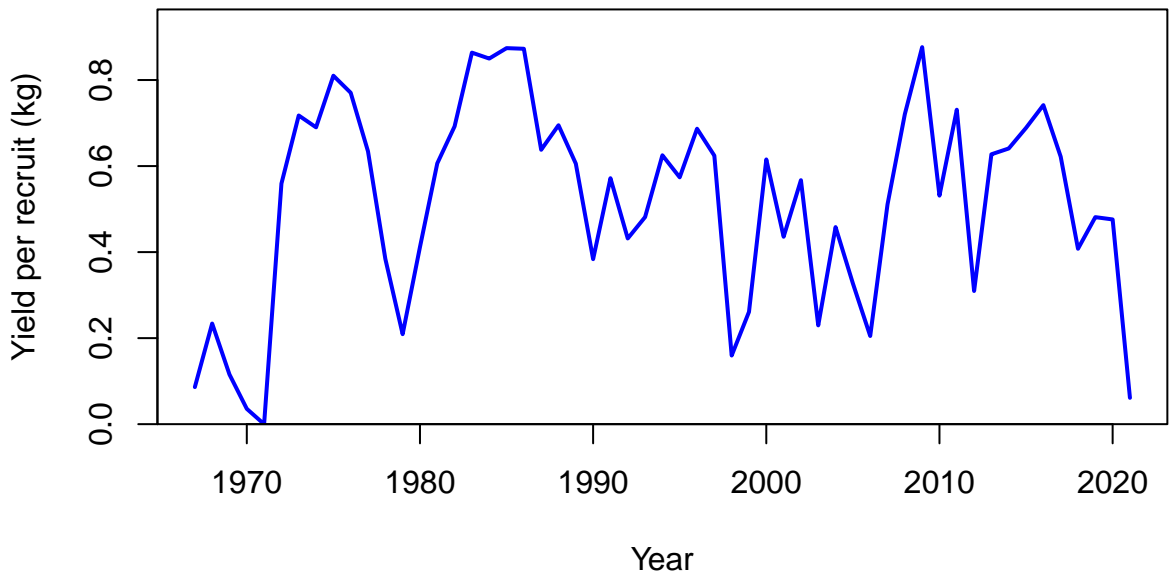
## FISHERY (whole catch)



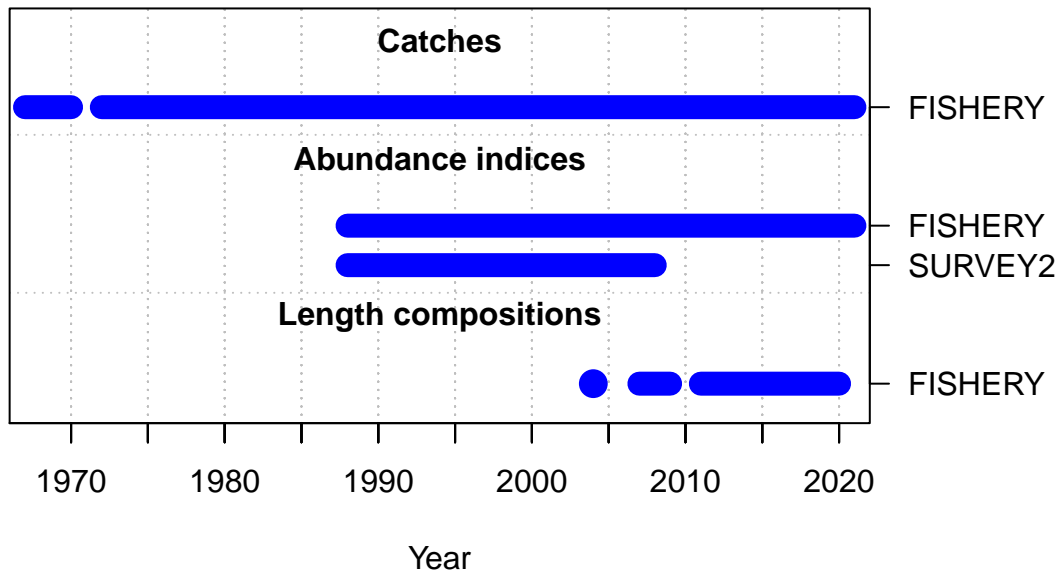


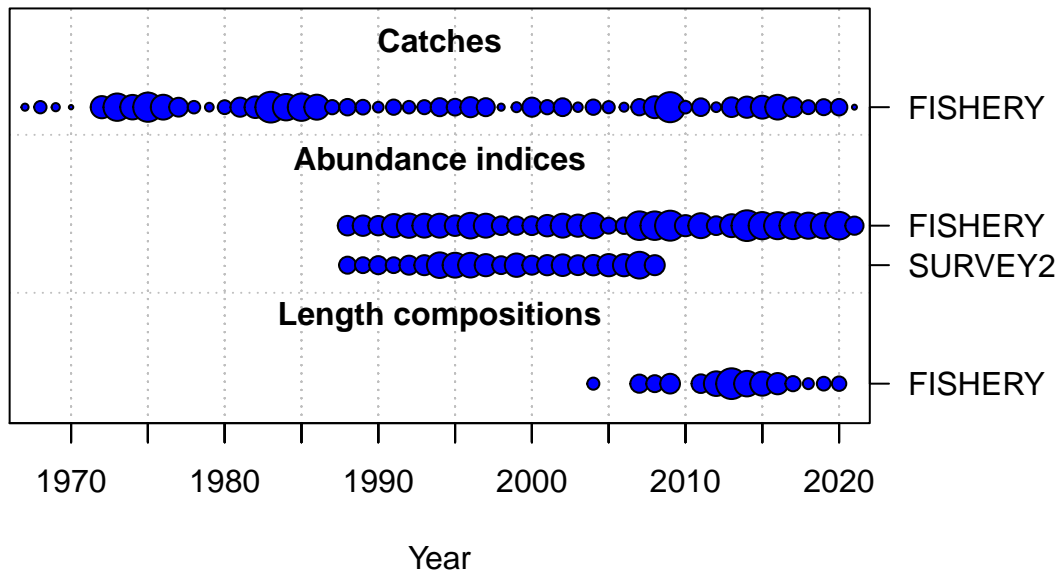




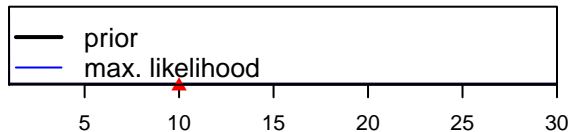




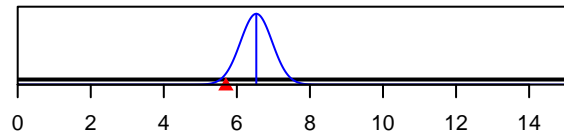




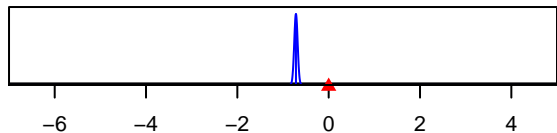
SR\_LN(R0)



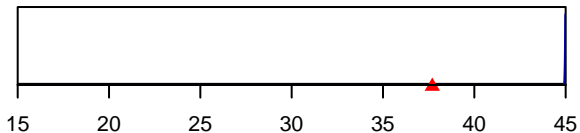
Size\_95%width\_FISHERY(1)



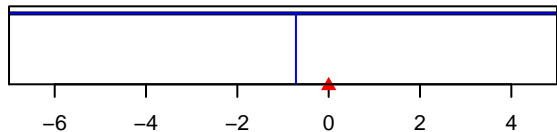
LnQ\_base\_FISHERY(1)



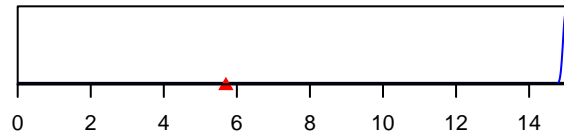
Size\_inflection\_SURVEY2(2)



LnQ\_base\_SURVEY2(2)



Size\_95%width\_SURVEY2(2)



Size\_inflection\_FISHERY(1)

