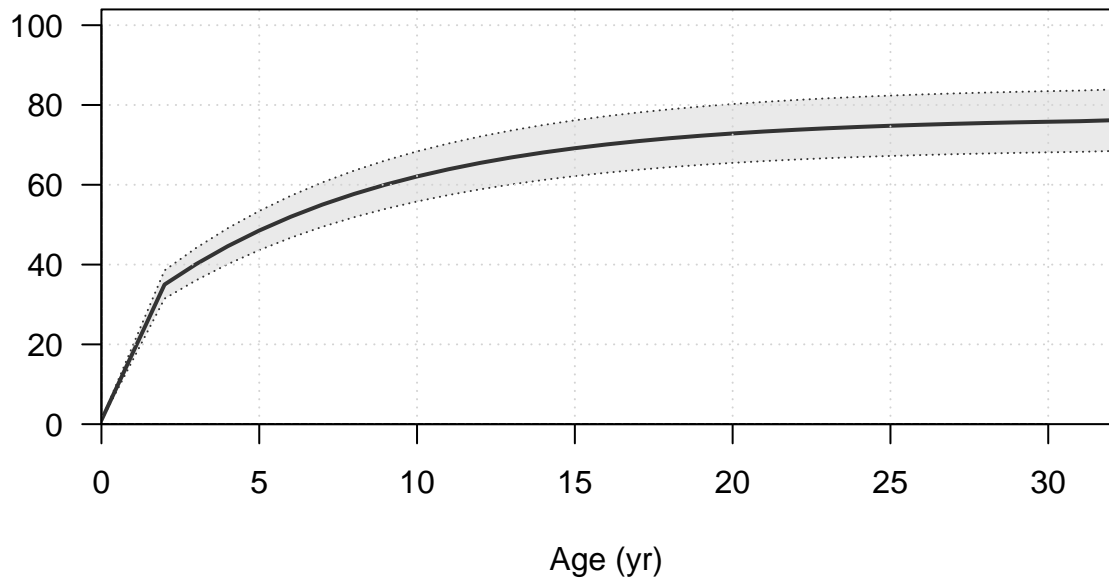


Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Aug 30 11:24:16 2022
Data_File: data.ss
Control_File: control.ss

Length (cm, beginning of the year)

























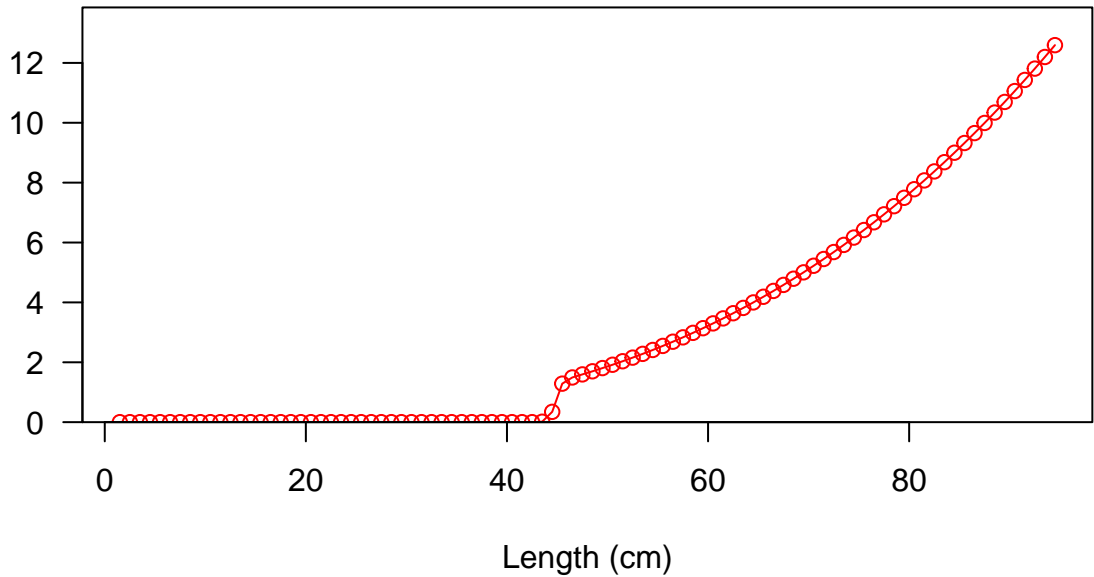
Fecundity



Fecundity



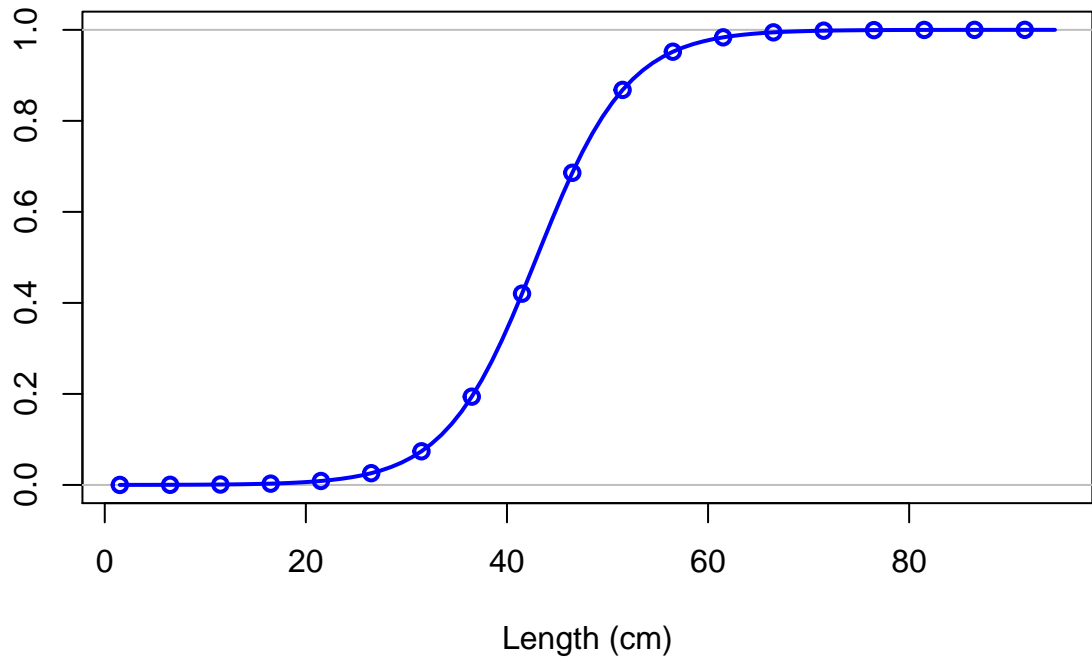
Spawning output



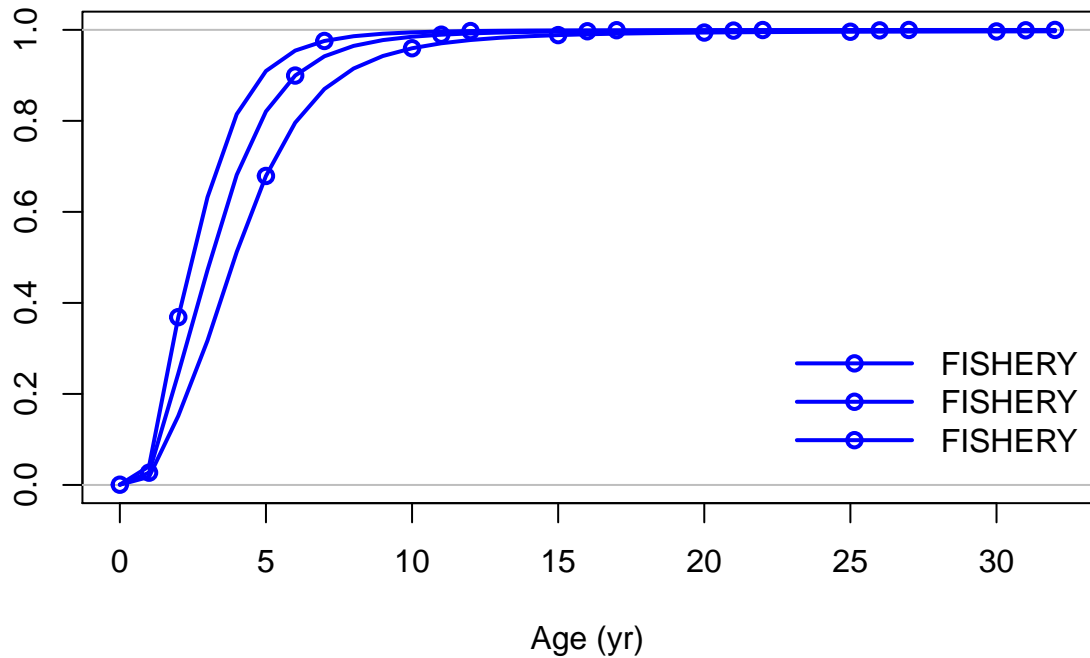
Spawning output



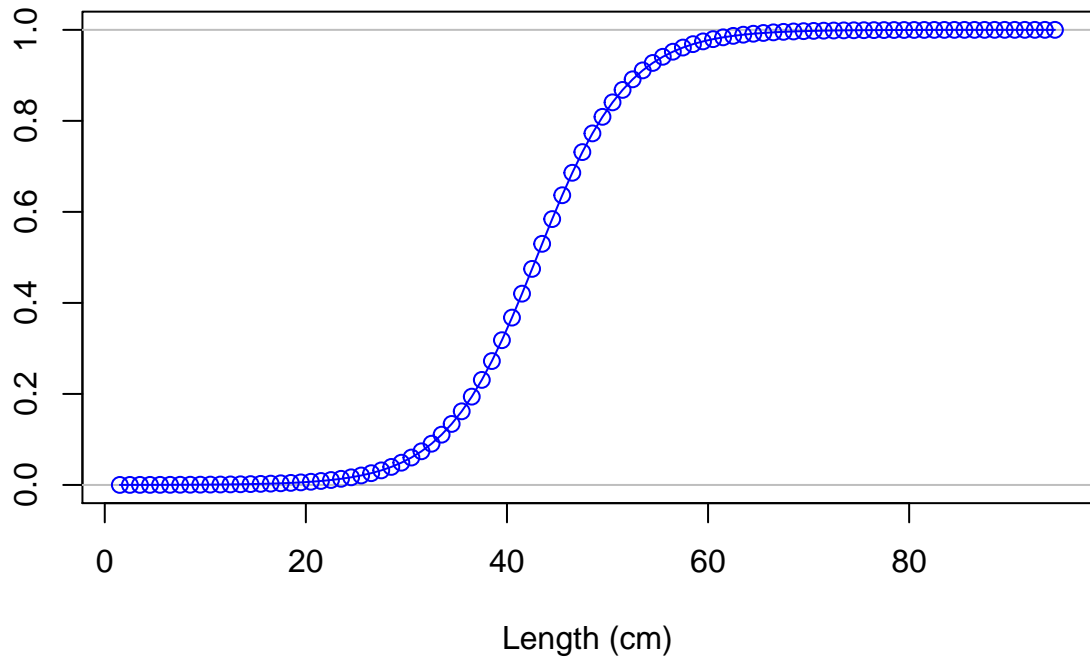
Selectivity

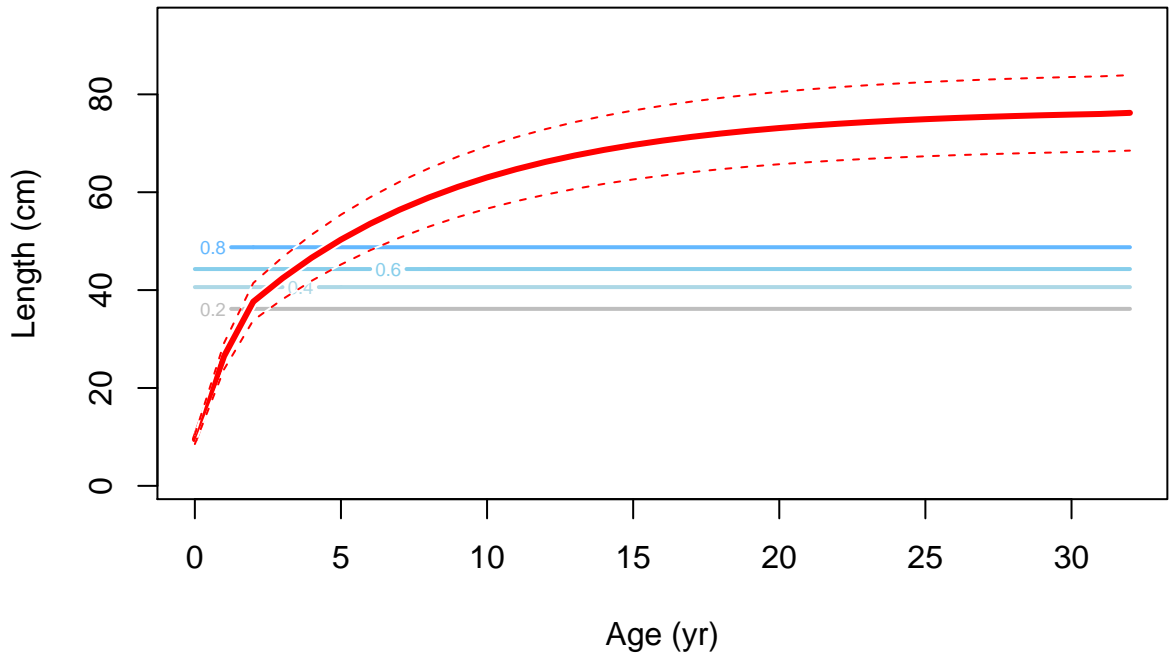


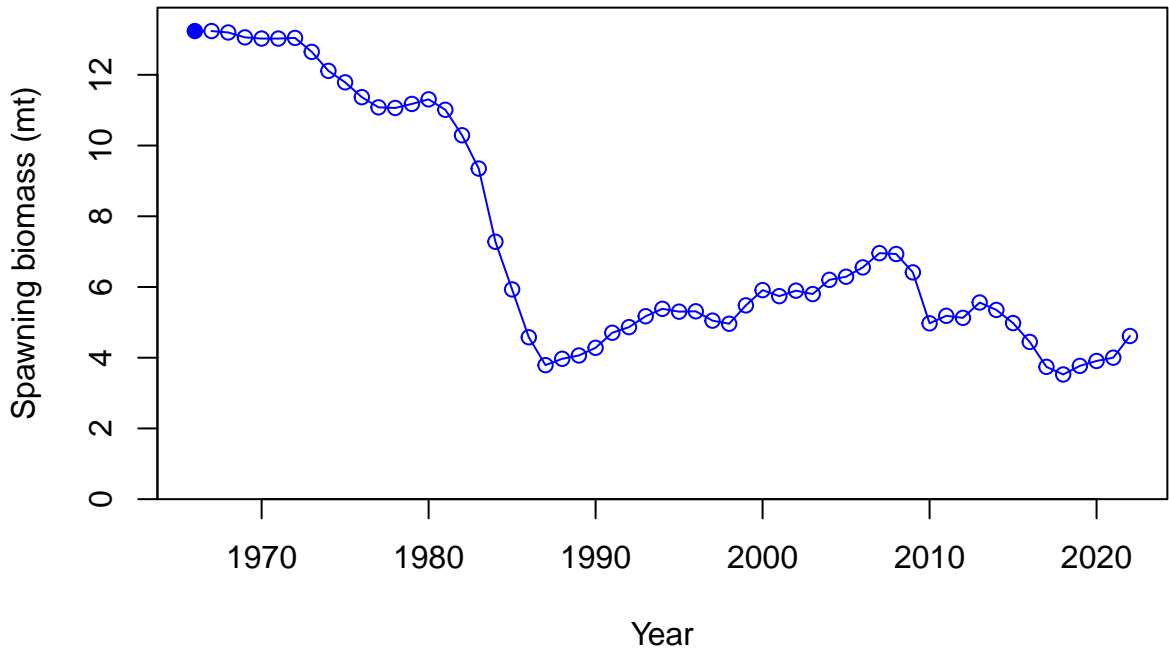
Selectivity

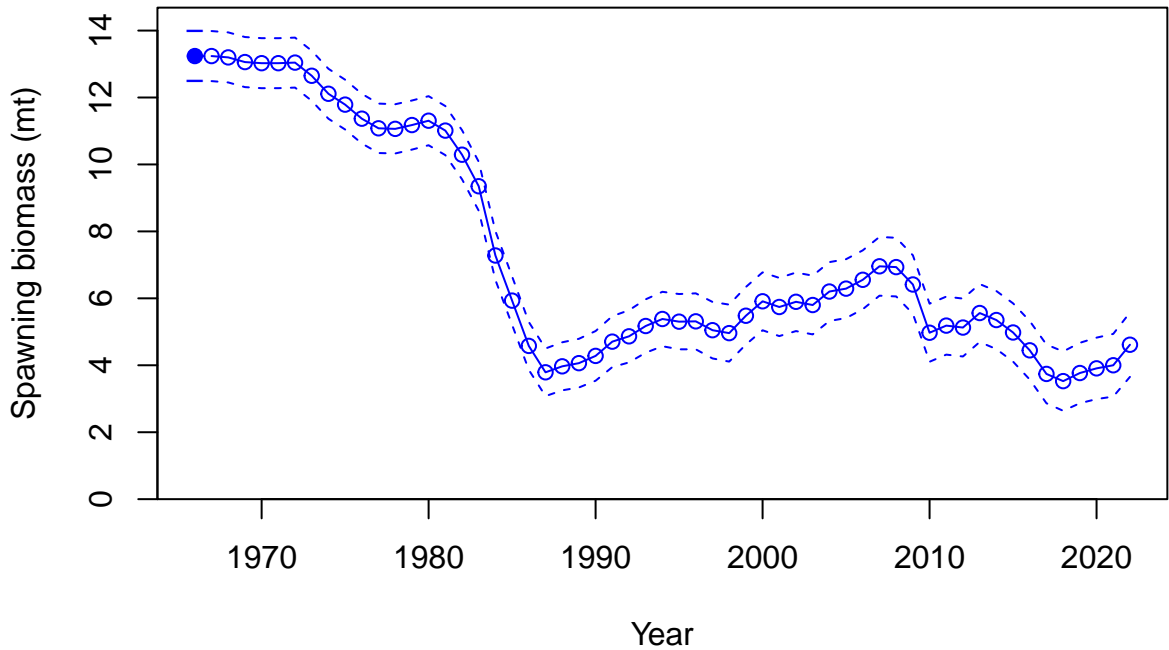


Selectivity

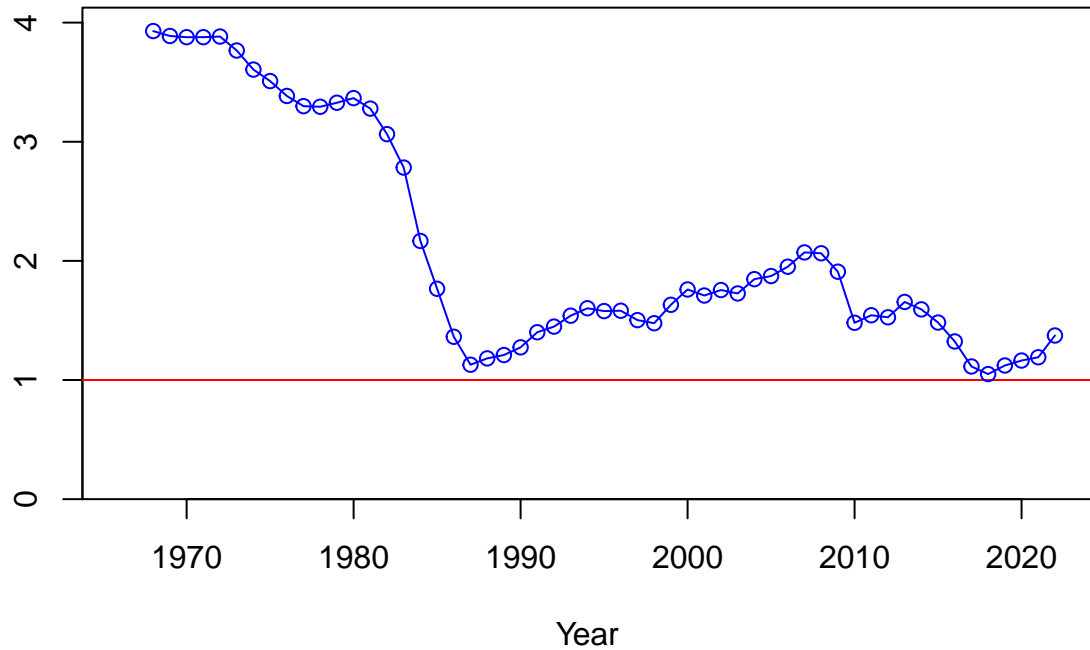




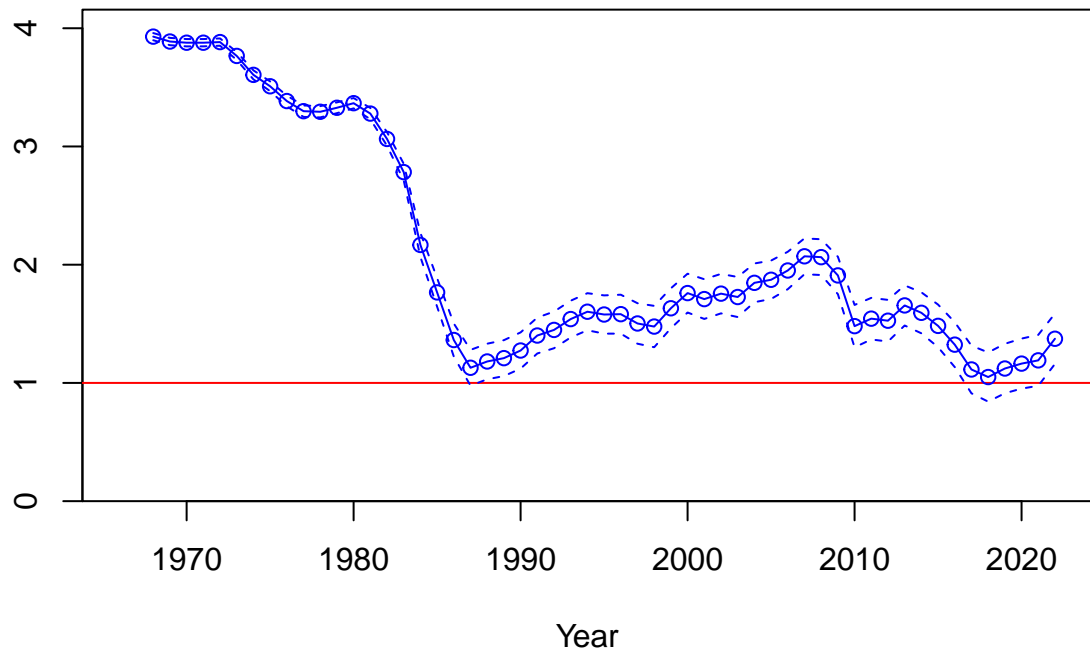


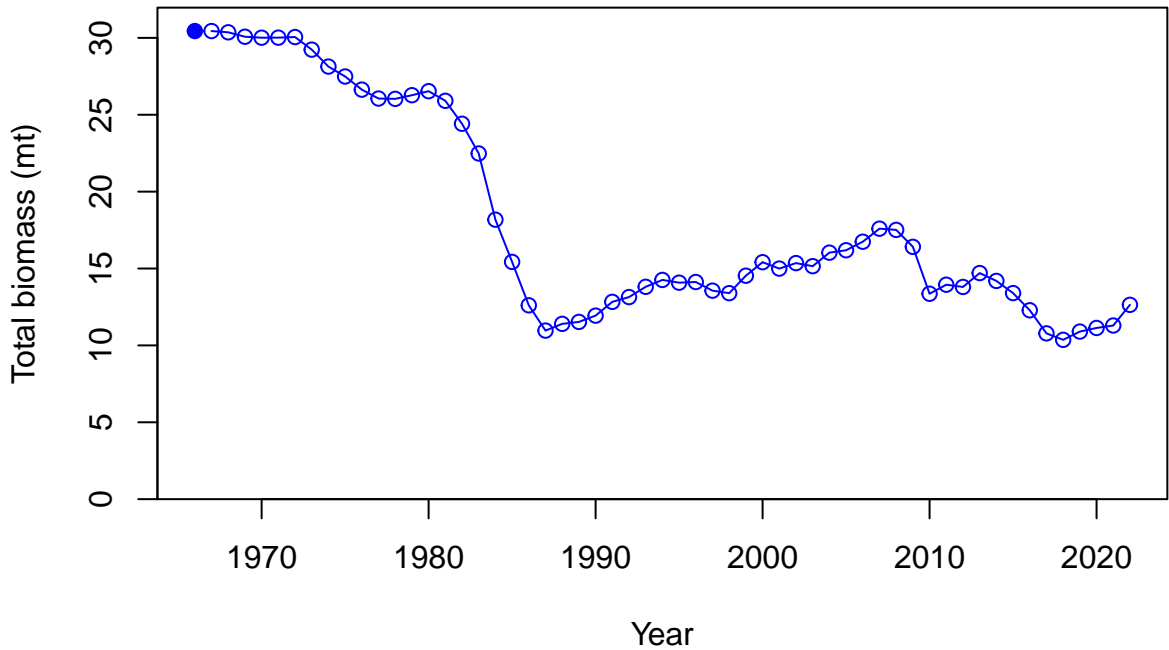


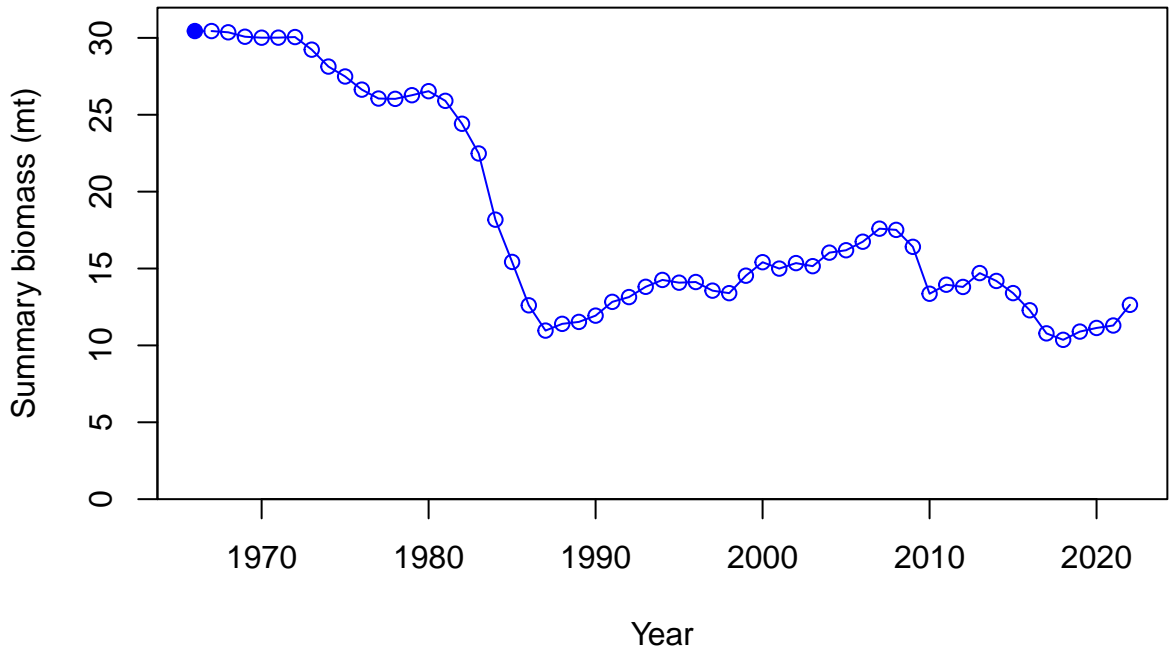
Relative spawning biomass: B/B_{MSY}

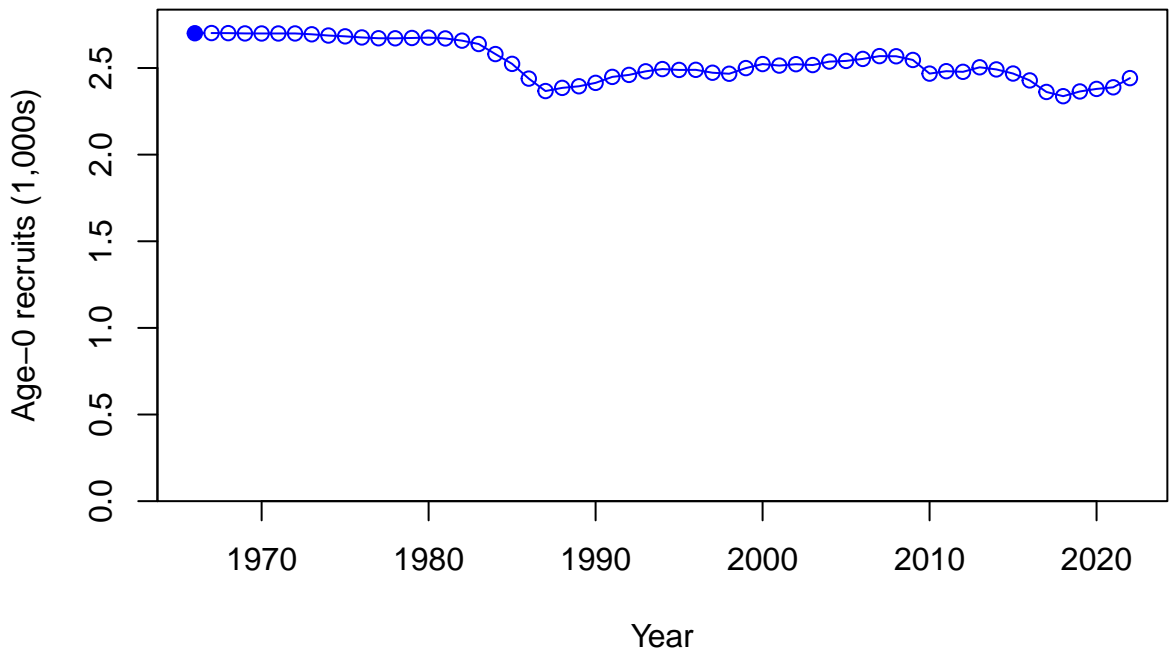


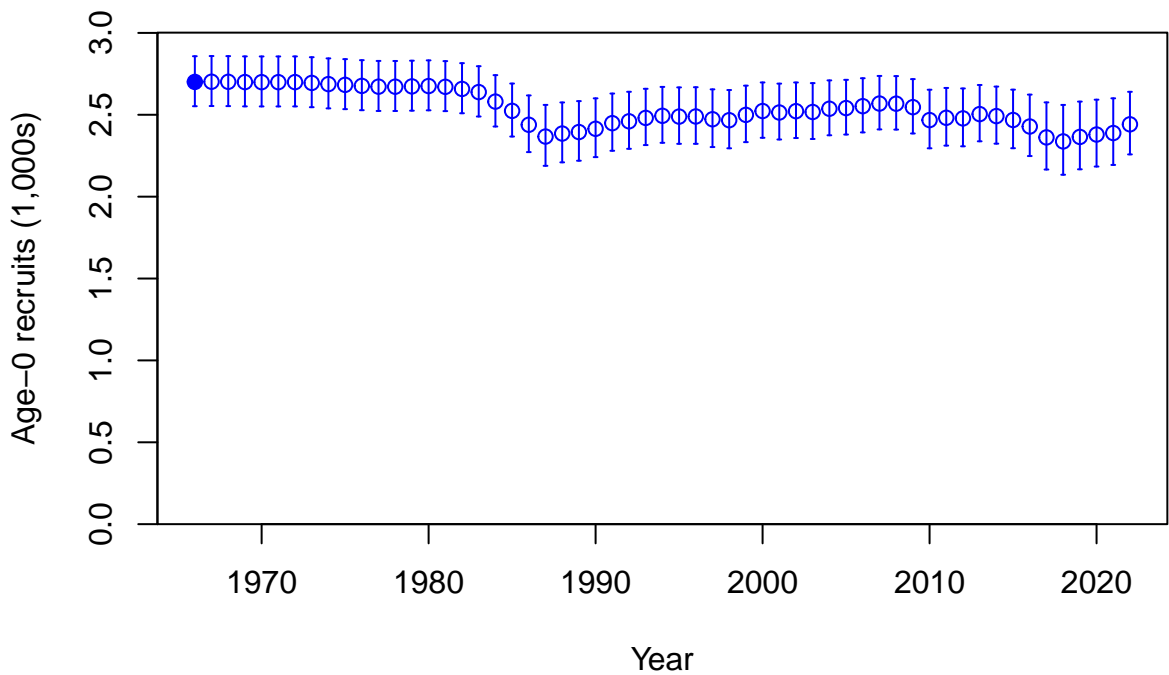
Relative spawning biomass: B/B_{MSY}



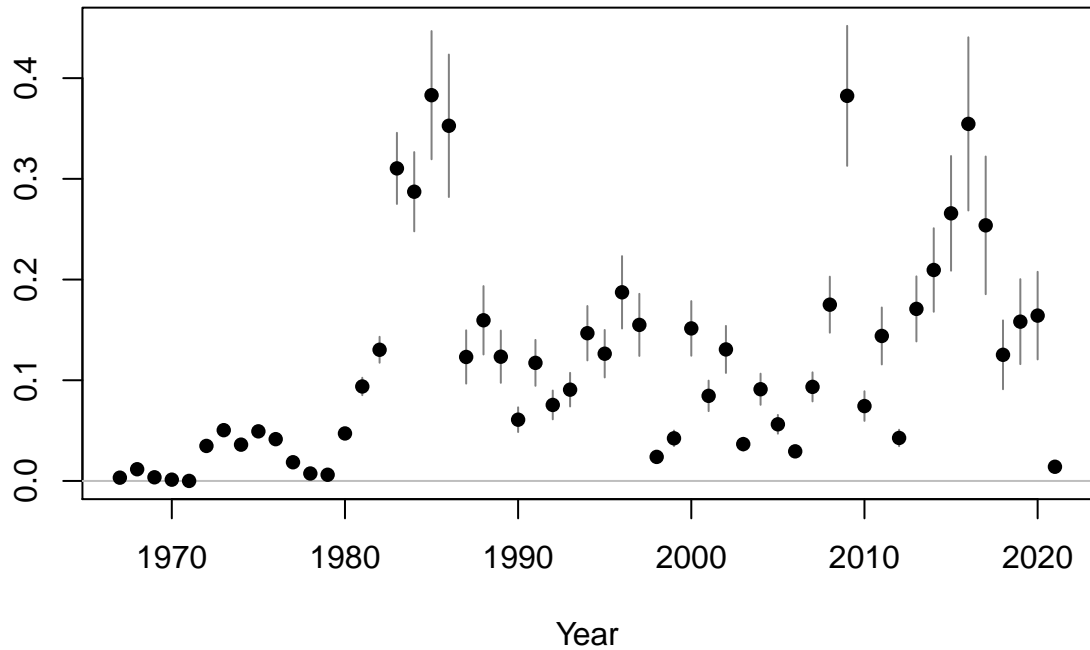


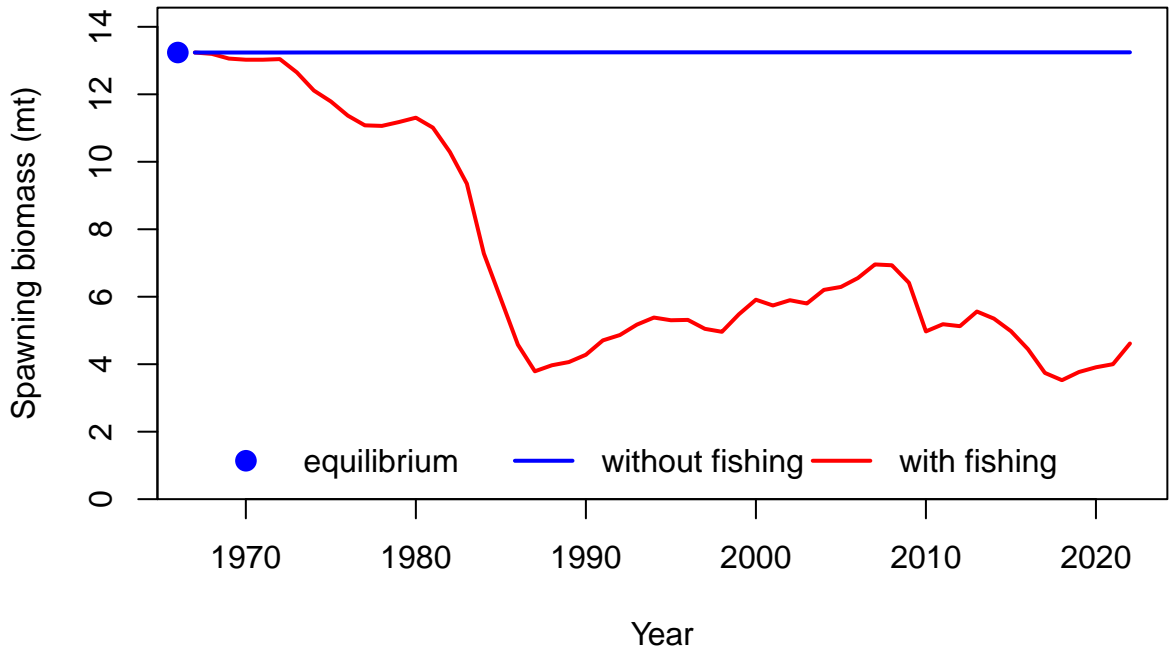


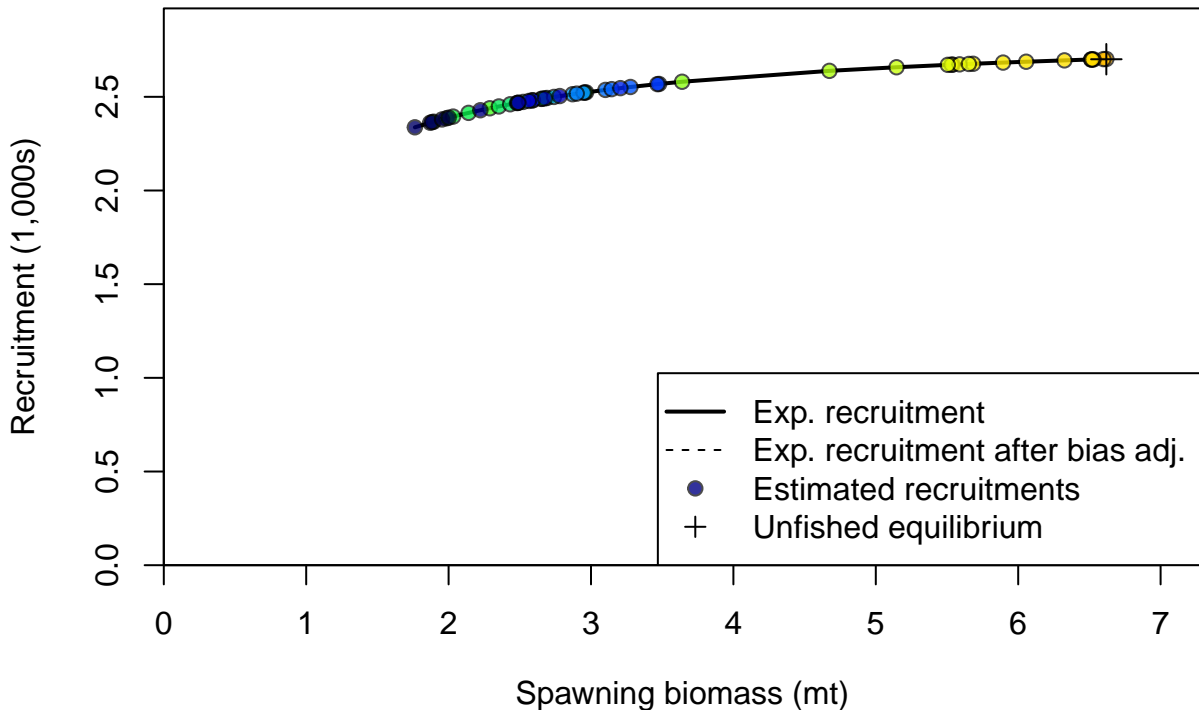


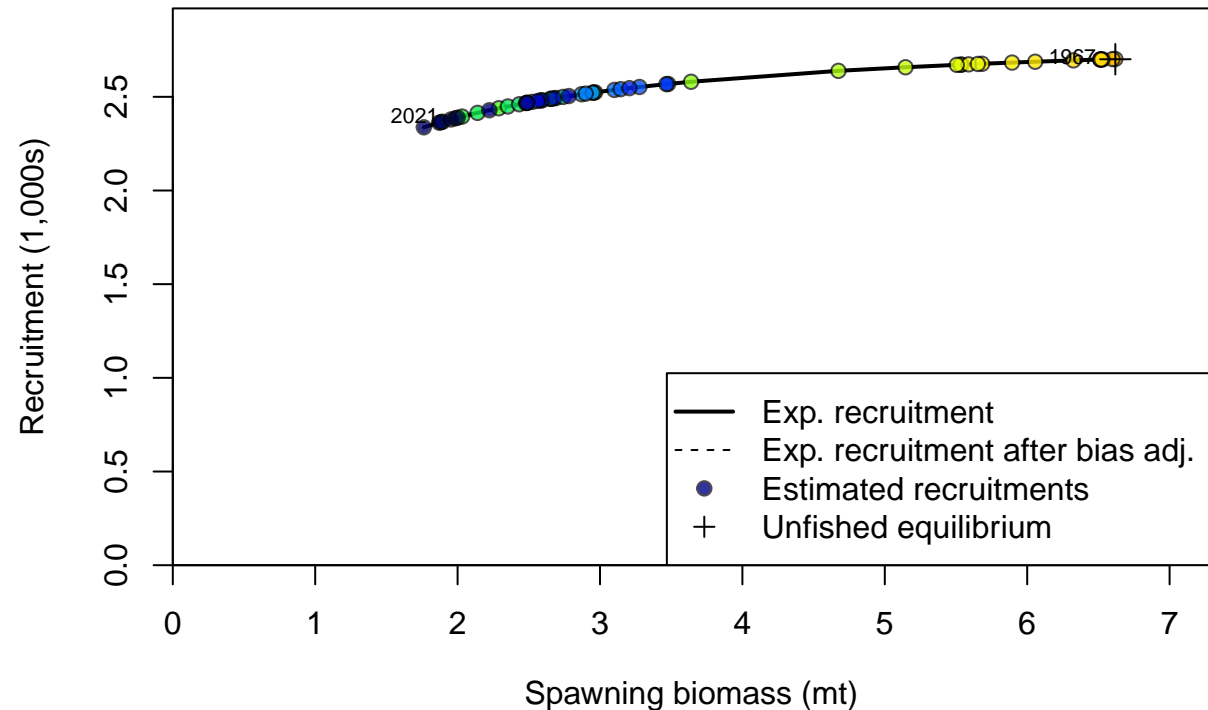


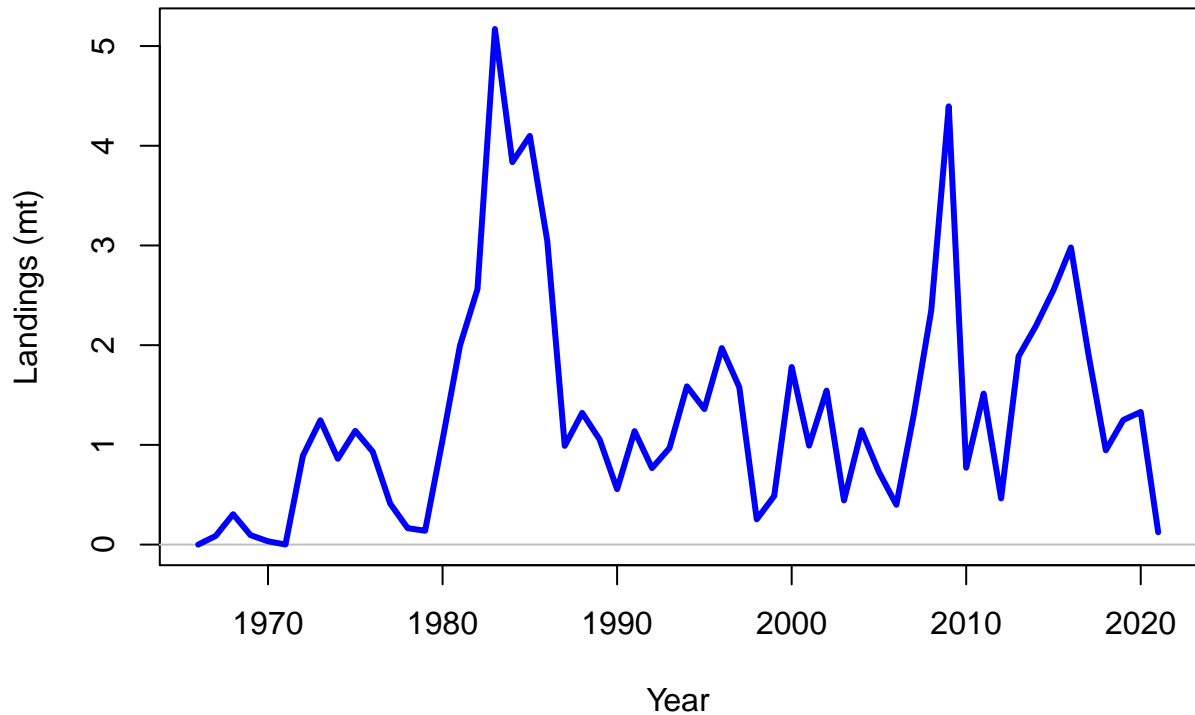
Summary Fishing Mortality

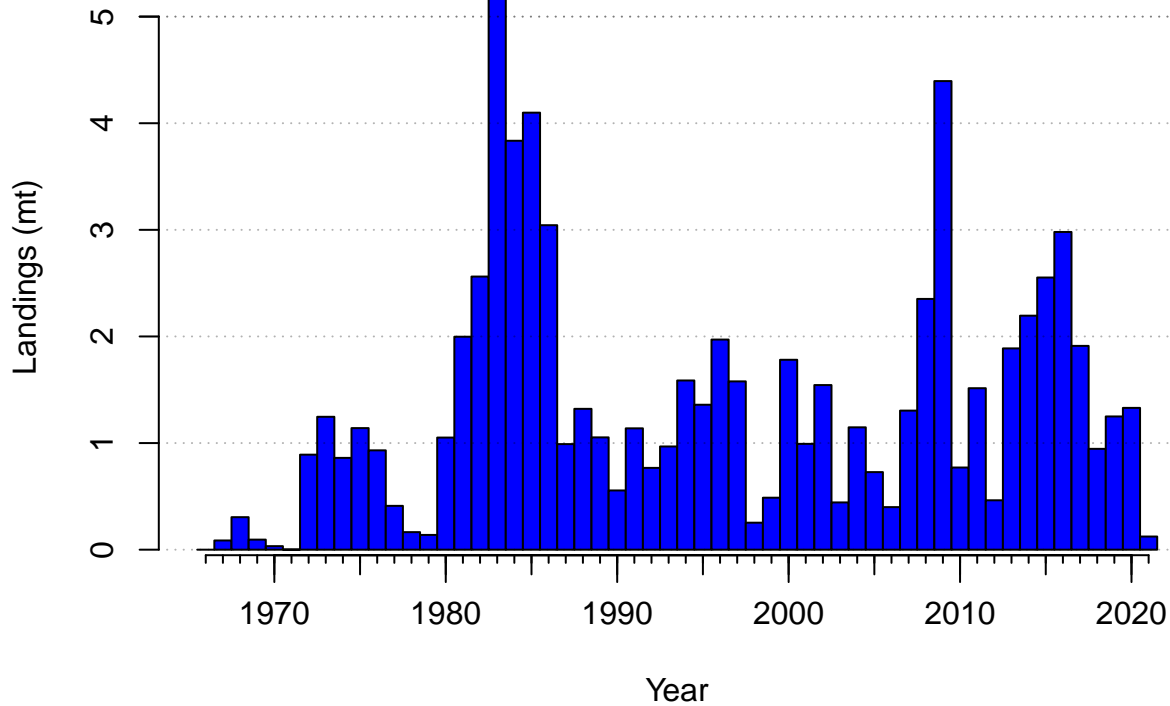


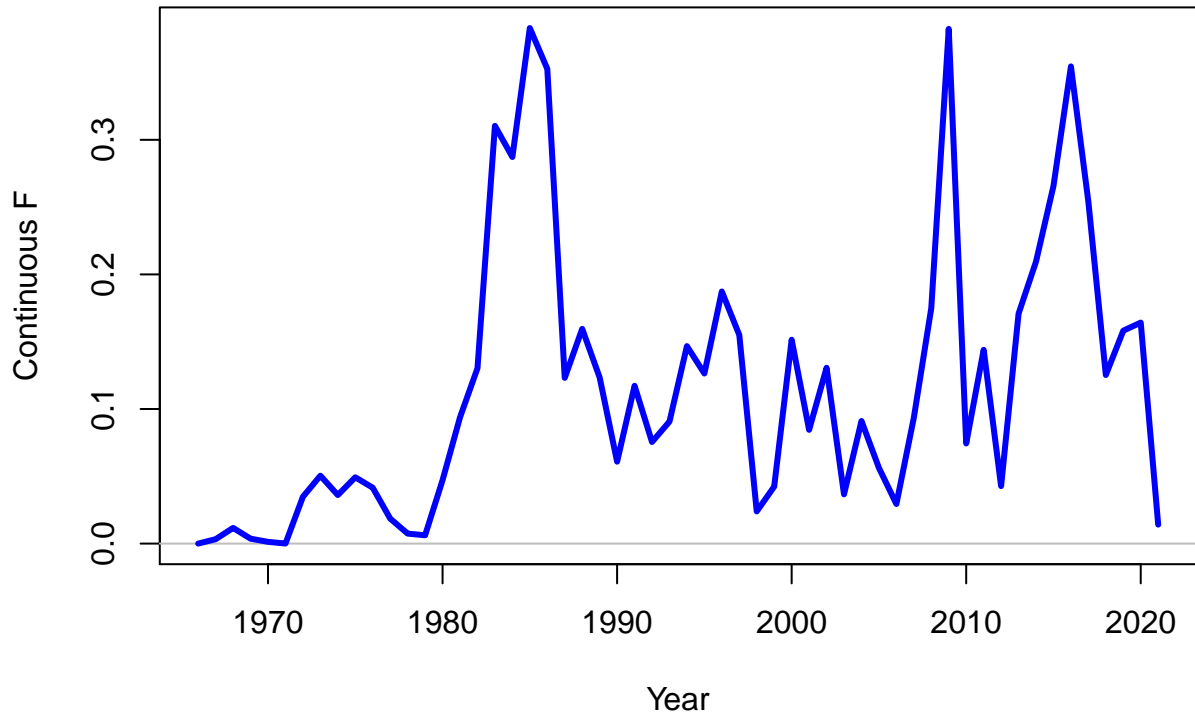




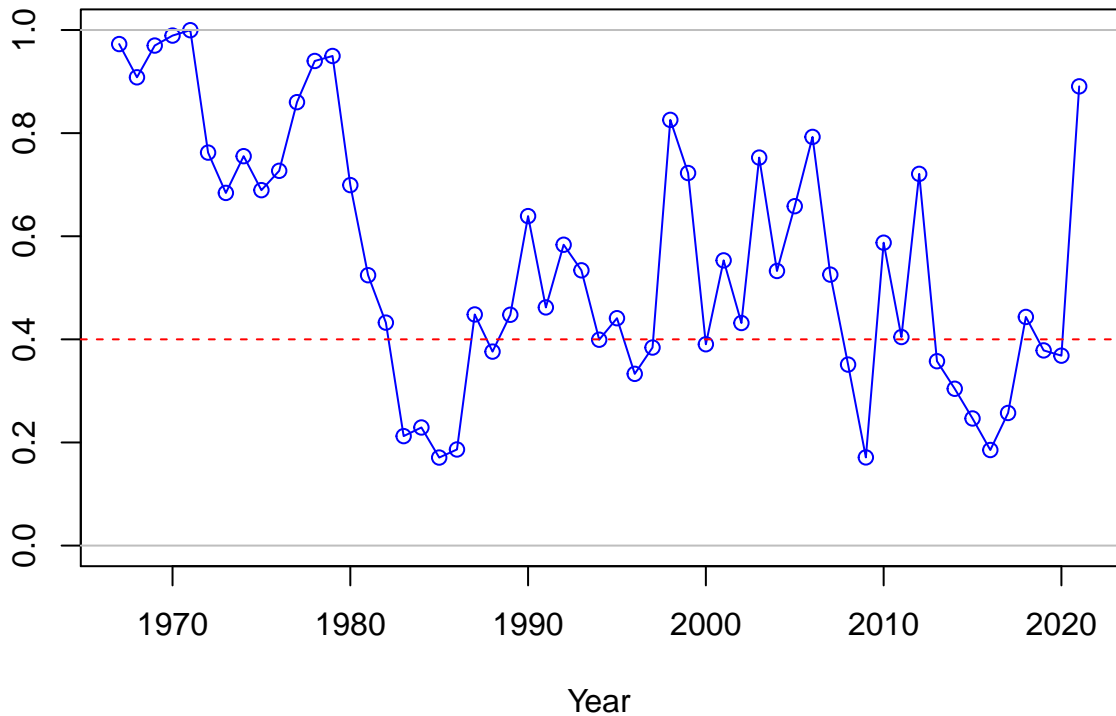


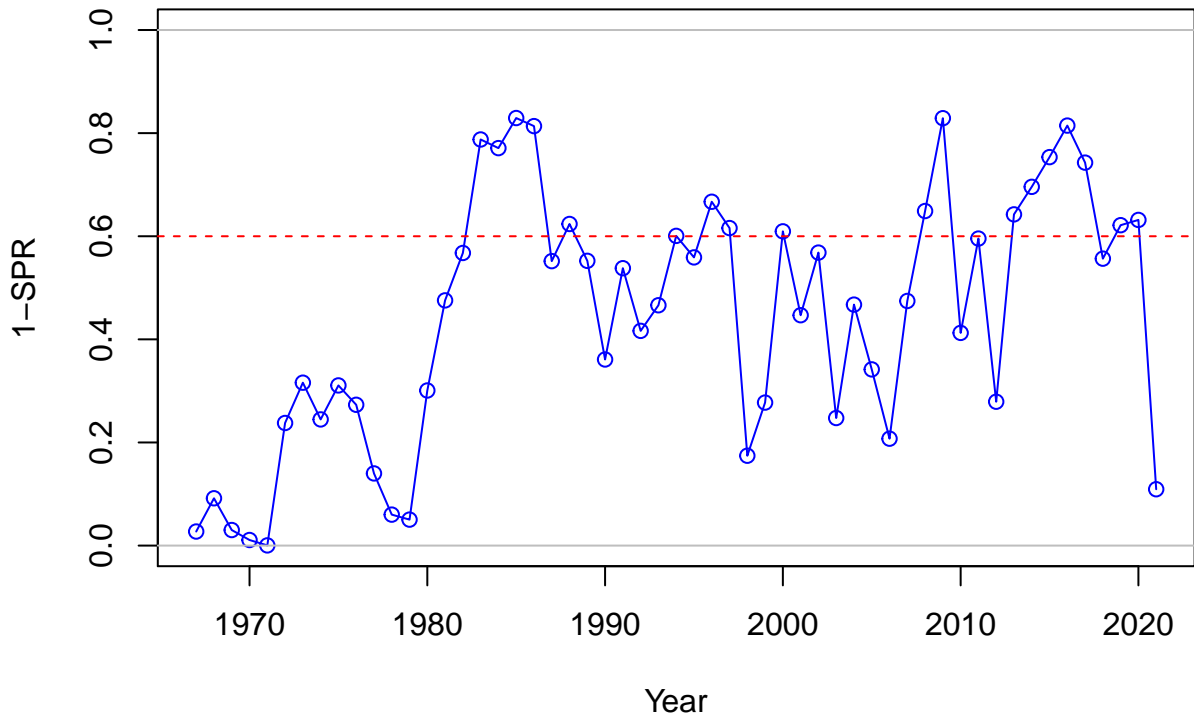




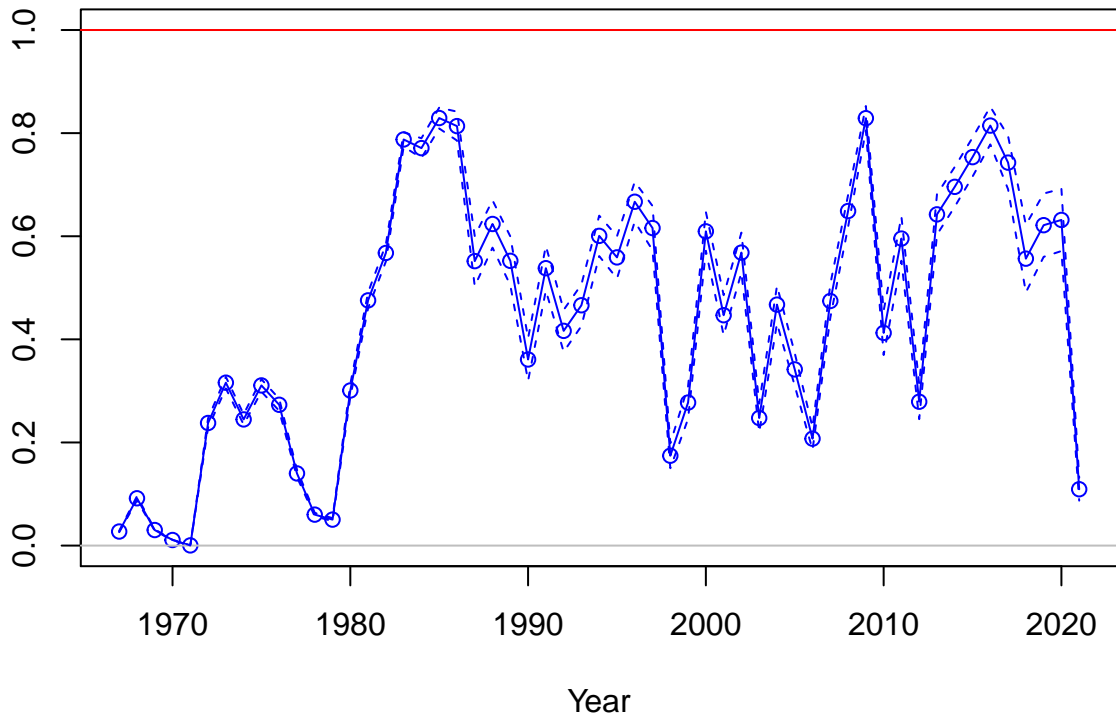


SPR

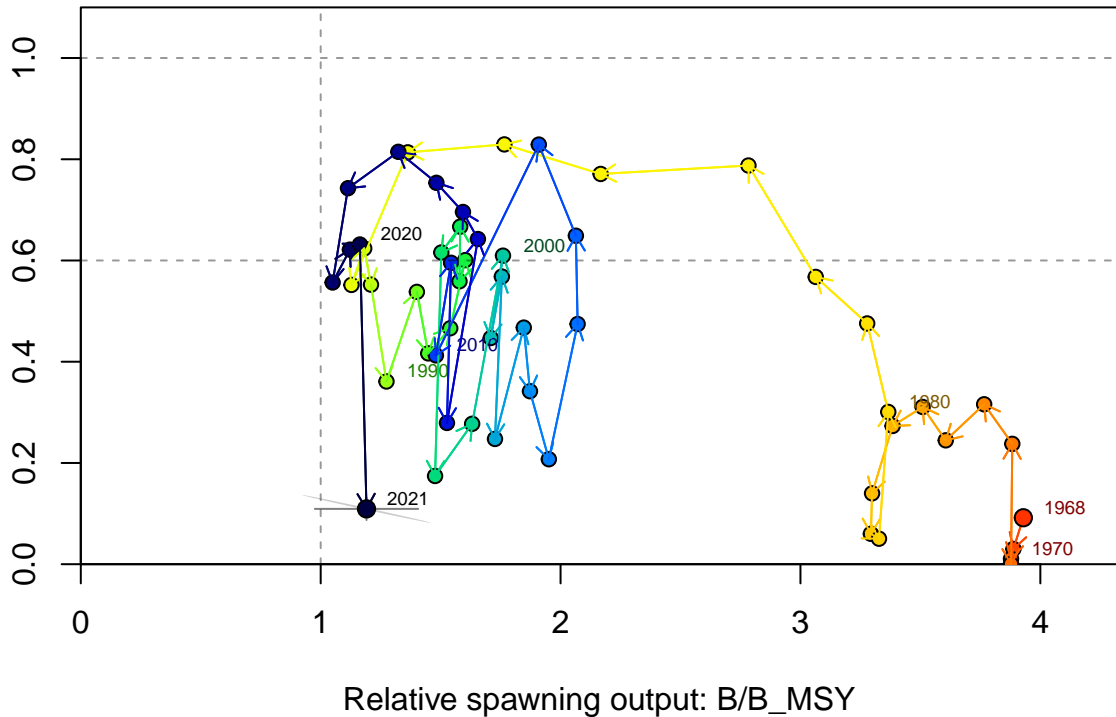




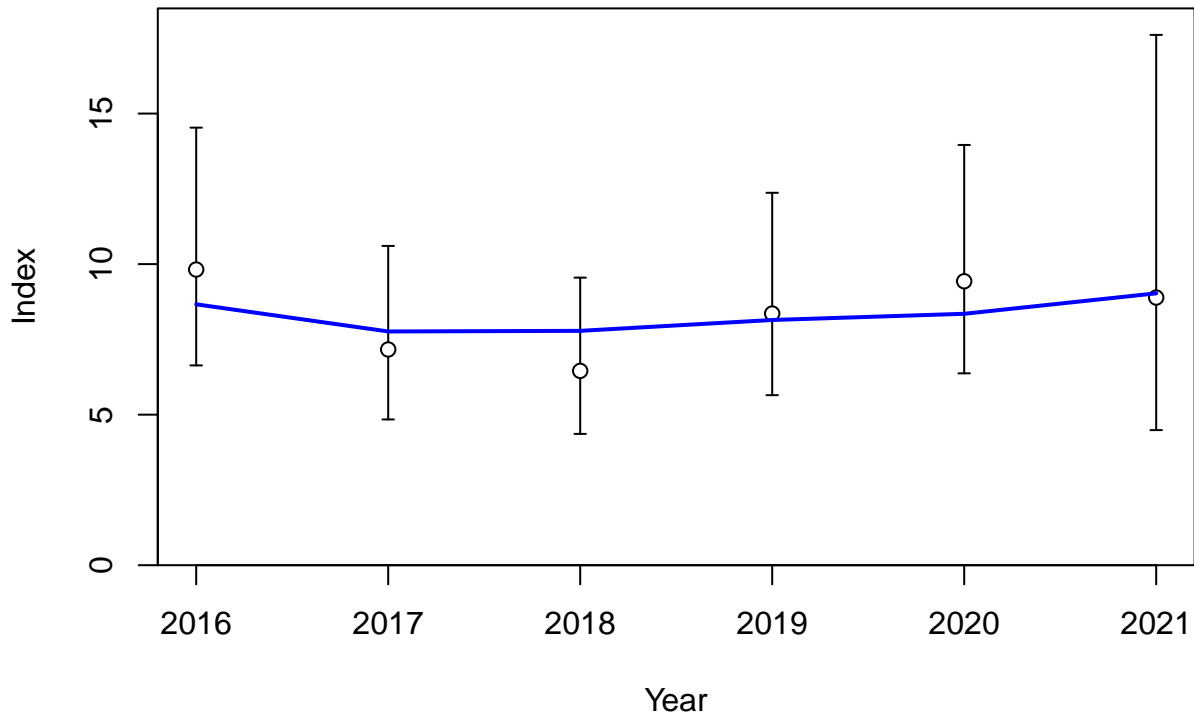
Fishing intensity: 1-SPR

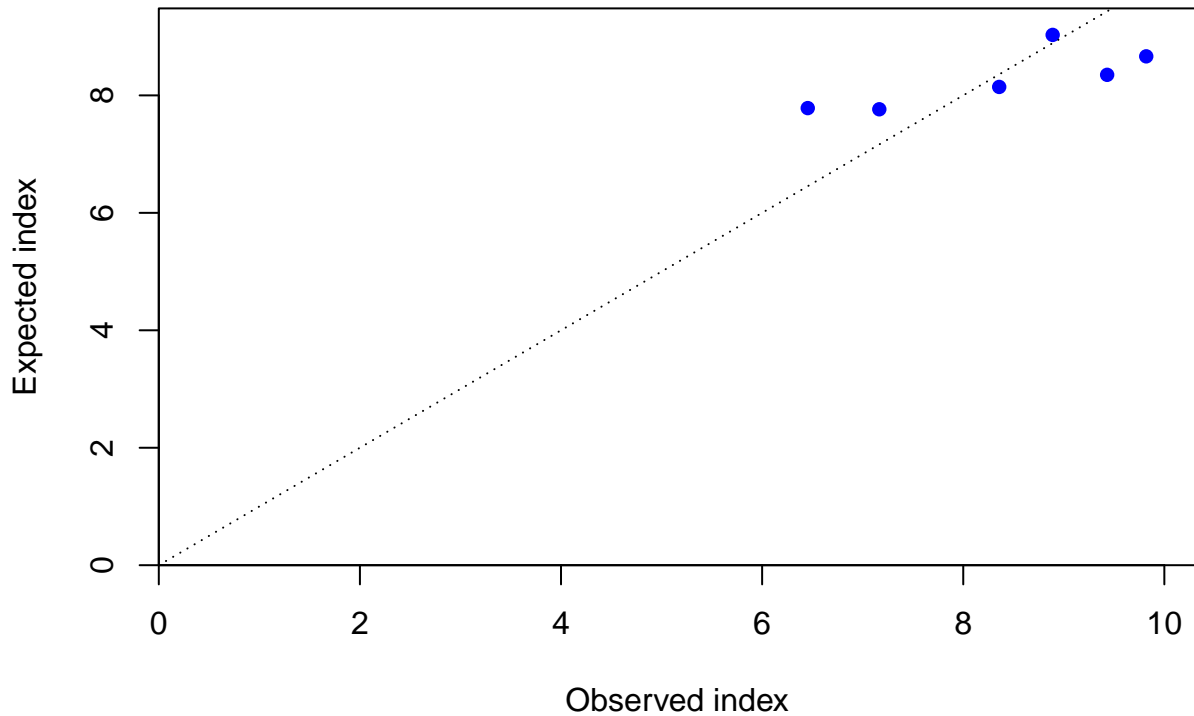


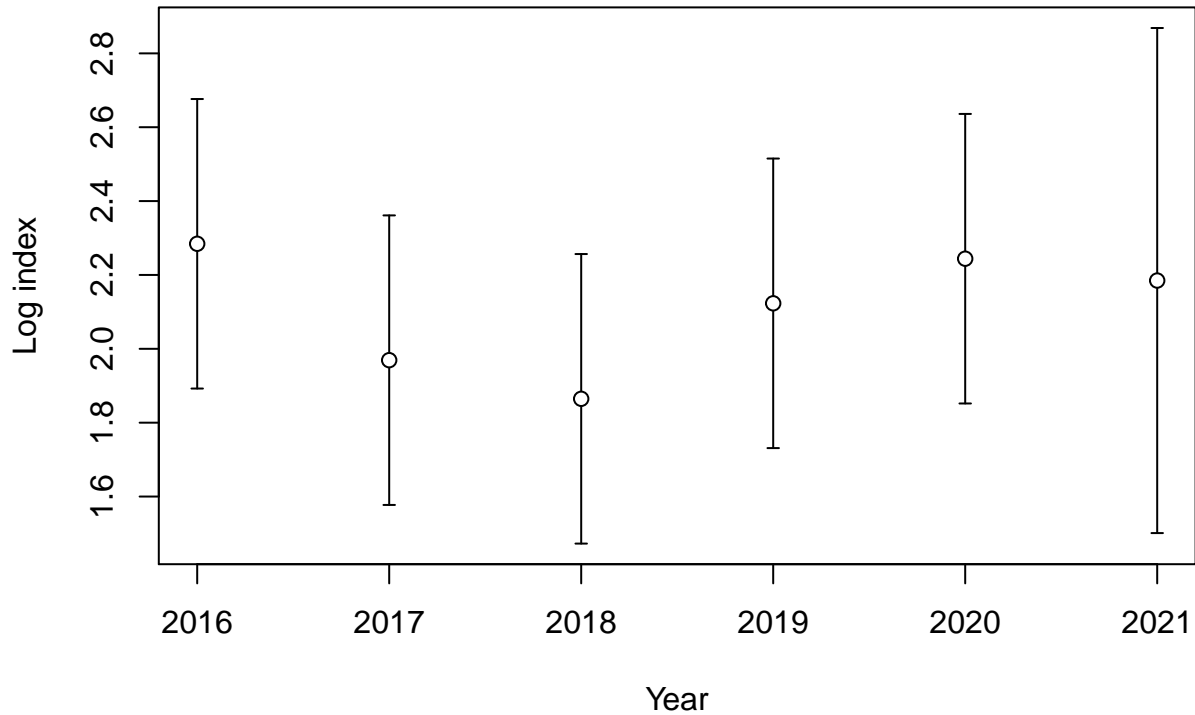
Fishing intensity: 1-SPR

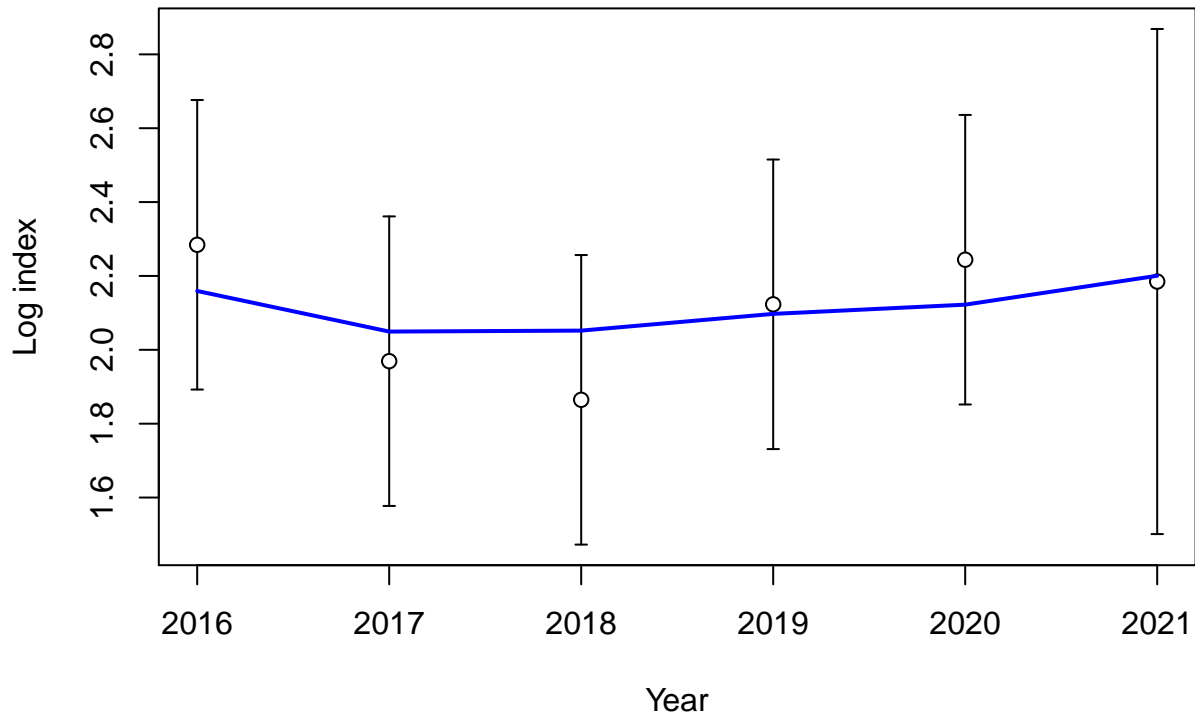




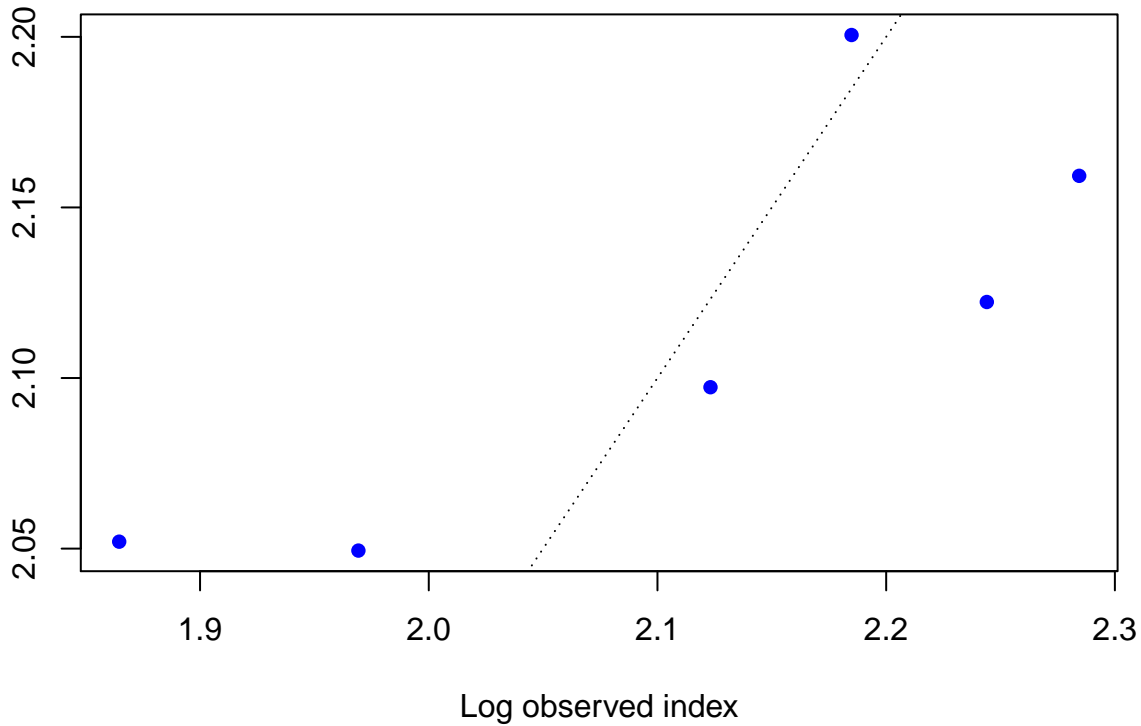


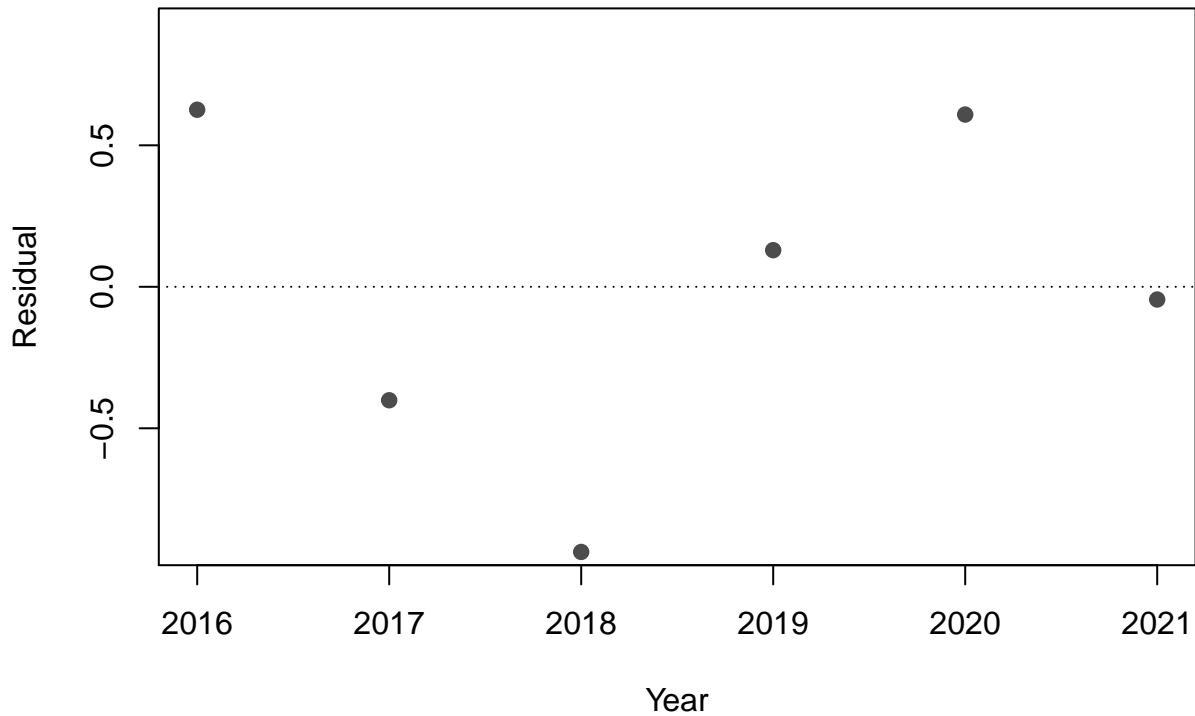






Log expected index





Deviation

0.1
0.0
-0.1

2016

2017

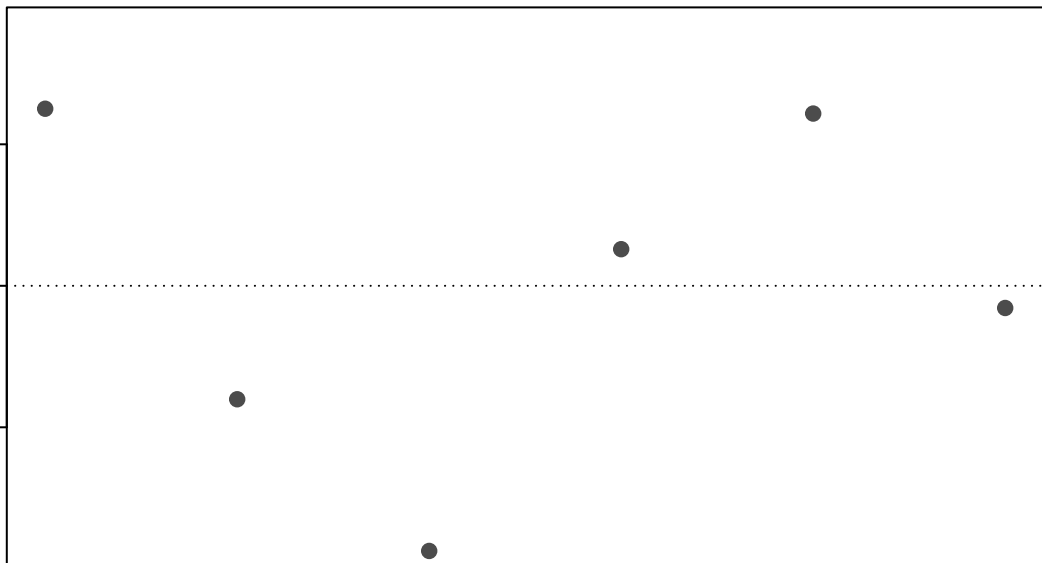
2018

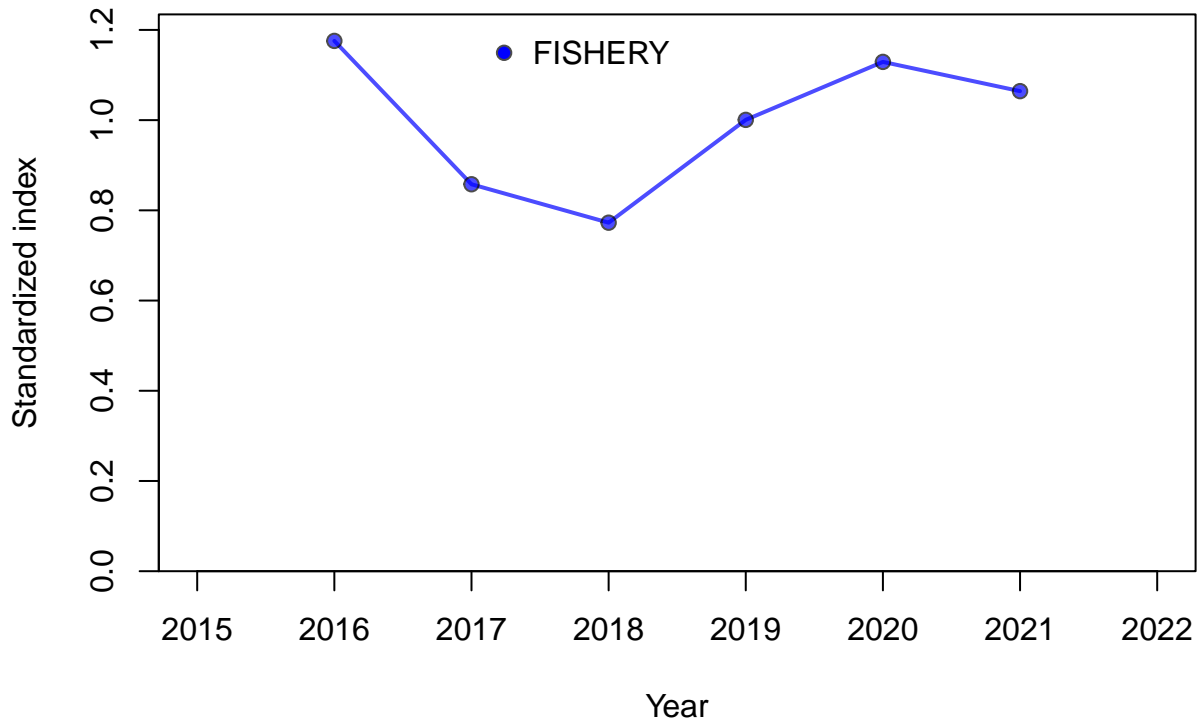
2019

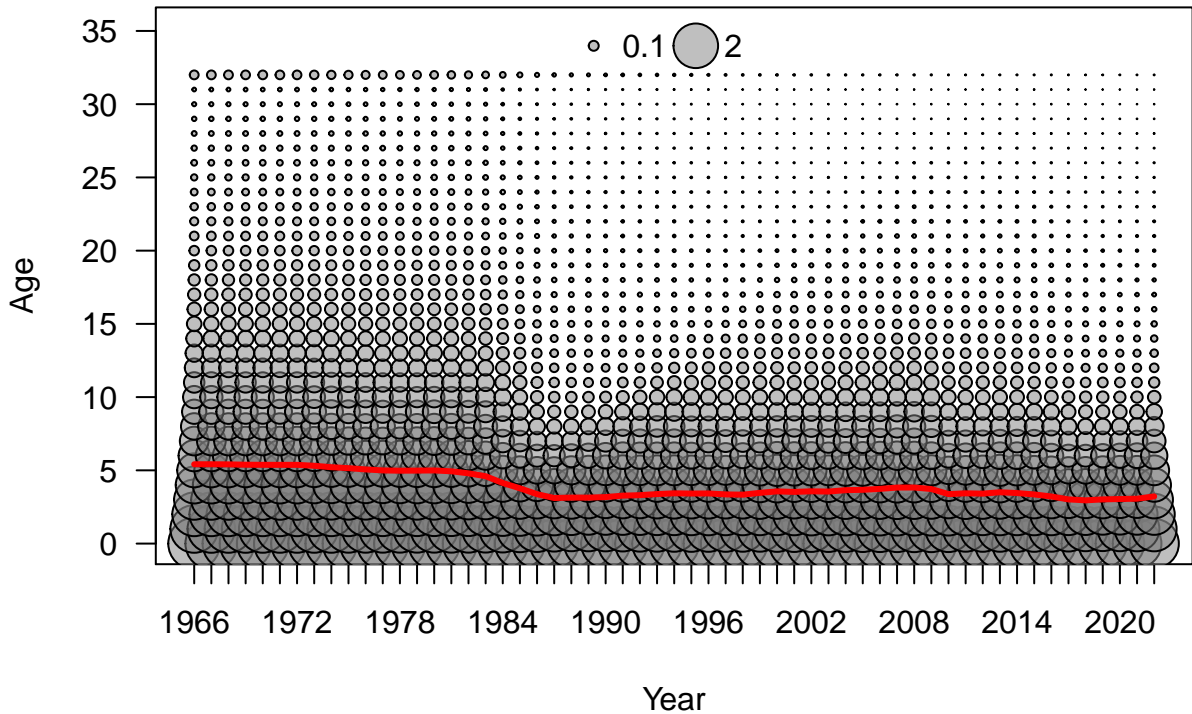
2020

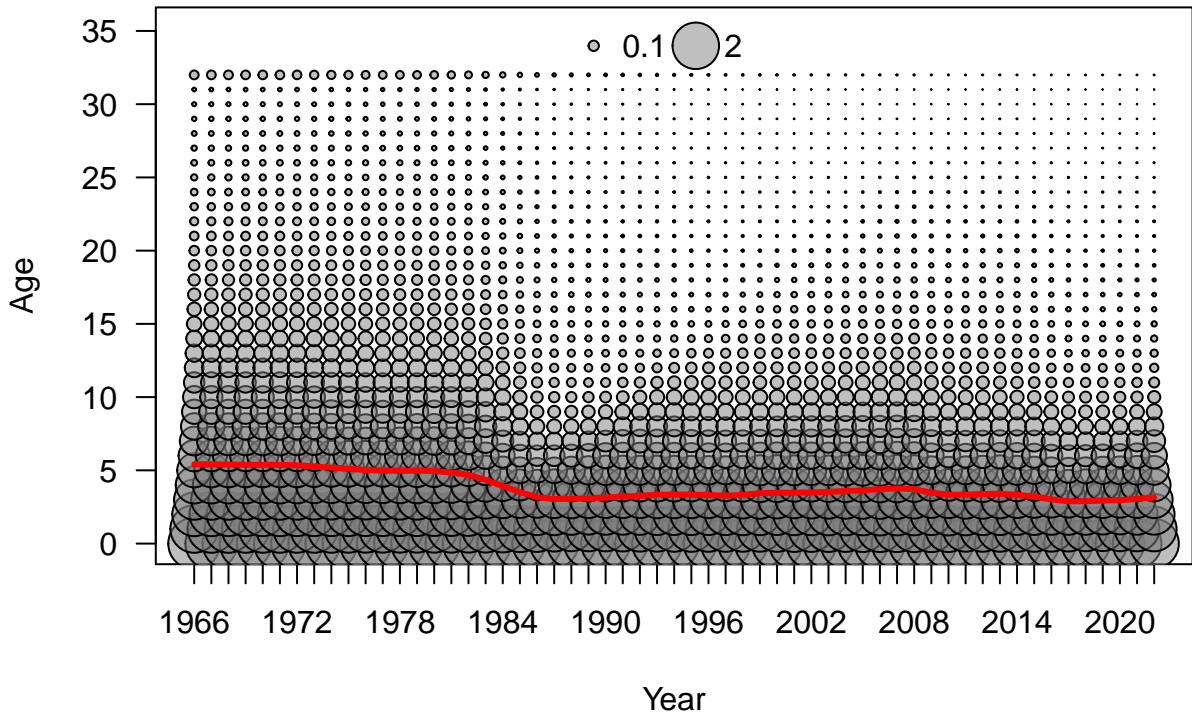
2021

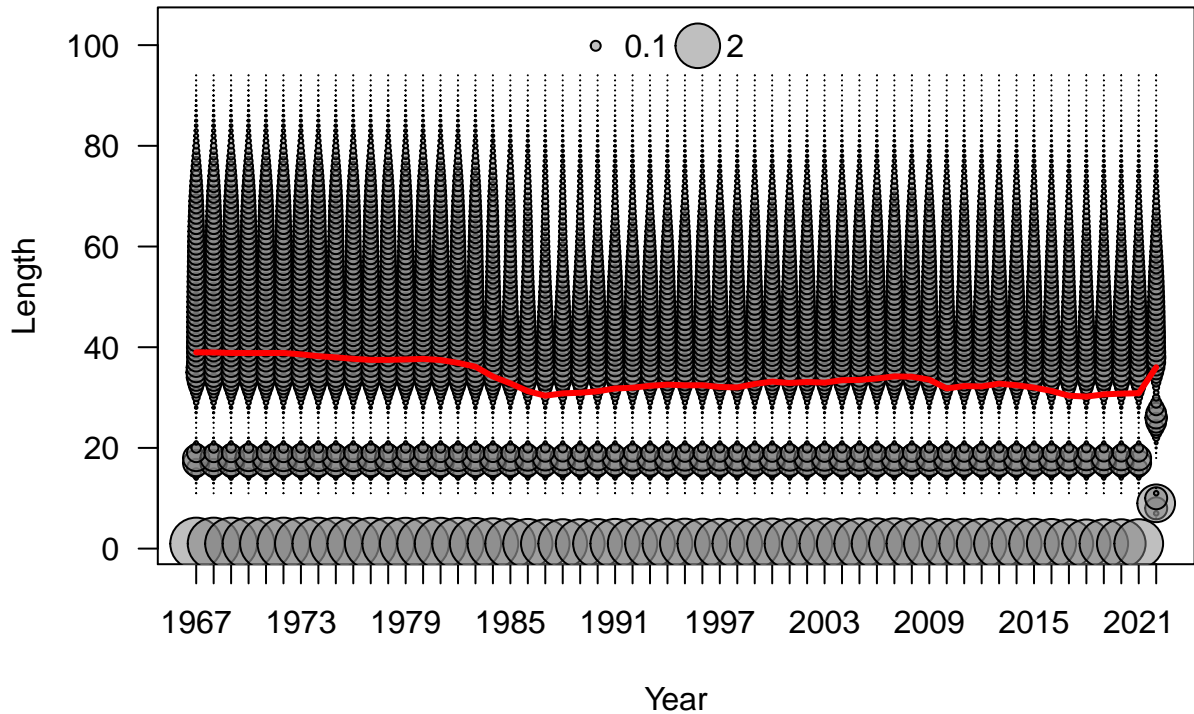
Year

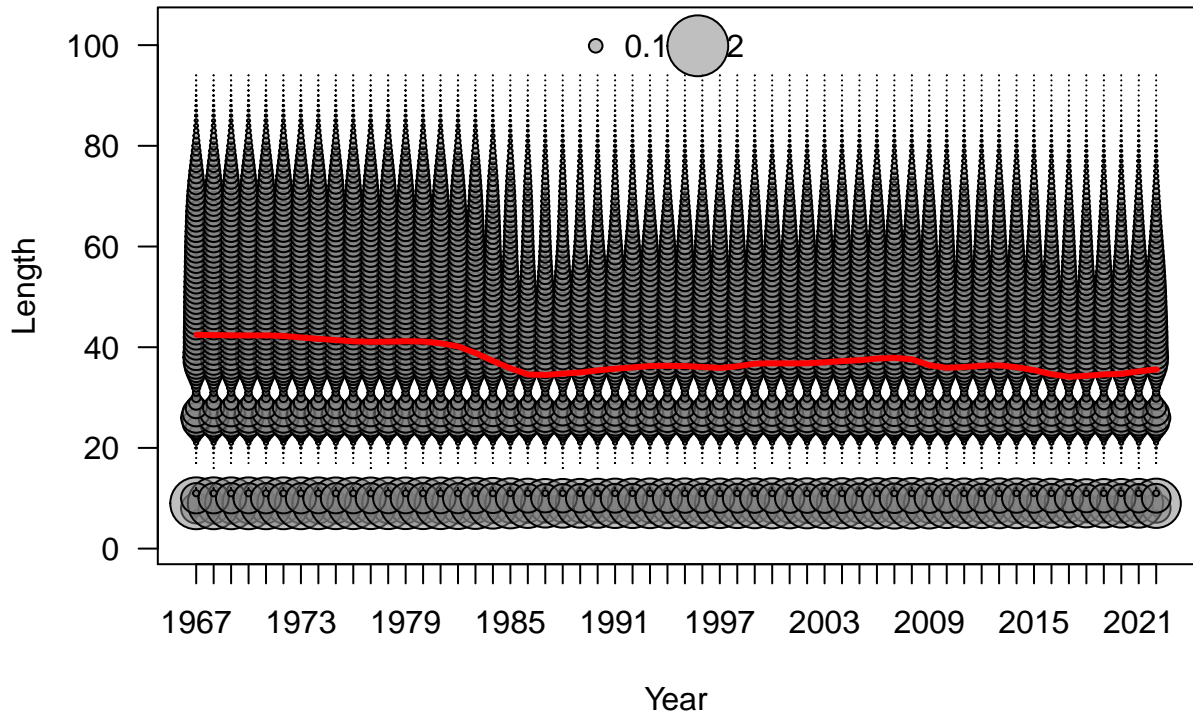


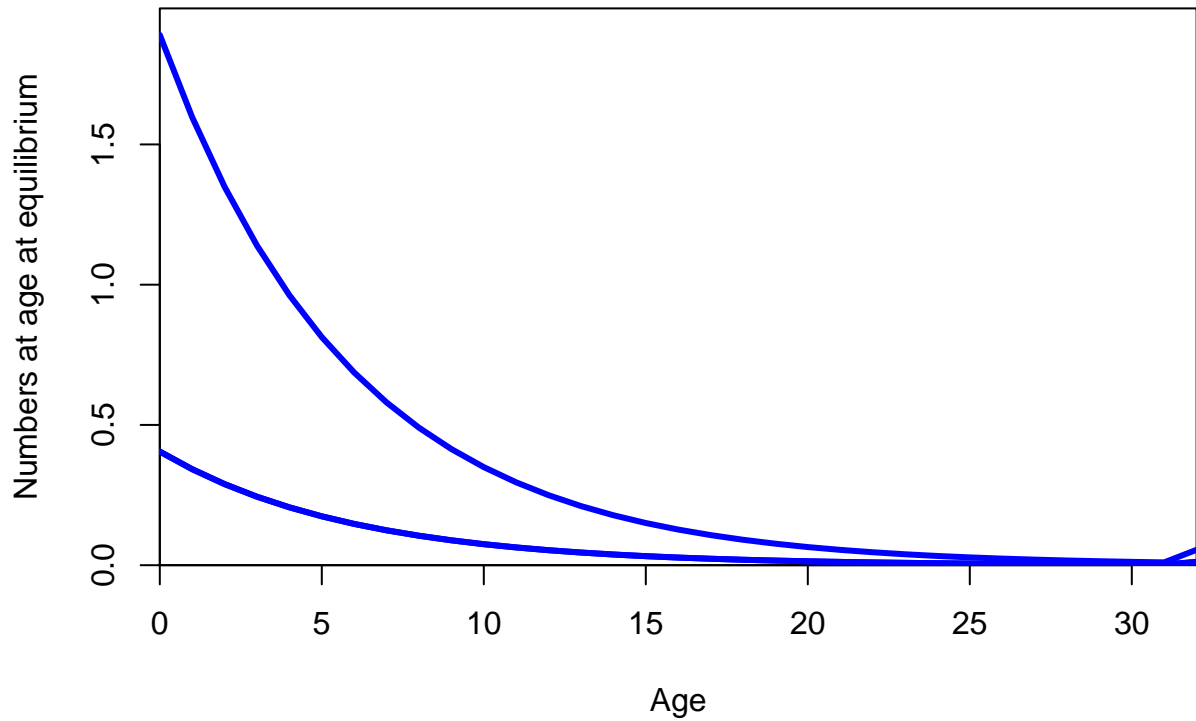


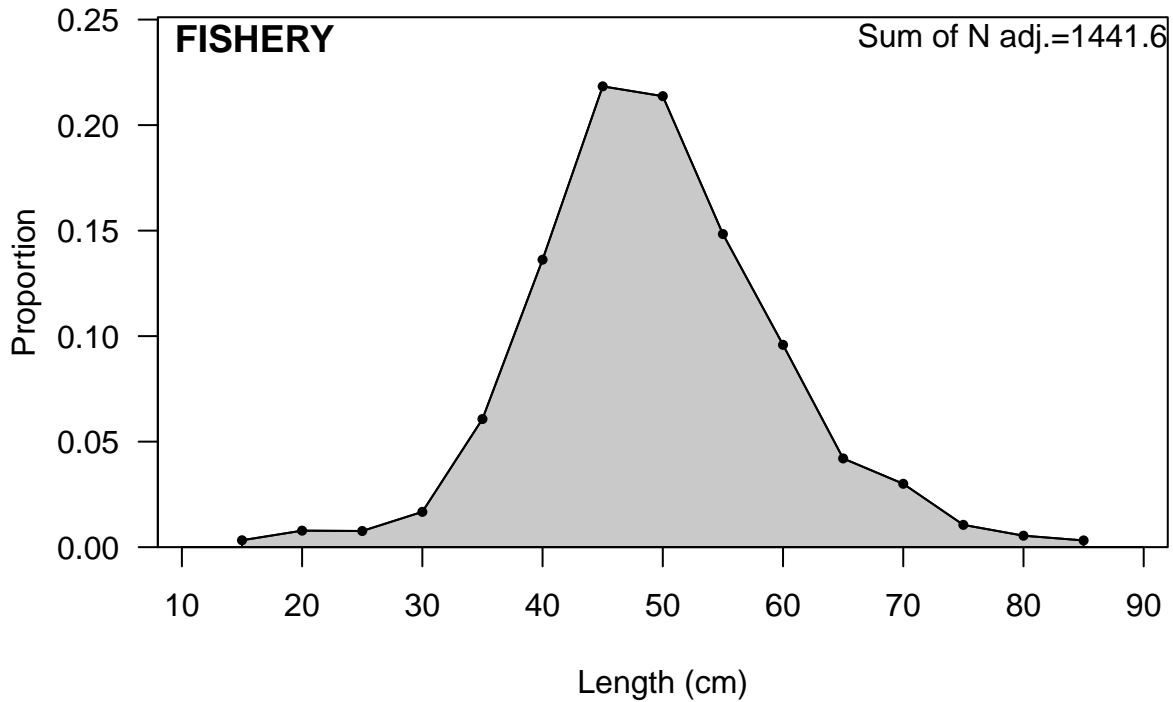






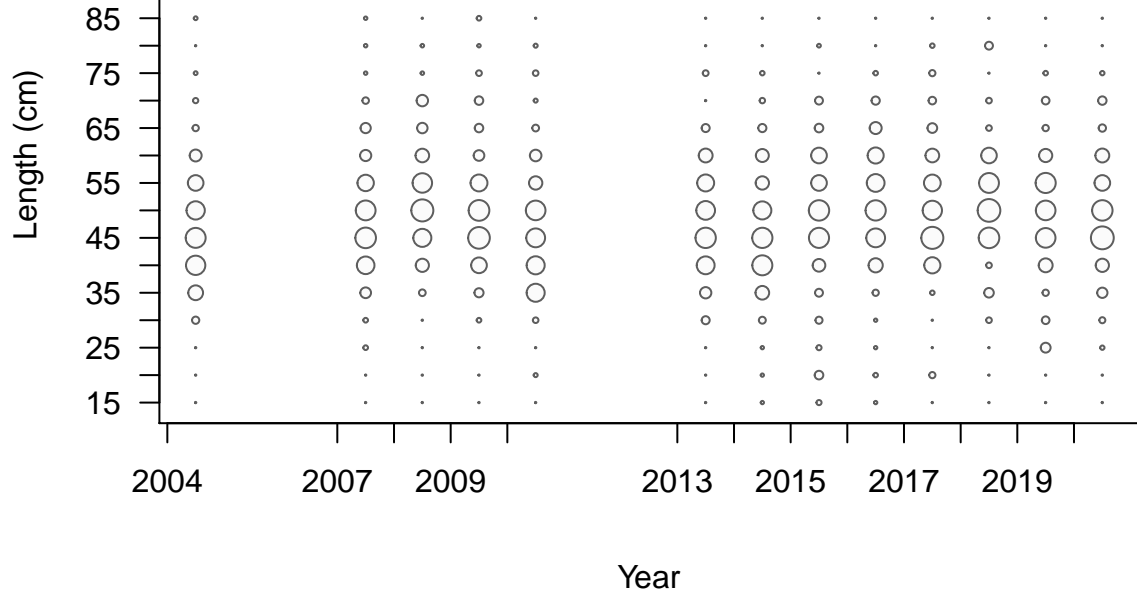




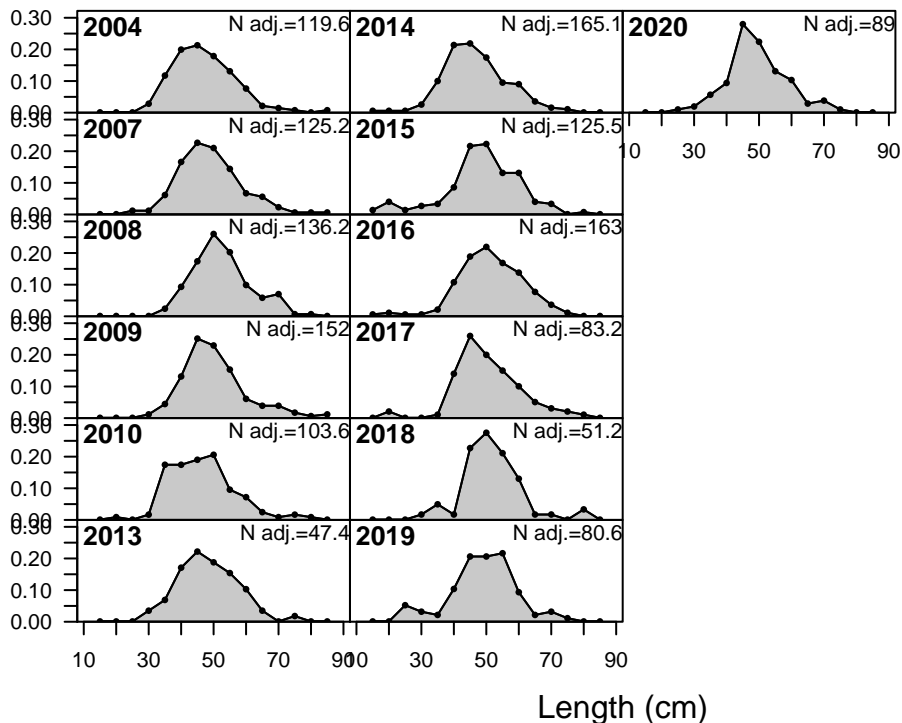


FISHERY

◦ 0.01 ○ 0.2

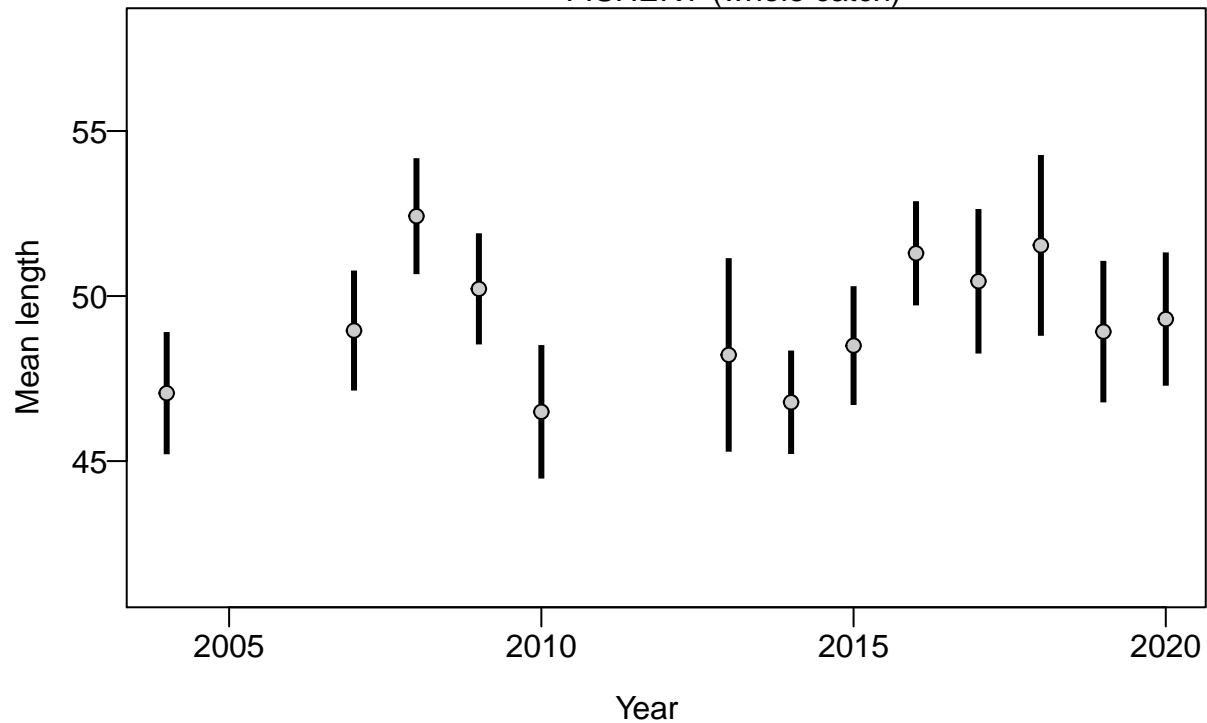


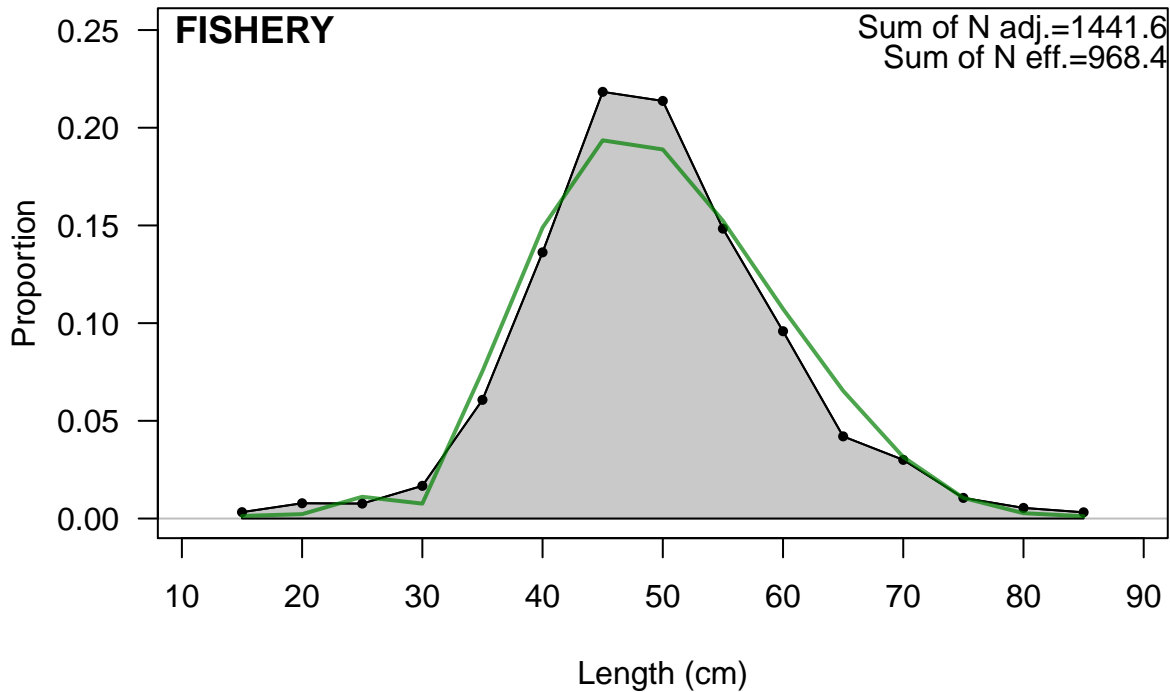
Proportion

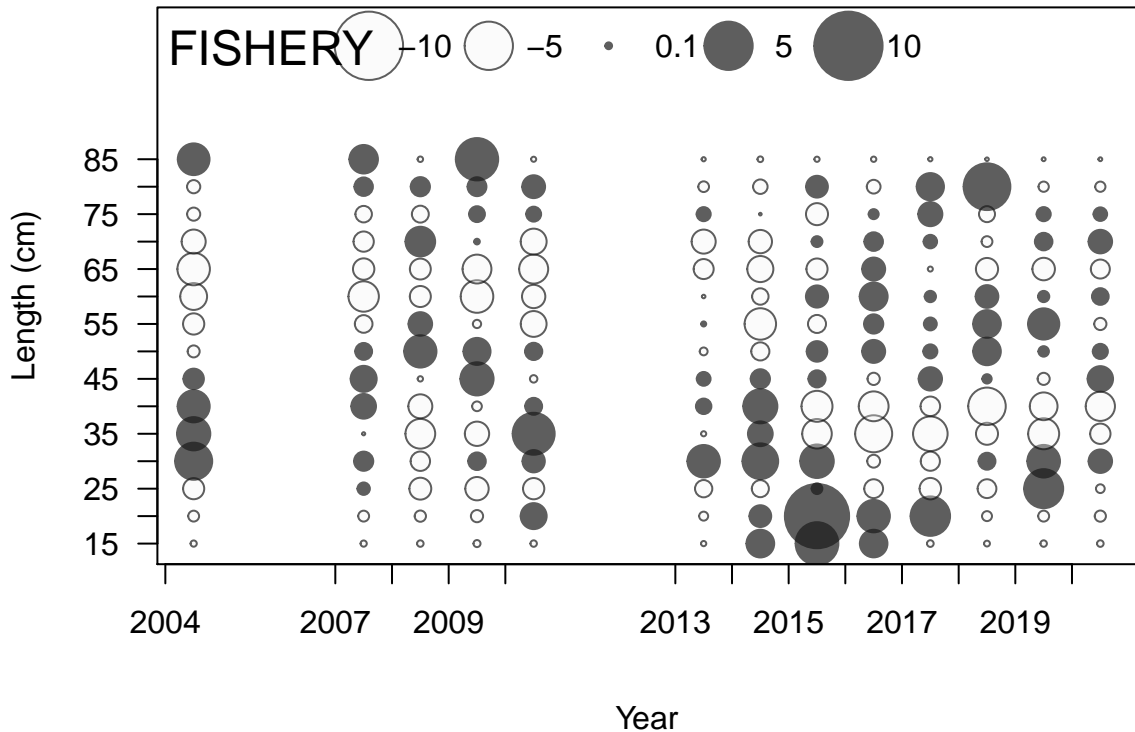




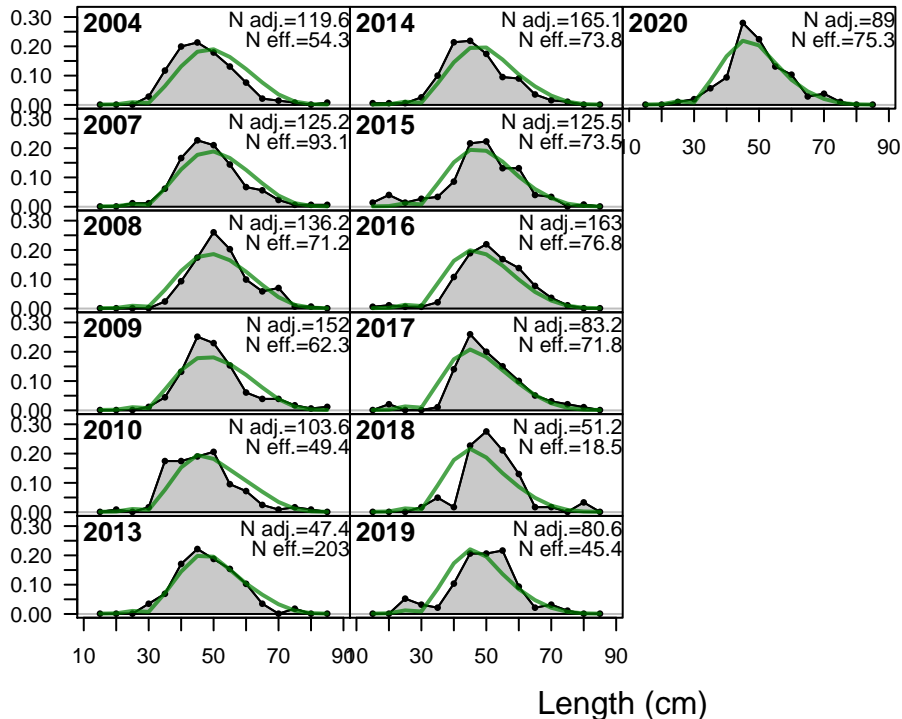
FISHERY (whole catch)

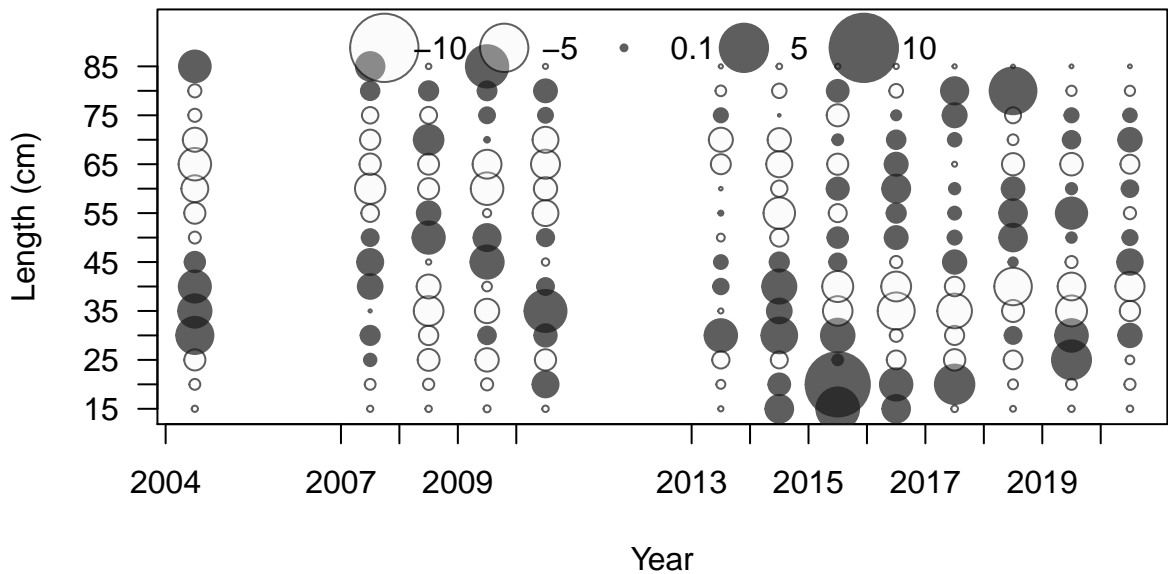




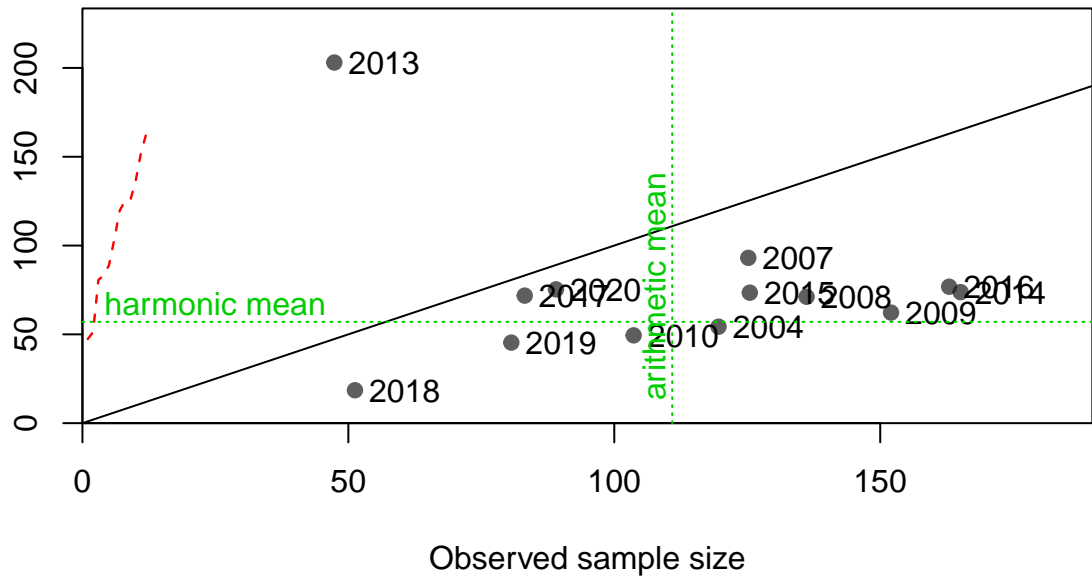


Proportion

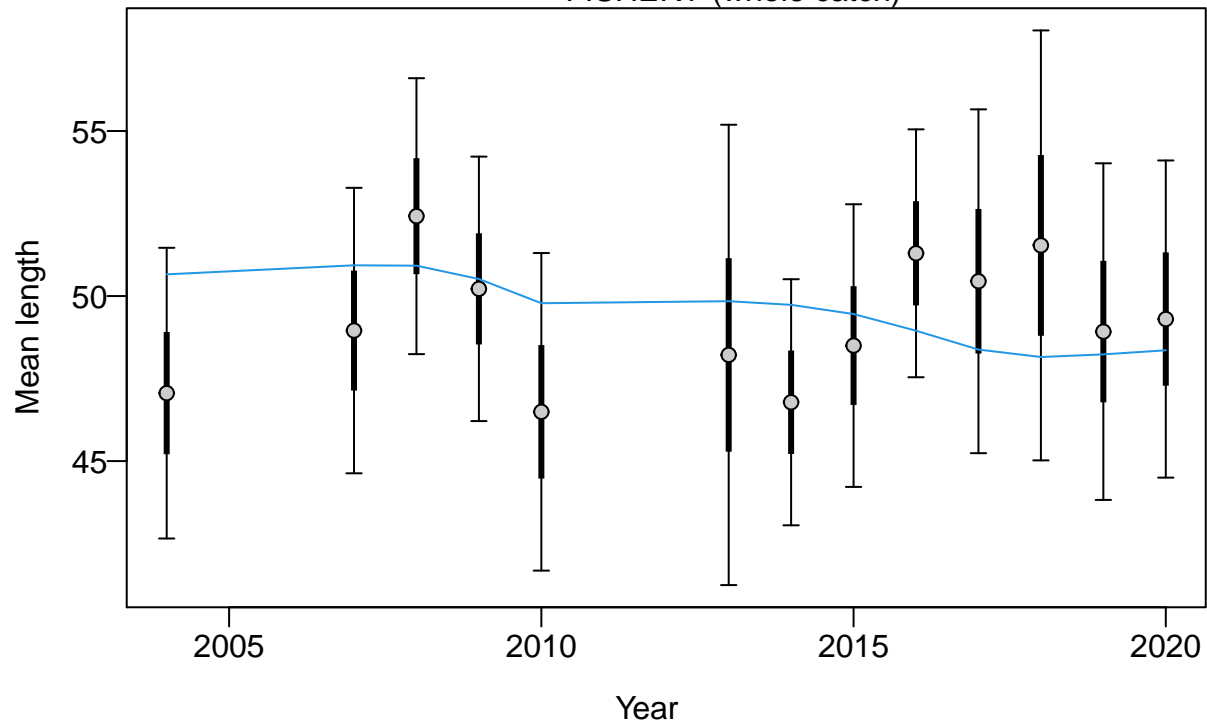


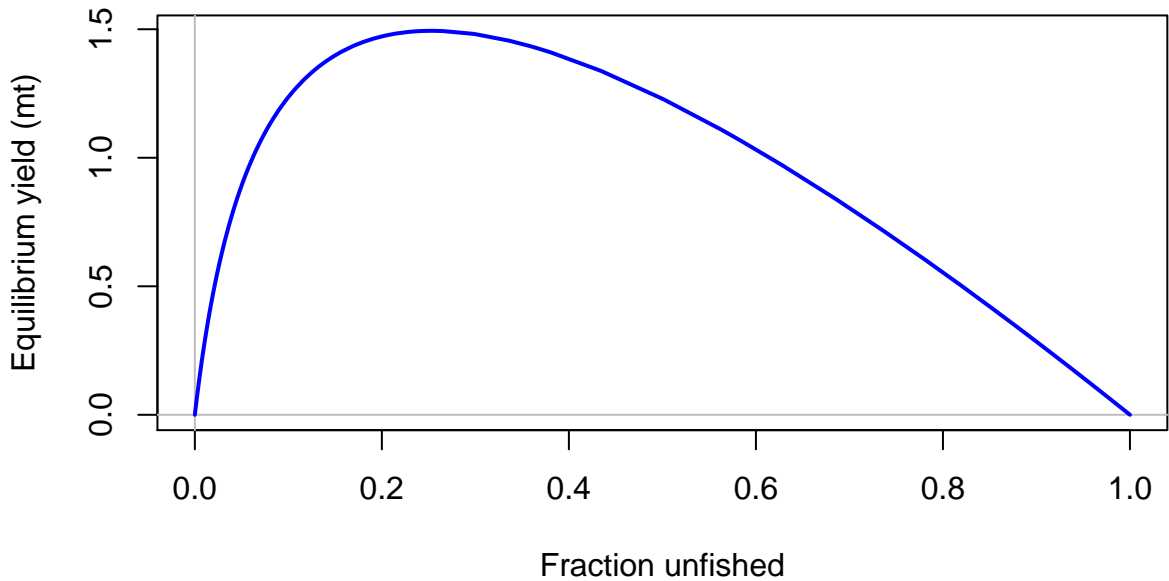


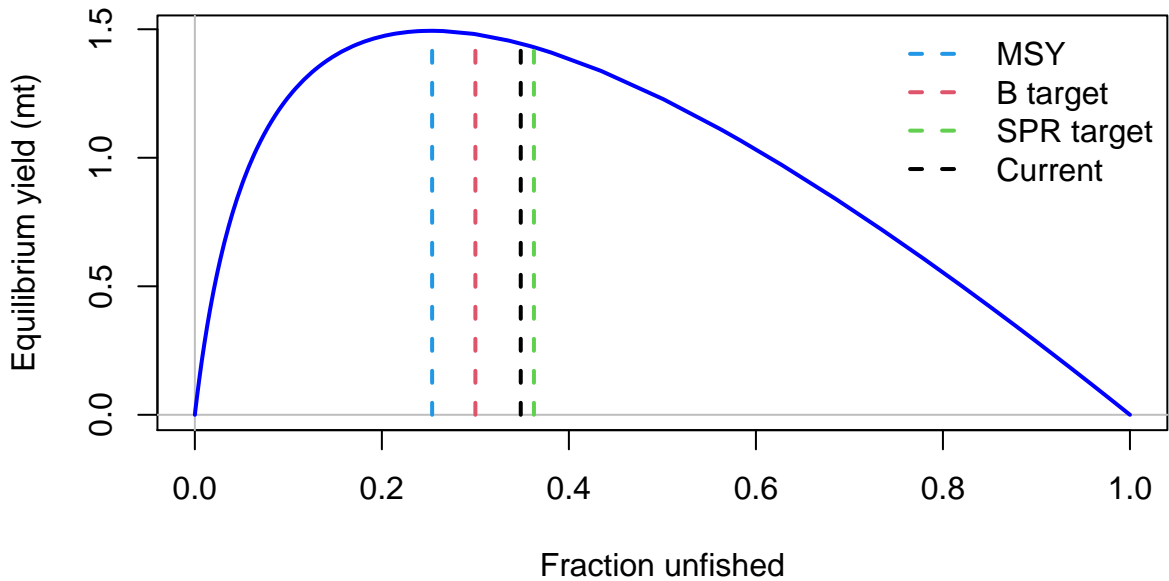
Effective sample size

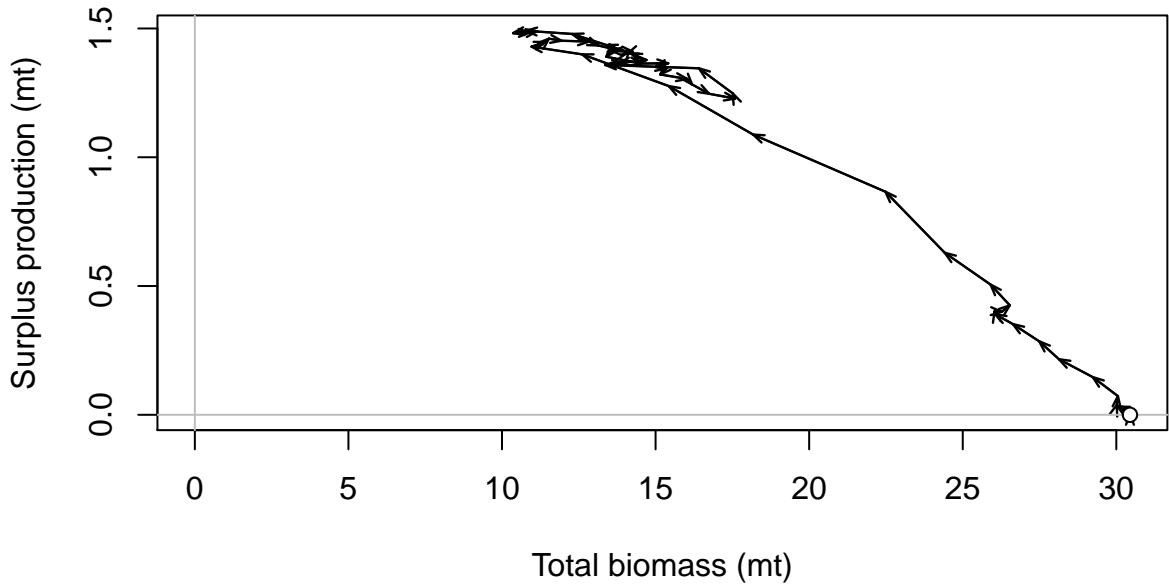


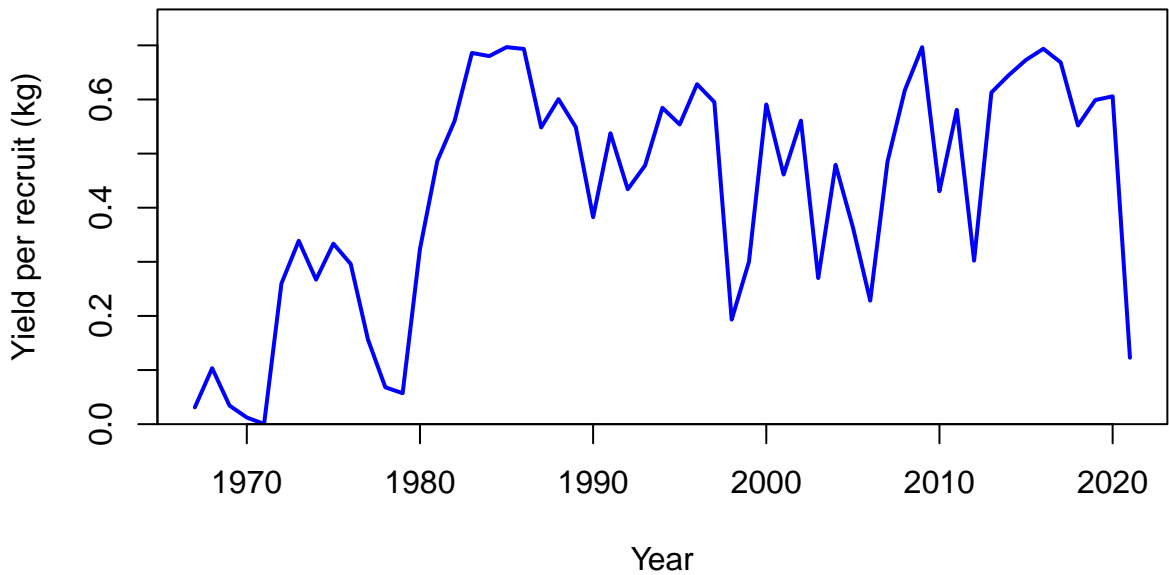
FISHERY (whole catch)

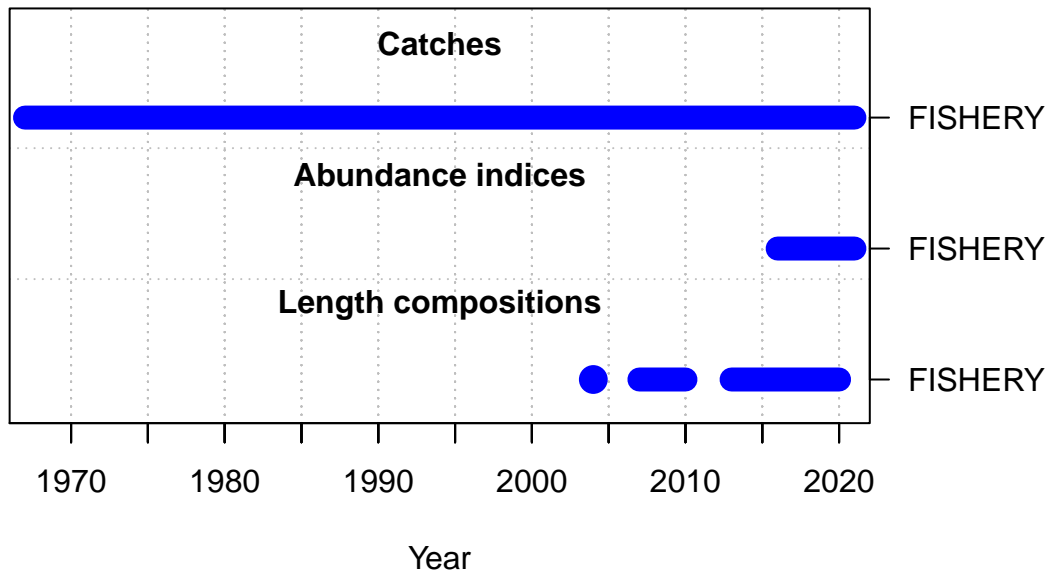


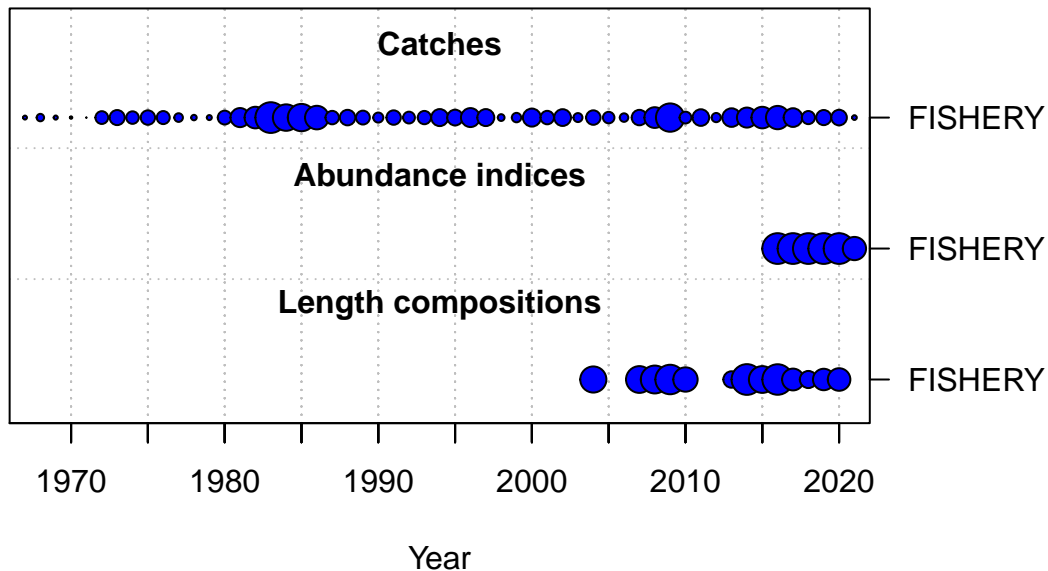






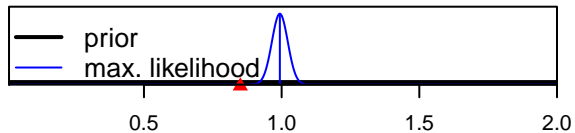




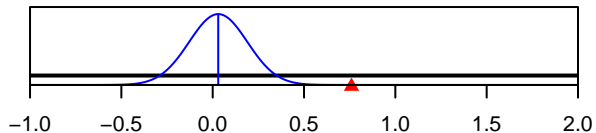


Density

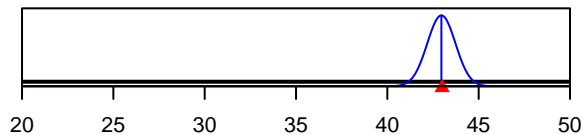
SR_LN(R0)



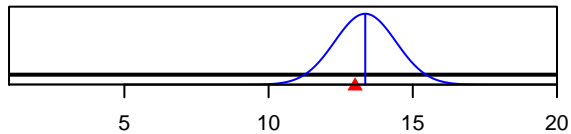
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value