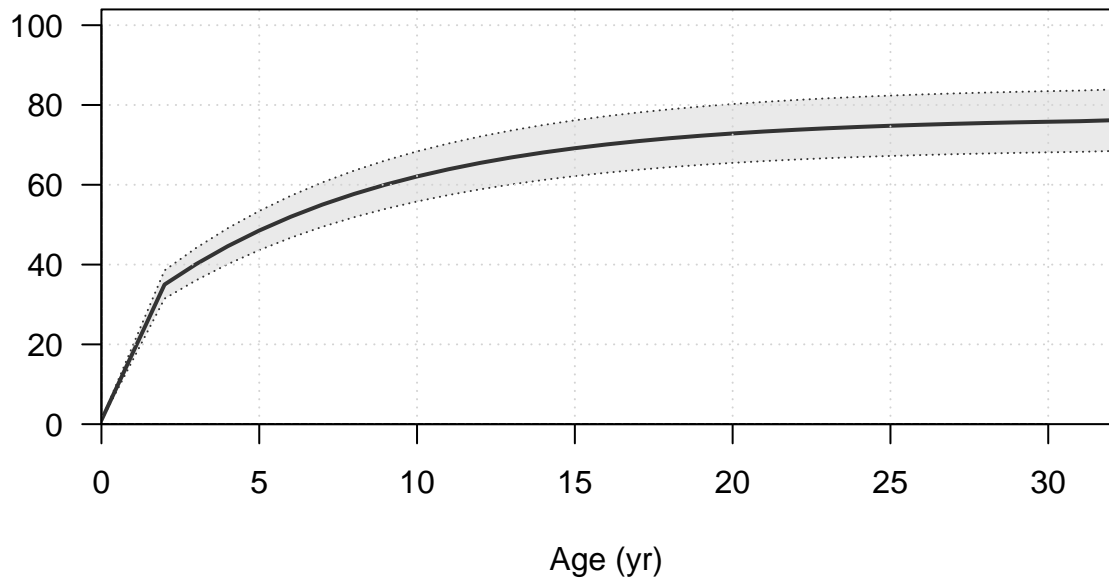


Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Sun Oct 16 10:54:08 2022
Data_File: data.ss
Control_File: control.ss

Length (cm, beginning of the year)

















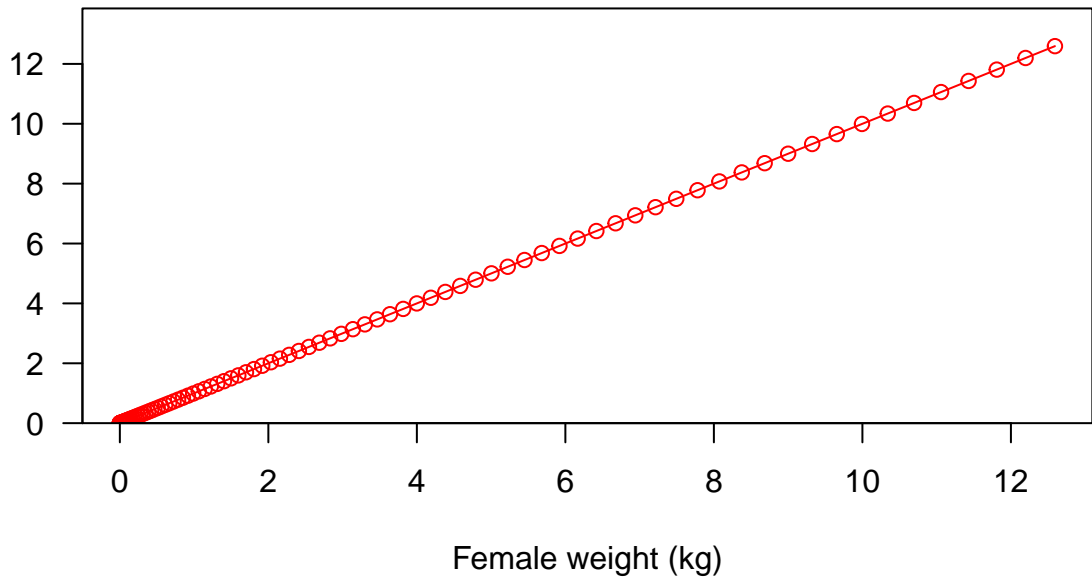








Fecundity



Fecundity



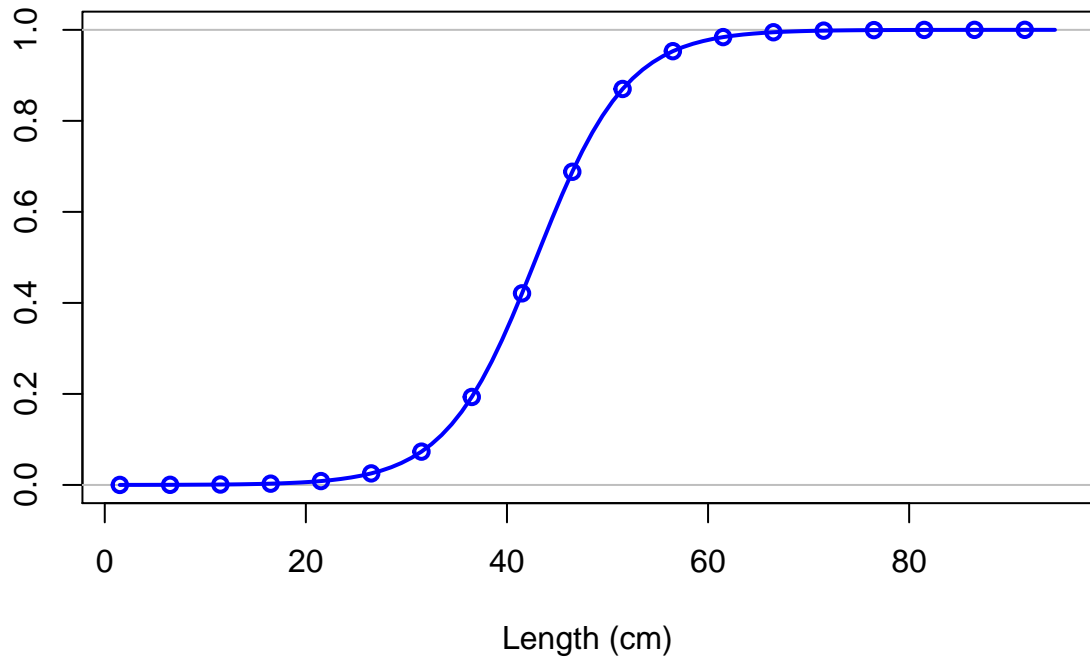
Spawning output



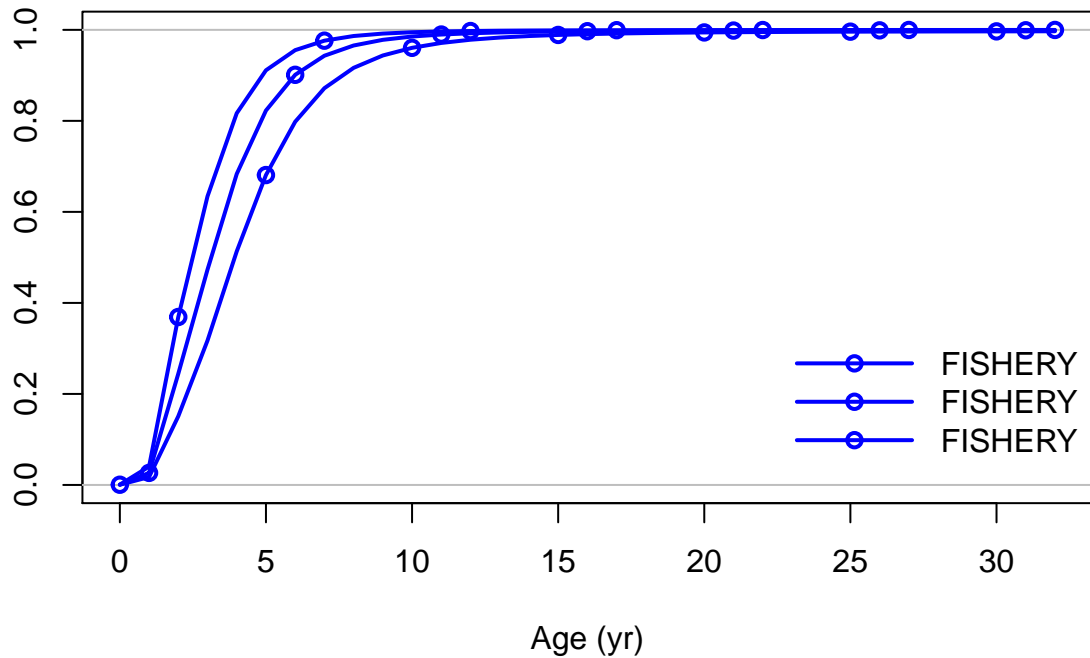
Spawning output



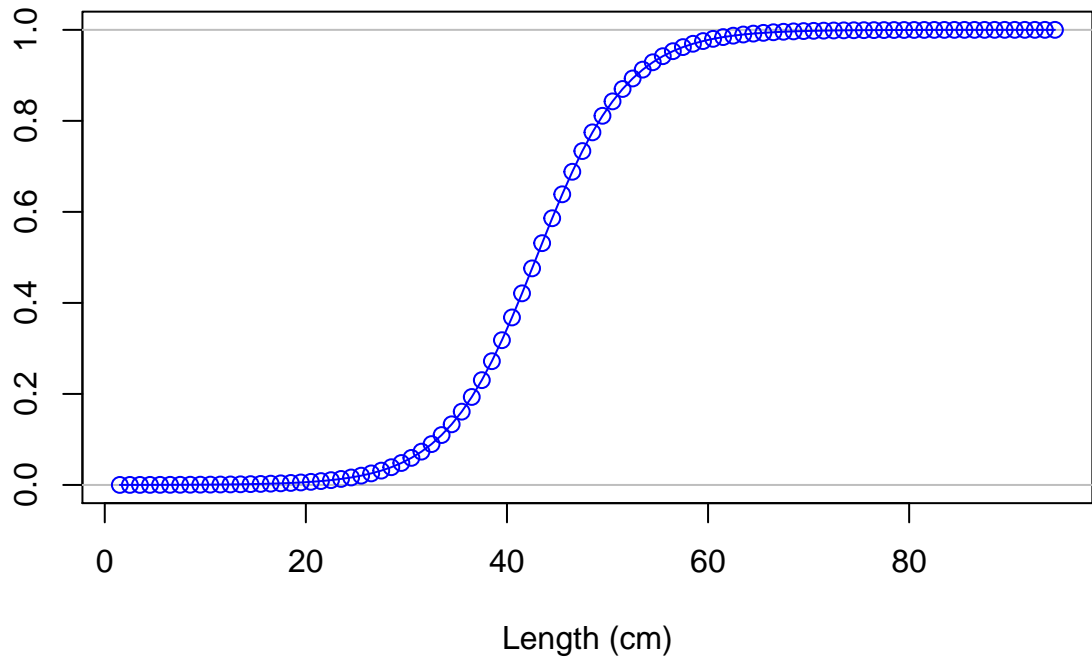
Selectivity

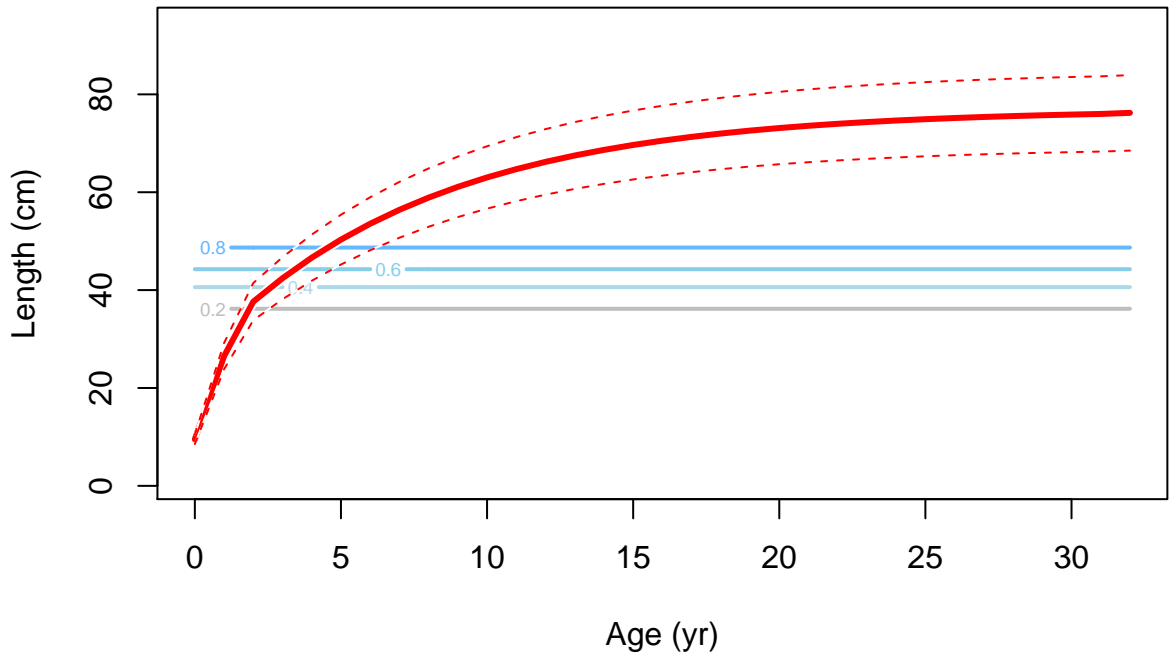


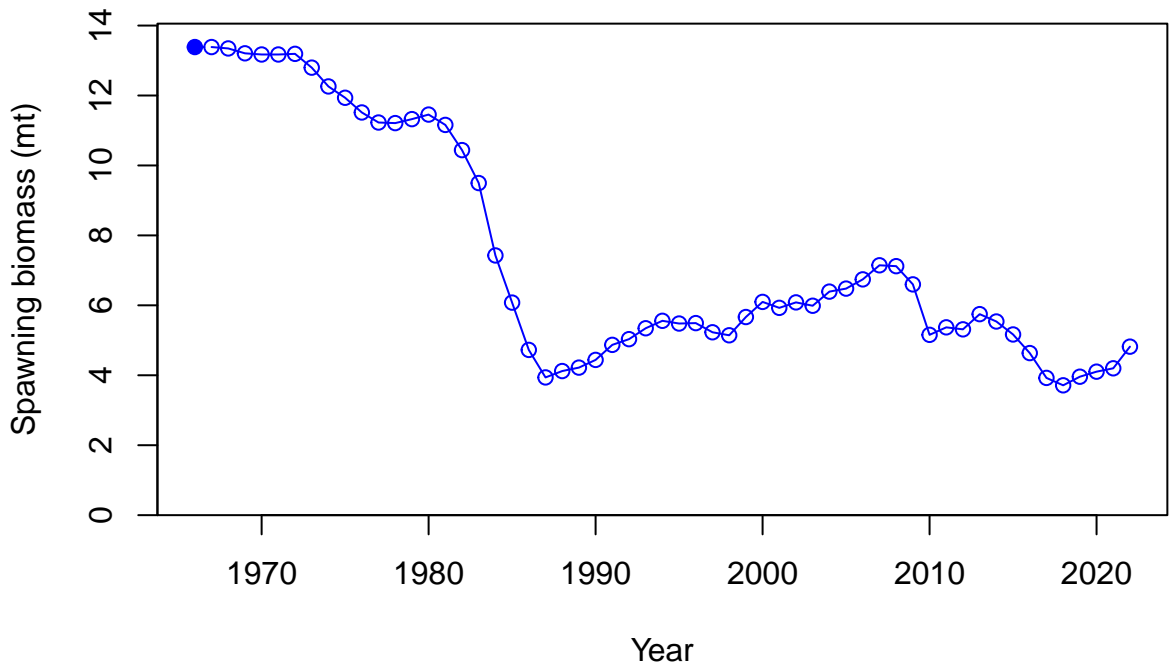
Selectivity

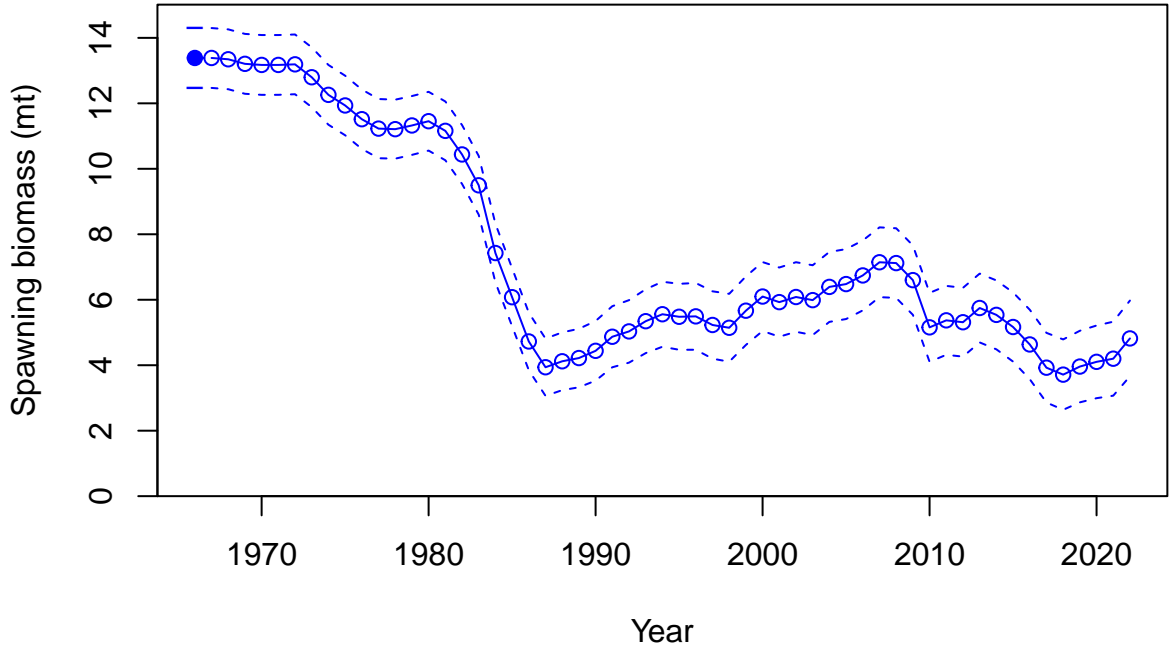


Selectivity

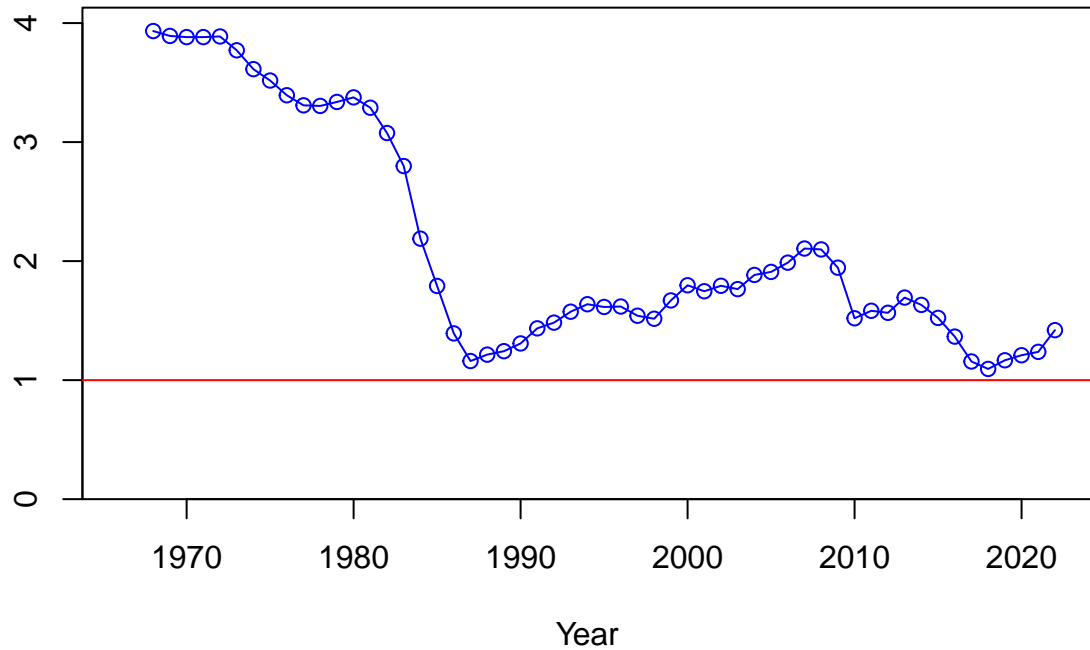




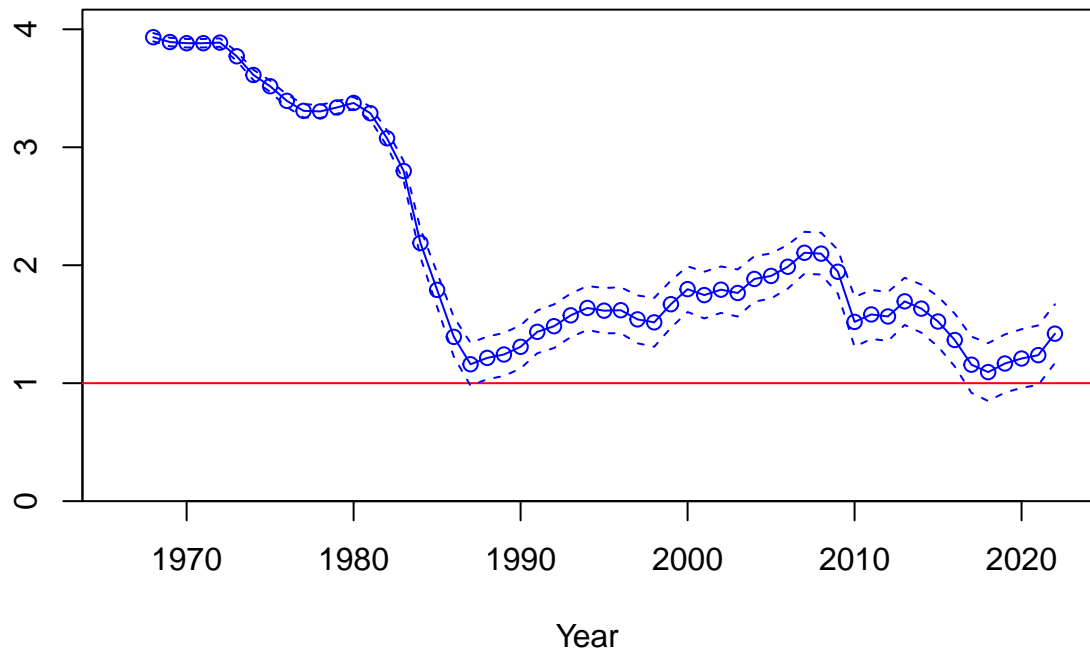


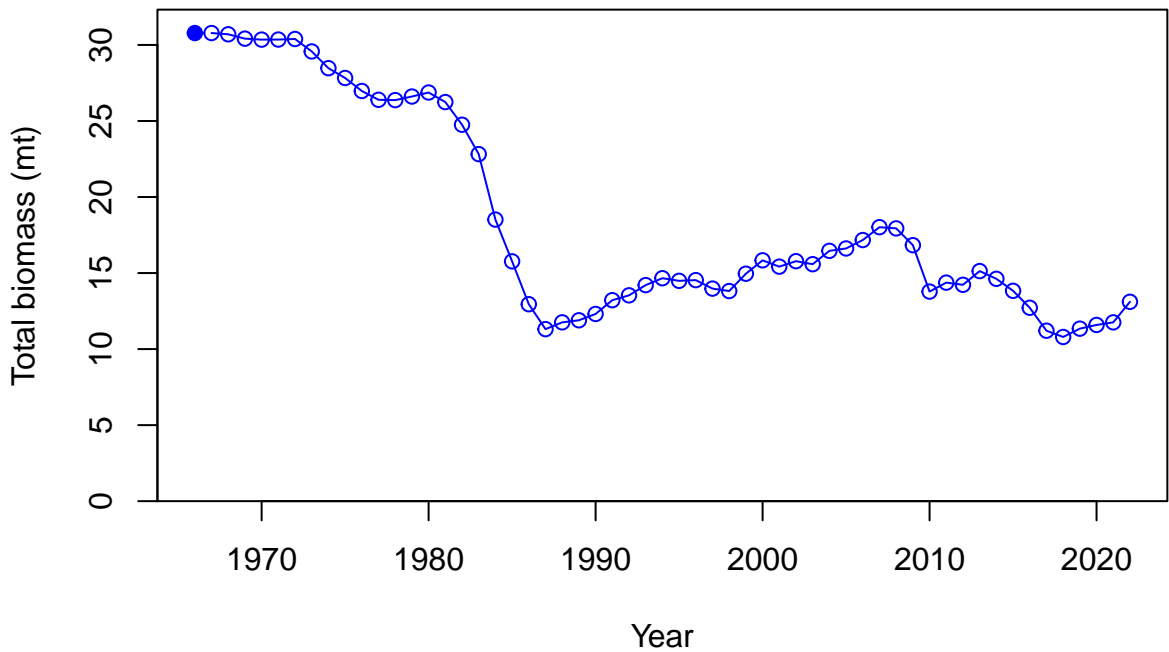


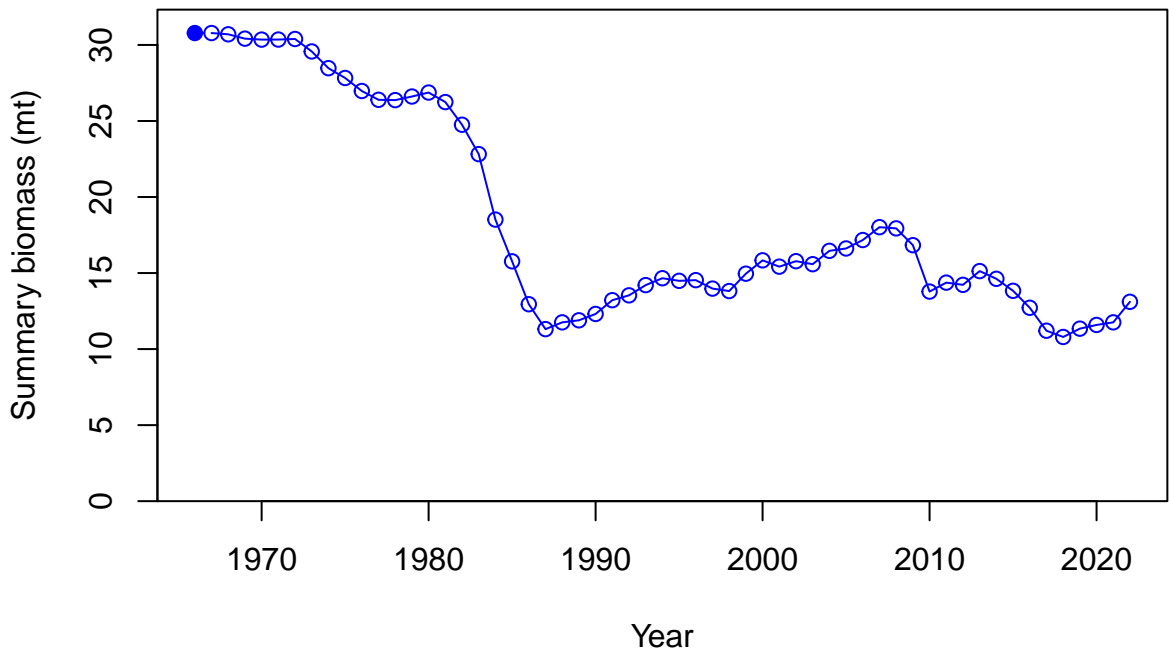
Relative spawning biomass: B/B_{MSY}

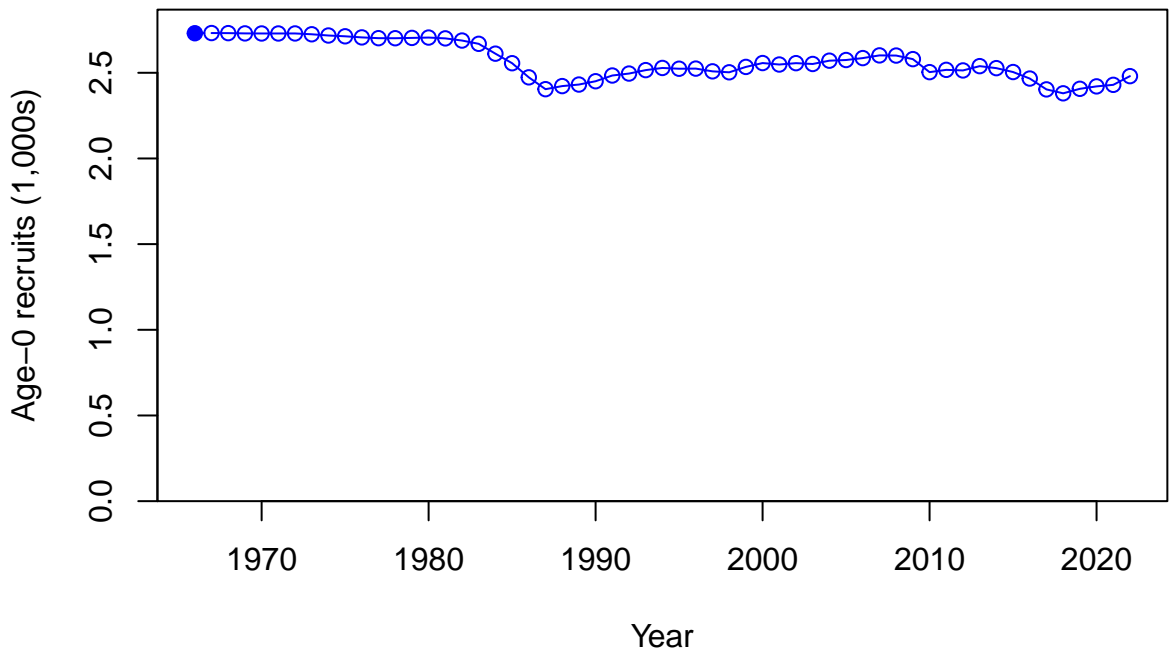


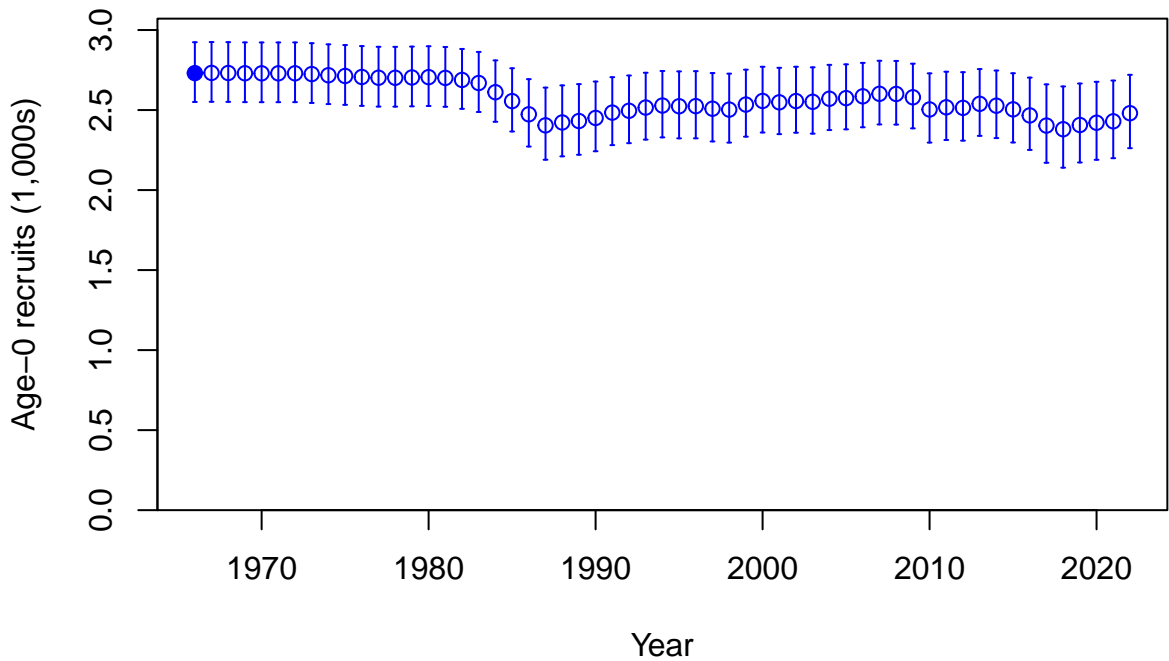
Relative spawning biomass: B/B_{MSY}



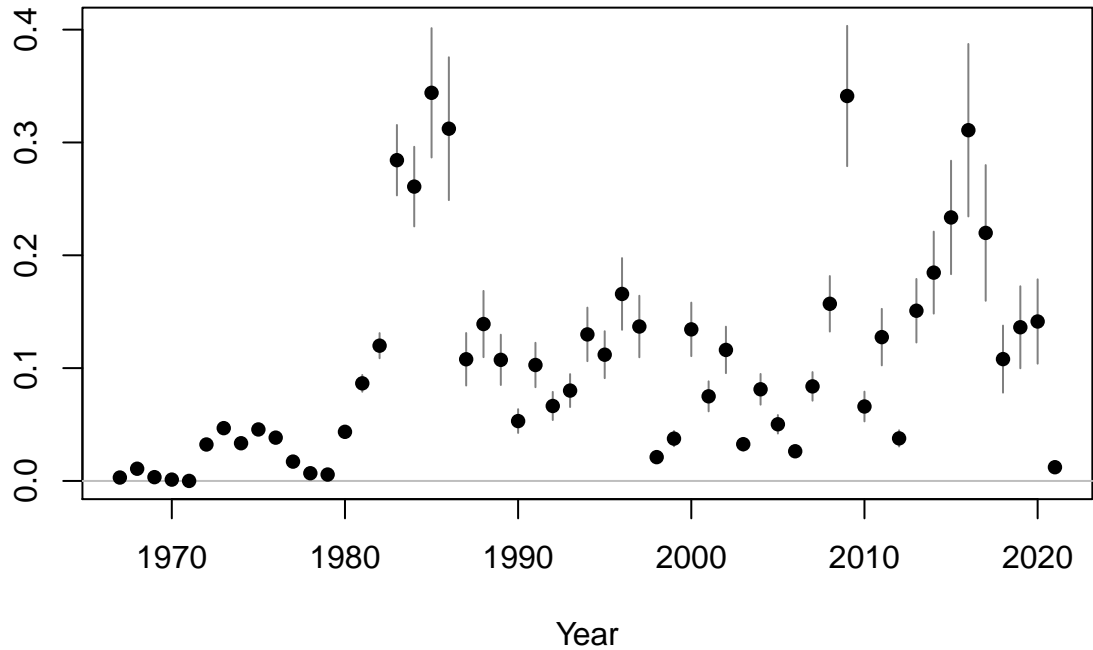


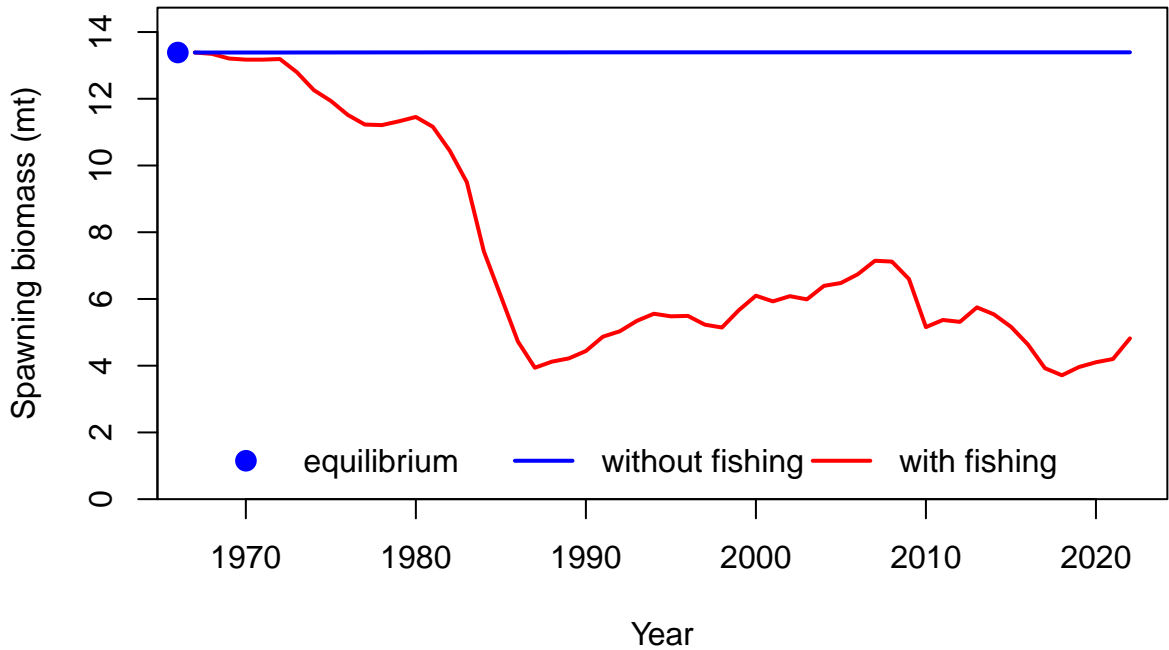


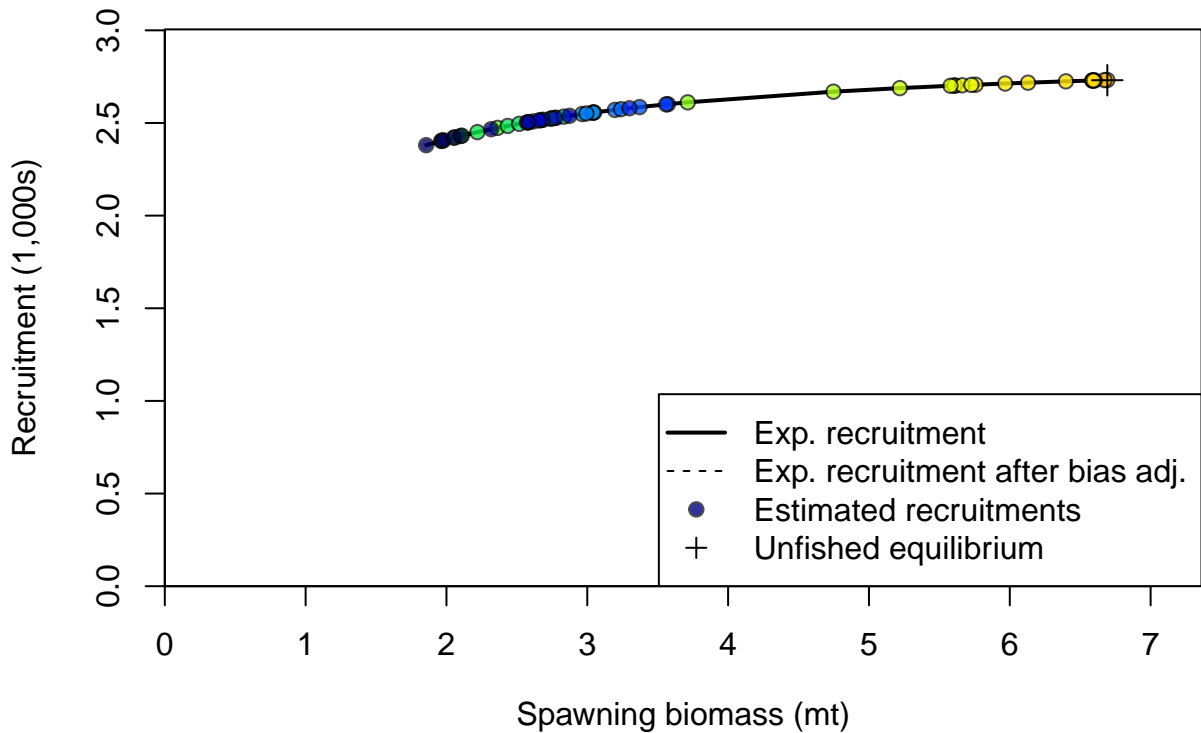


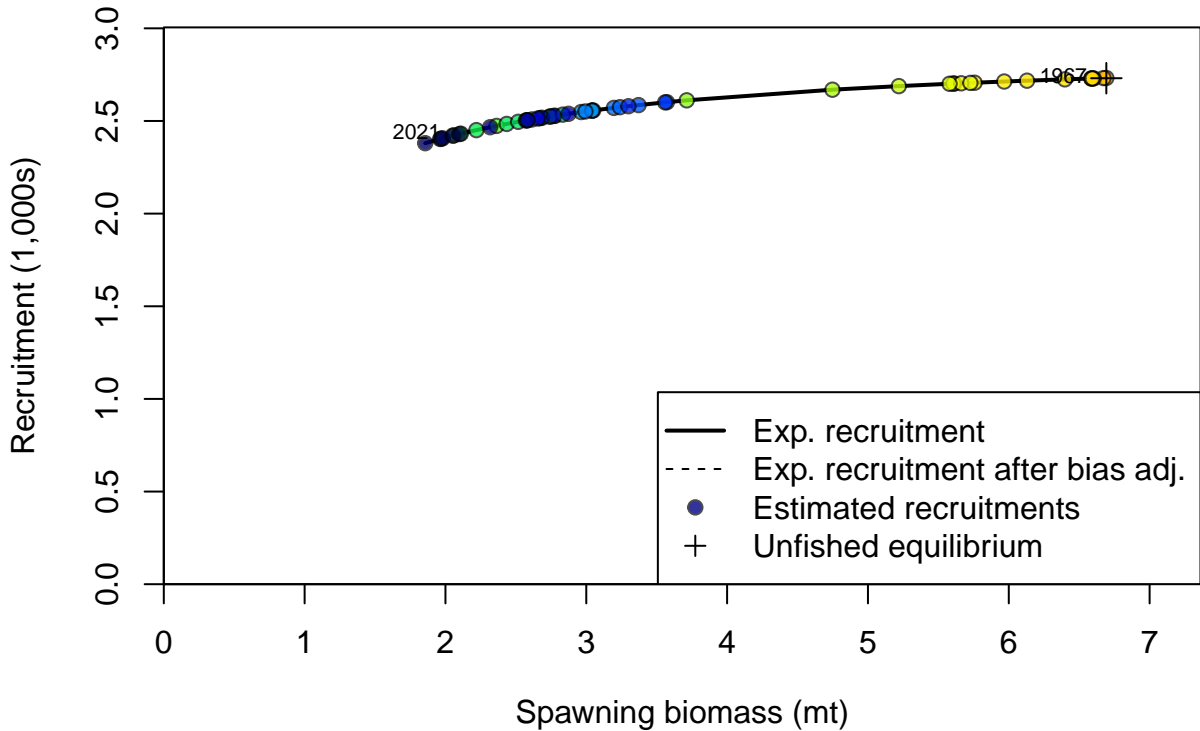


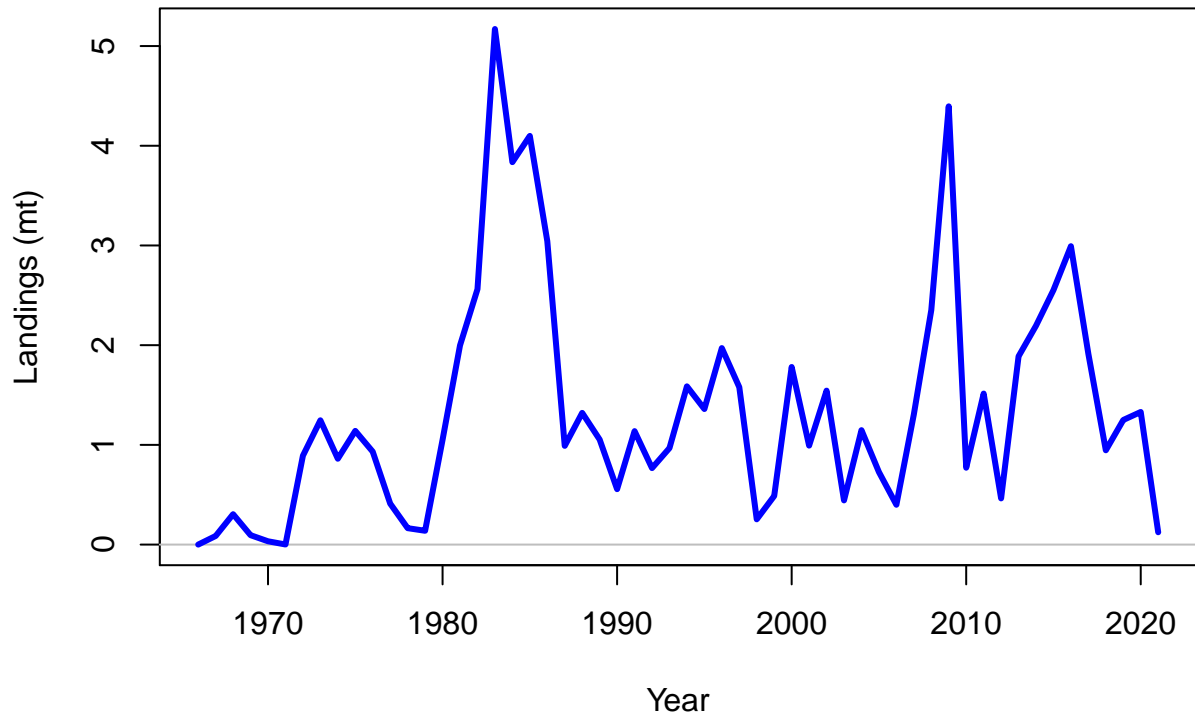
Summary Fishing Mortality



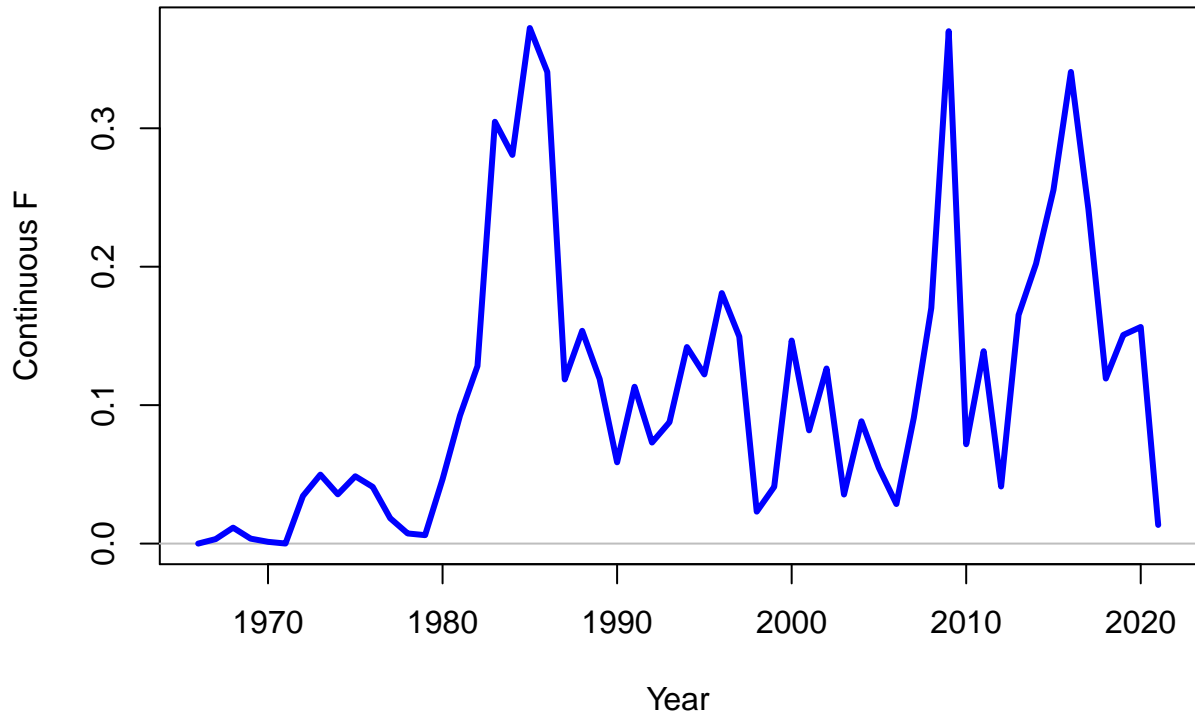




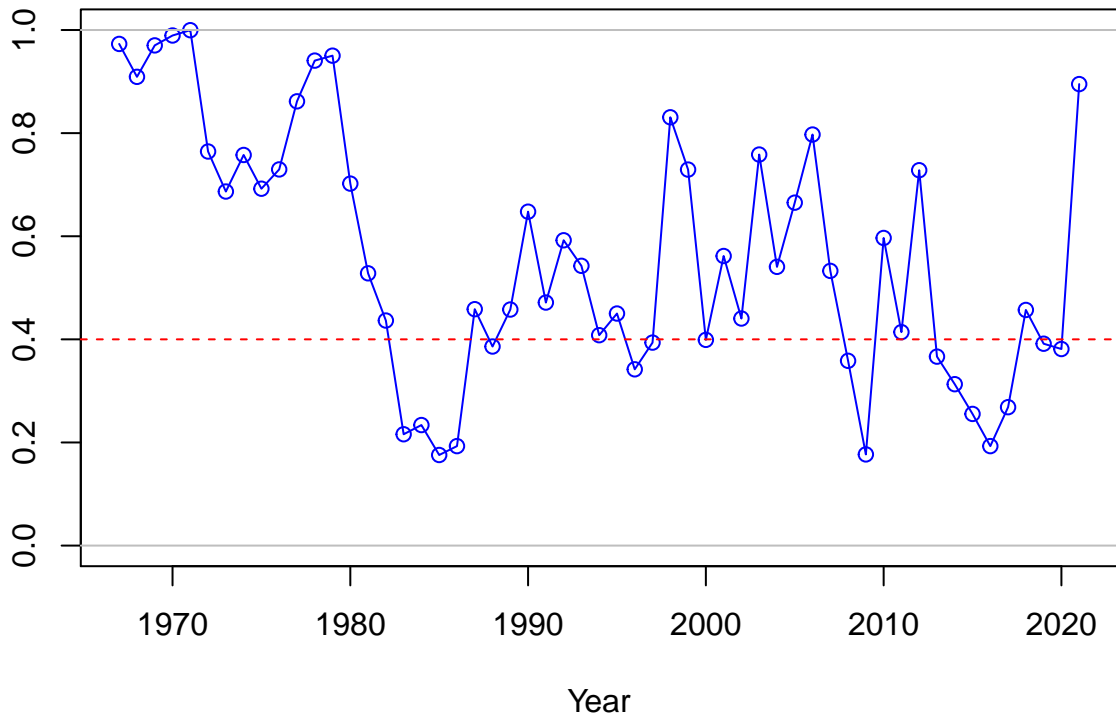


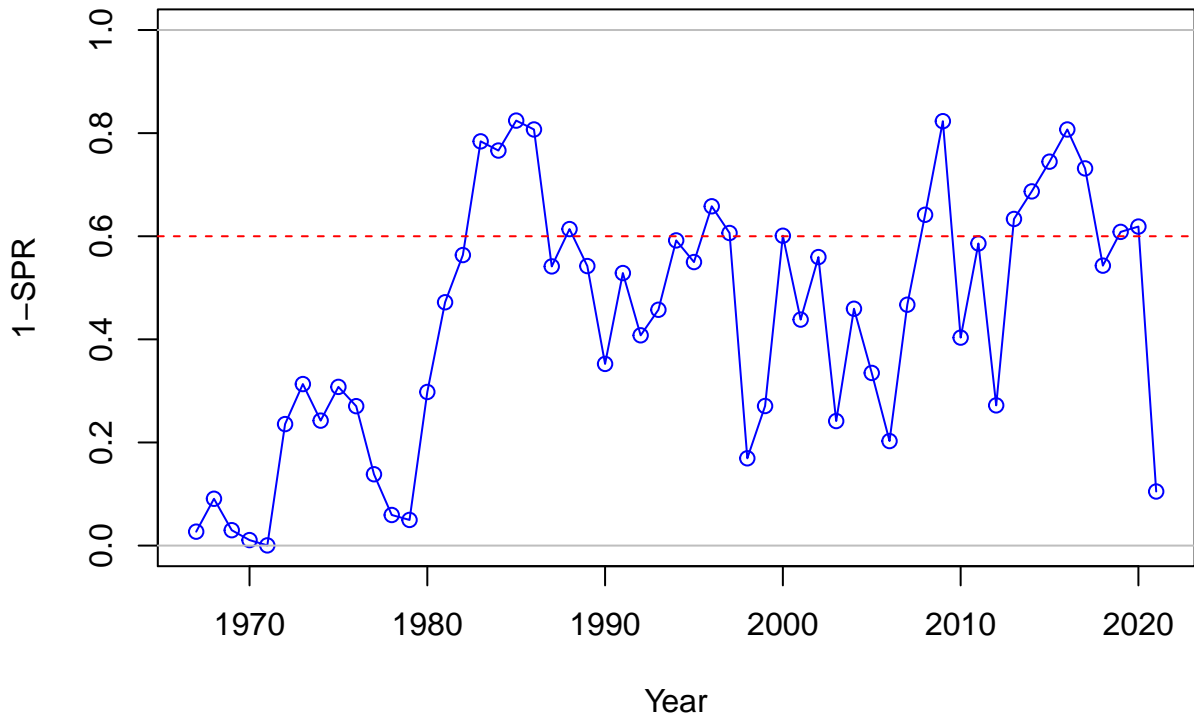




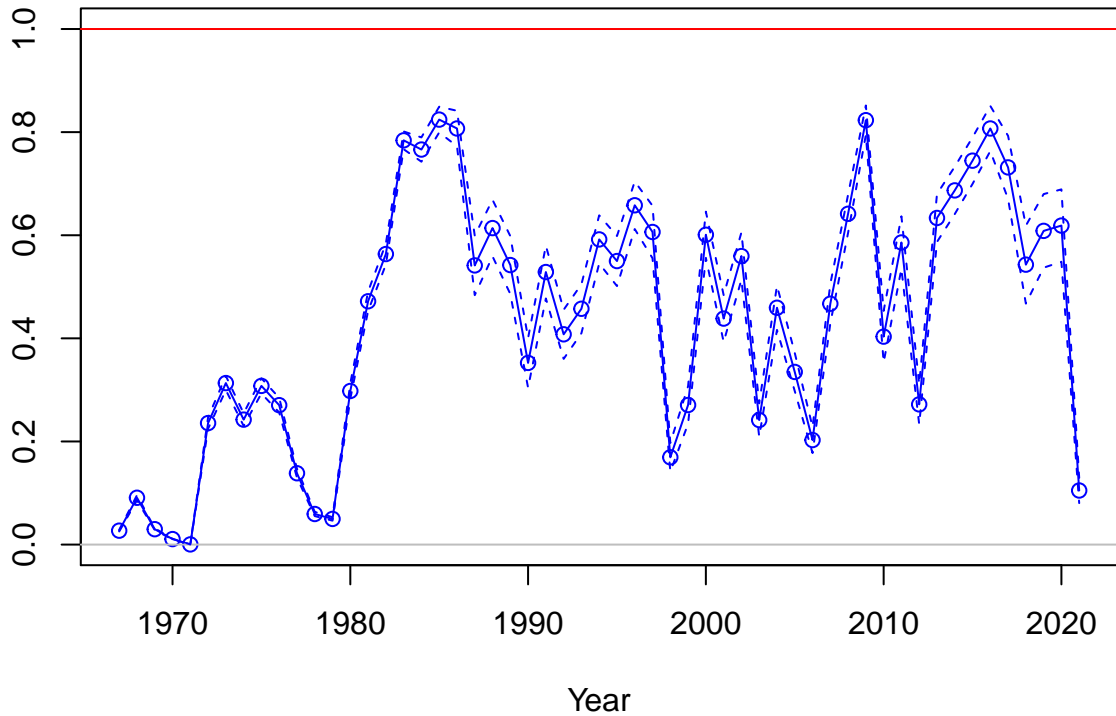


SPR

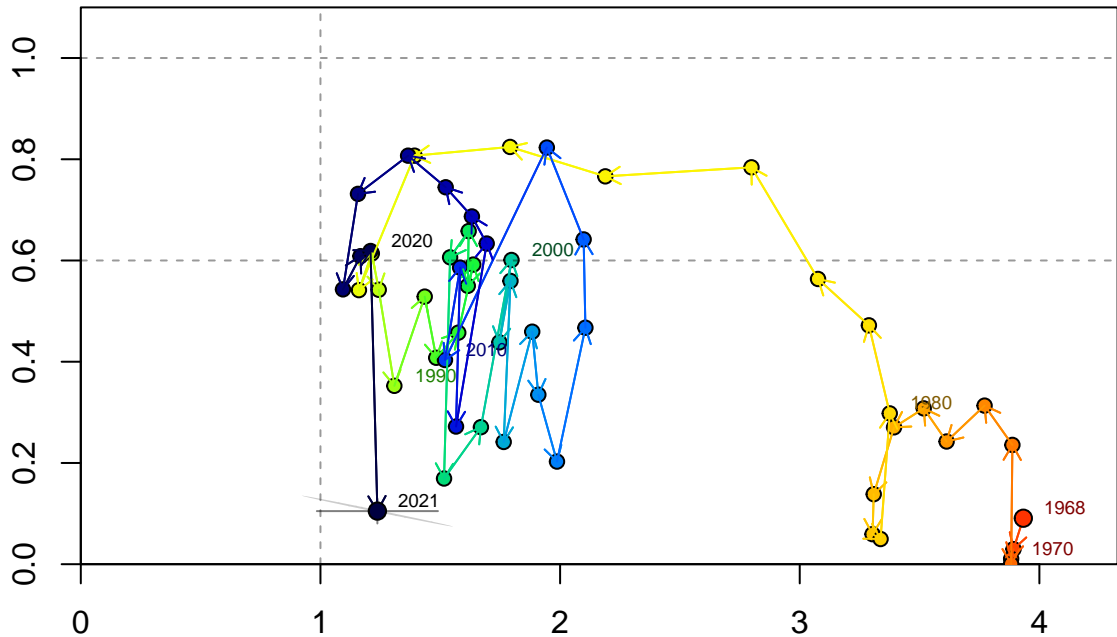




Fishing intensity: 1-SPR

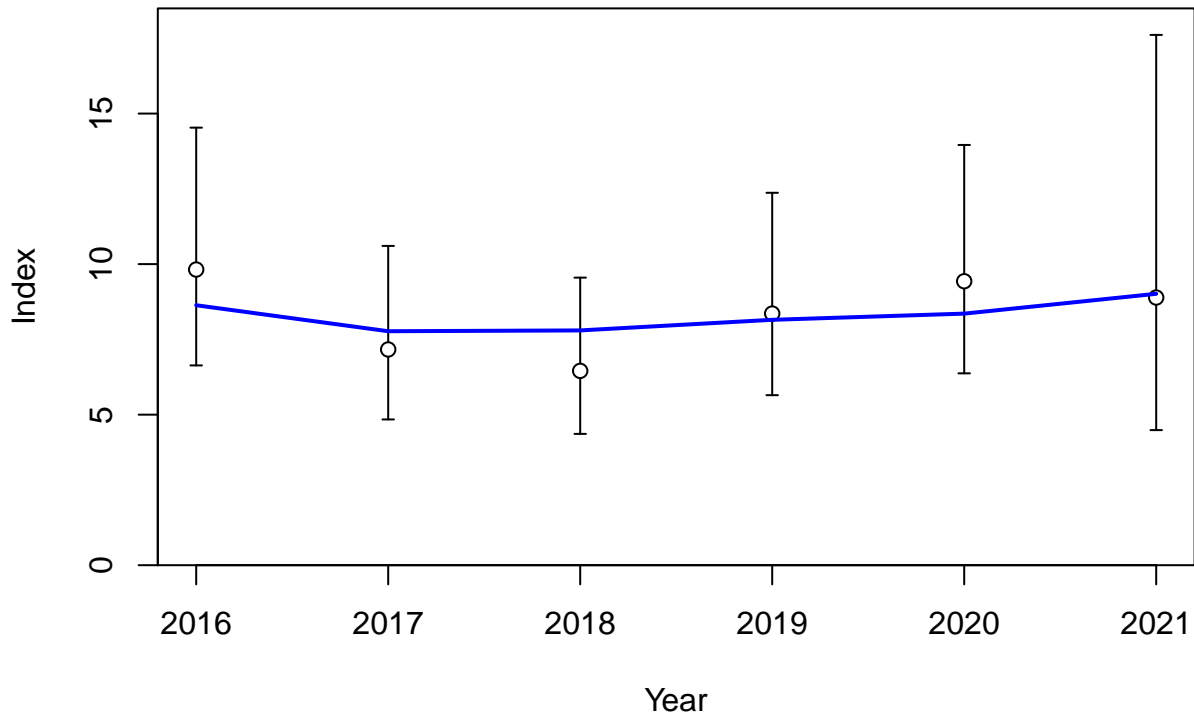


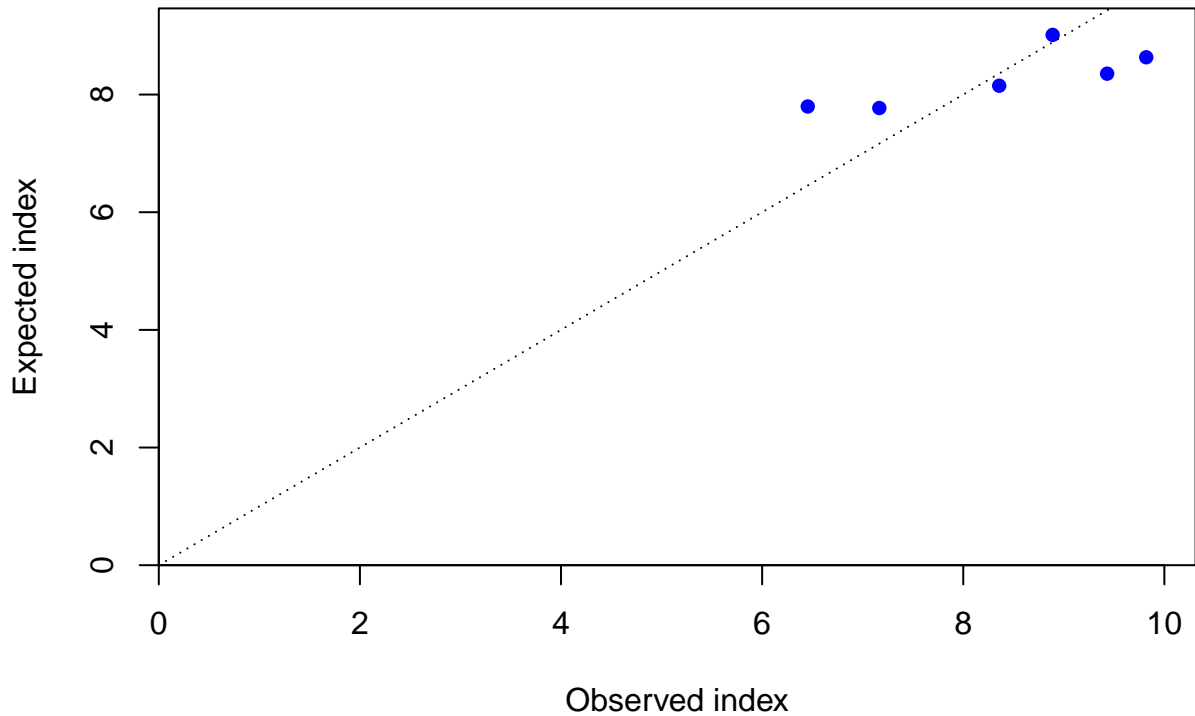
Fishing intensity: 1-SPR

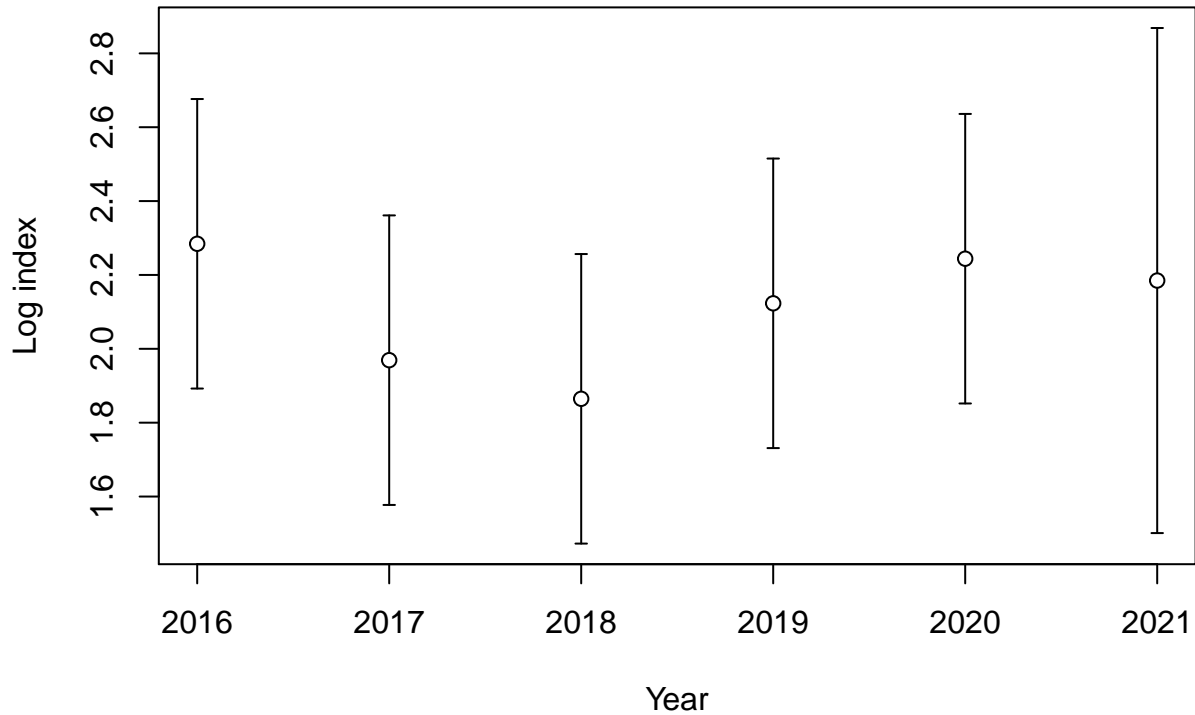


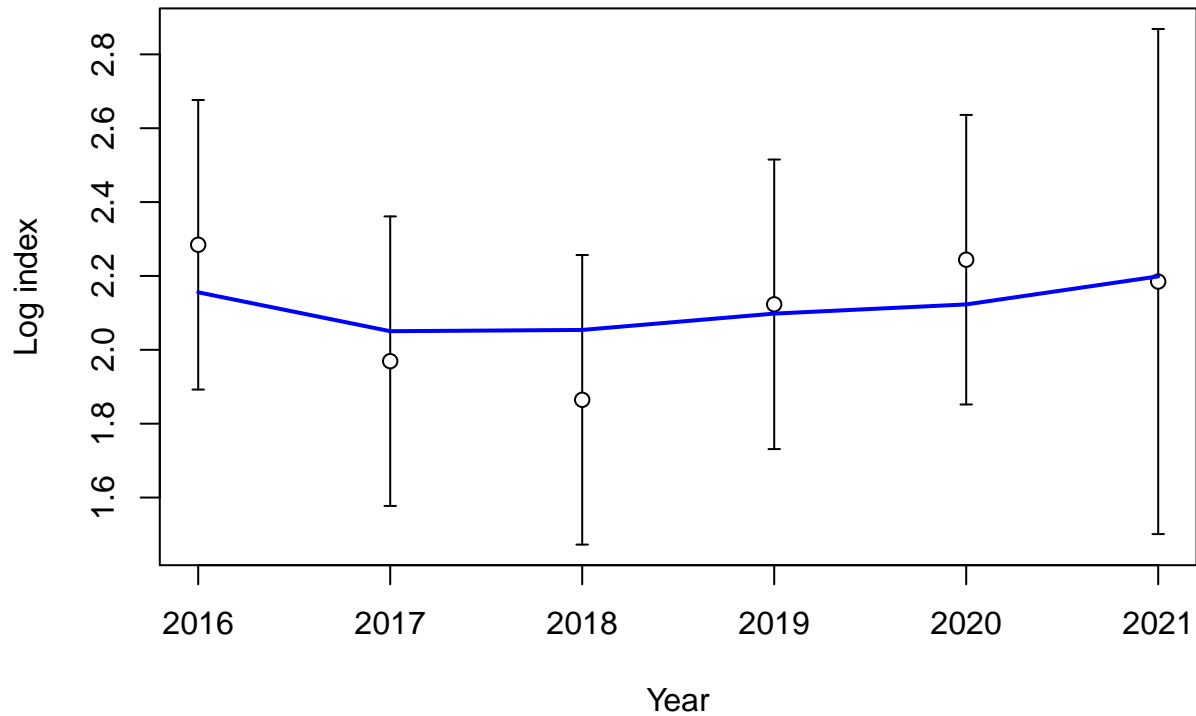
Relative spawning output: B/B_{MSY}



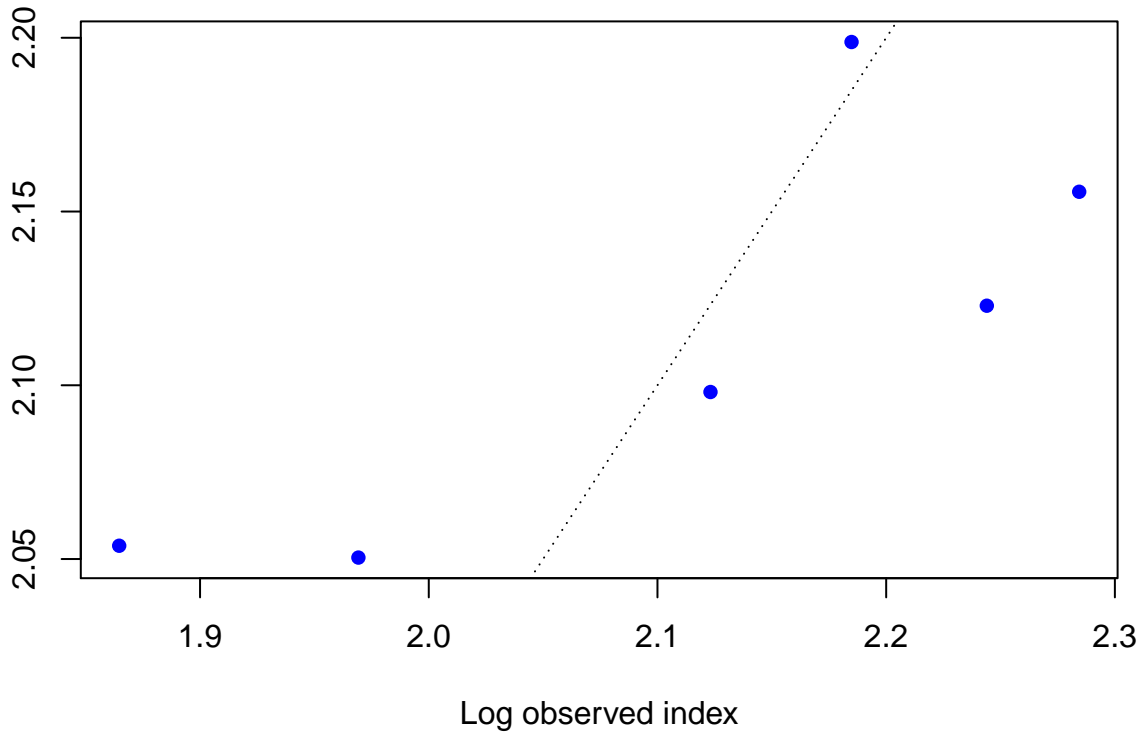


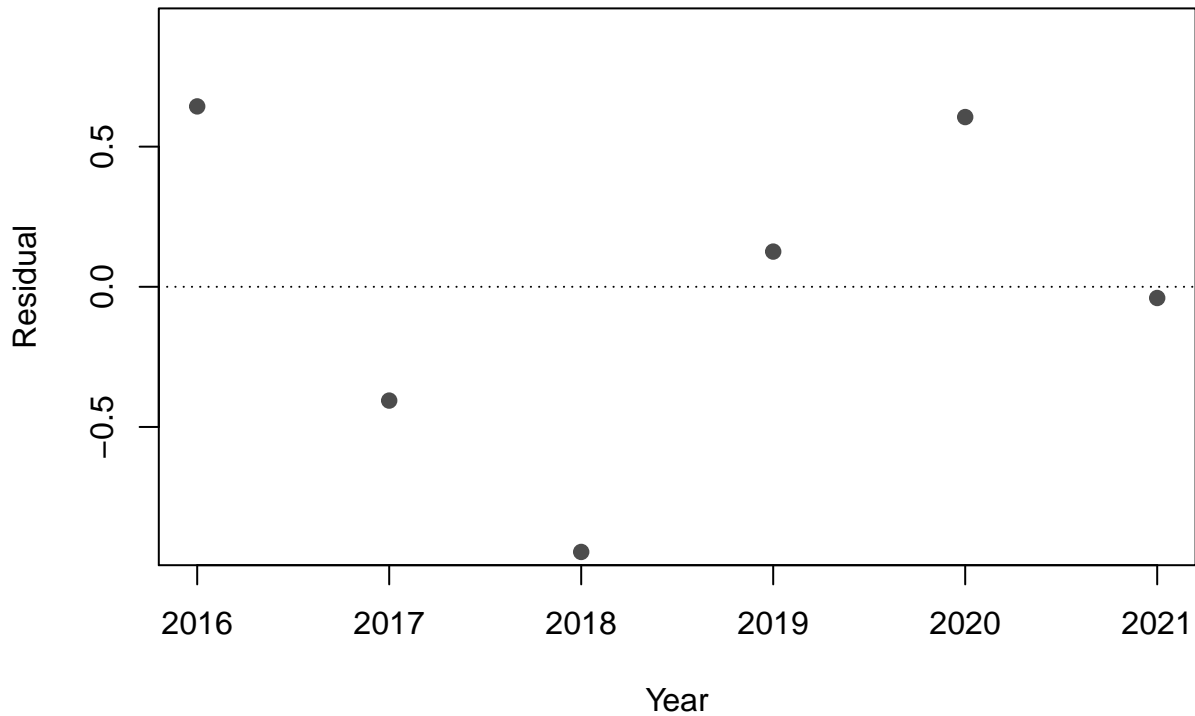






Log expected index





Deviation

0.1

0.0

-0.1

2016

2017

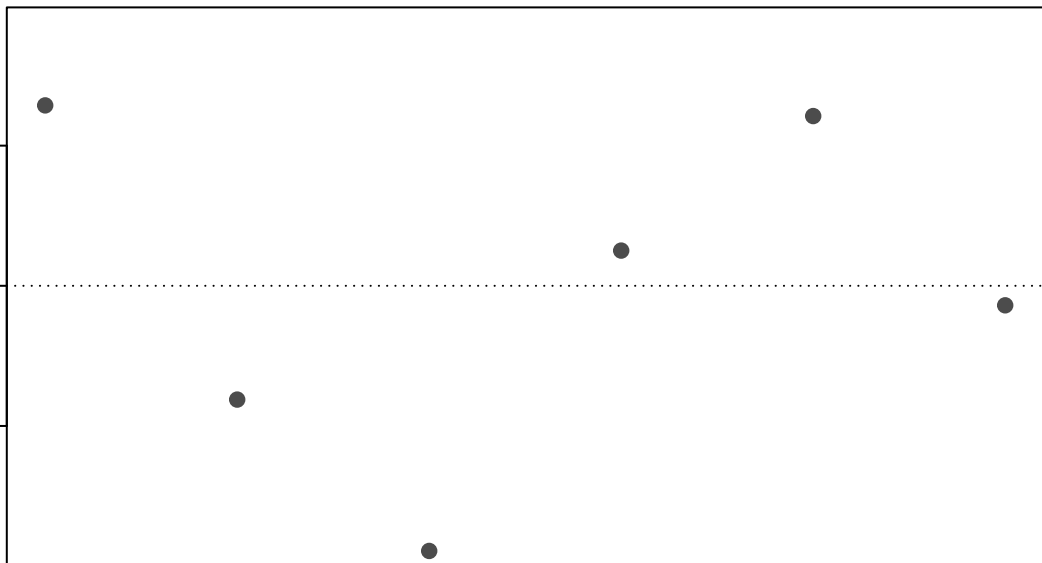
2018

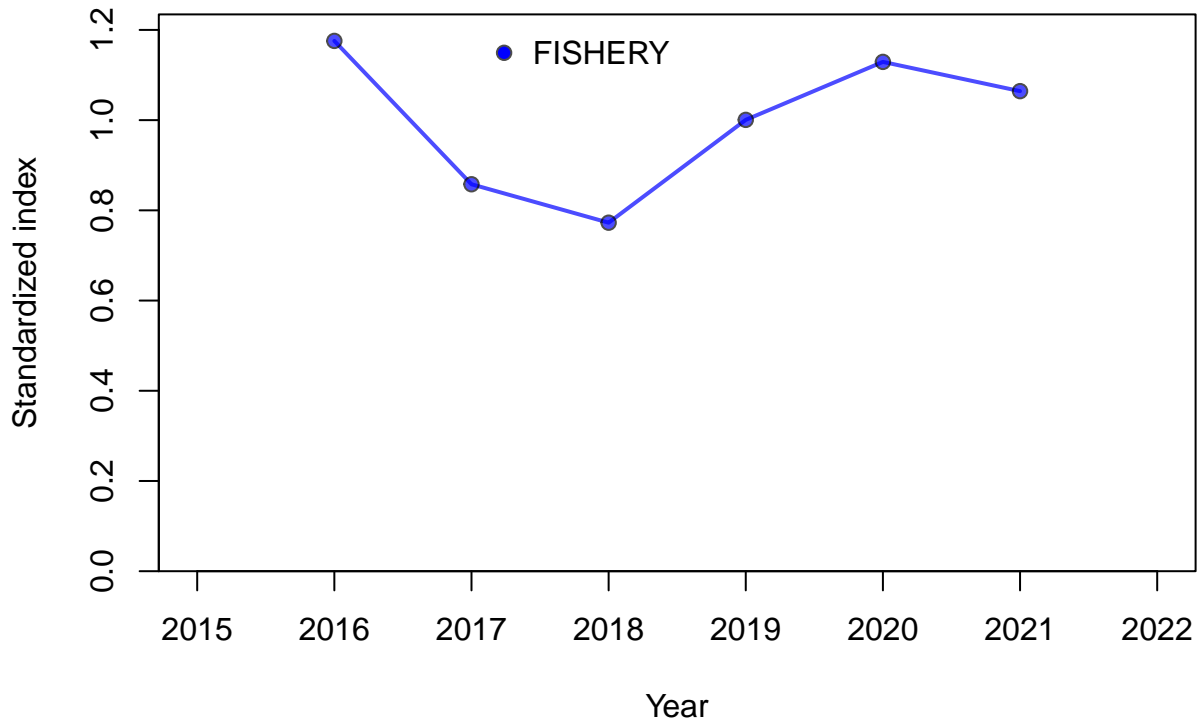
2019

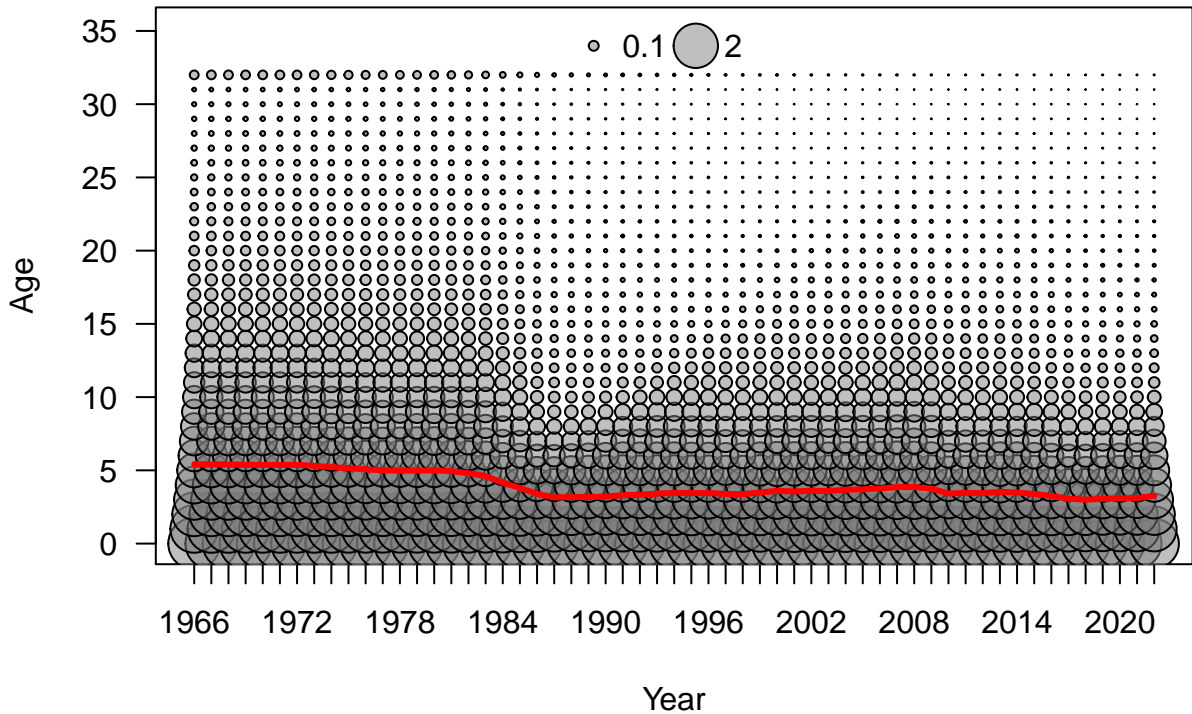
2020

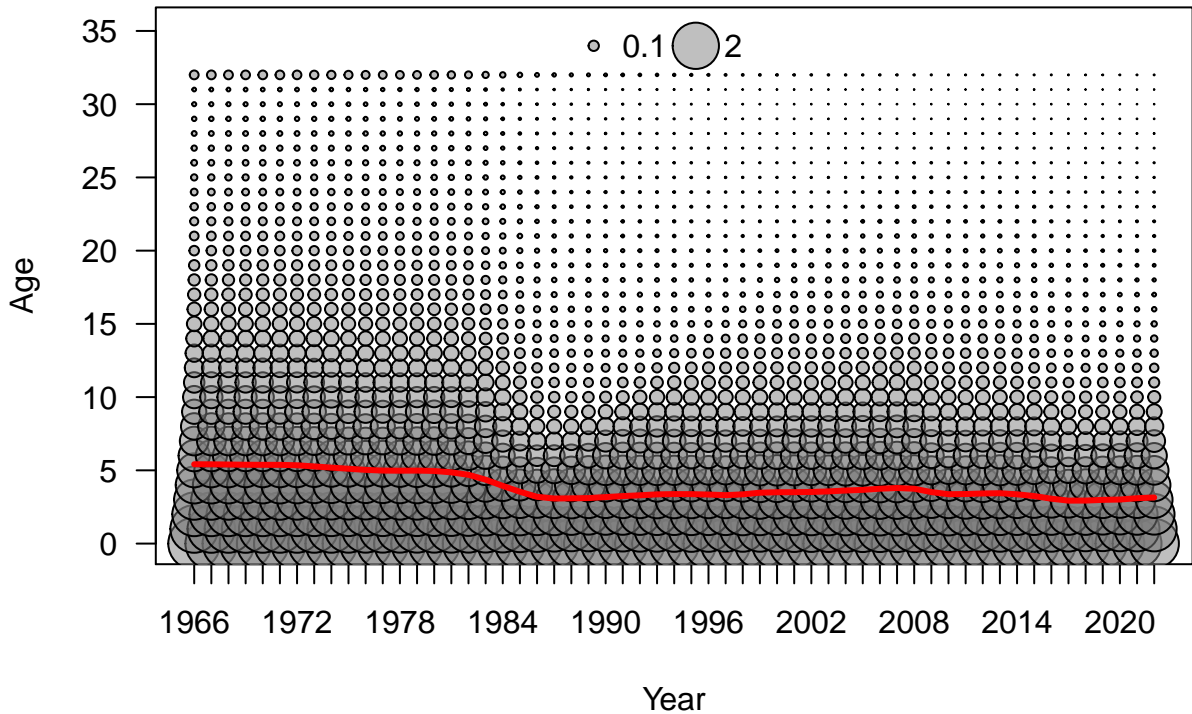
2021

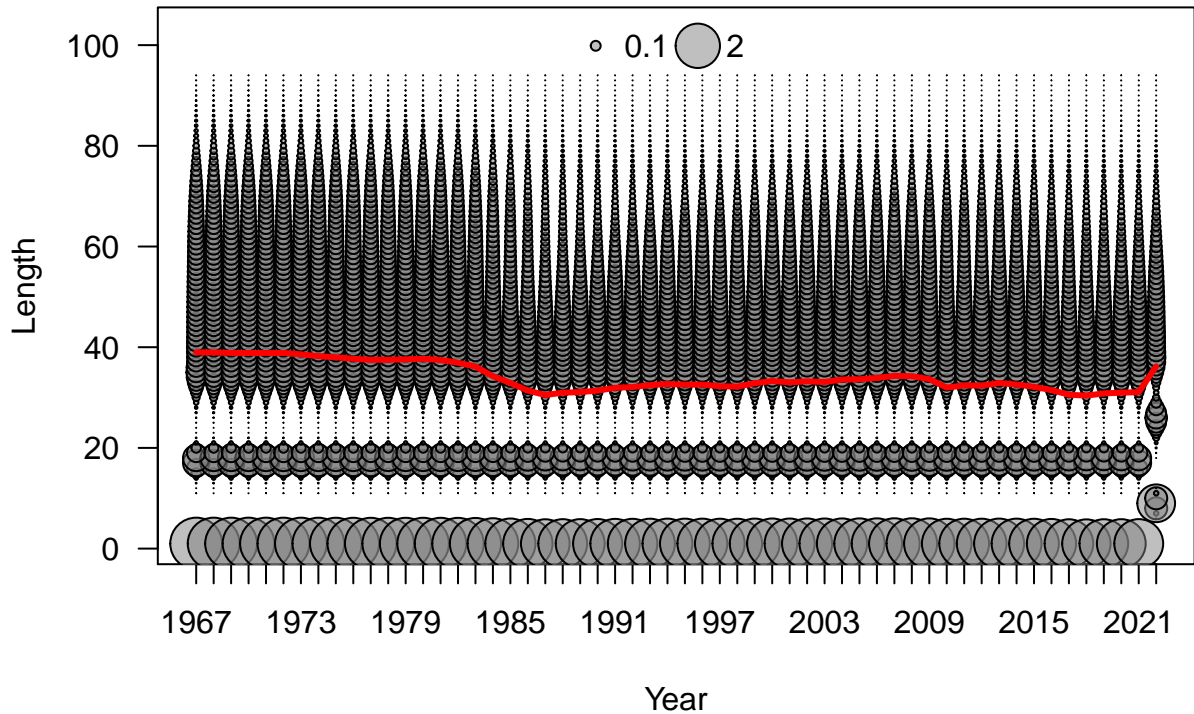
Year

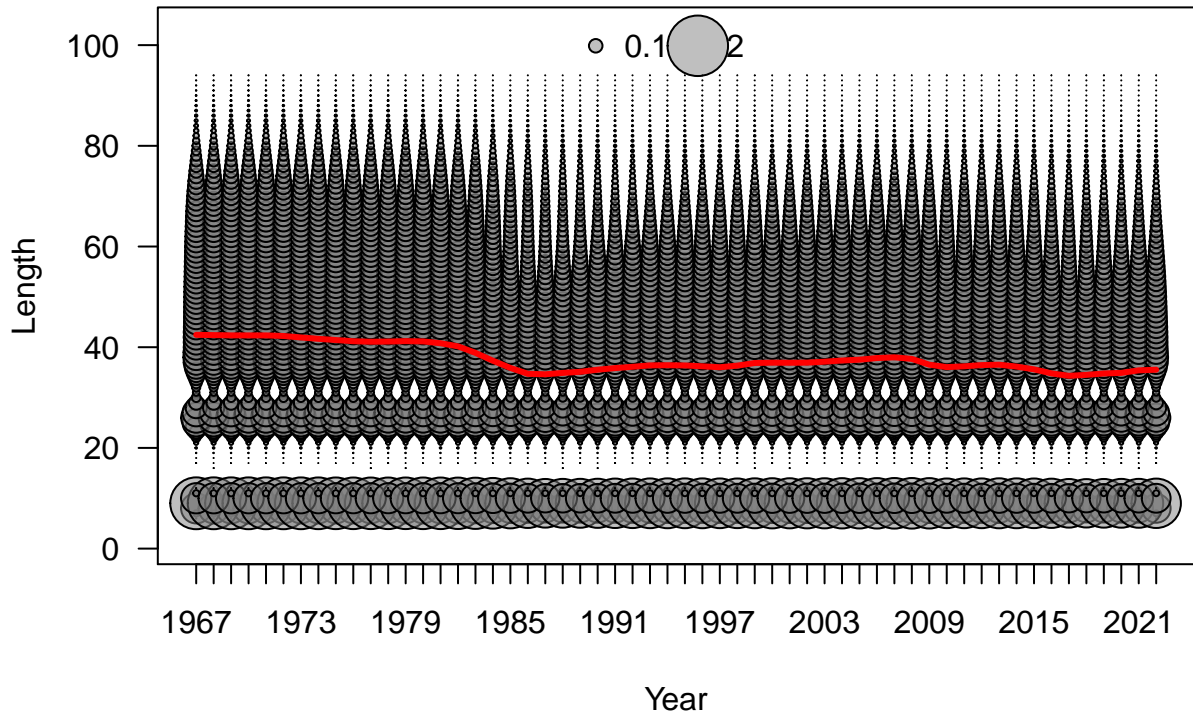




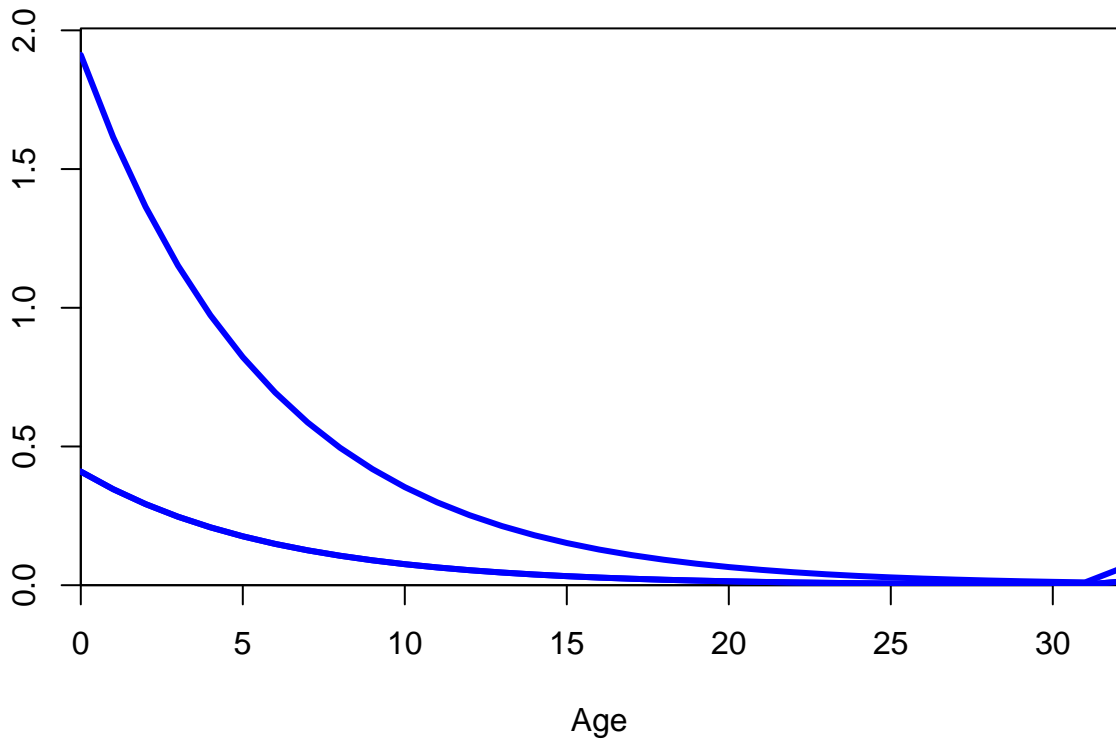


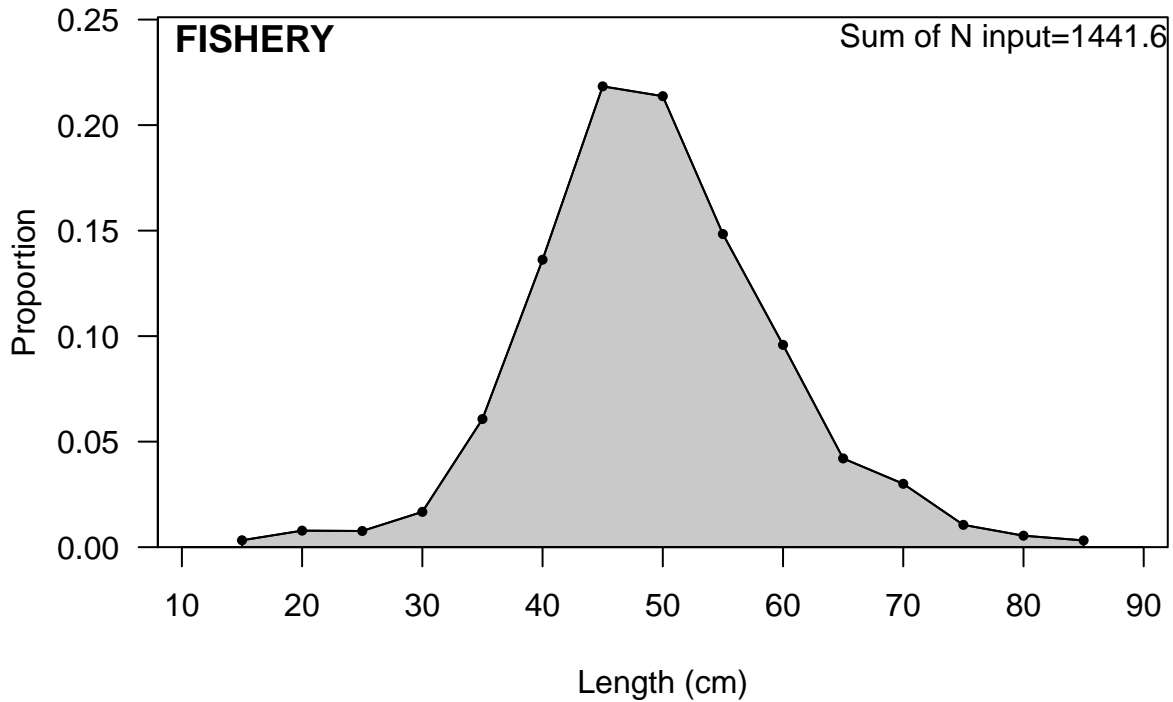






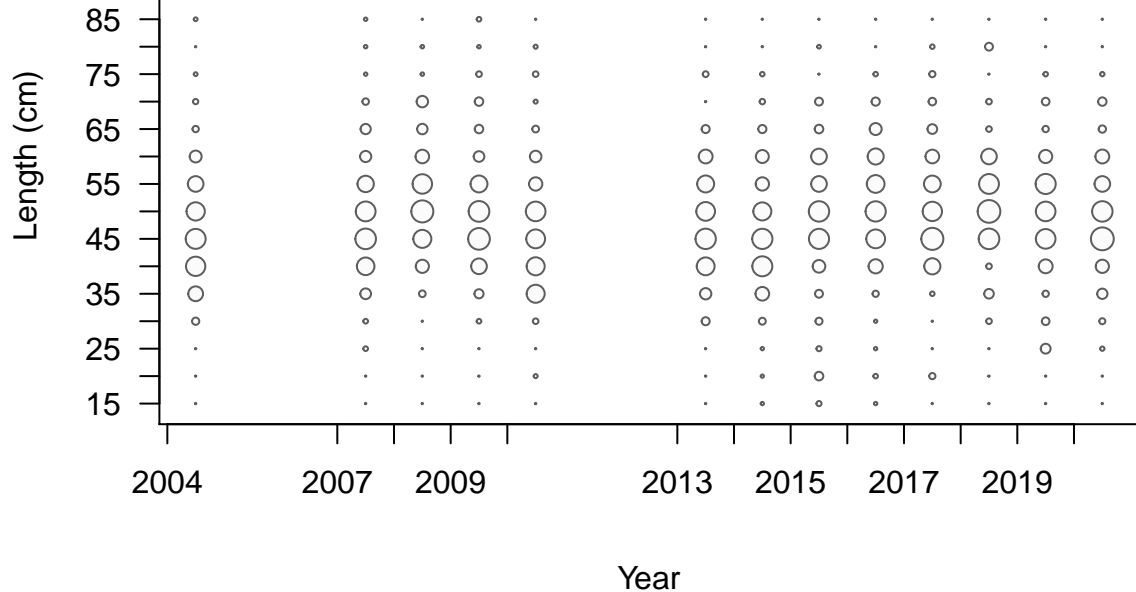
Numbers at age at equilibrium





FISHERY

◦ 0.01 ○ 0.2

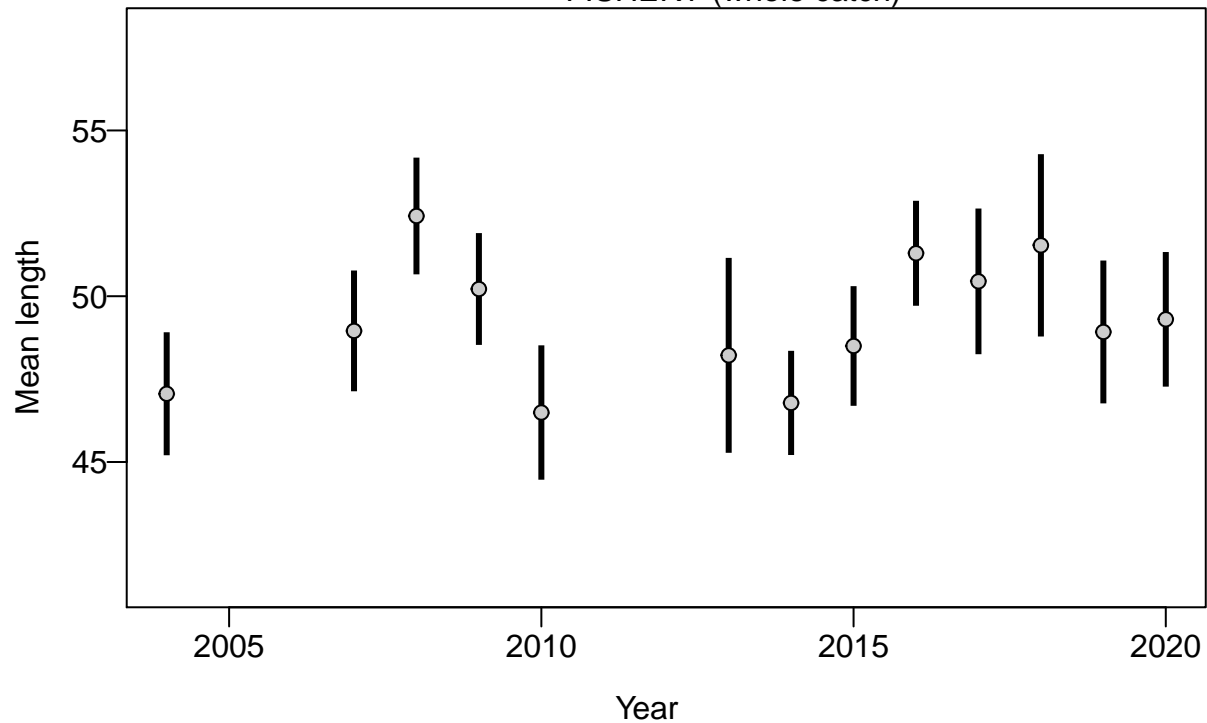


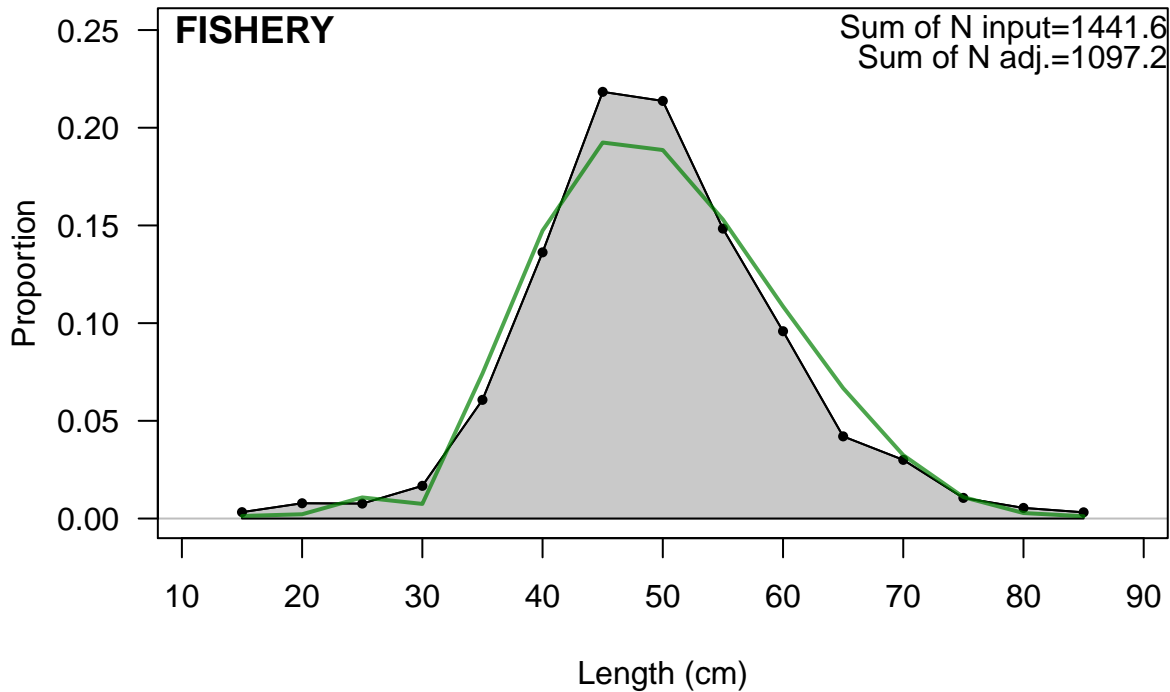
Proportion

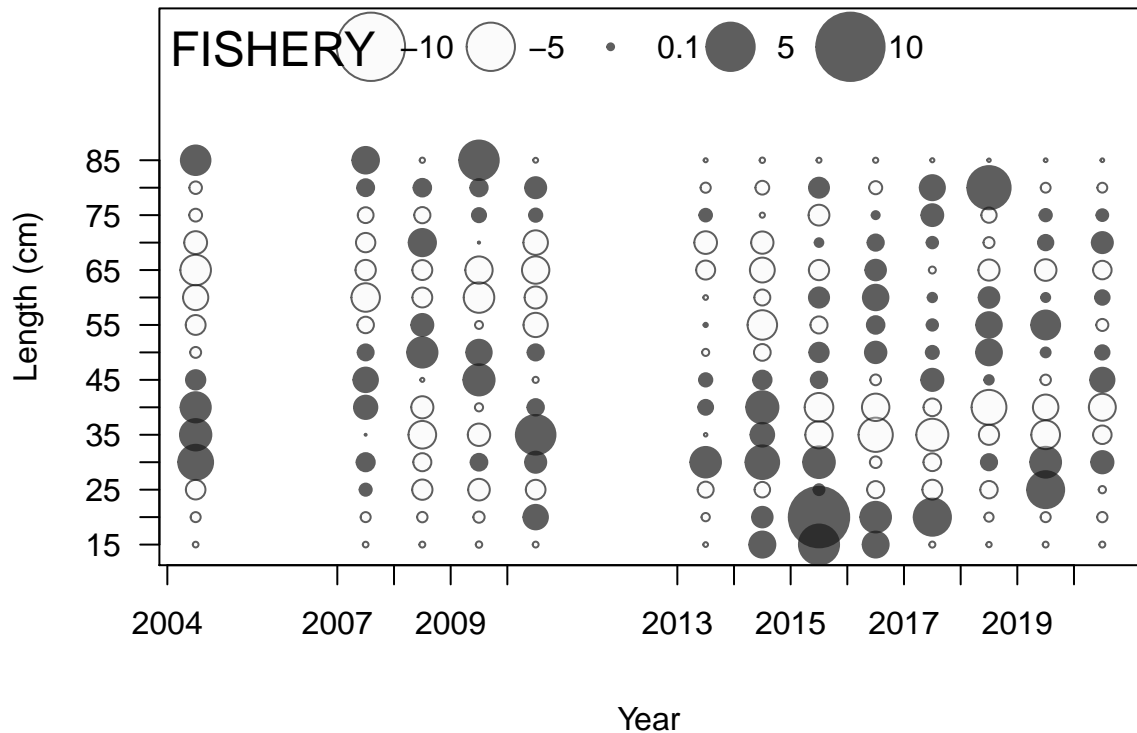


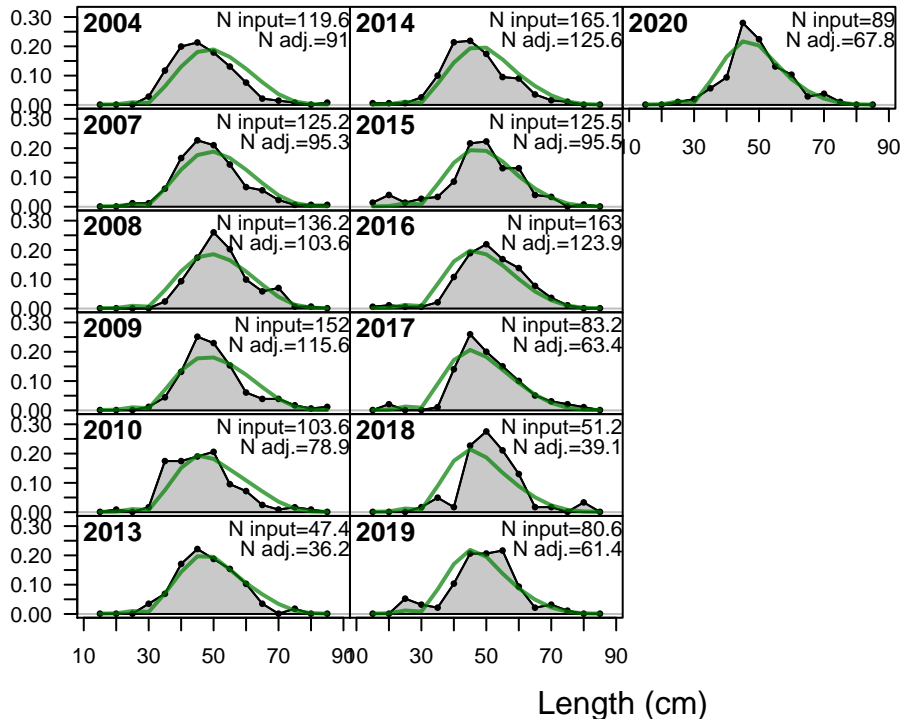


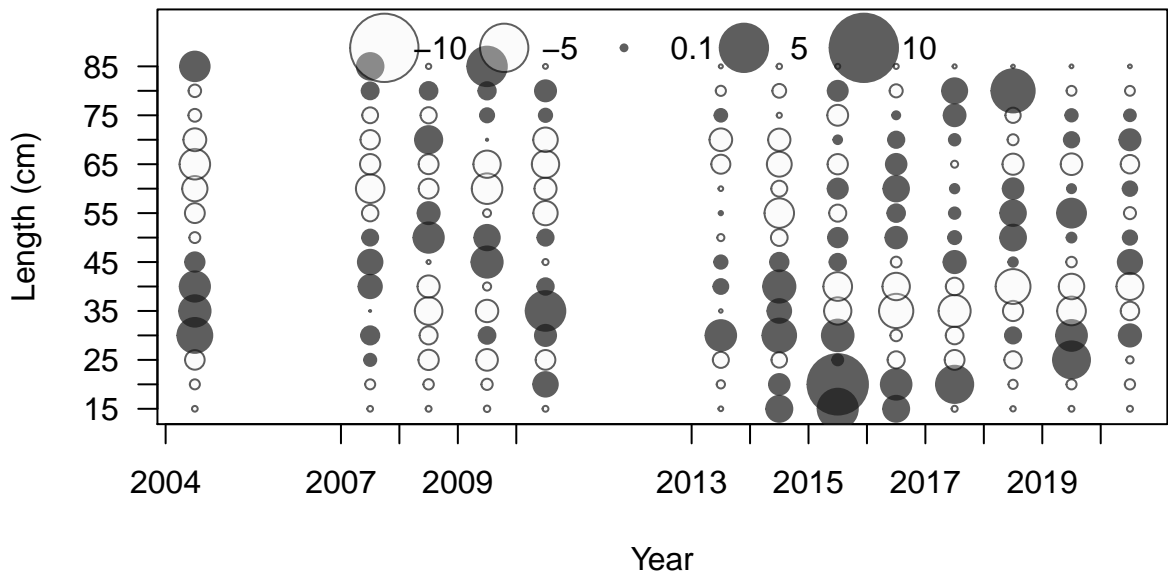
FISHERY (whole catch)



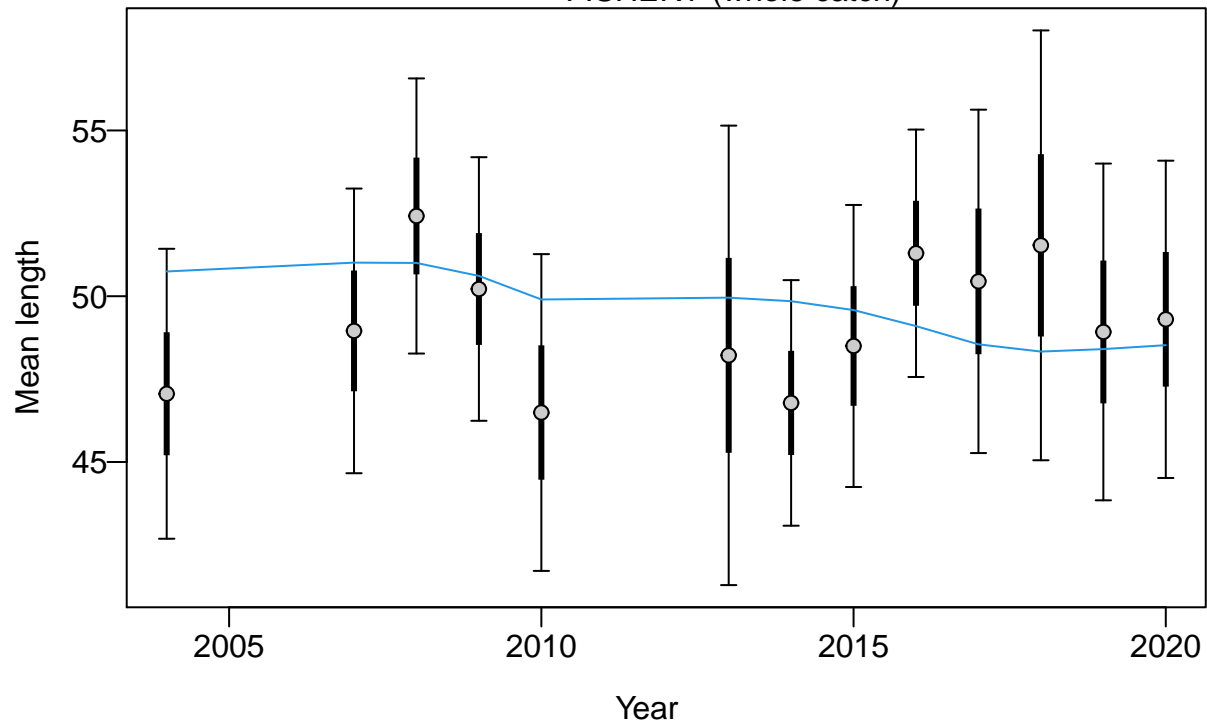


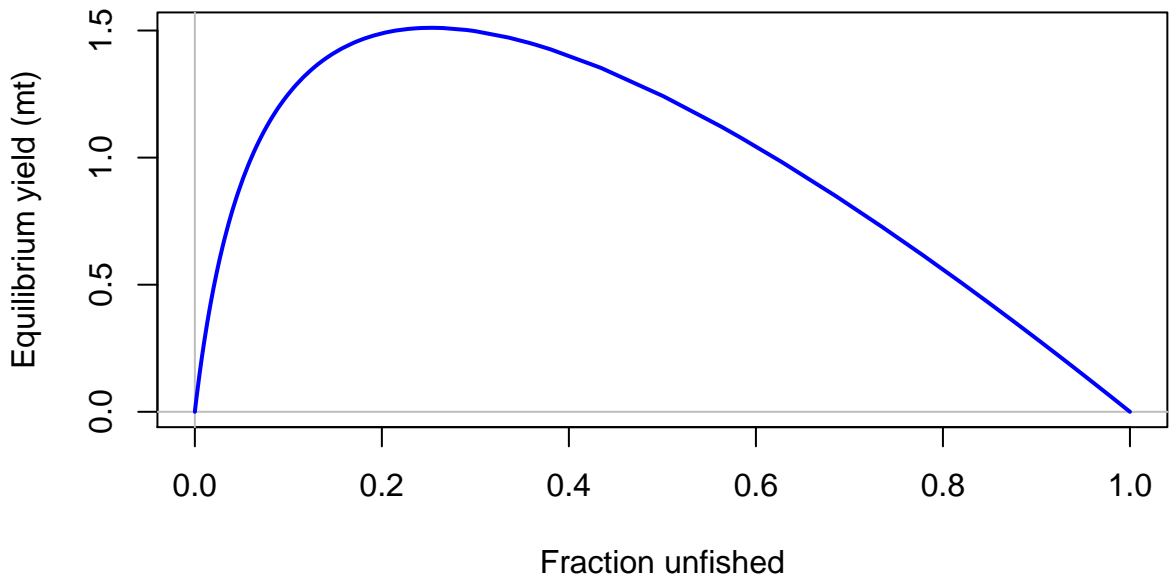


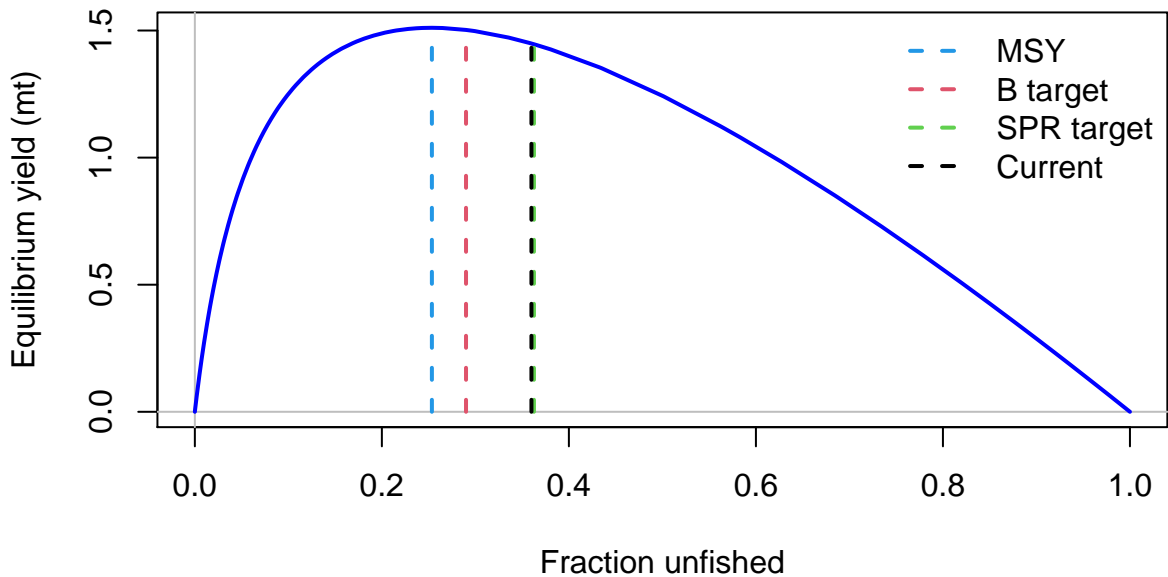


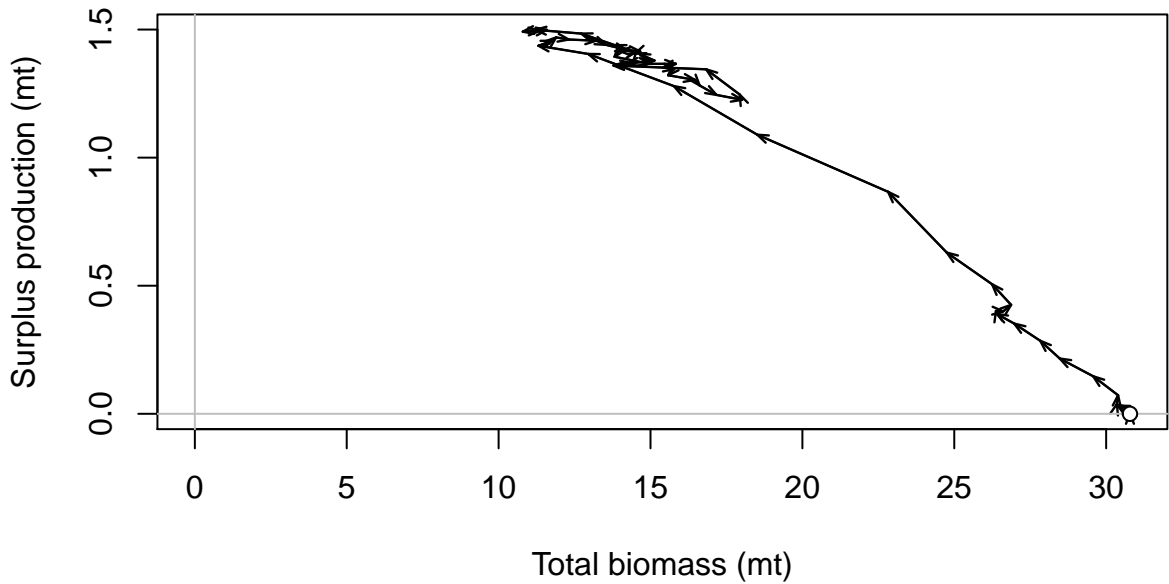


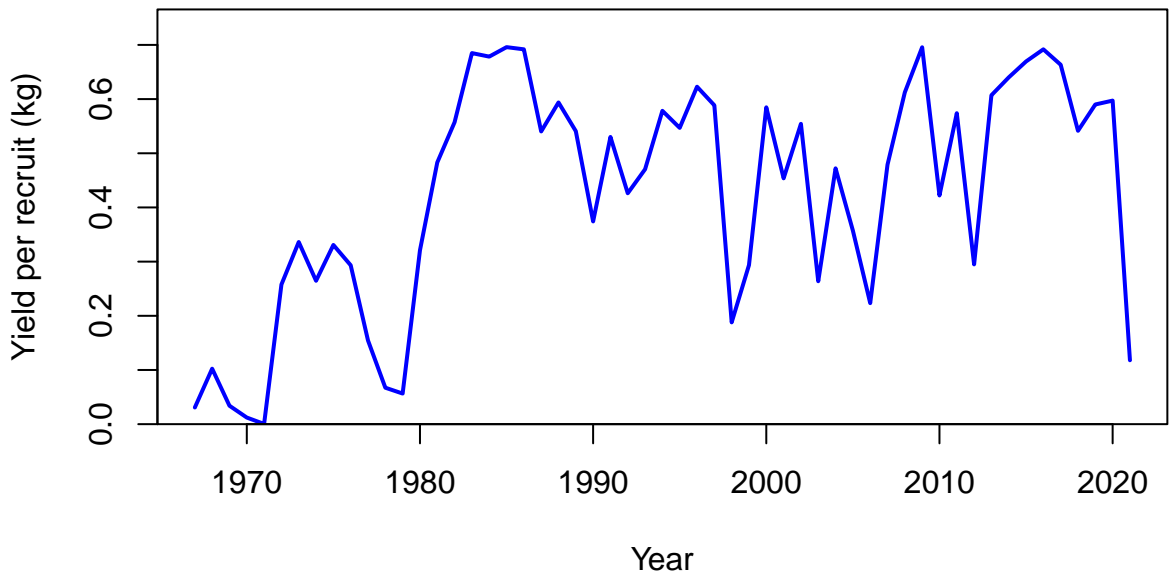
FISHERY (whole catch)

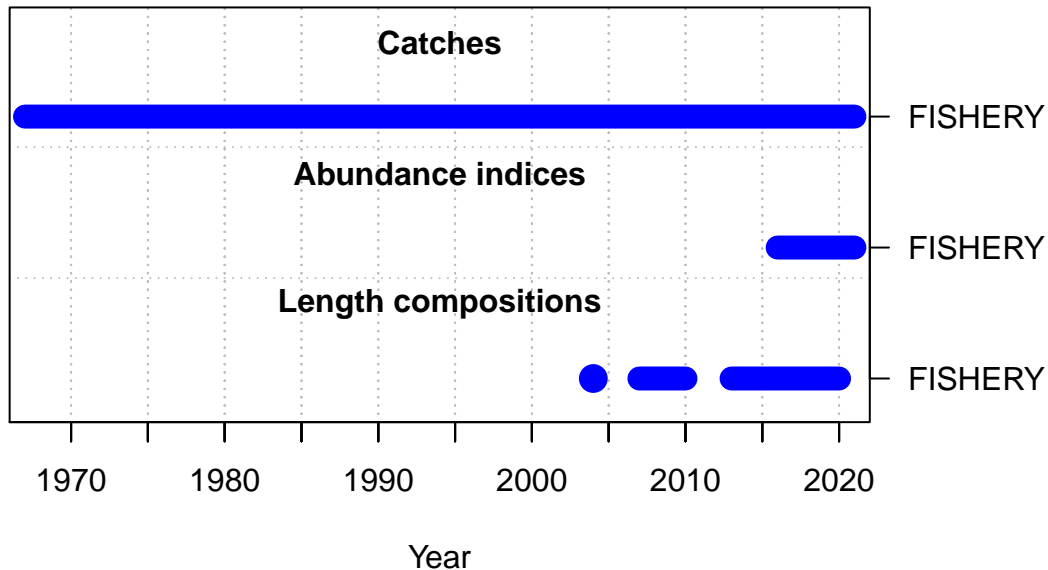


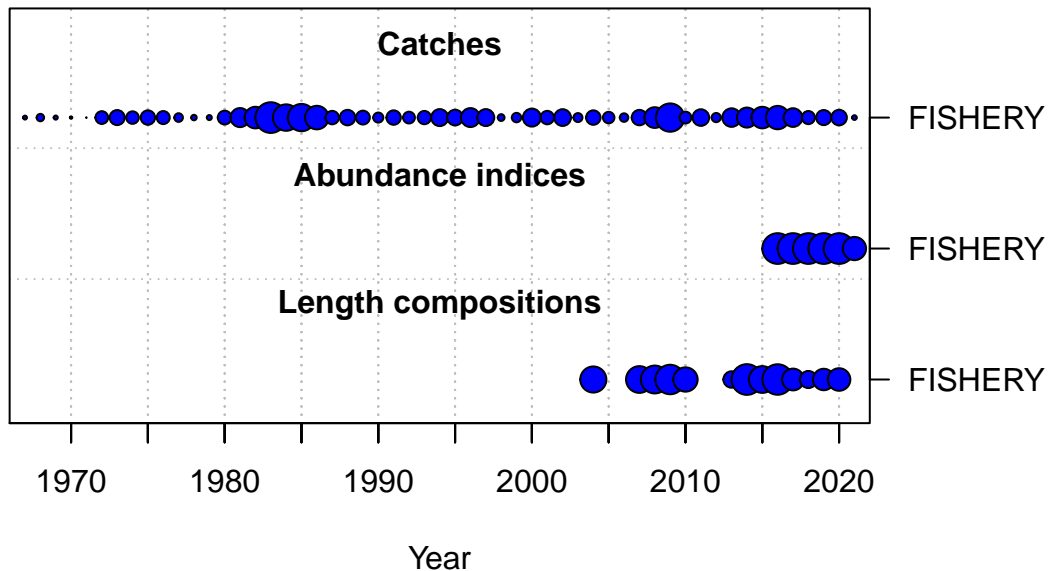




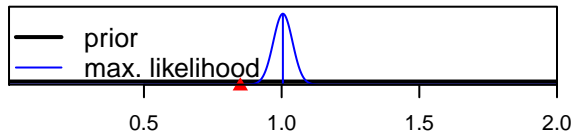




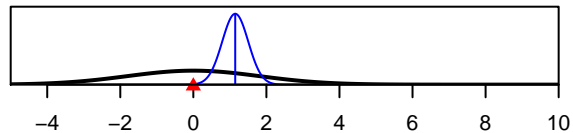




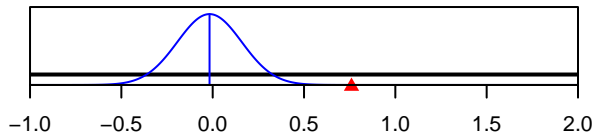
SR_LN(R0)



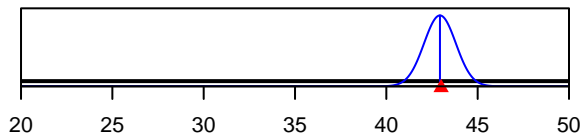
ln(DM_theta)_1



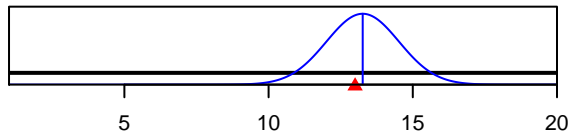
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value