

Plots created using the 'r4ss' package in R

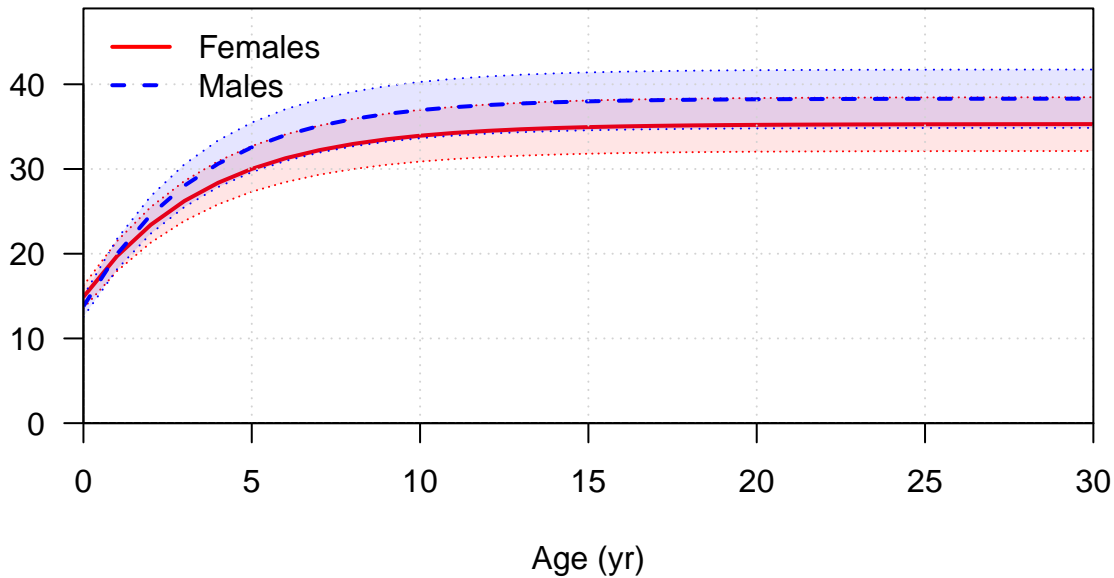
Stock Synthesis version: 3.30.19.0

StartTime: Sun Aug 28 09:07:05 2022

Data_File: data.ss

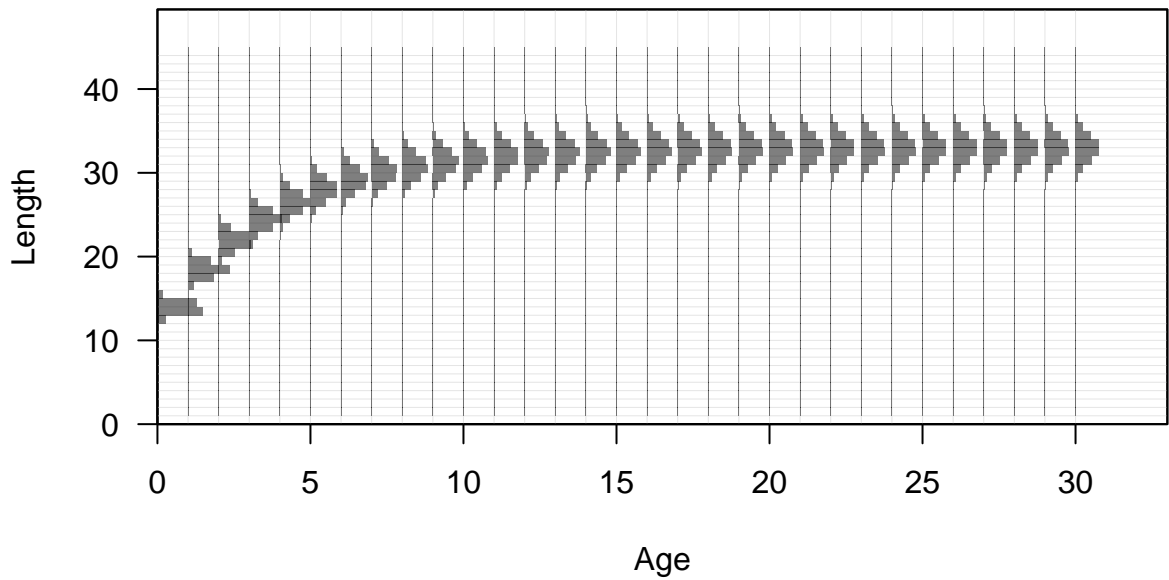
Control_File: control.ss

Length (cm, beginning of the year)





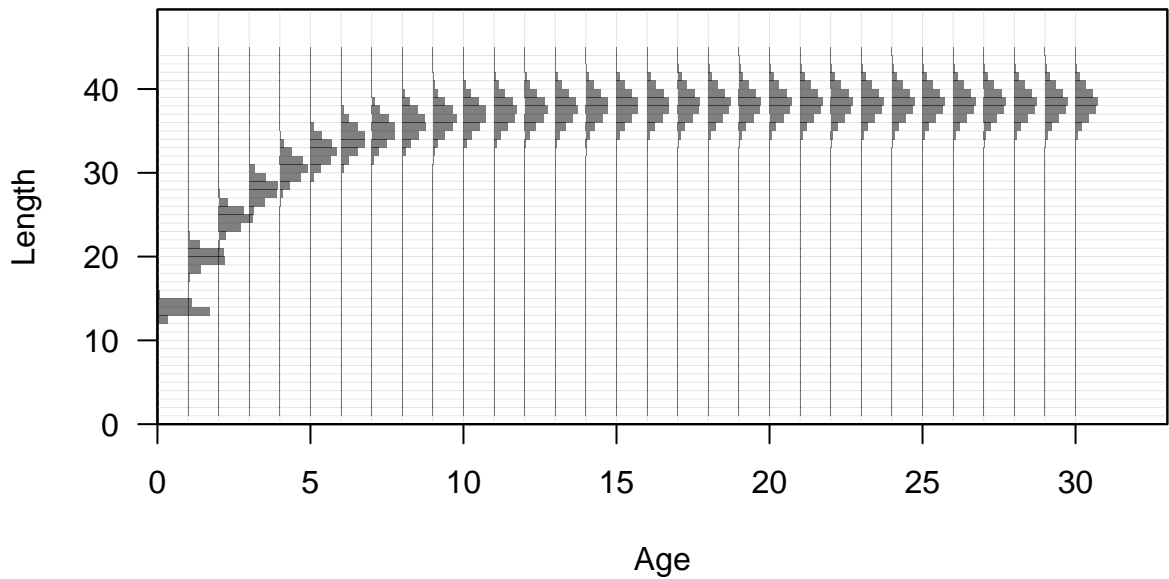














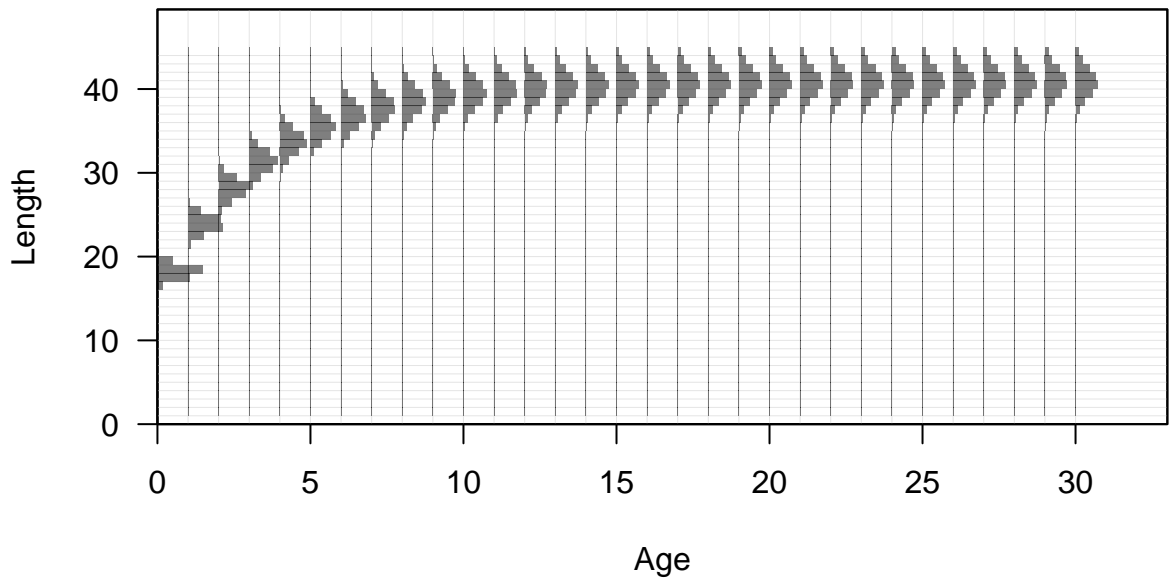




















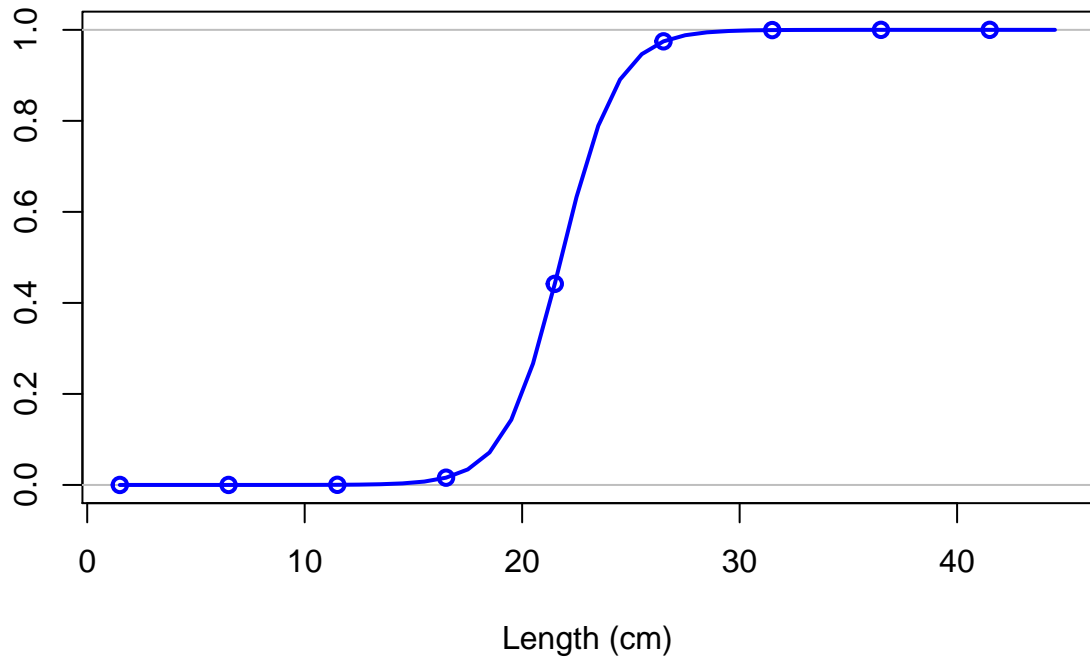




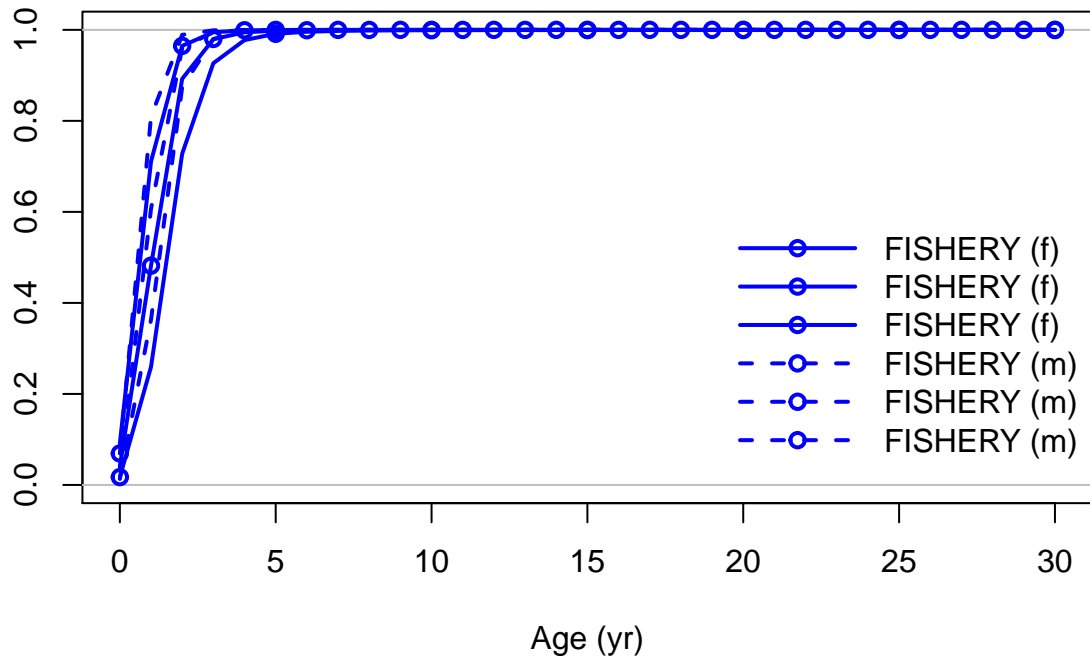




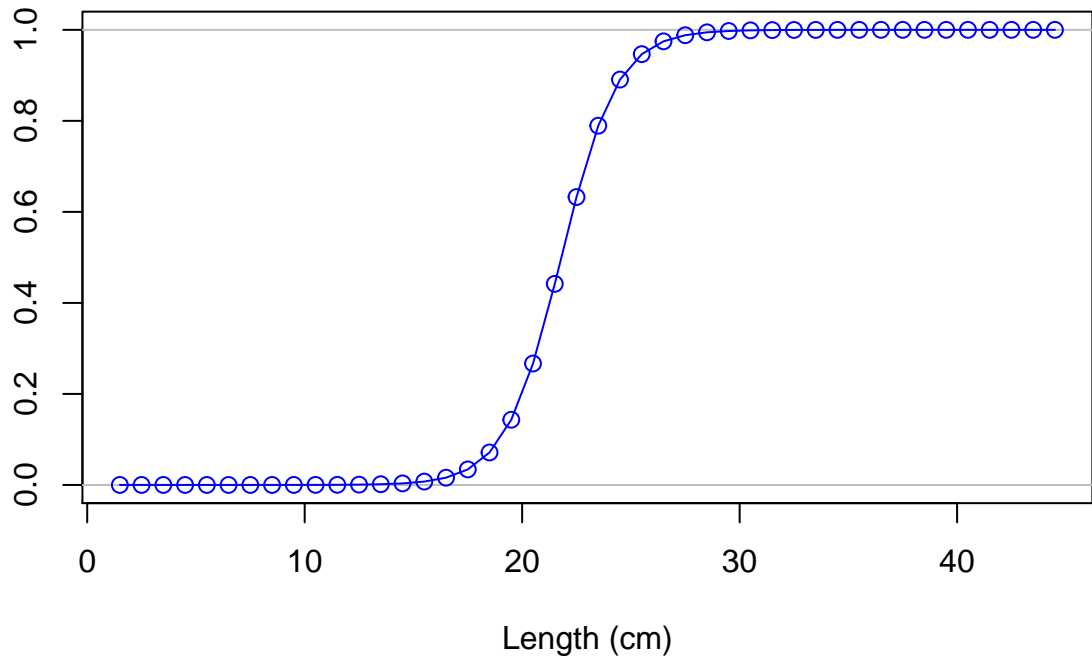
Selectivity



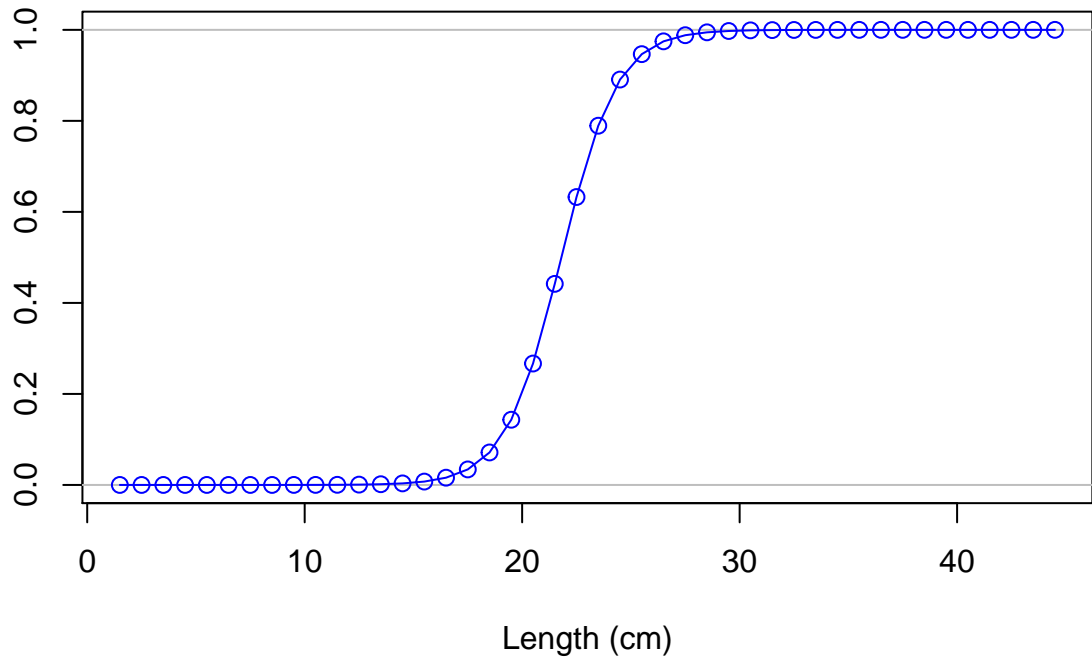
Selectivity

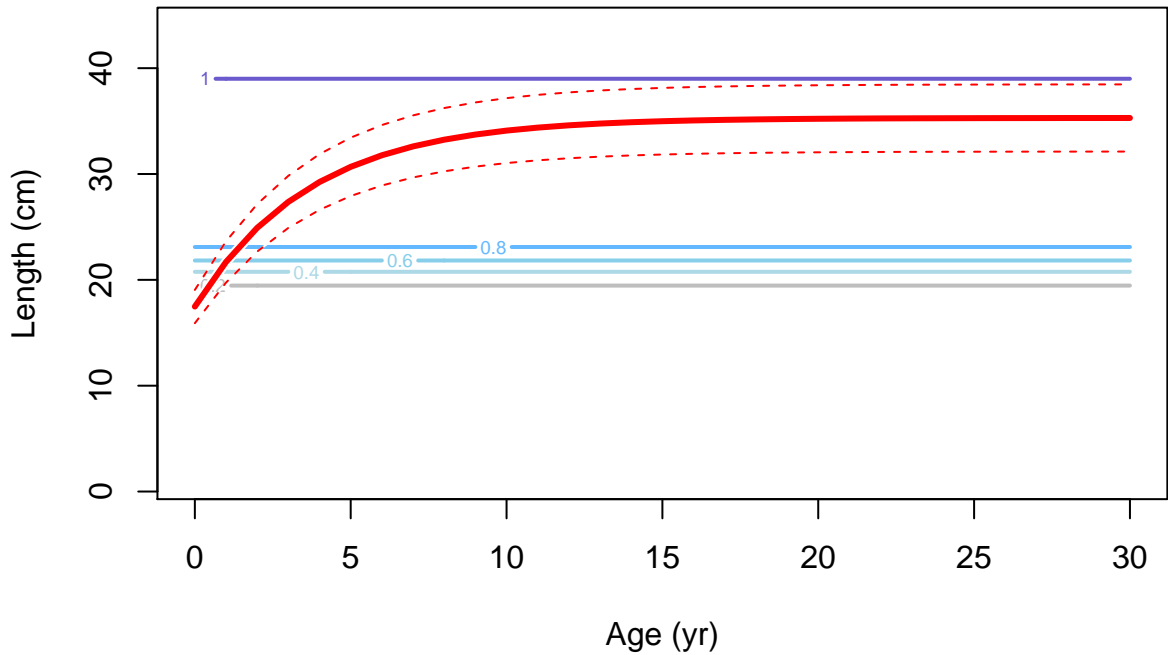


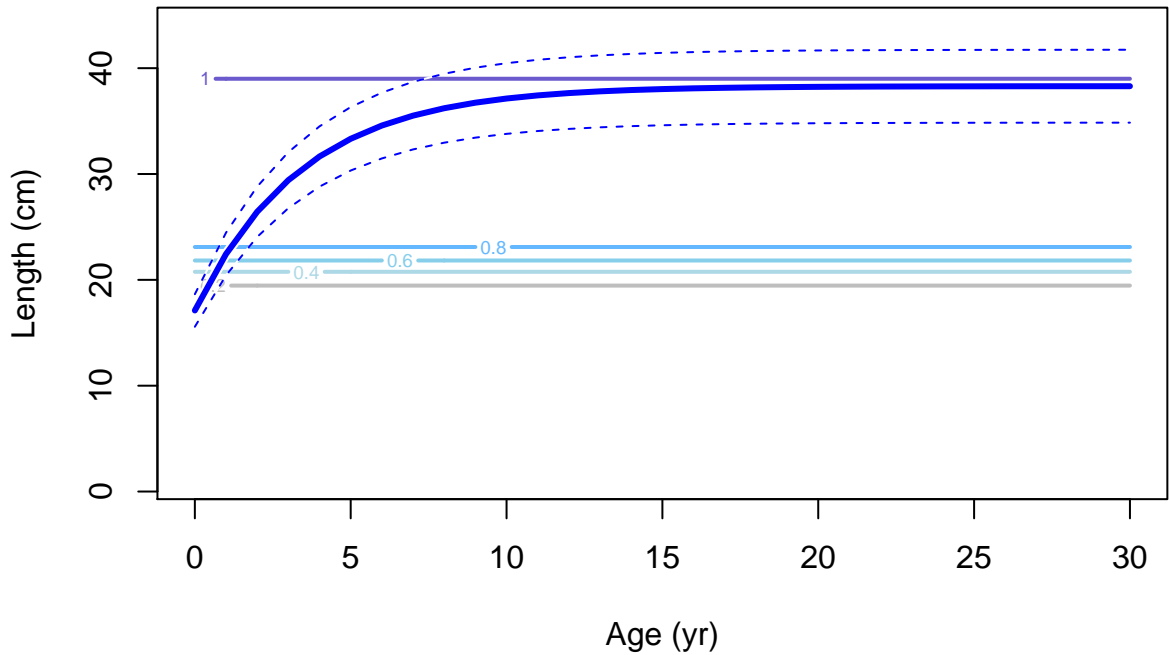
Selectivity

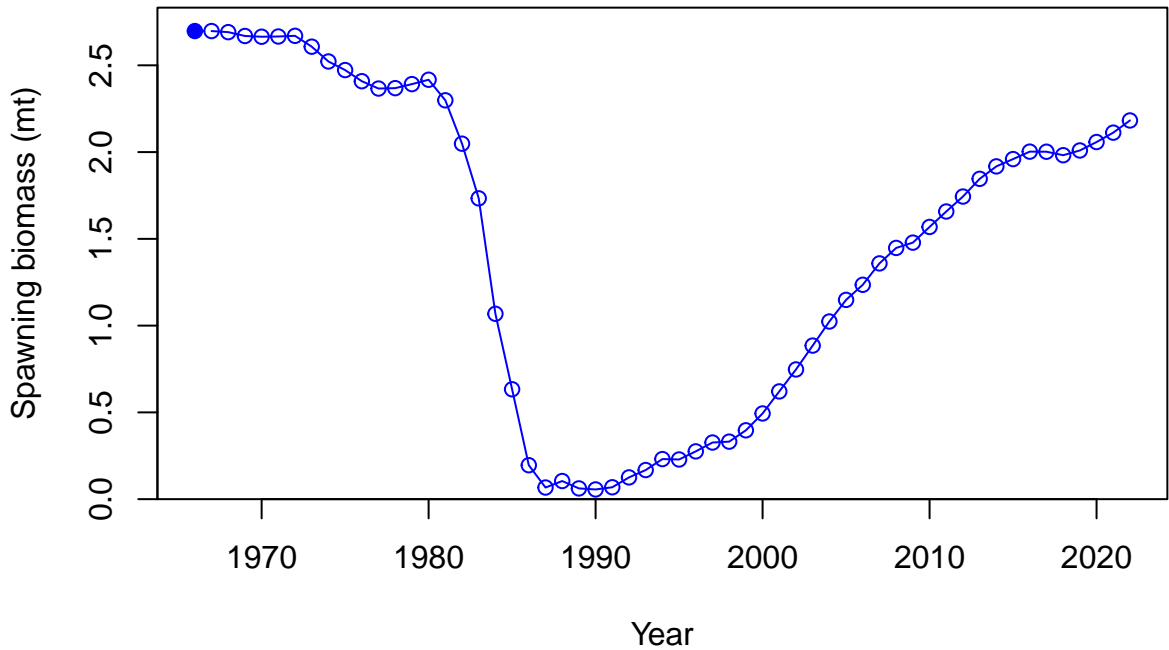


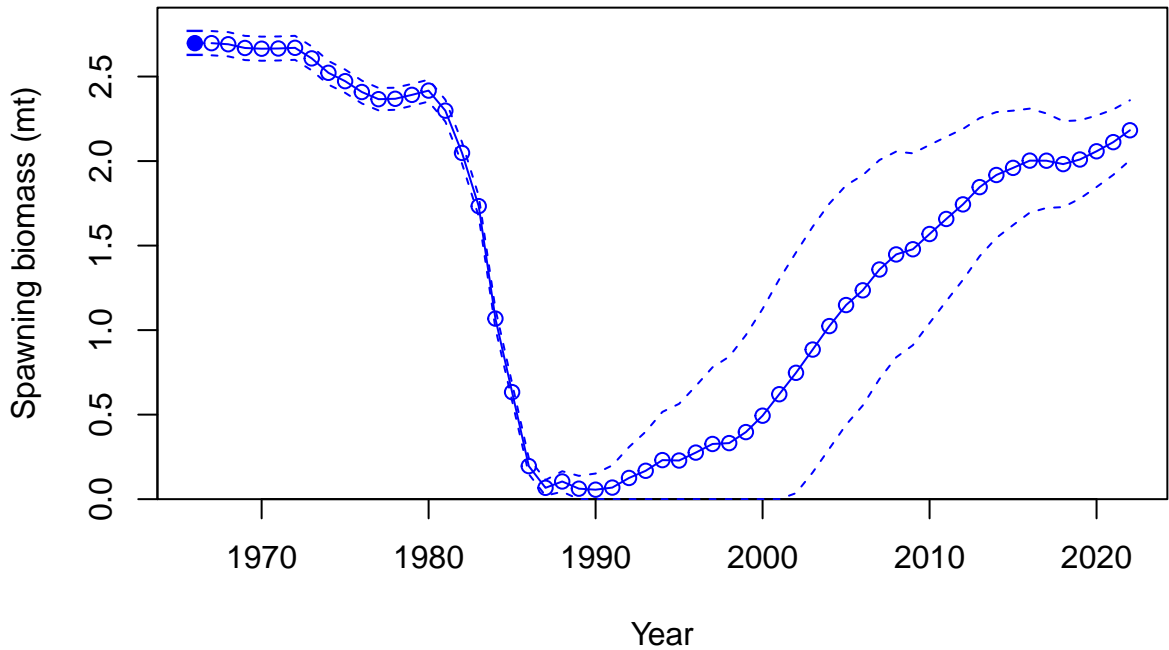
Selectivity



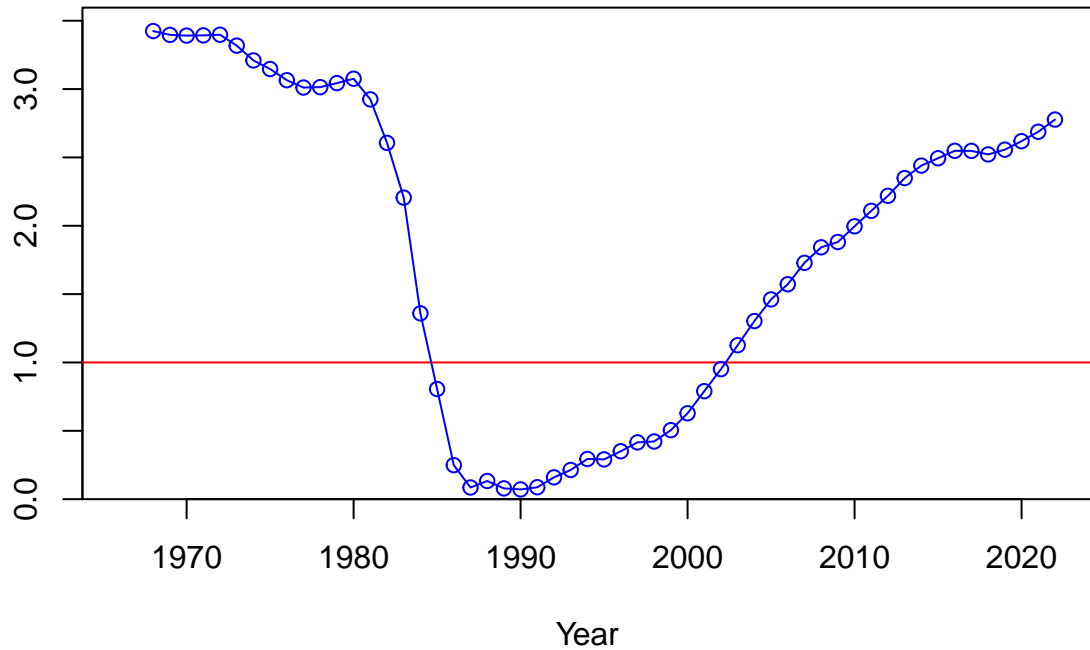




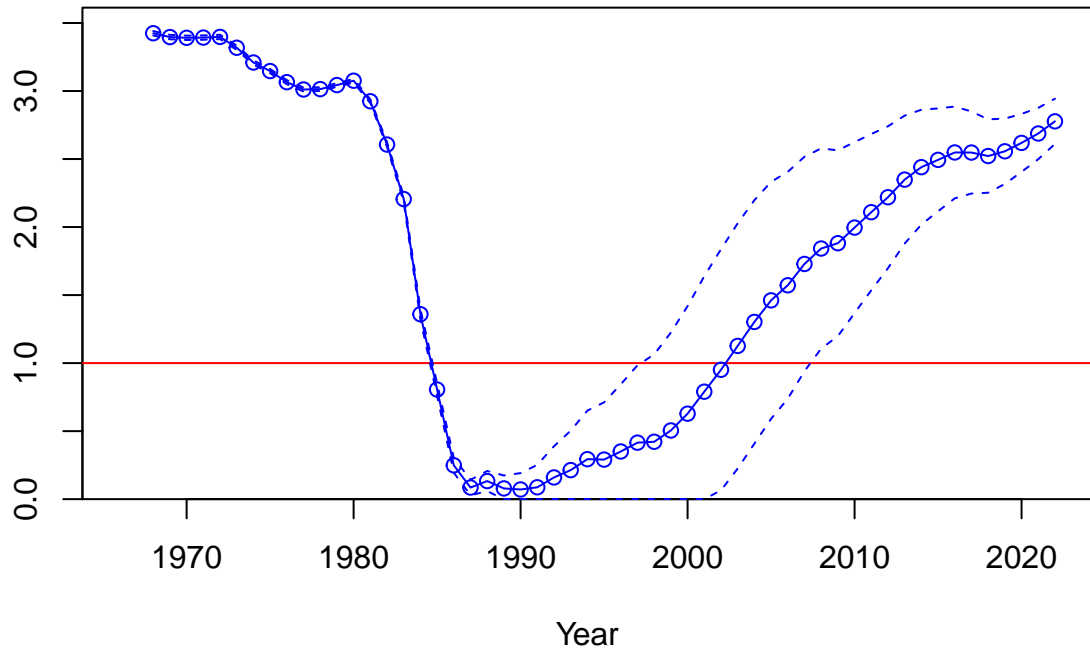


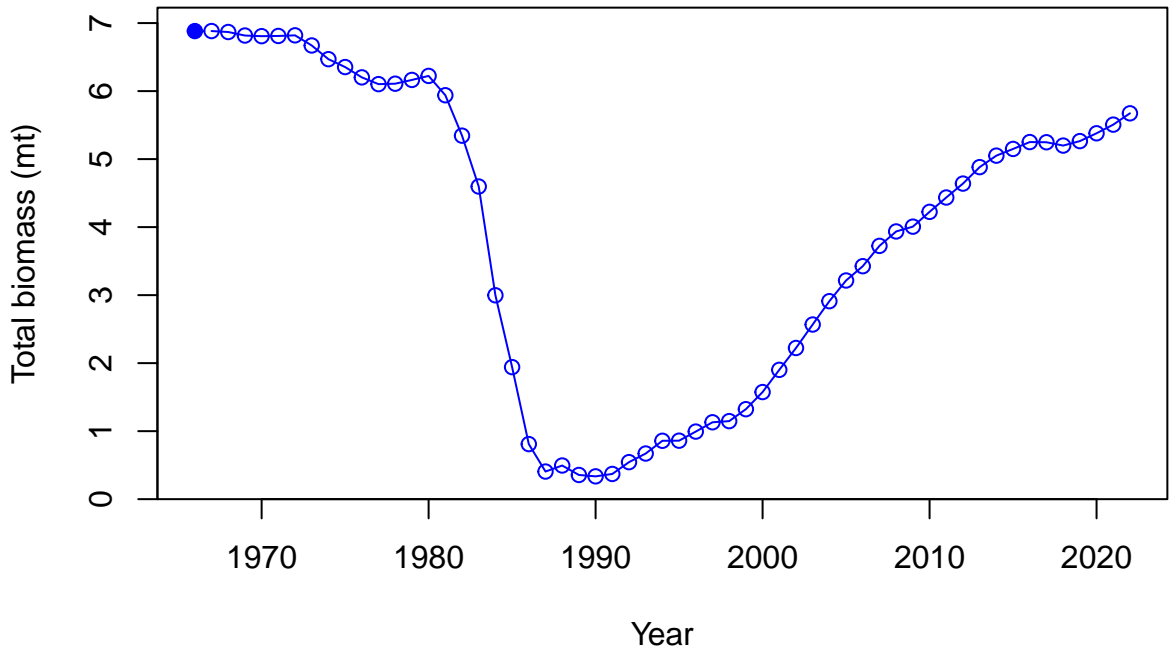


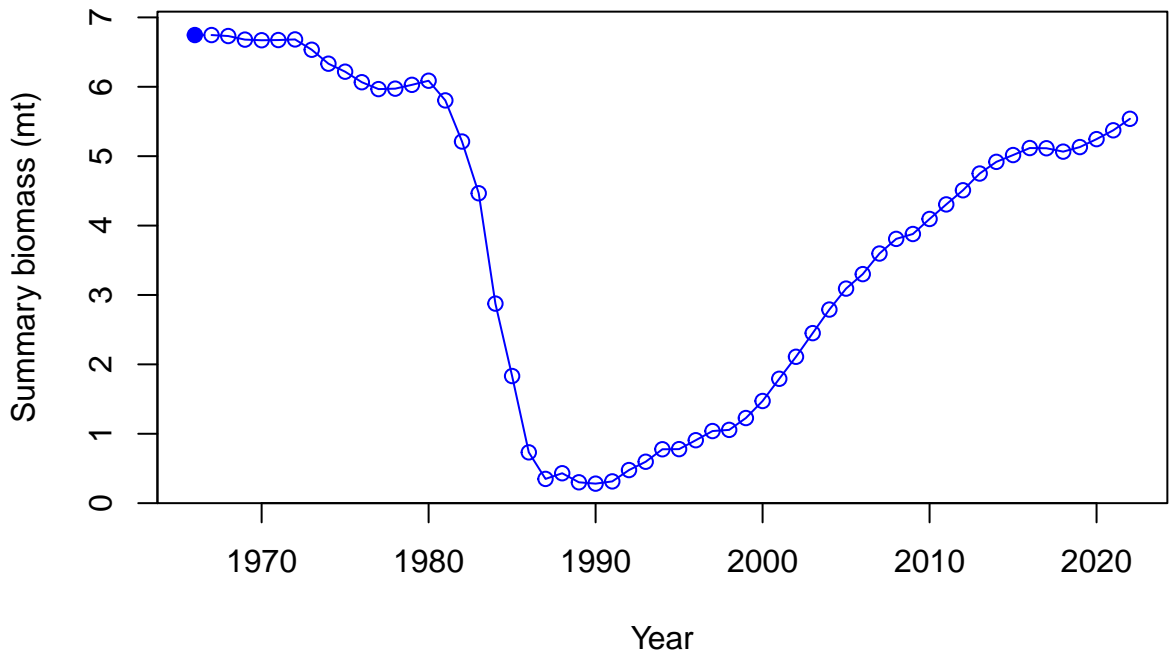
Relative spawning biomass: B/B_{MSY}



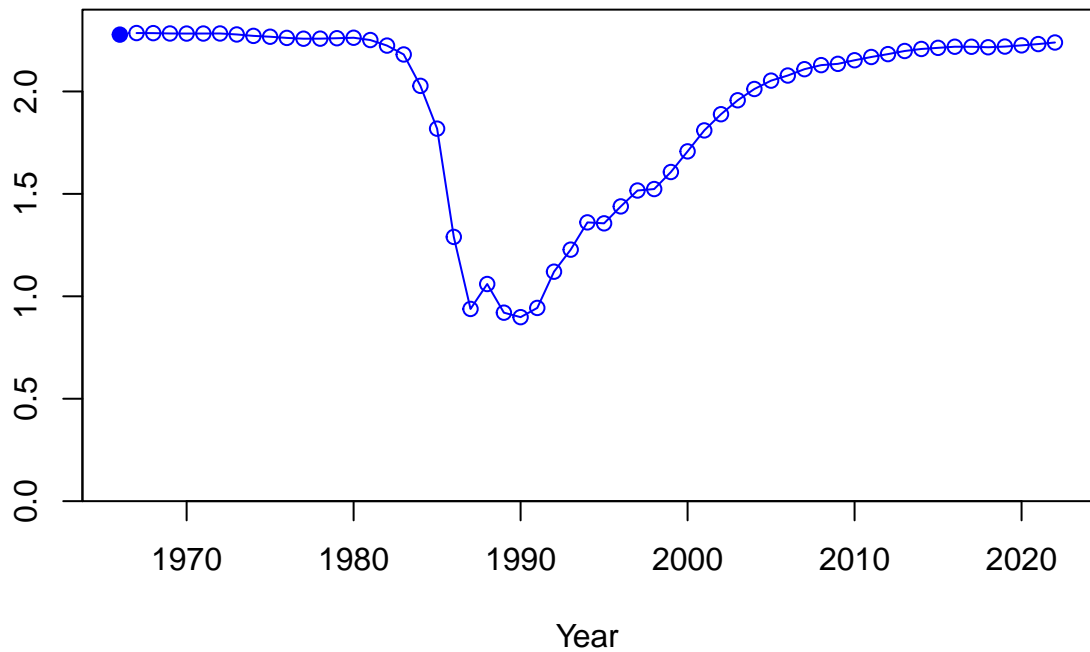
Relative spawning biomass: B/B_{MSY}



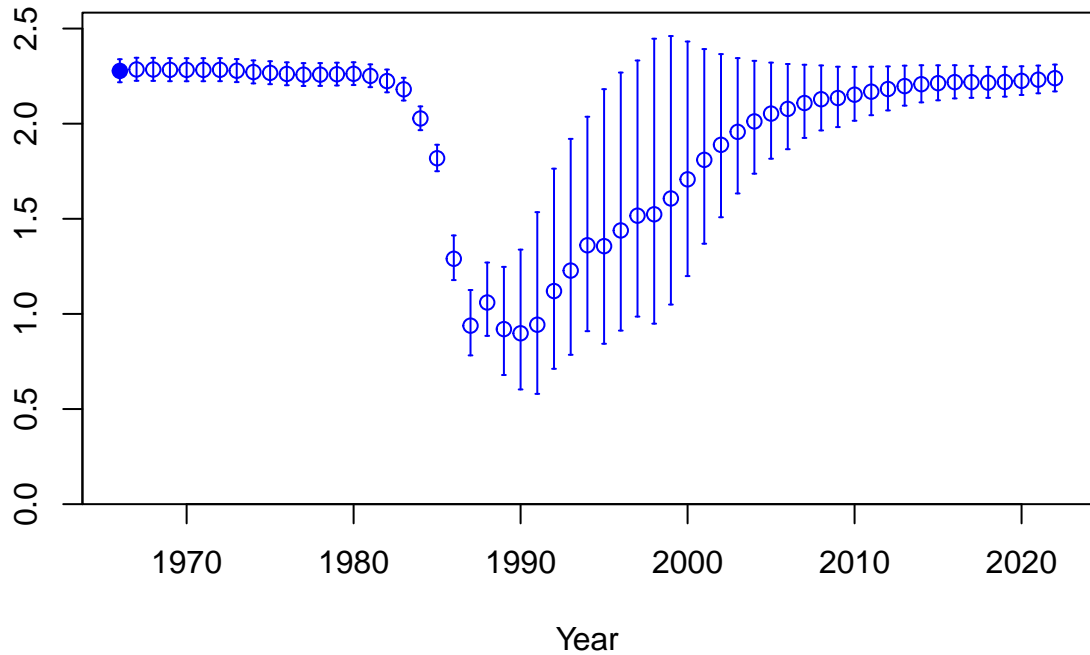




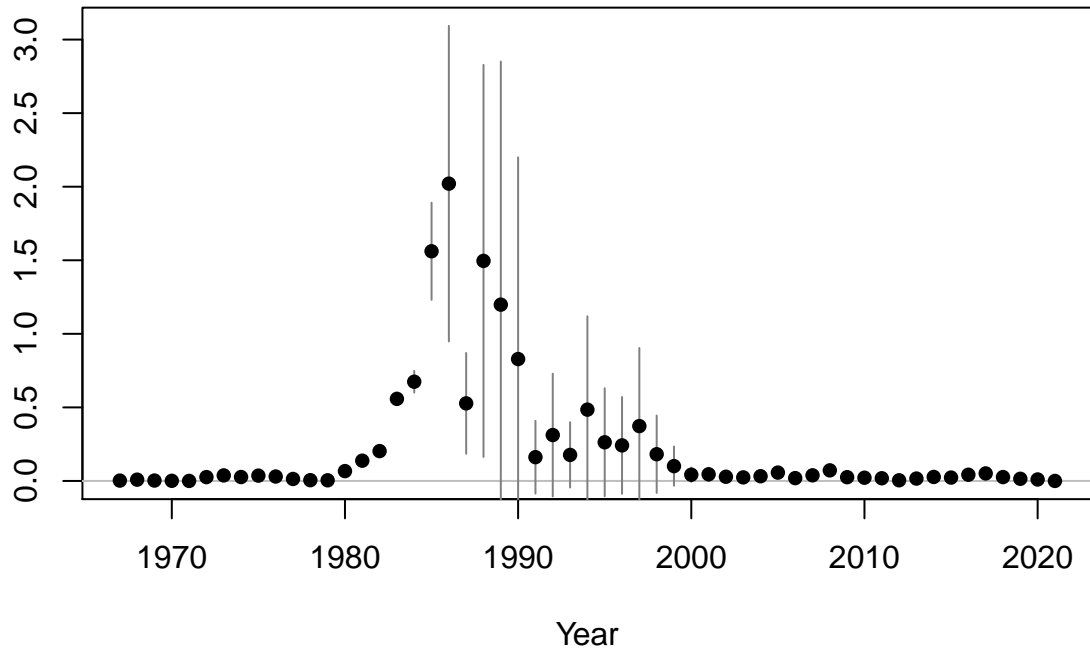
Age-0 recruits (1,000s)

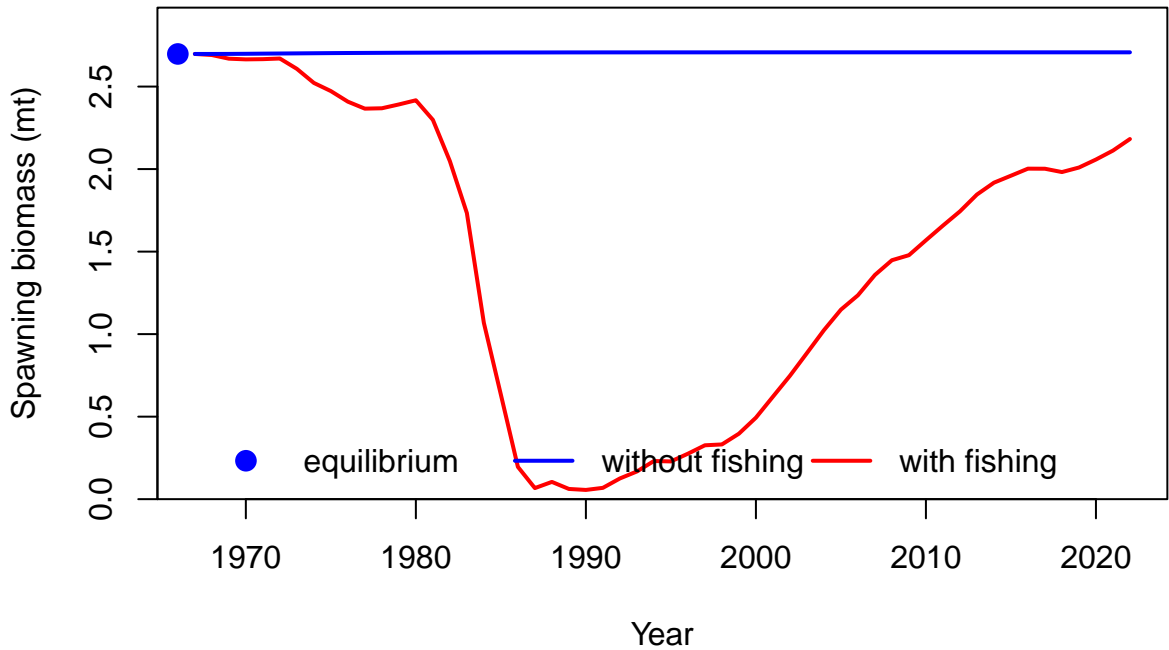


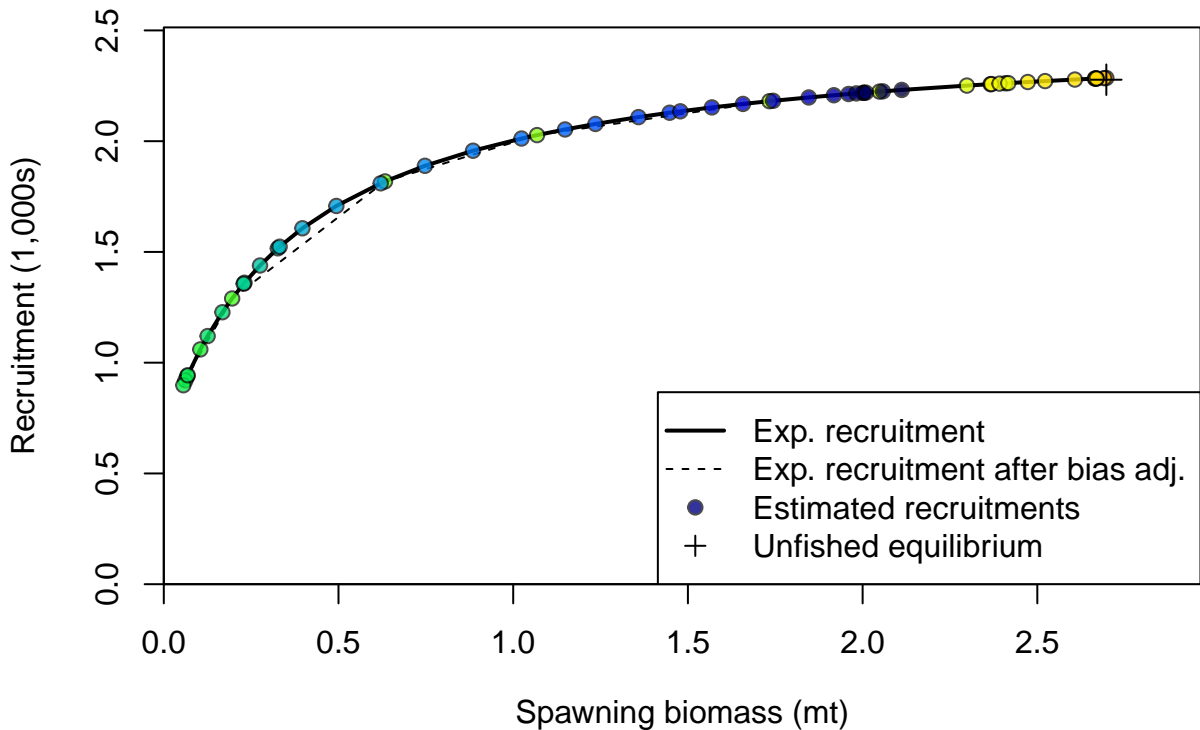
Age-0 recruits (1,000s)

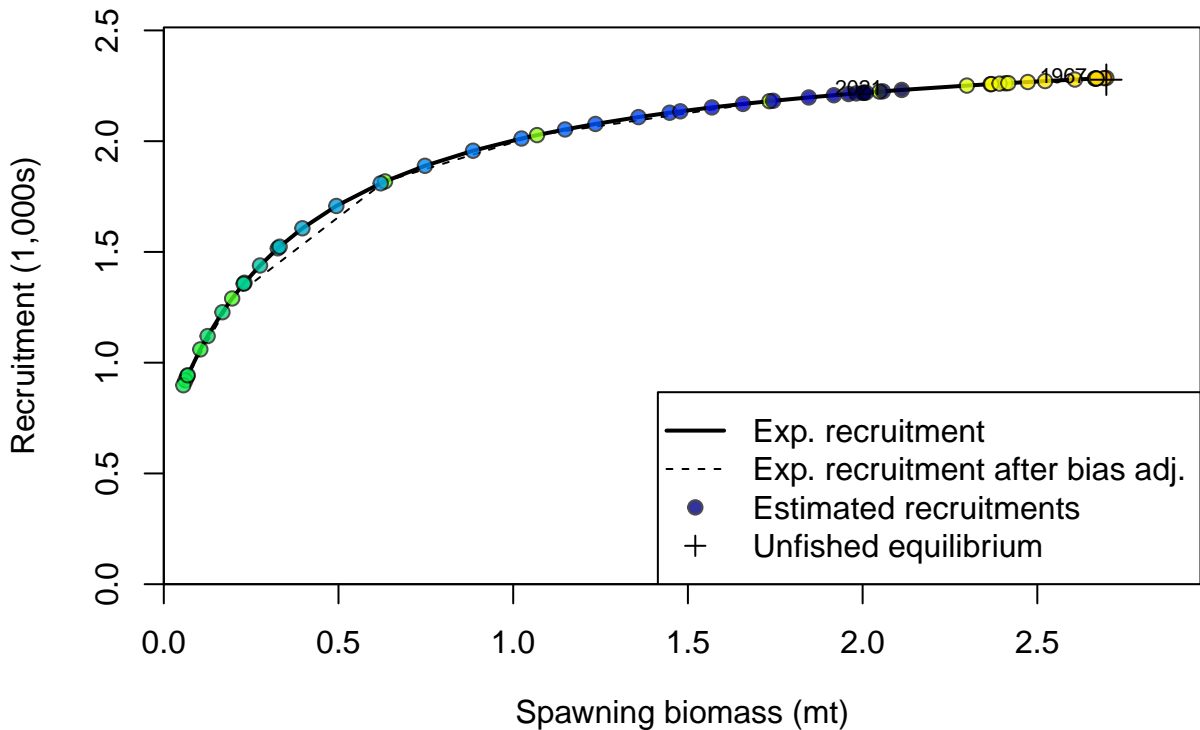


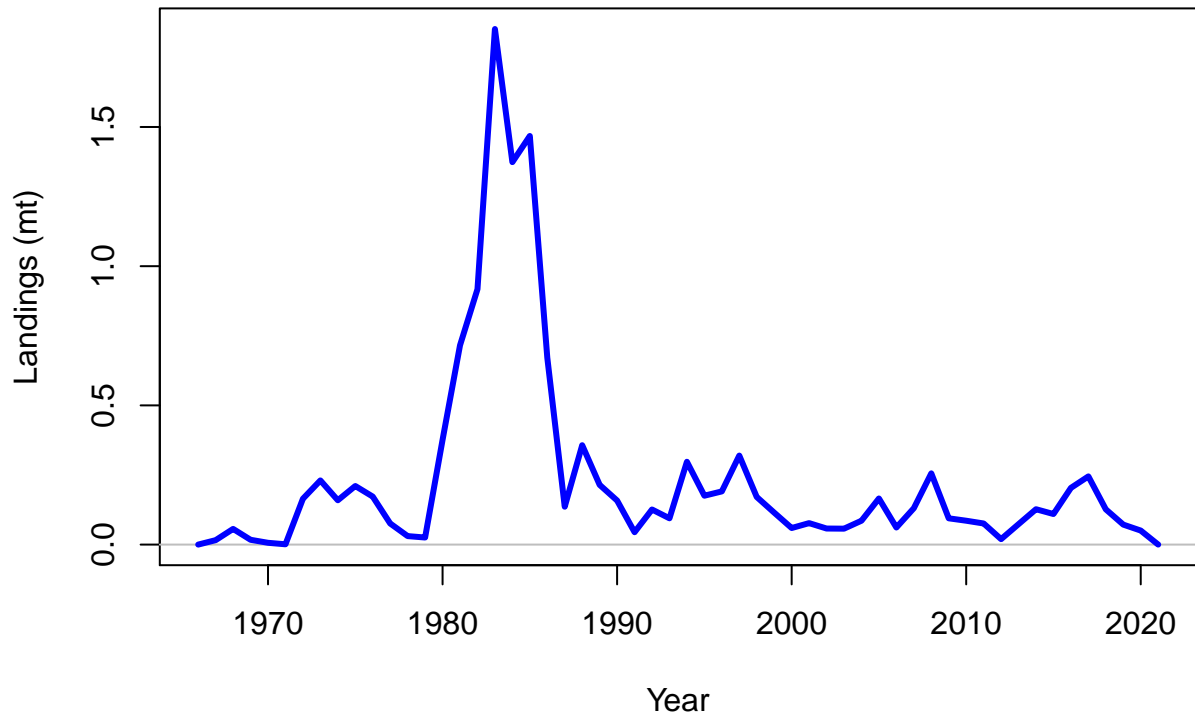
Summary Fishing Mortality

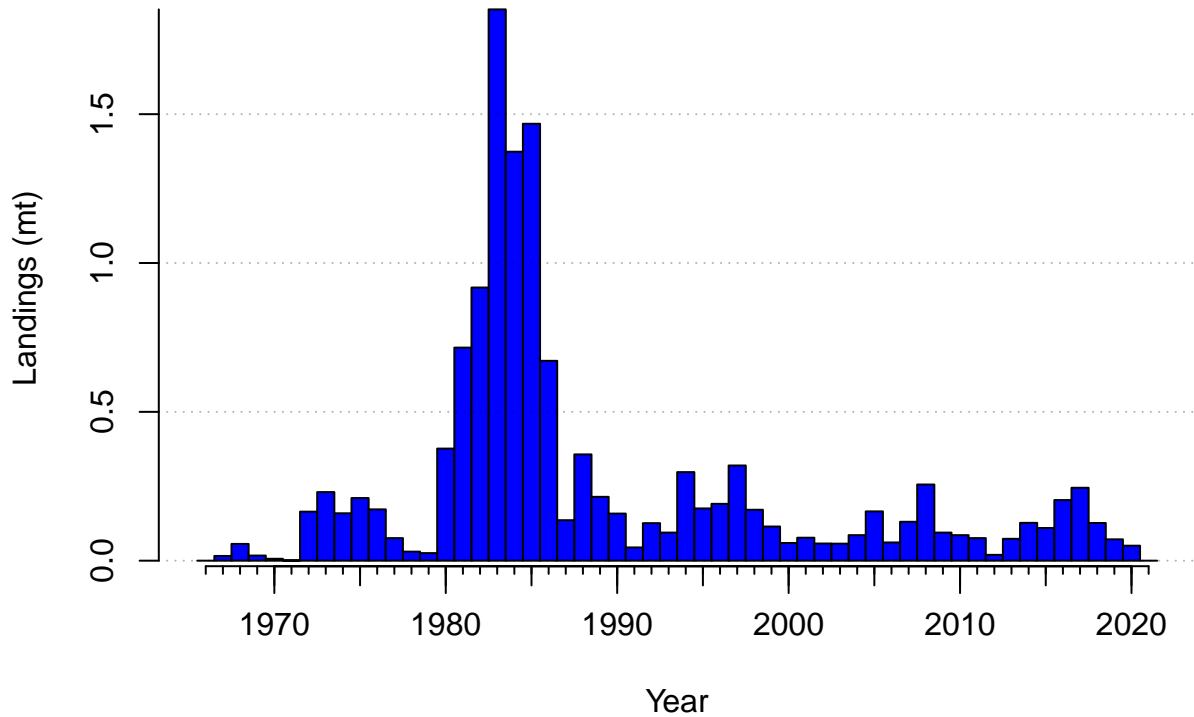


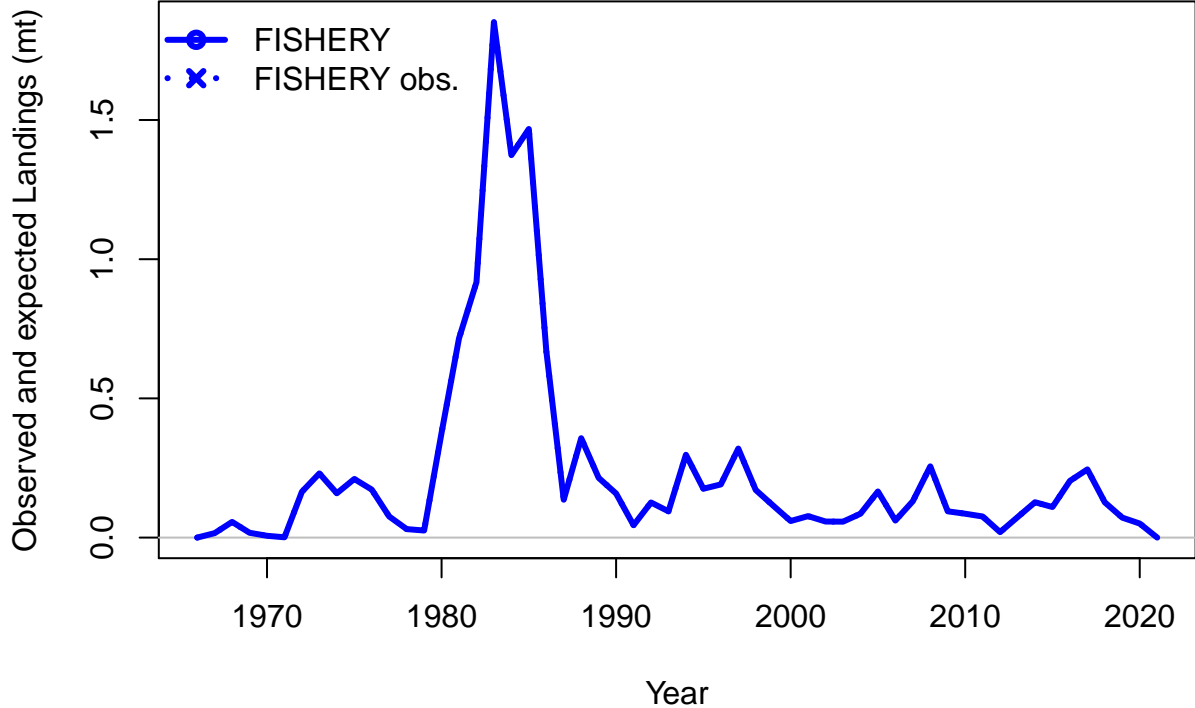


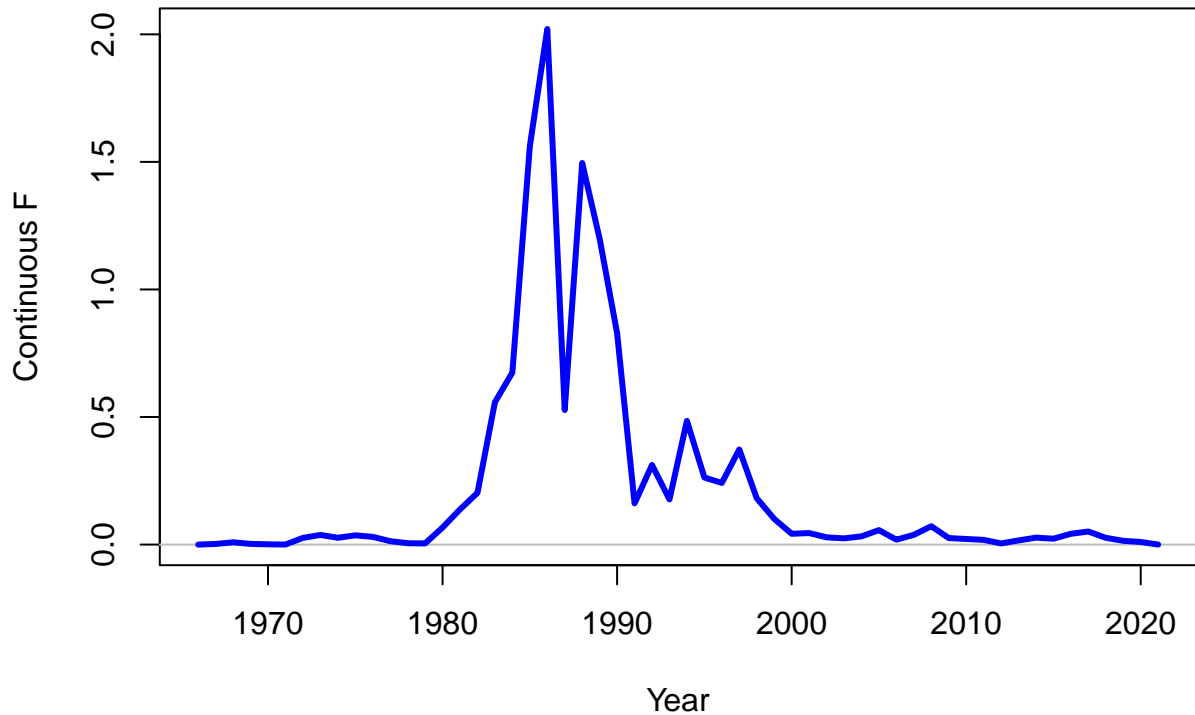




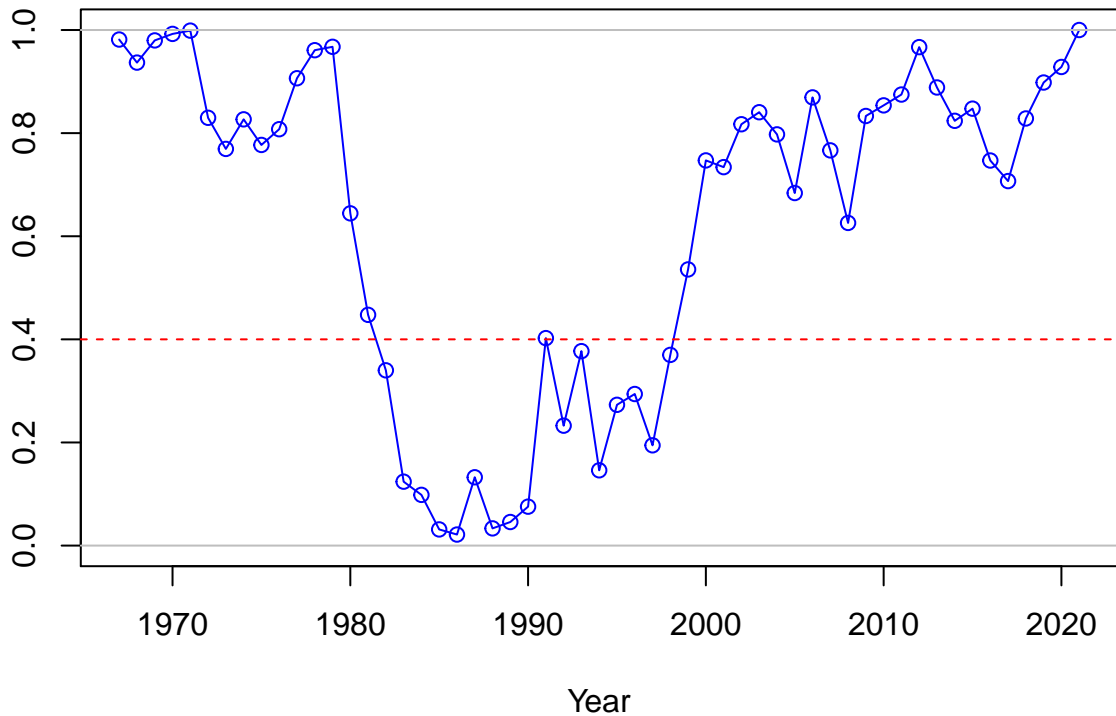




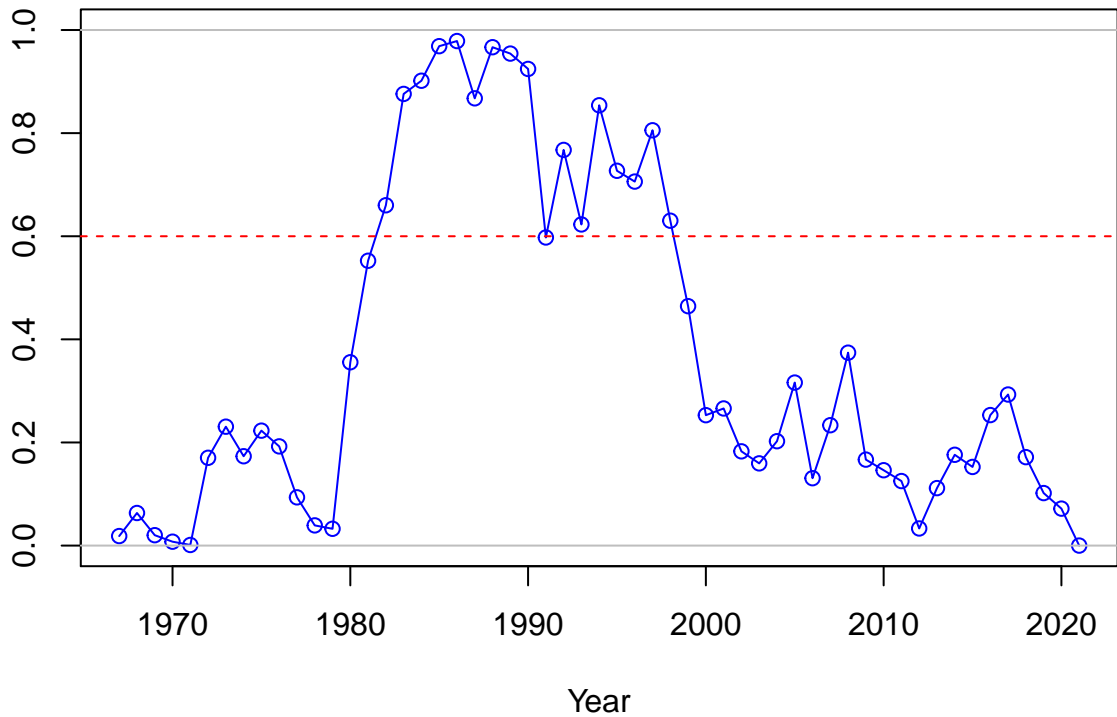




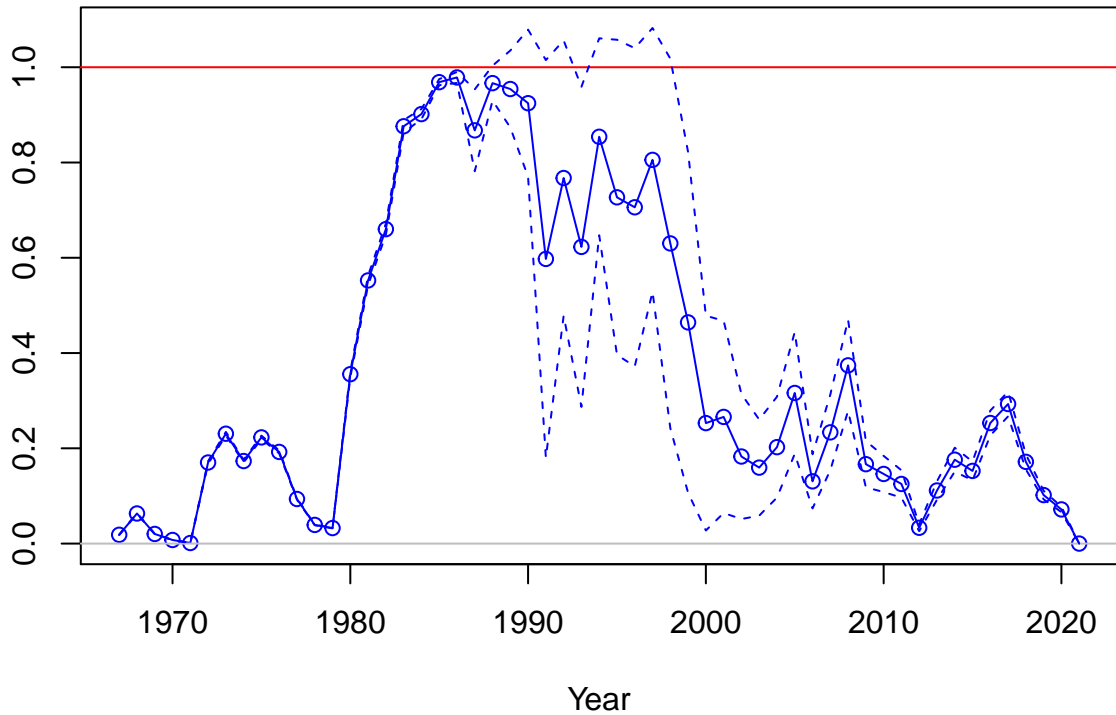
SPR



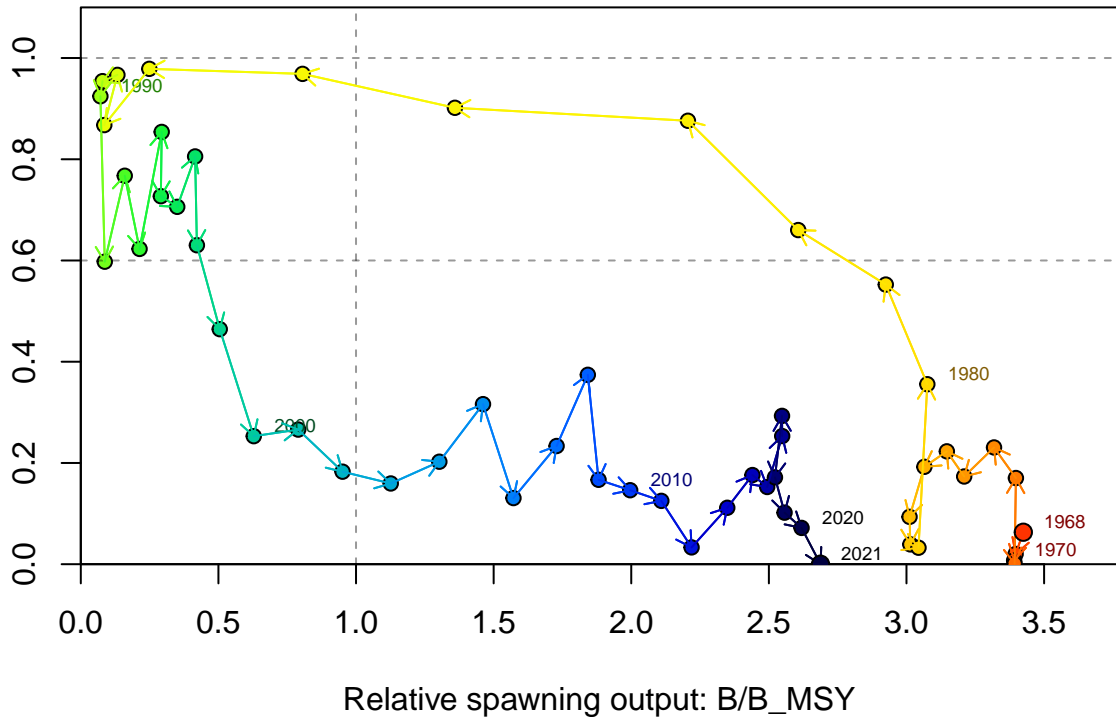
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR



Index

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

2016

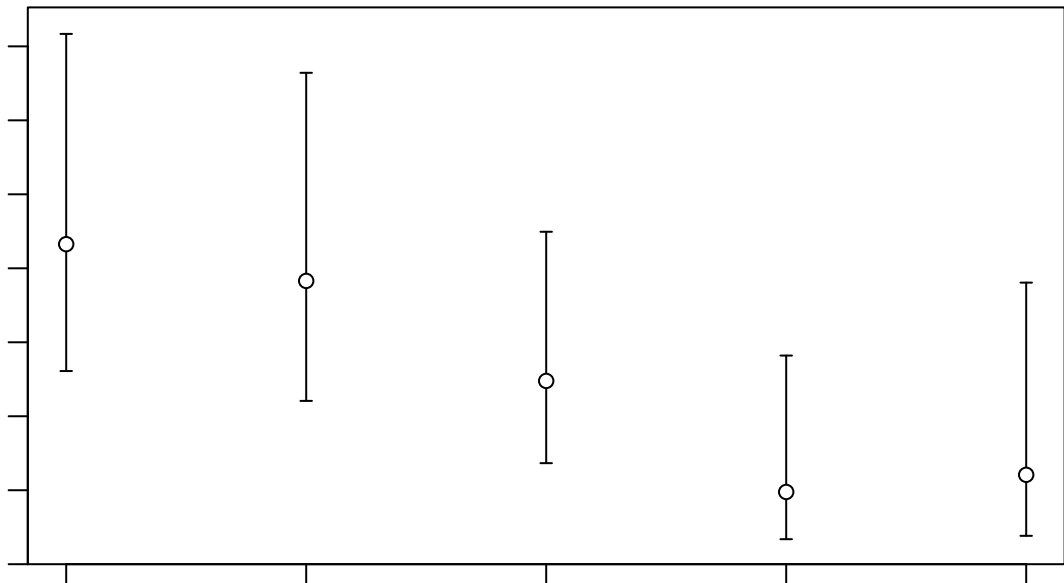
2017

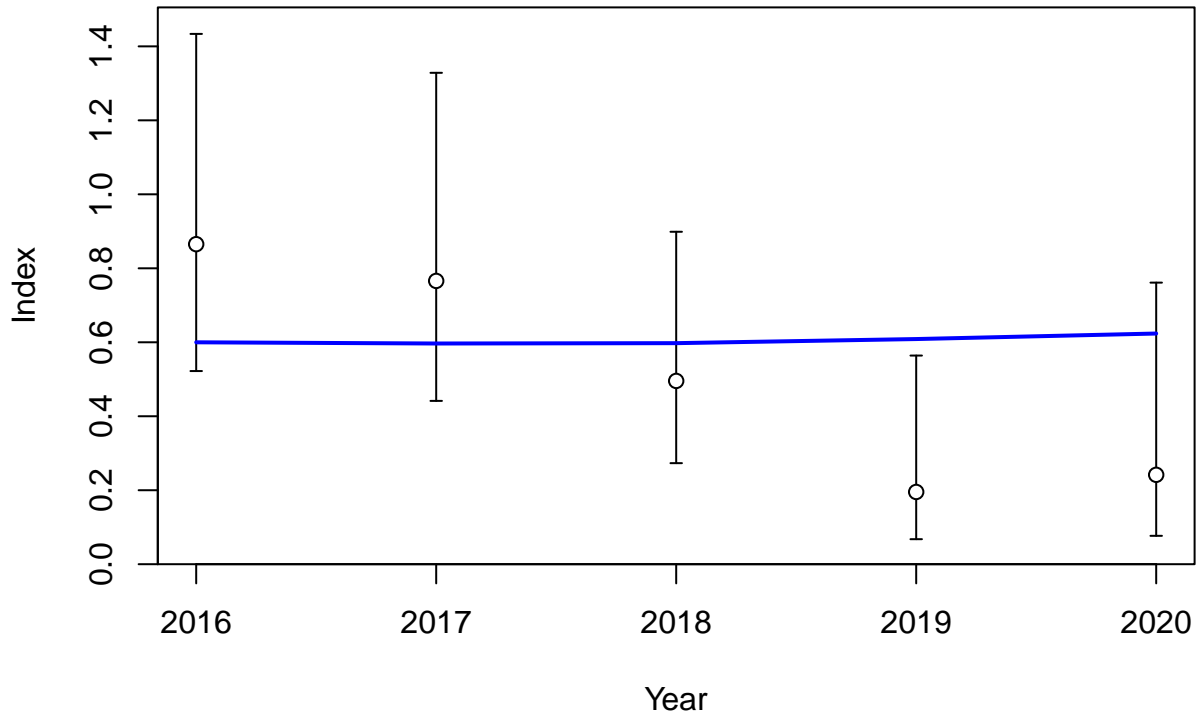
2018

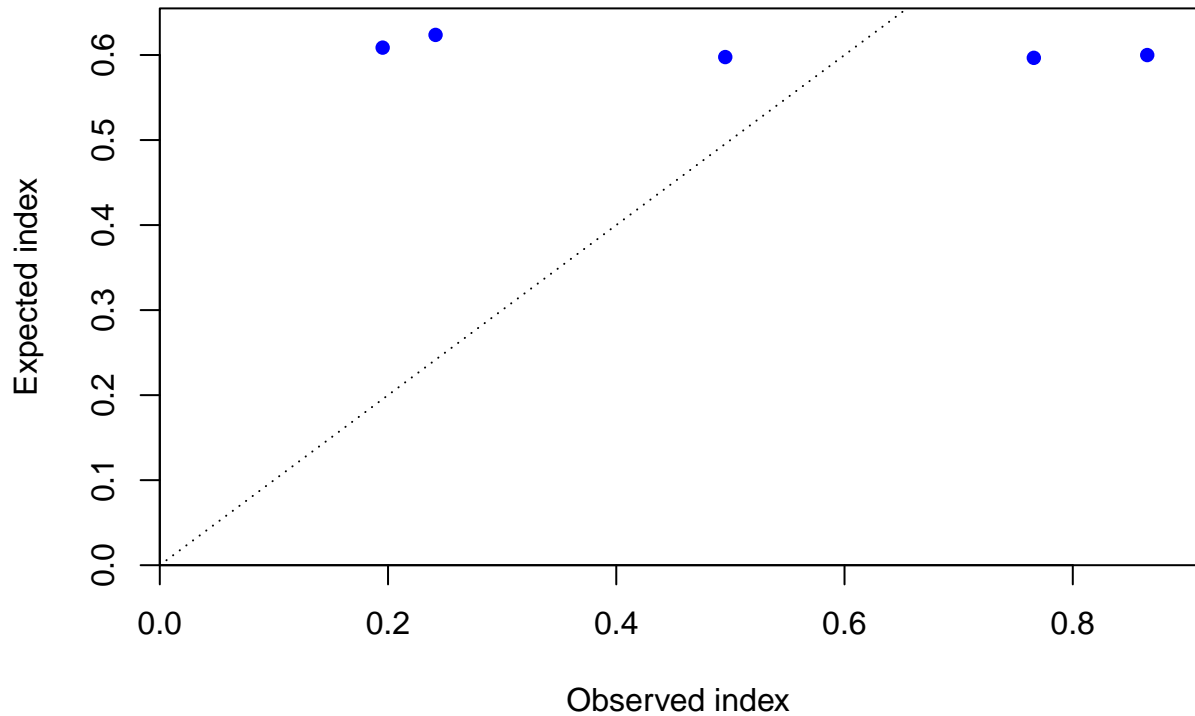
2019

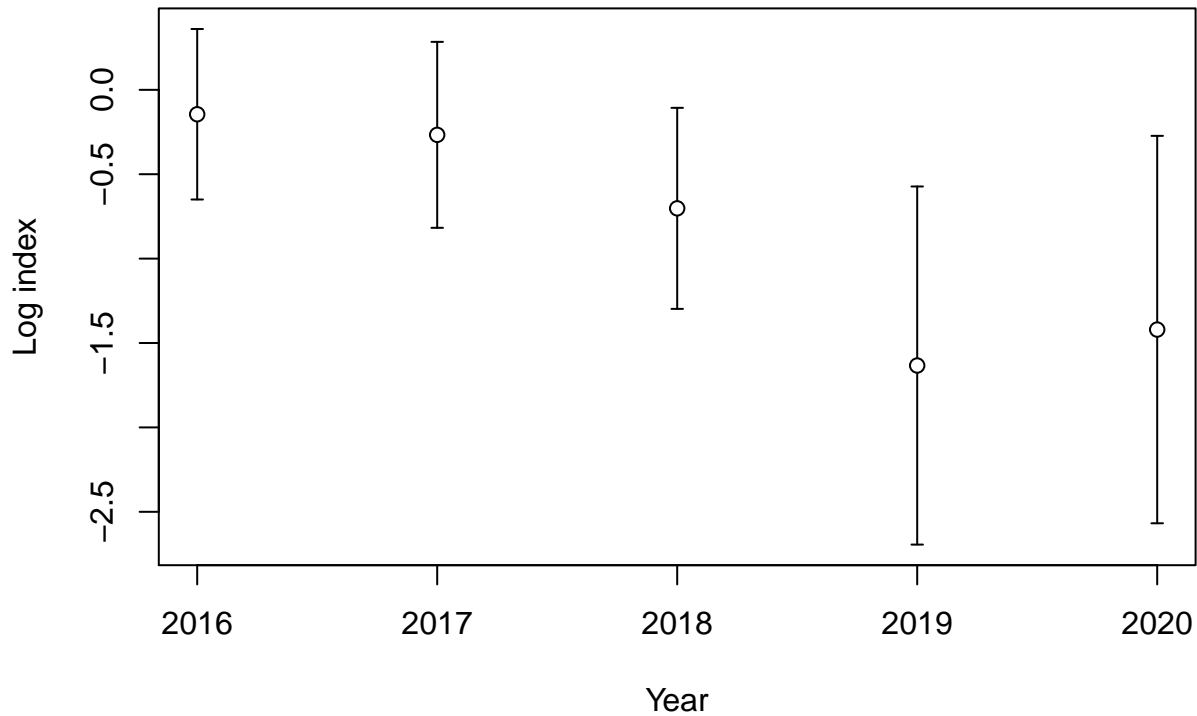
2020

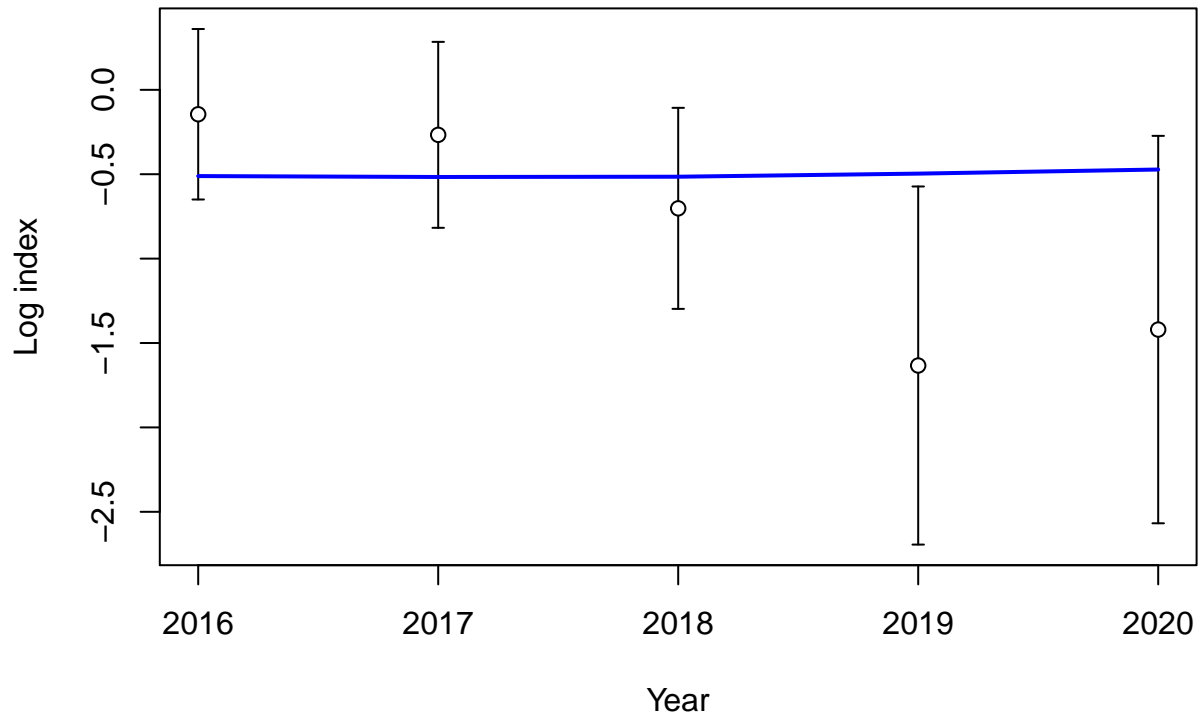
Year

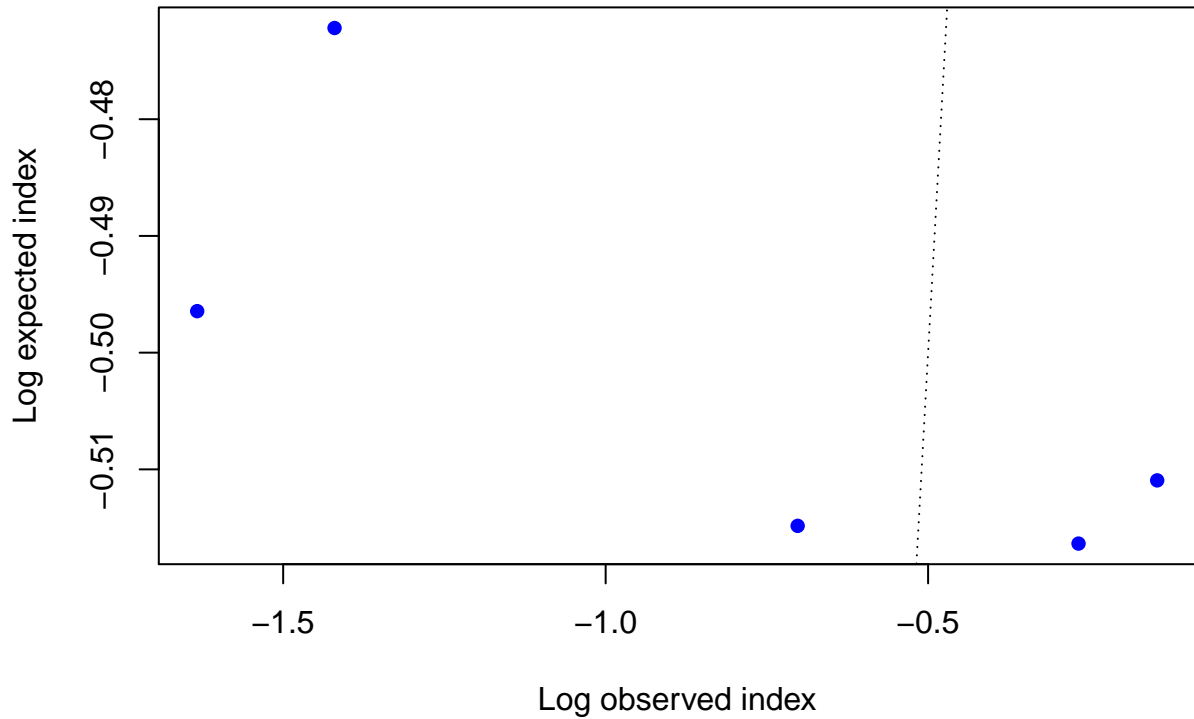




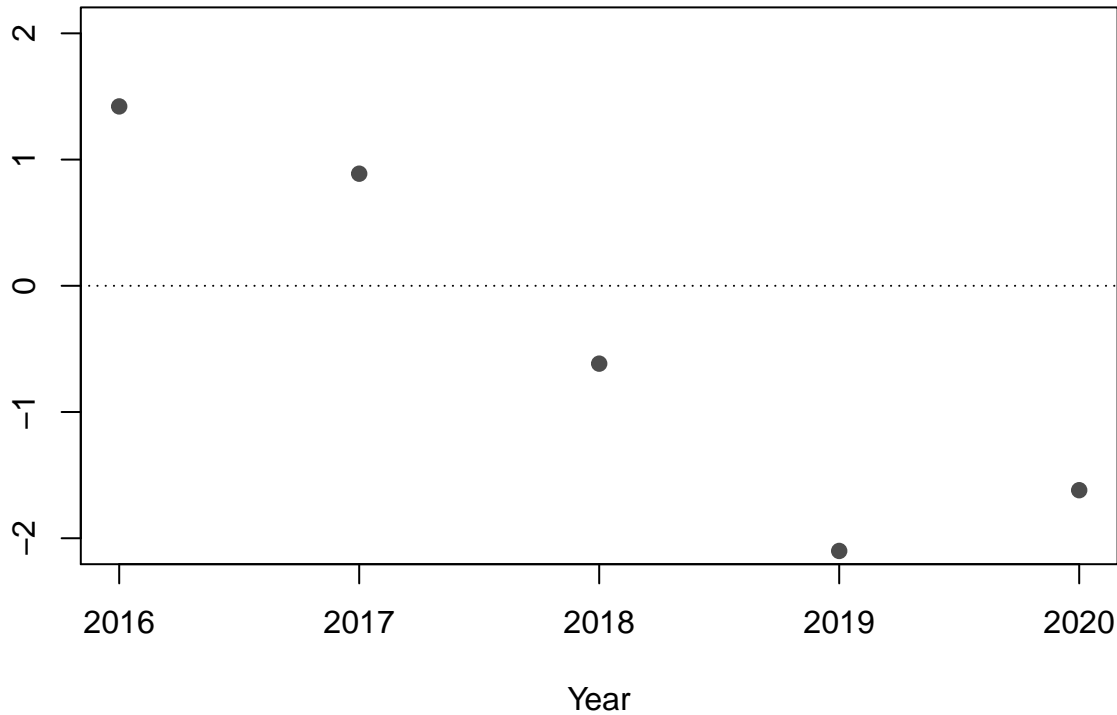




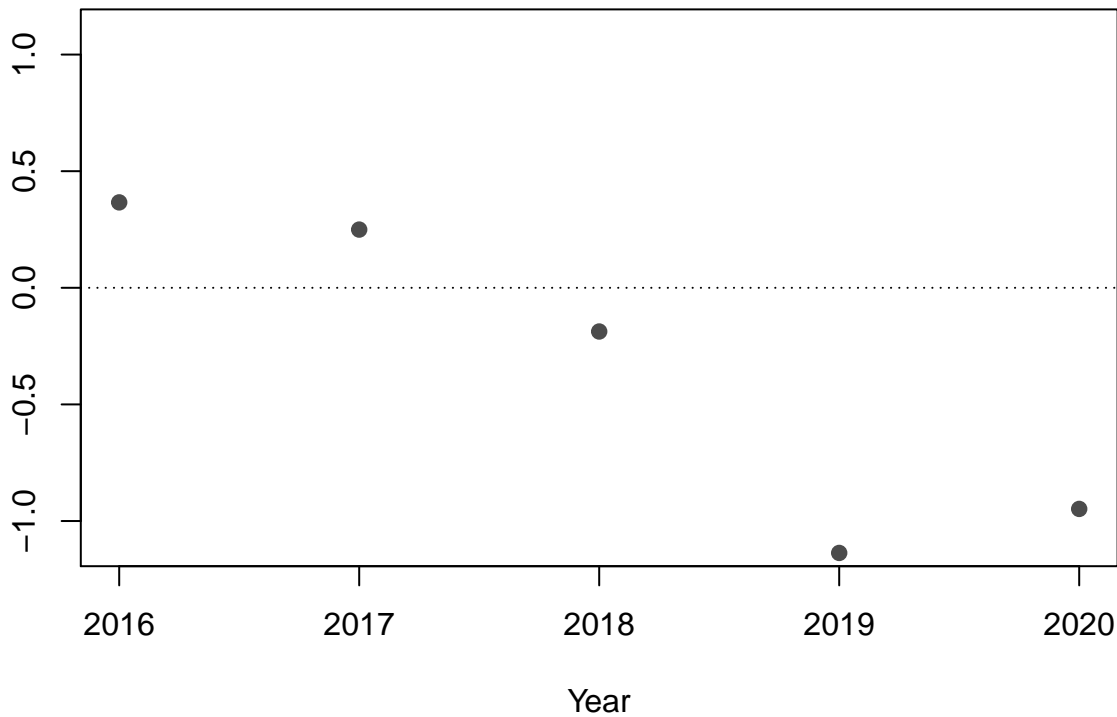




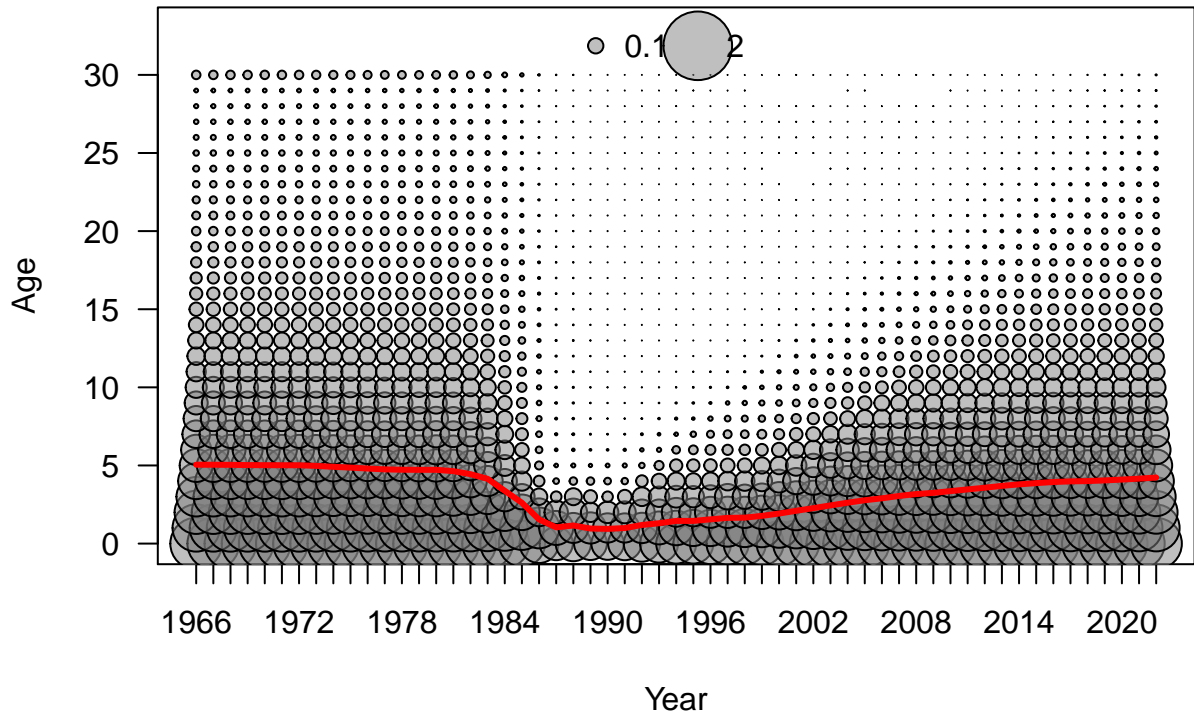
Residual

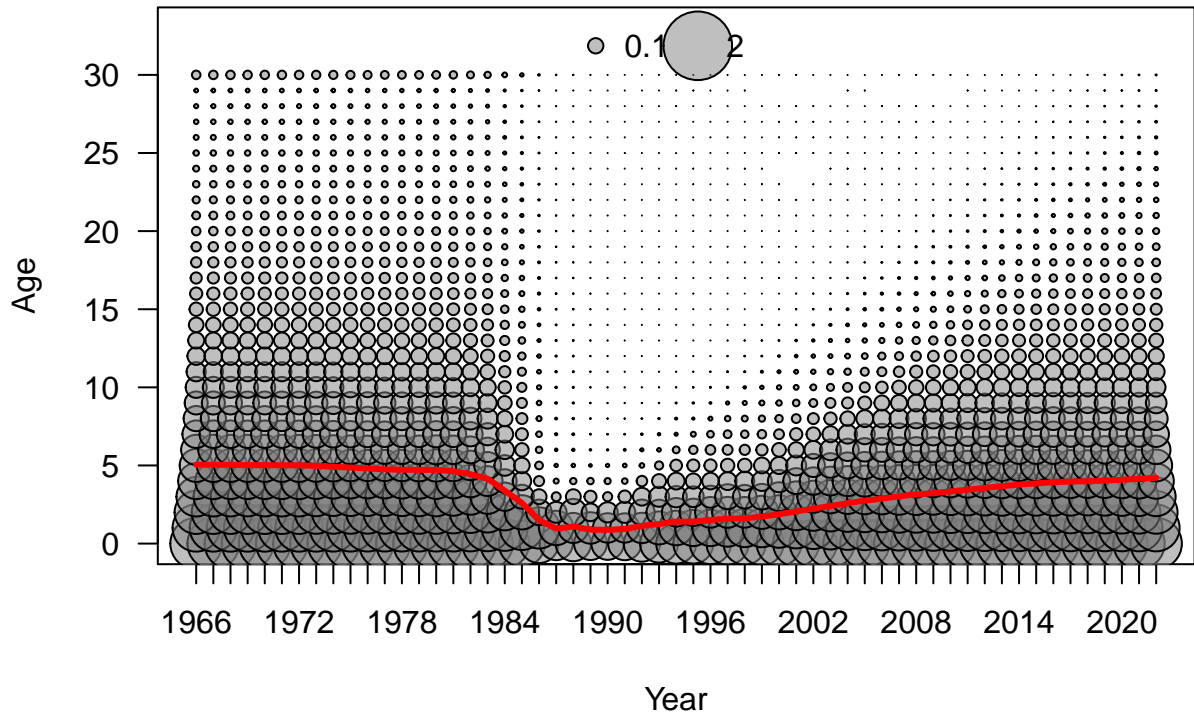


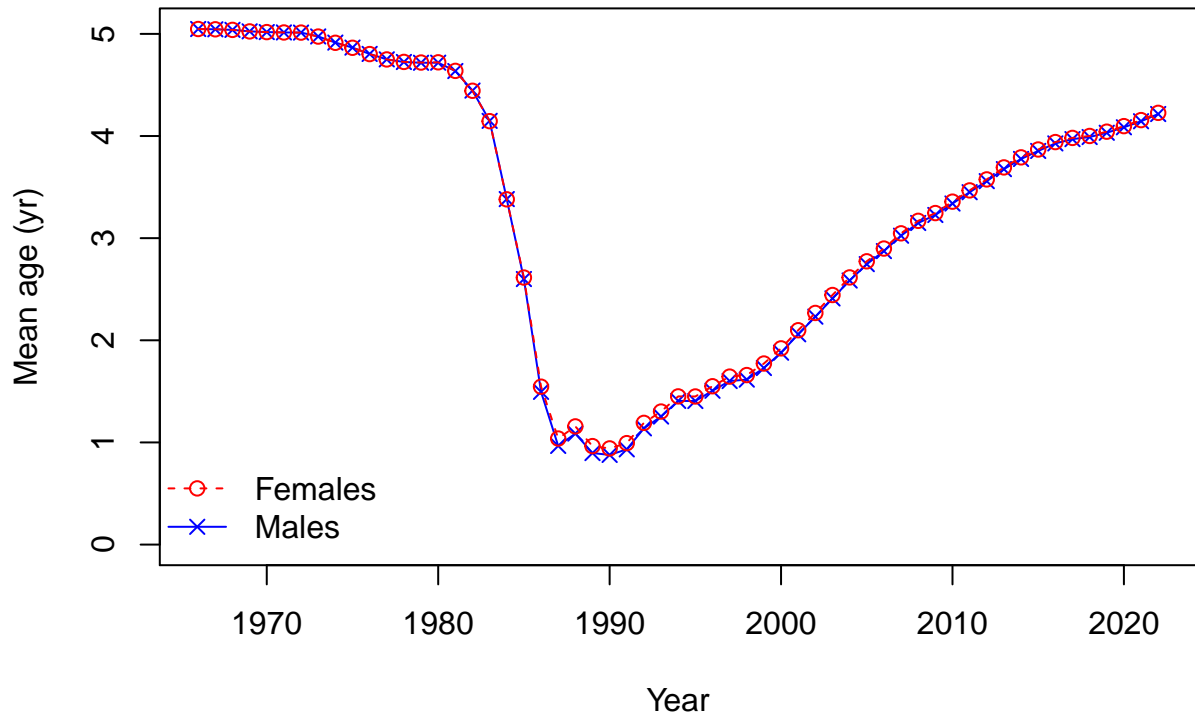
Deviation

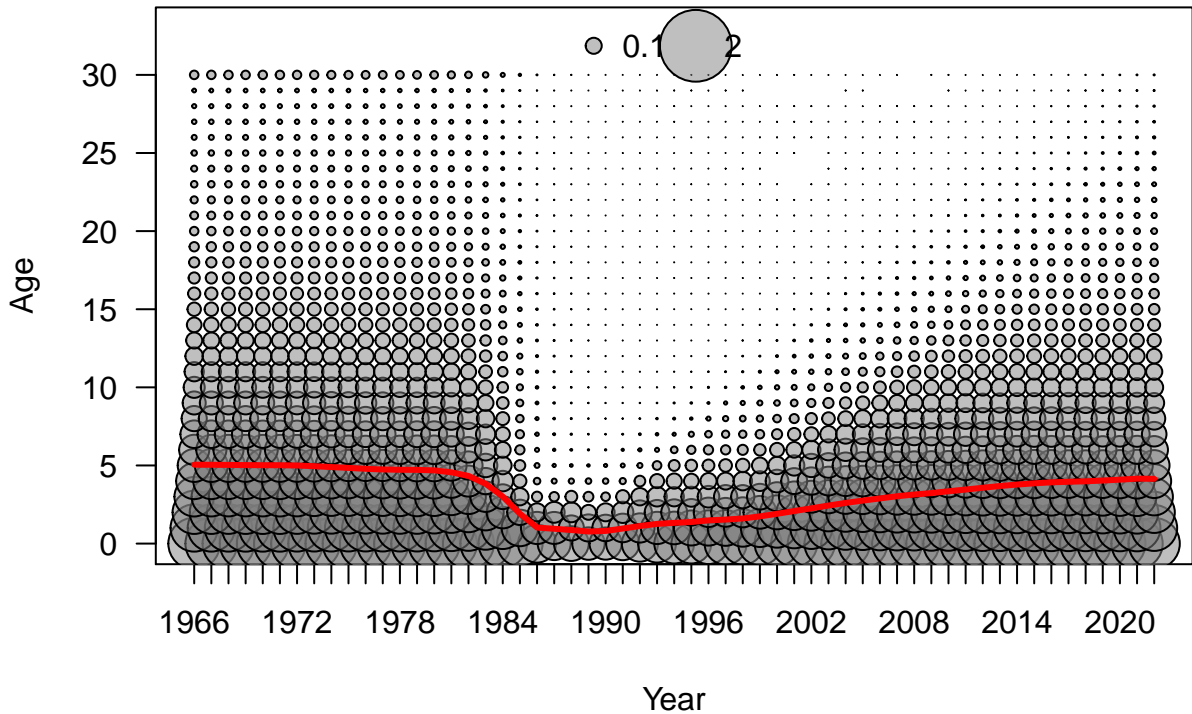


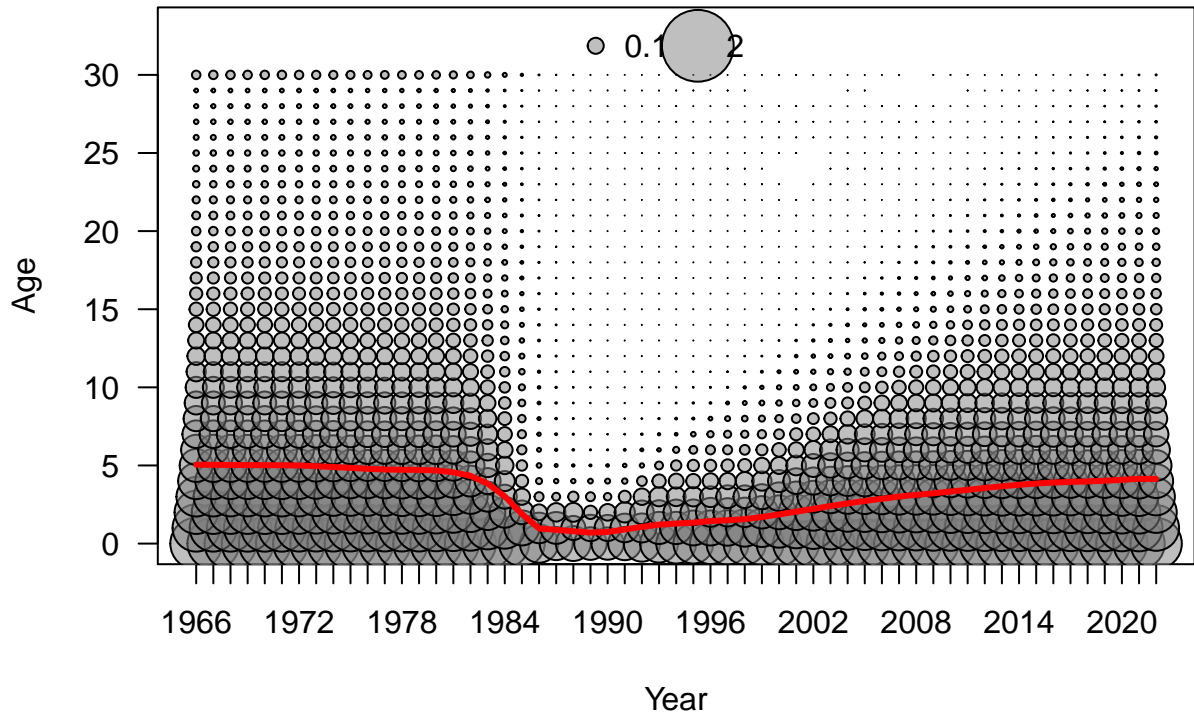


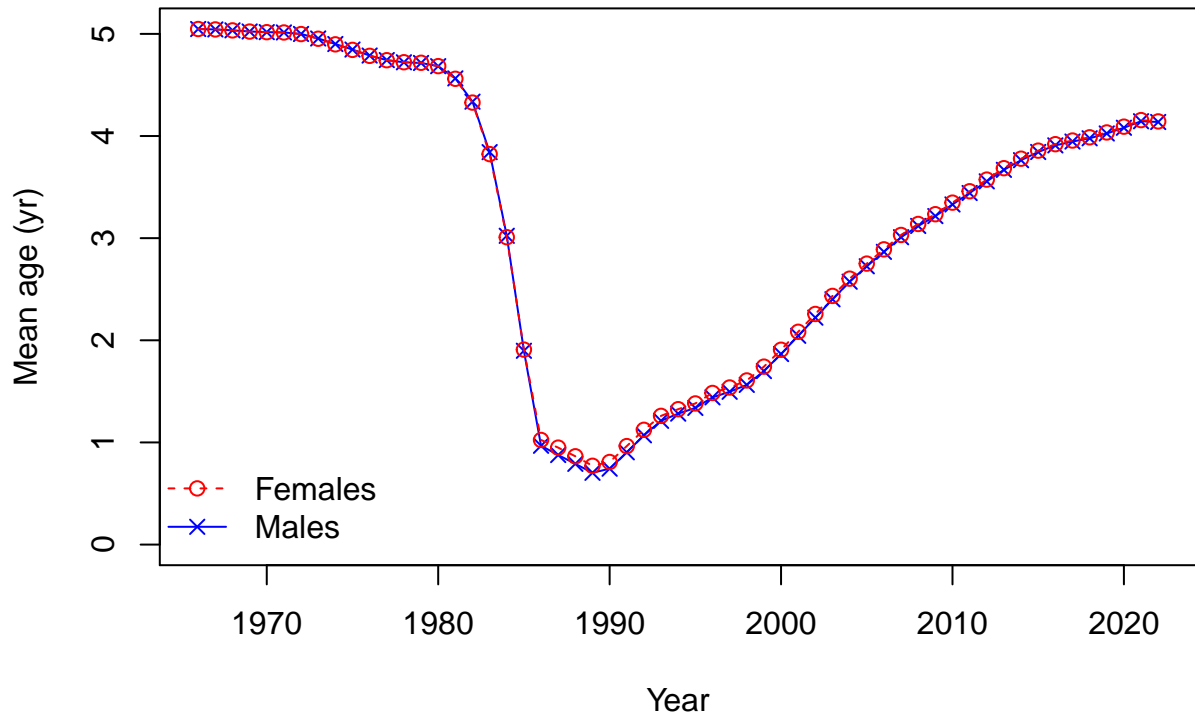


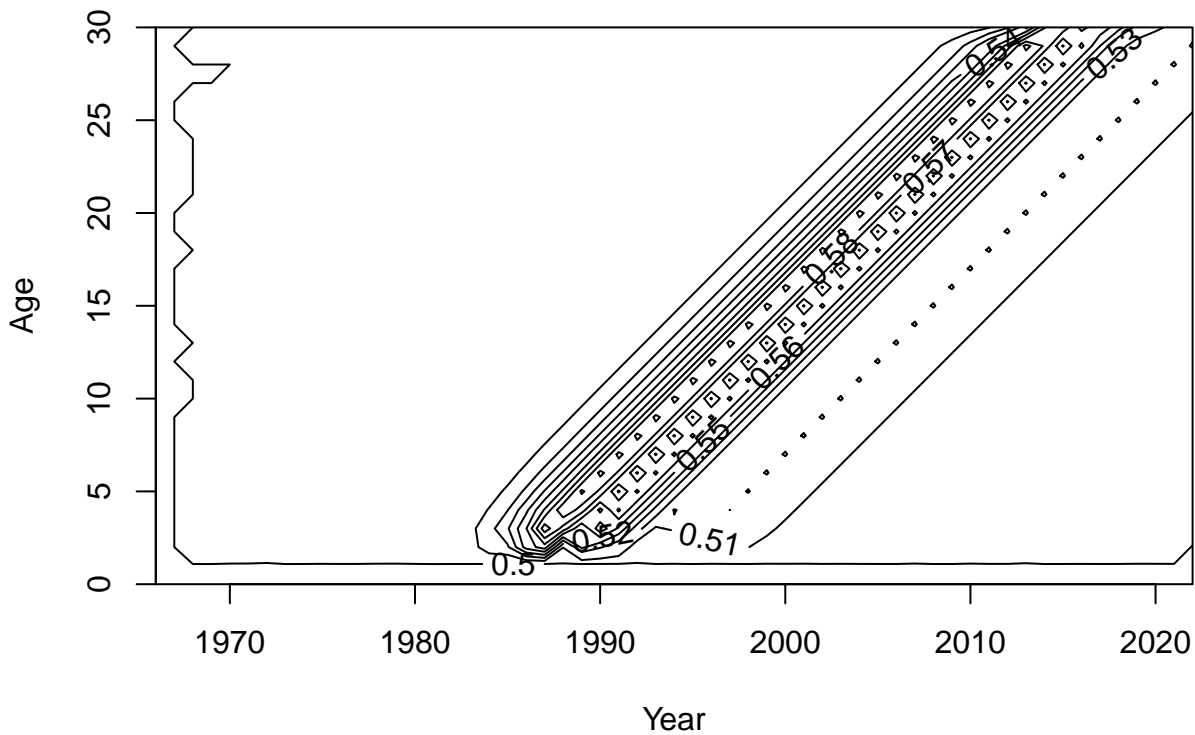


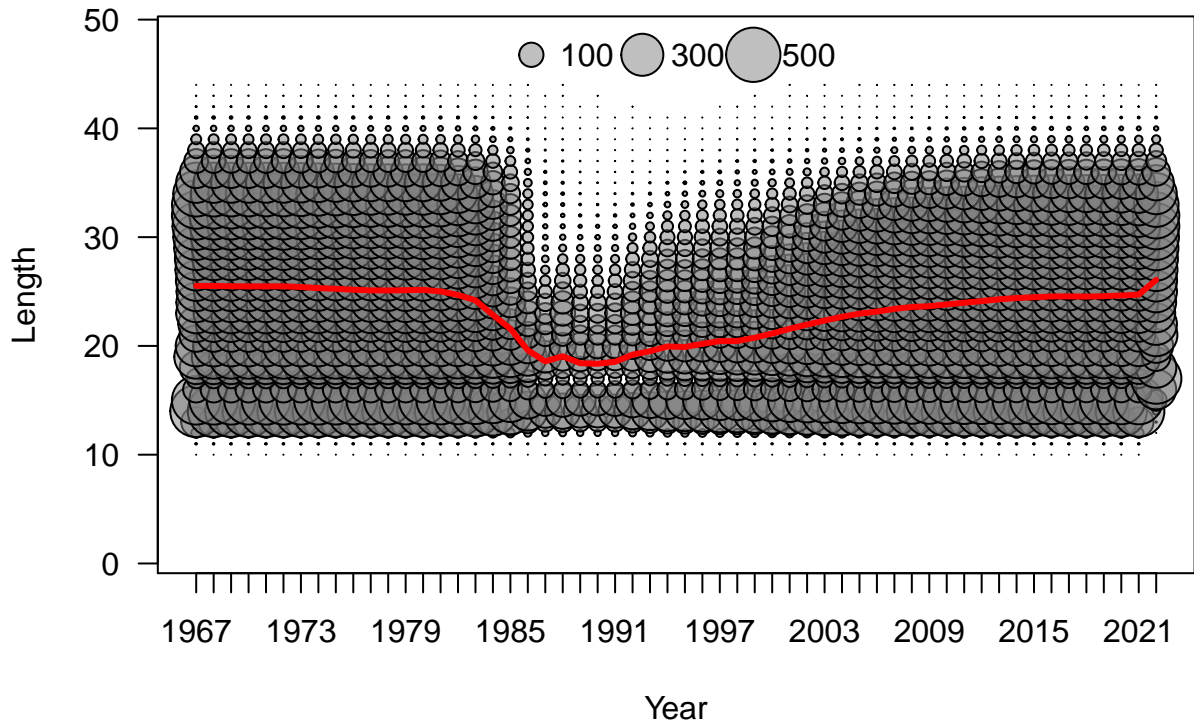


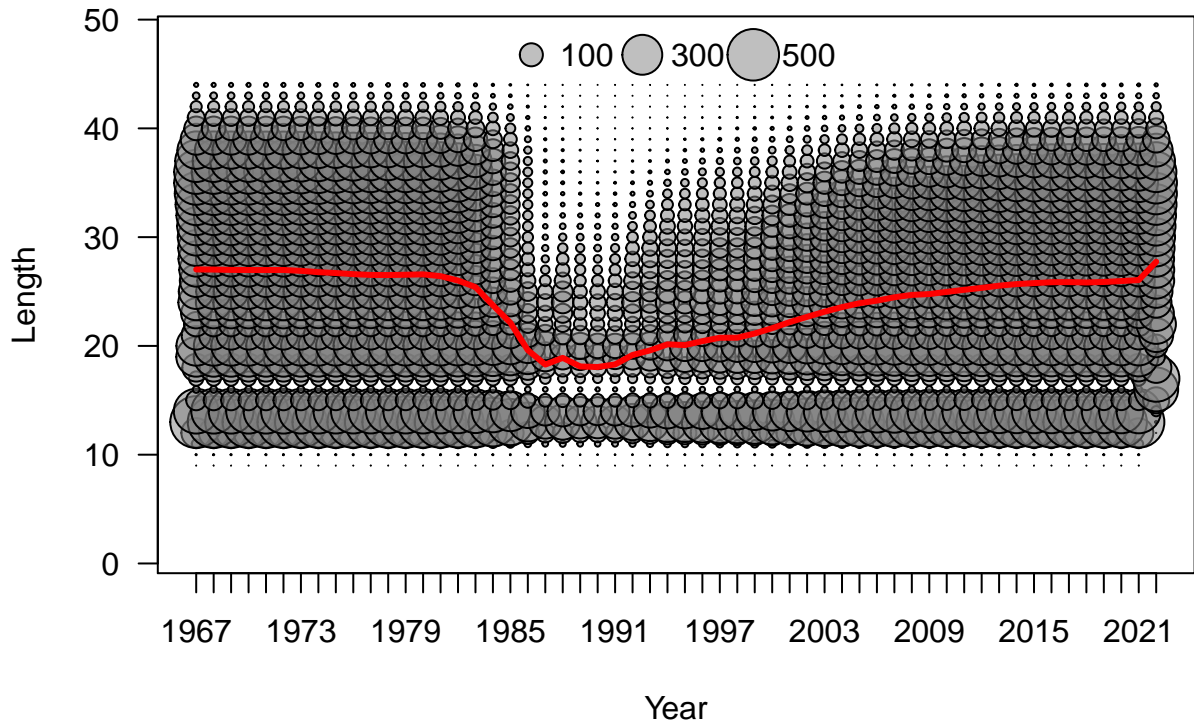


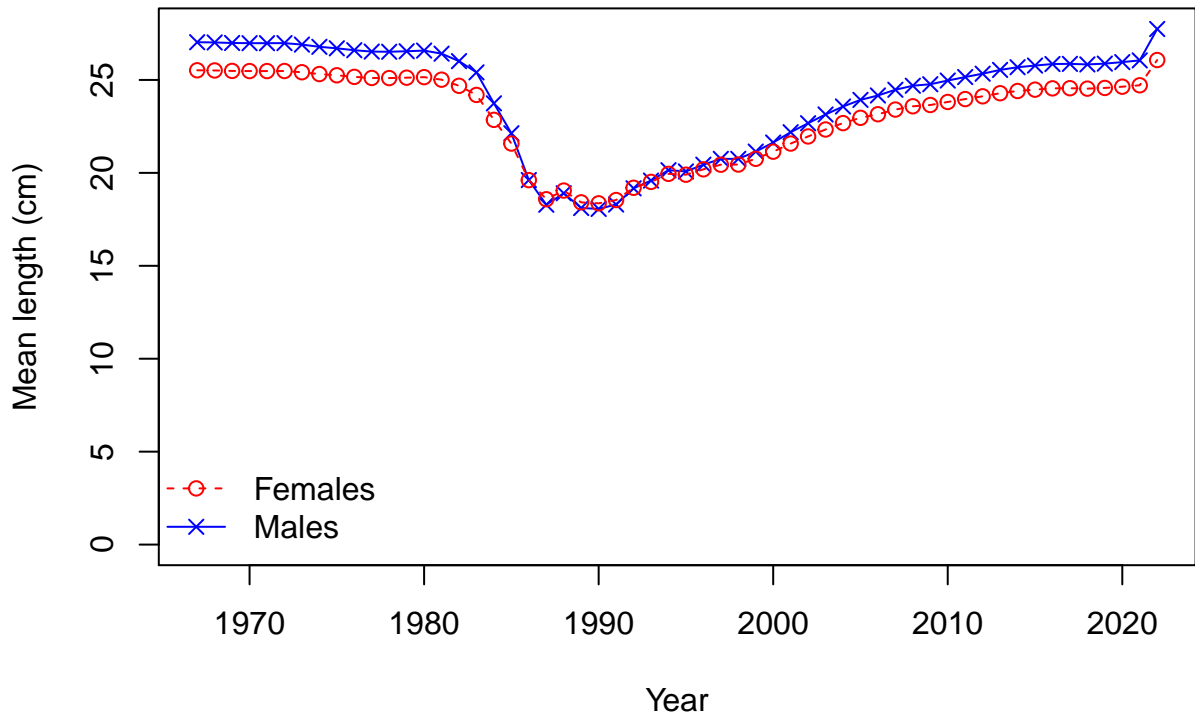


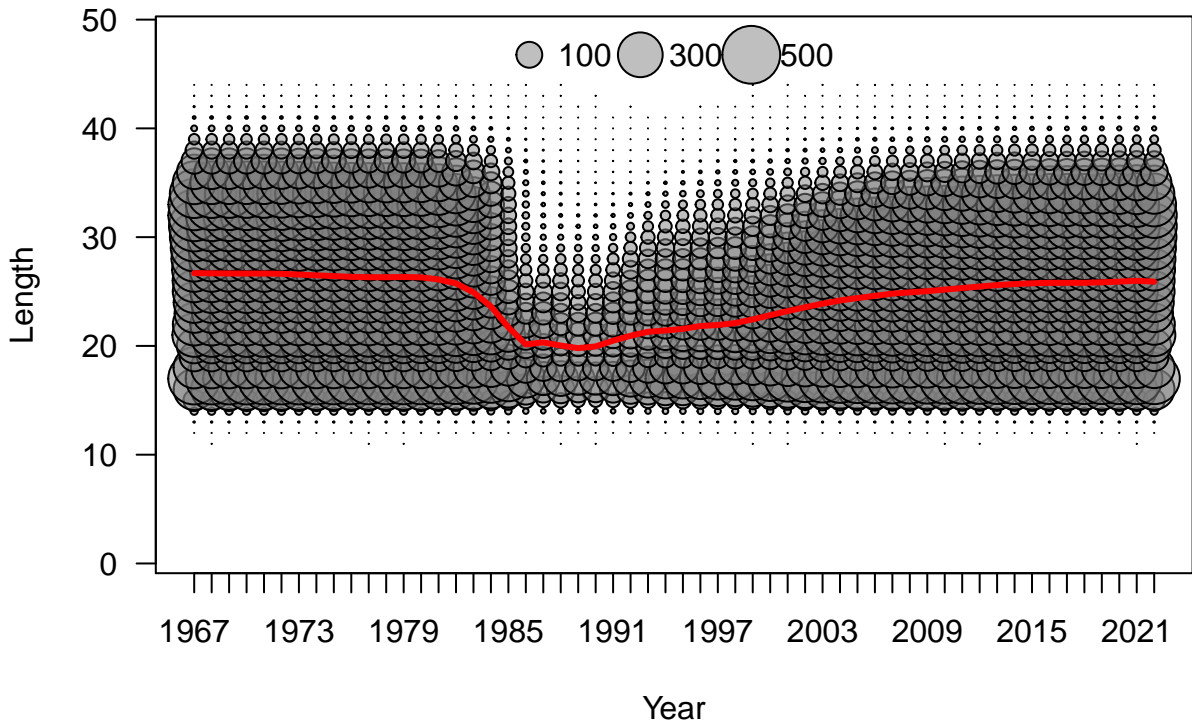


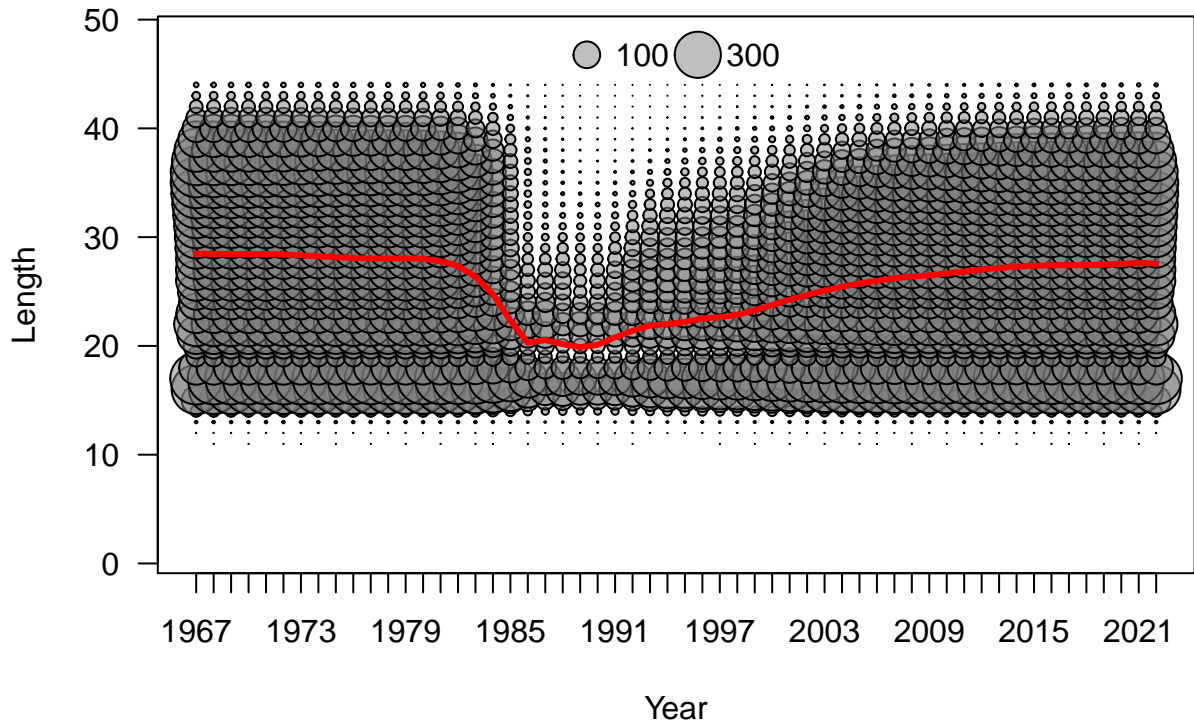


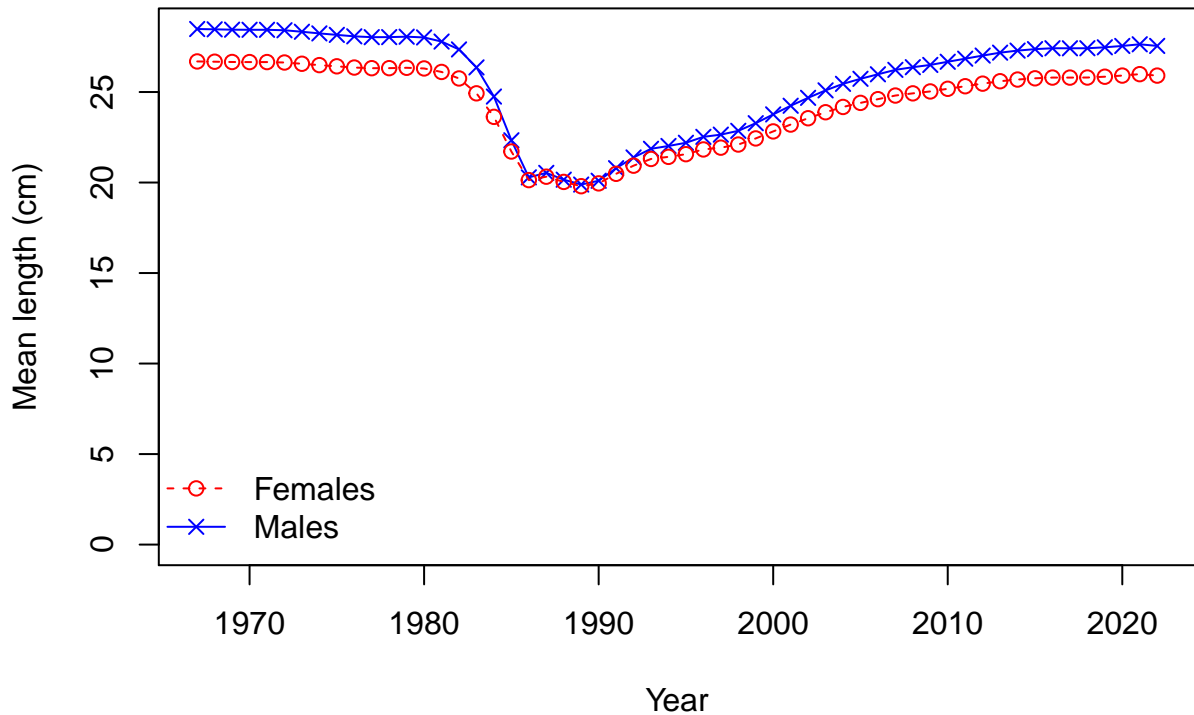




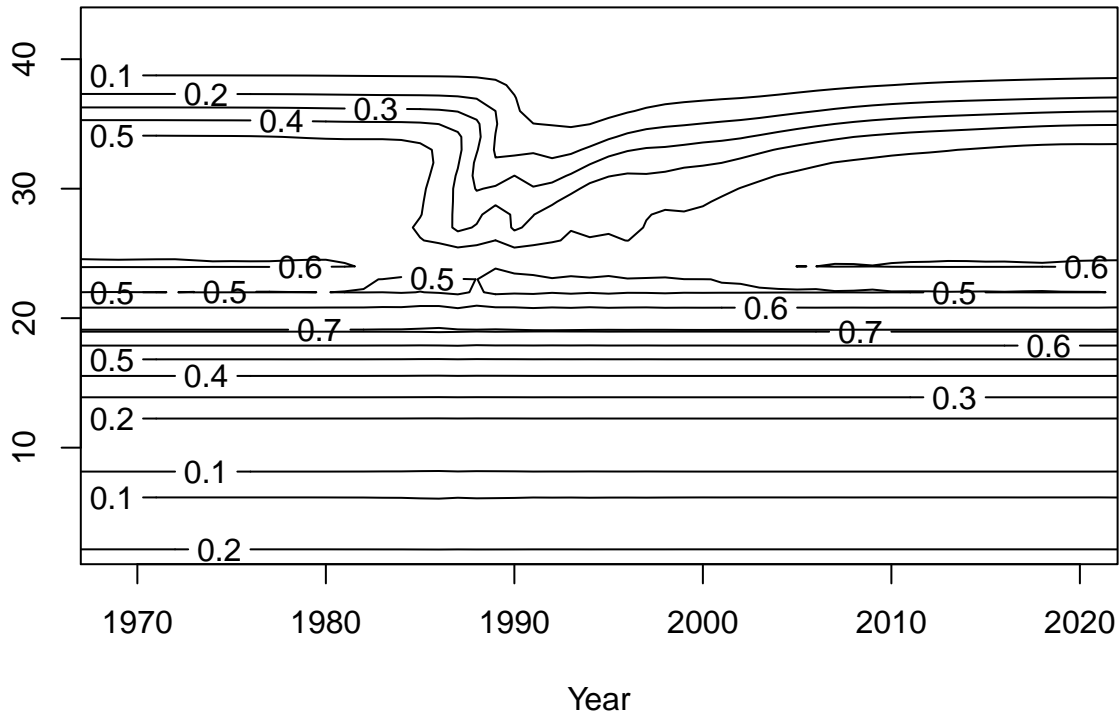


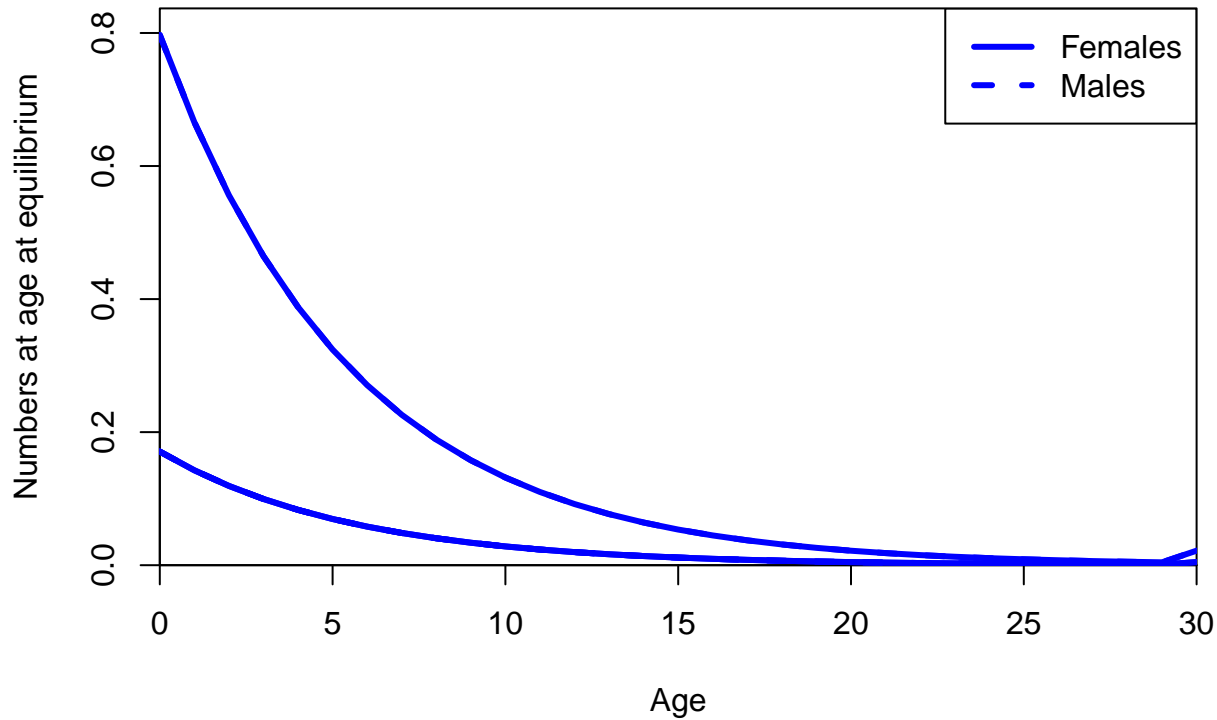






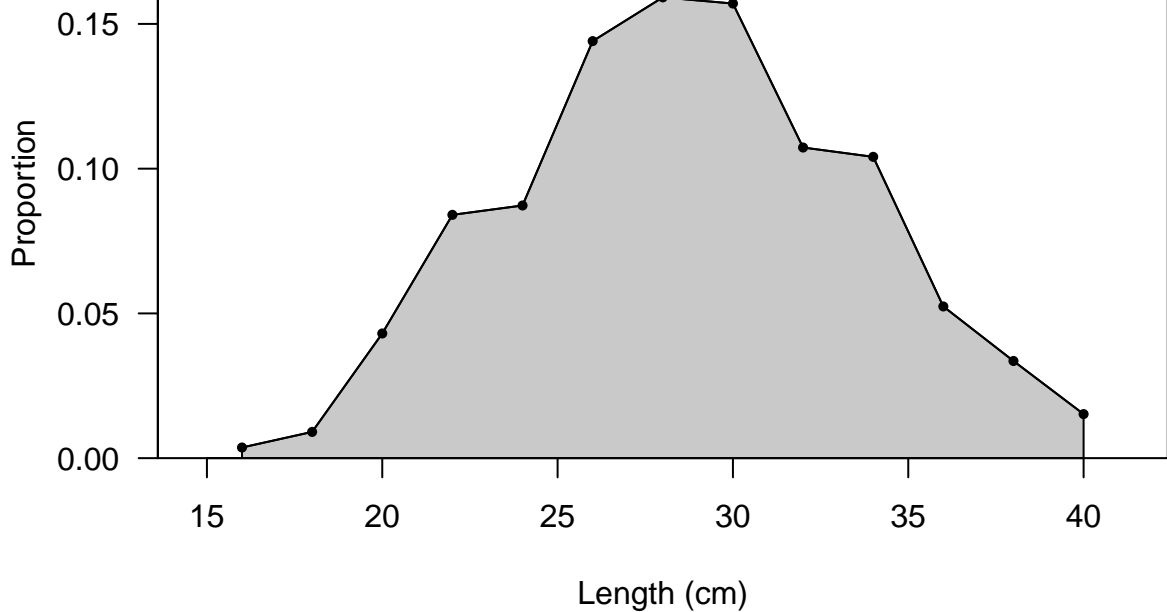
Length





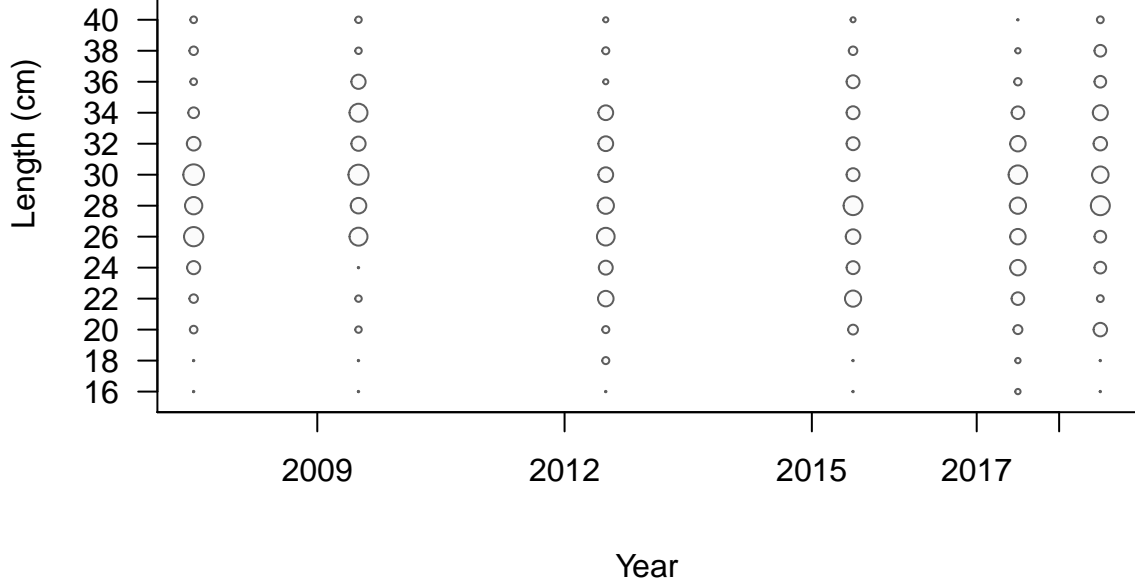
FISHERY

Sum of N input=308

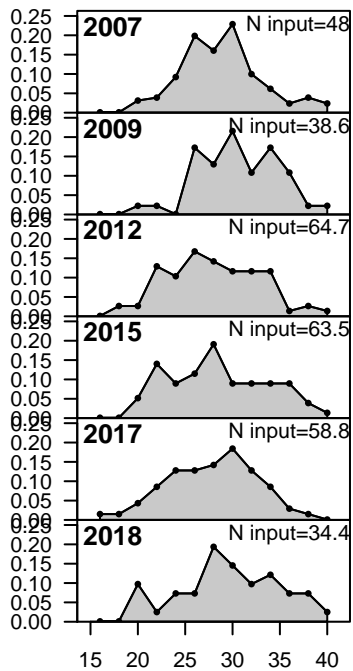


FISHERY

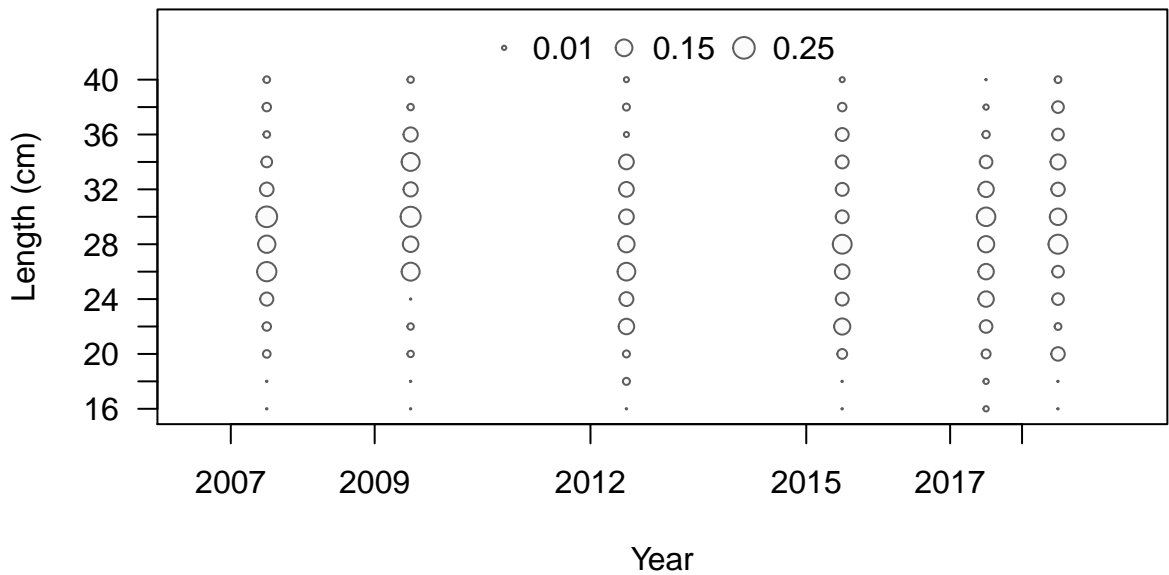
◦ 0.01 ○ 0.15 ○ 0.25



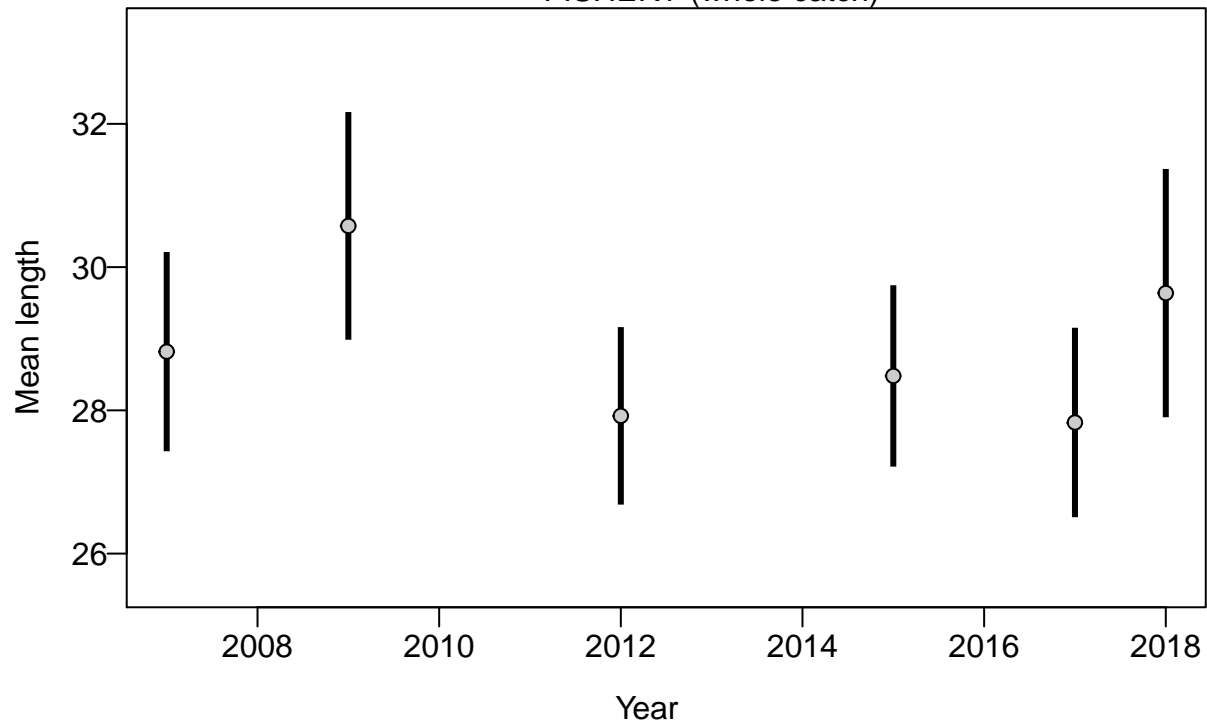
Proportion



Length (cm)

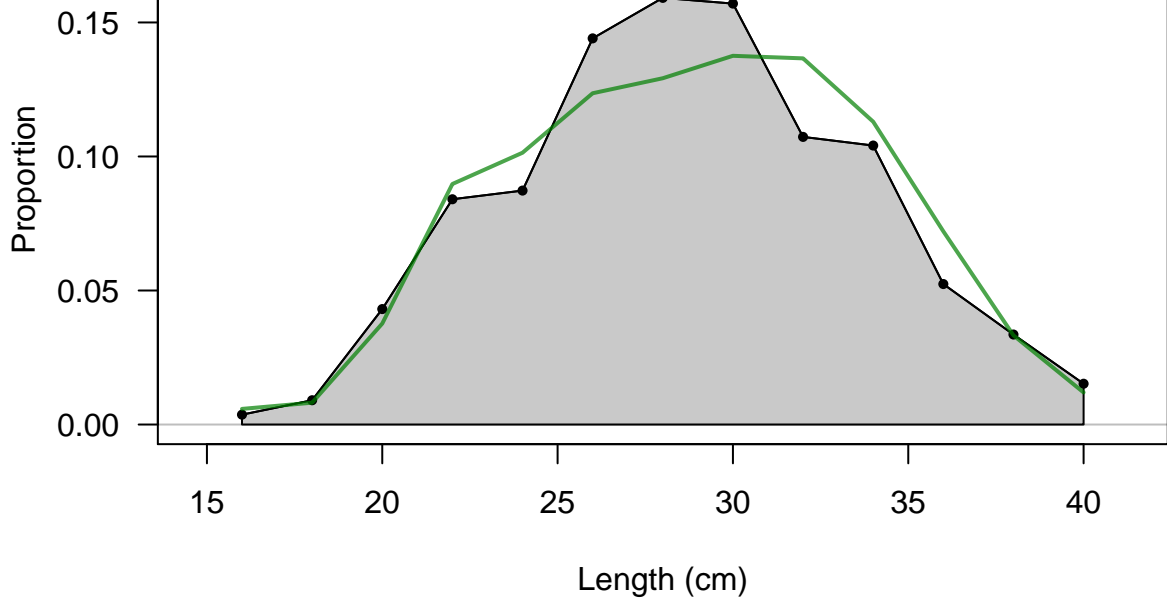


FISHERY (whole catch)



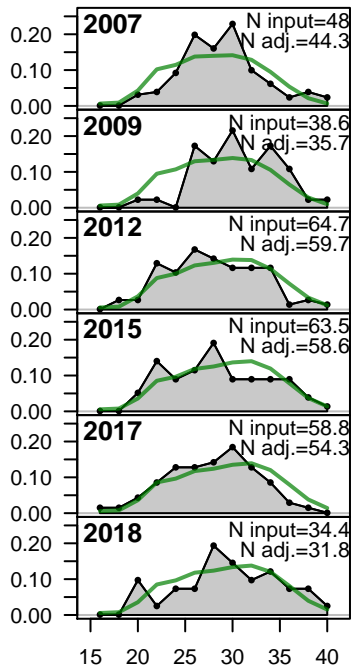
FISHERY

Sum of N input=308
Sum of N adj.=284.5

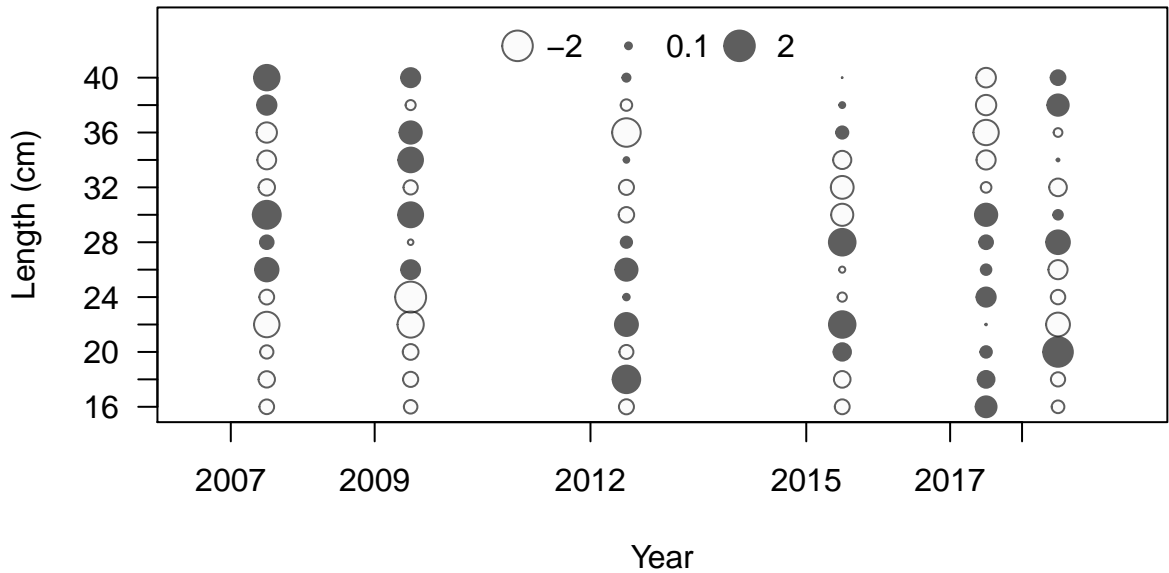




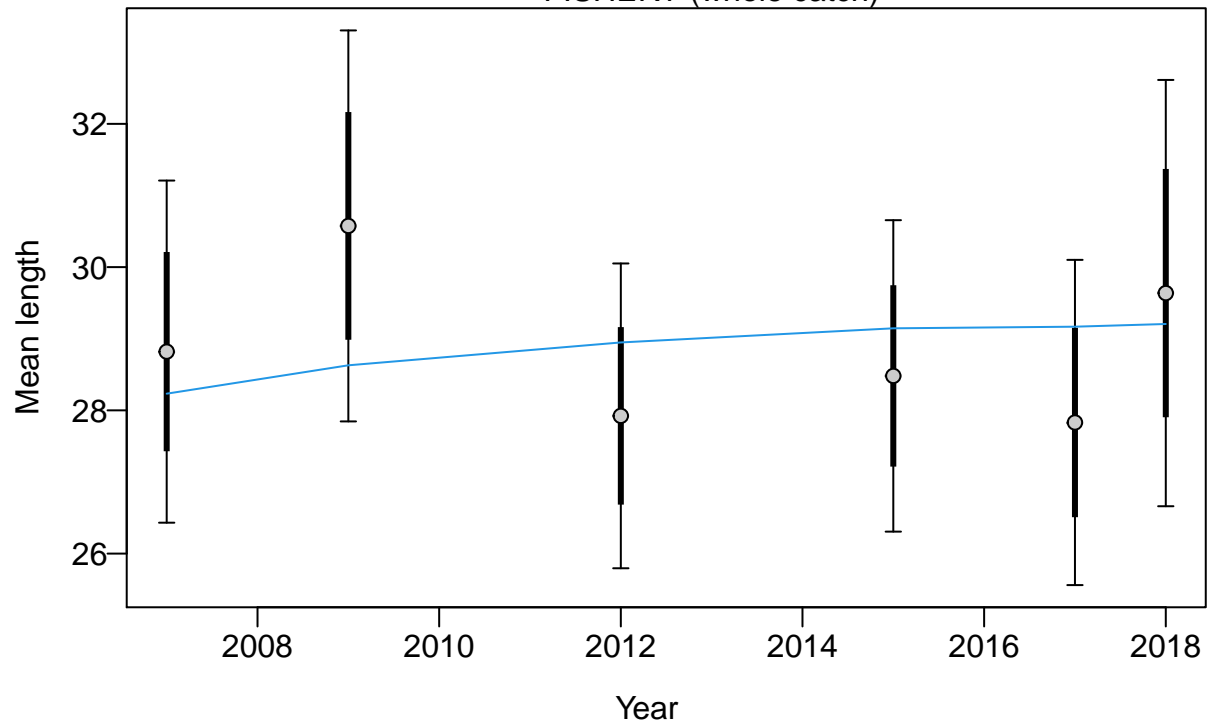
Proportion

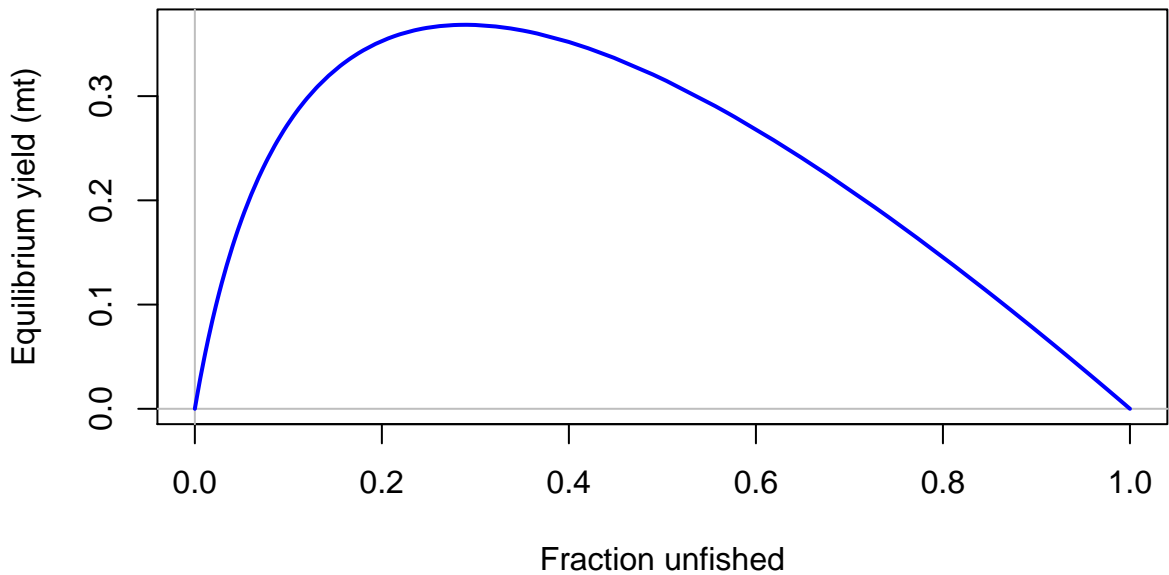


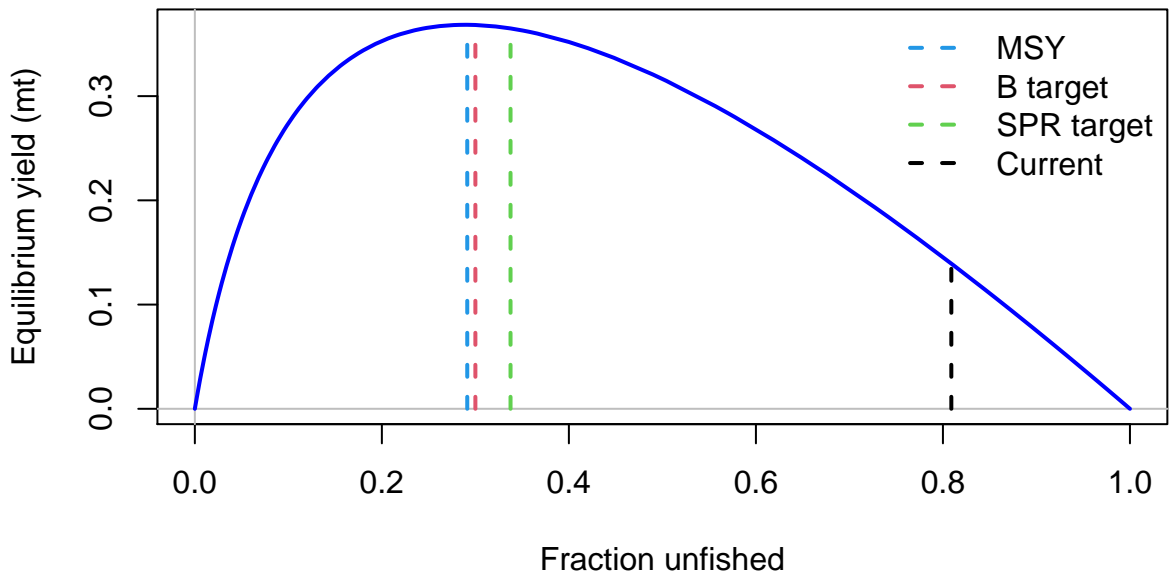
Length (cm)

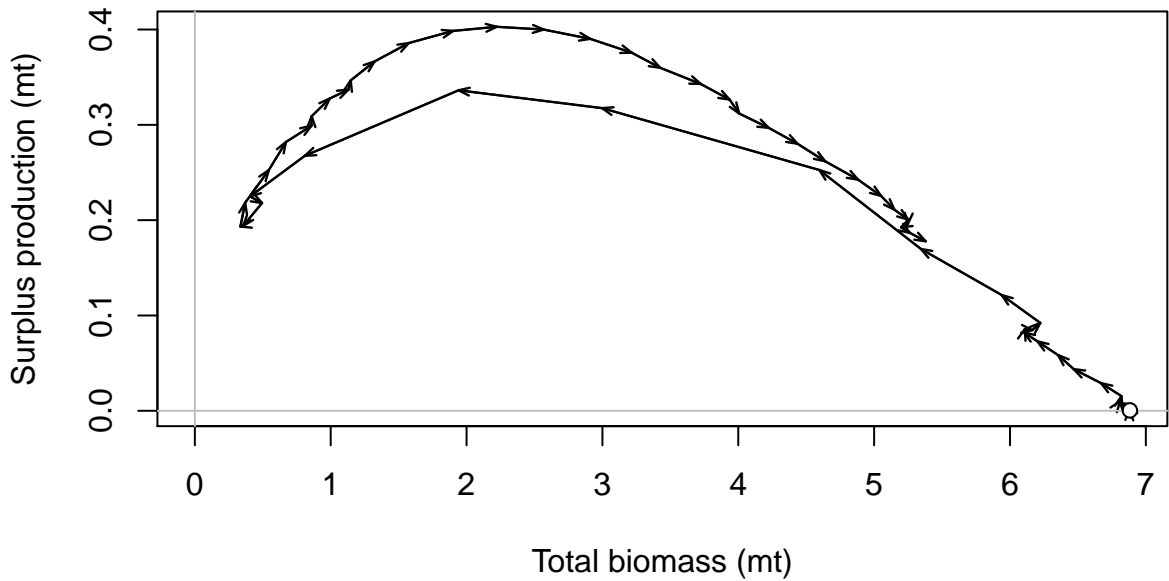


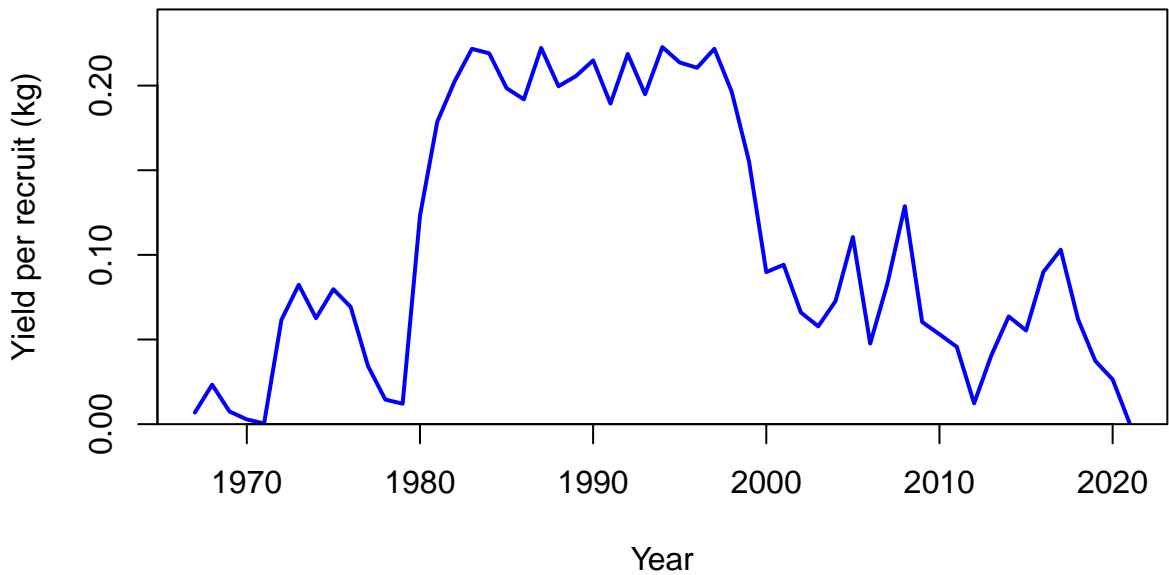
FISHERY (whole catch)

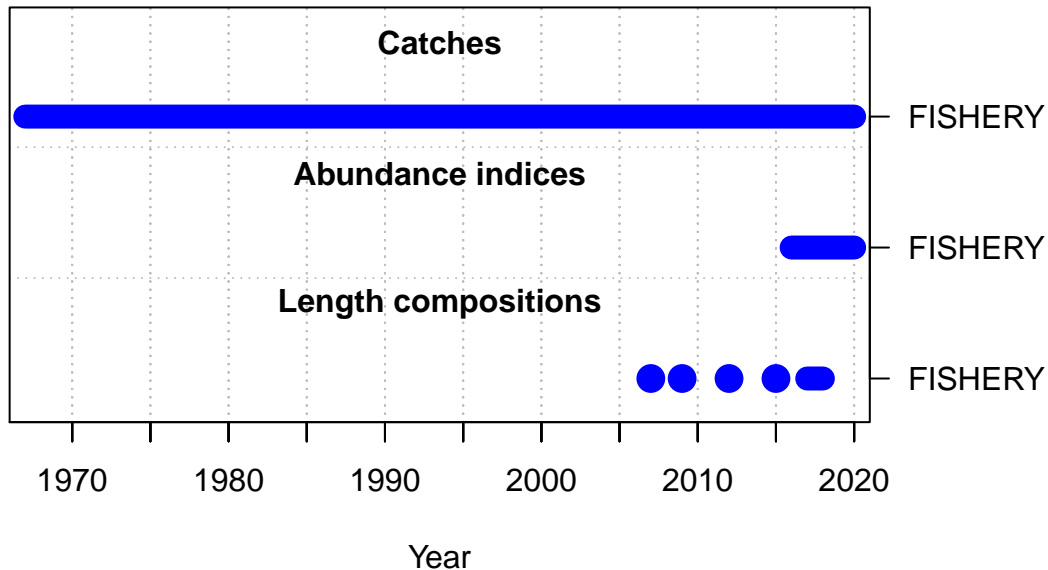


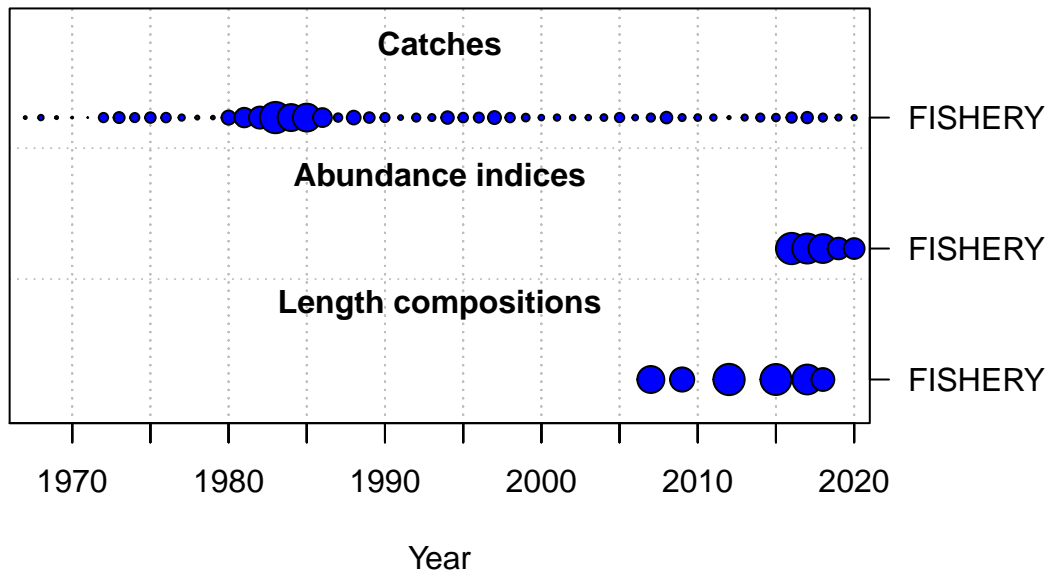




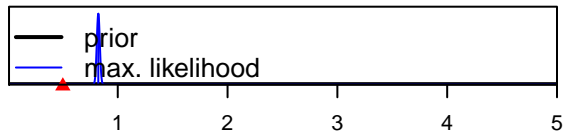




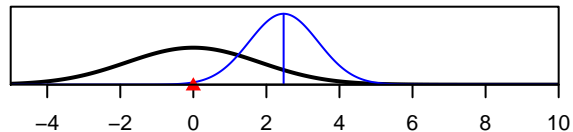




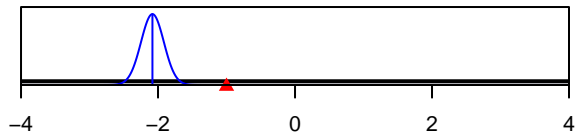
SR_LN(R0)



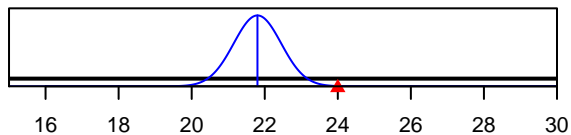
ln(DM_theta)_1



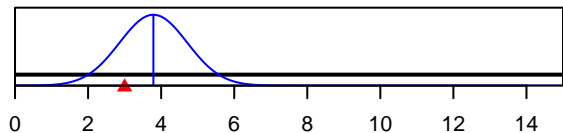
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value