

Plots created using the 'r4ss' package in R

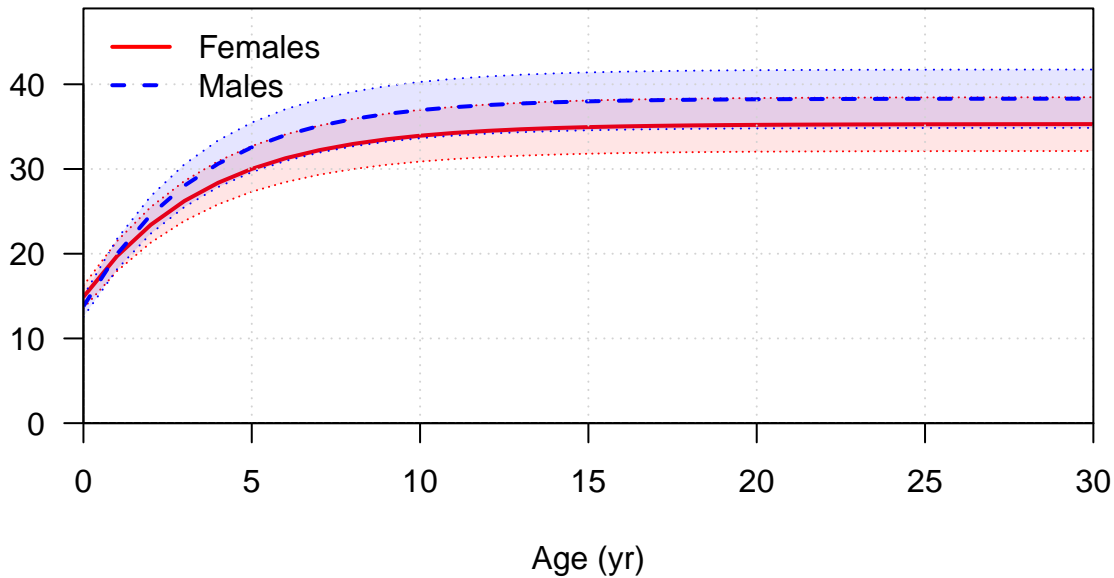
Stock Synthesis version: 3.30.19.0

StartTime: Fri Oct 07 10:50:27 2022

Data_File: data.ss

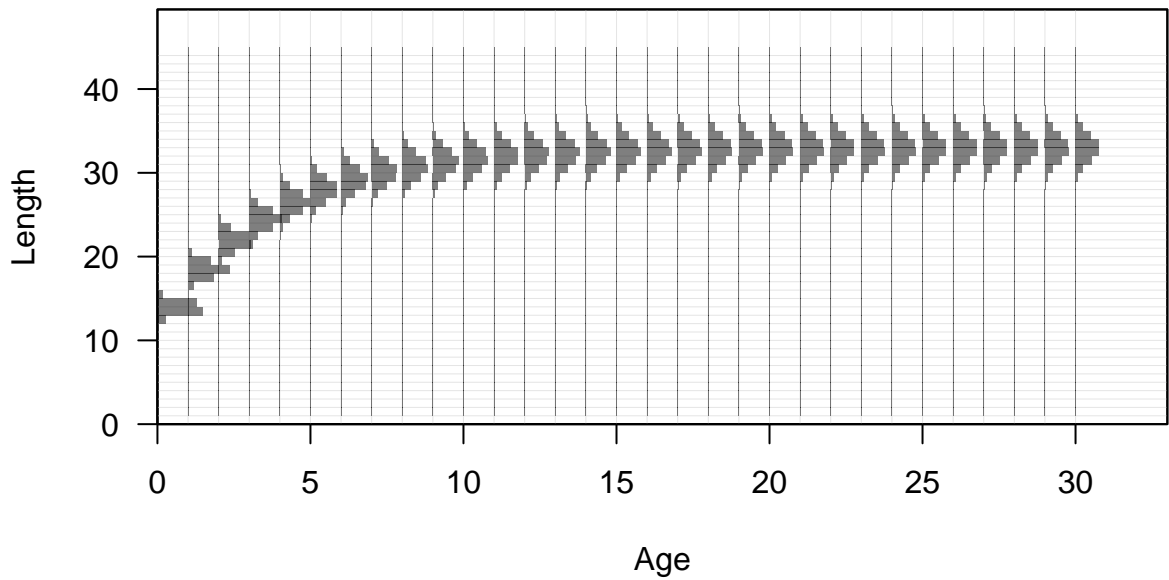
Control_File: control.ss

Length (cm, beginning of the year)





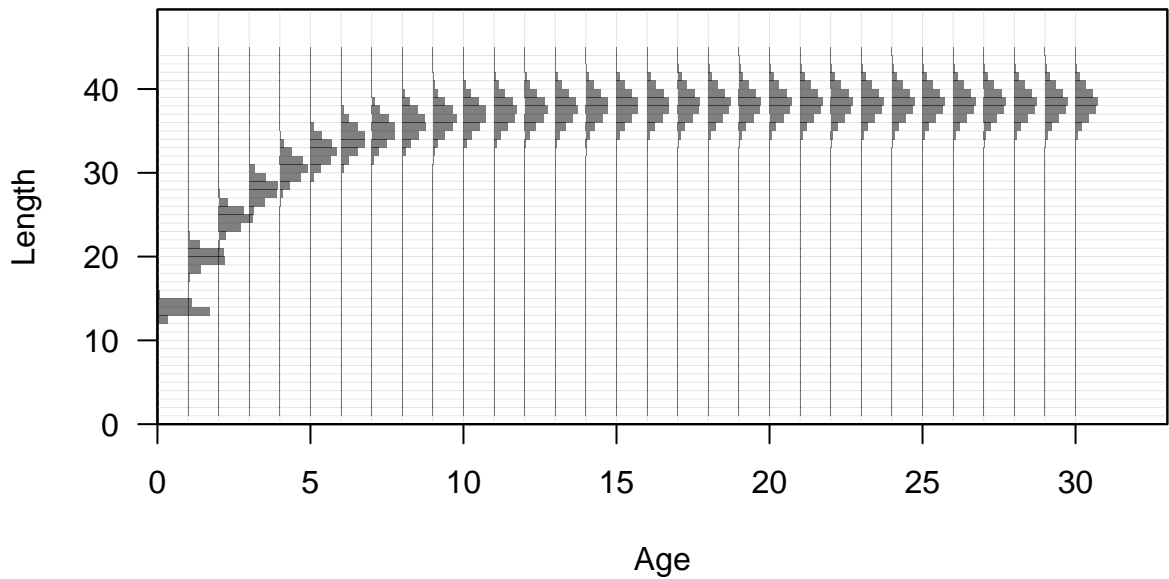














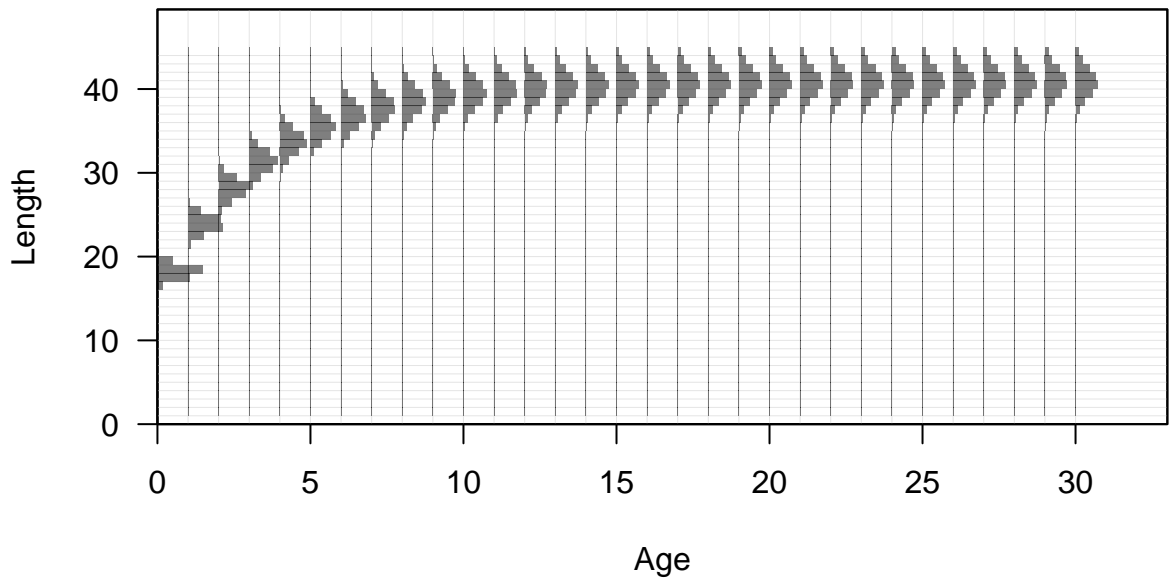










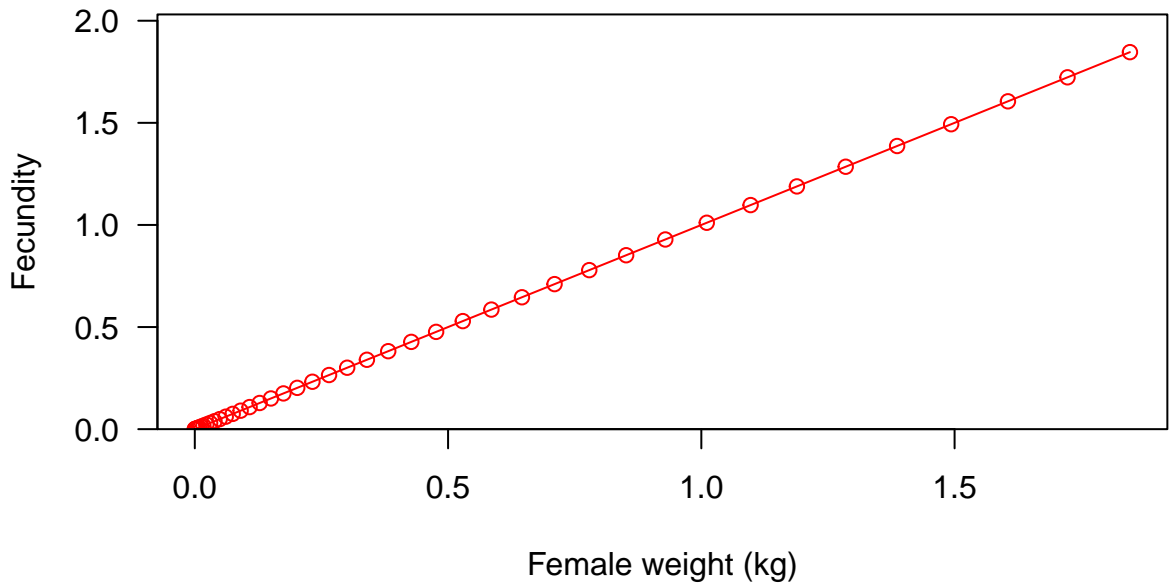






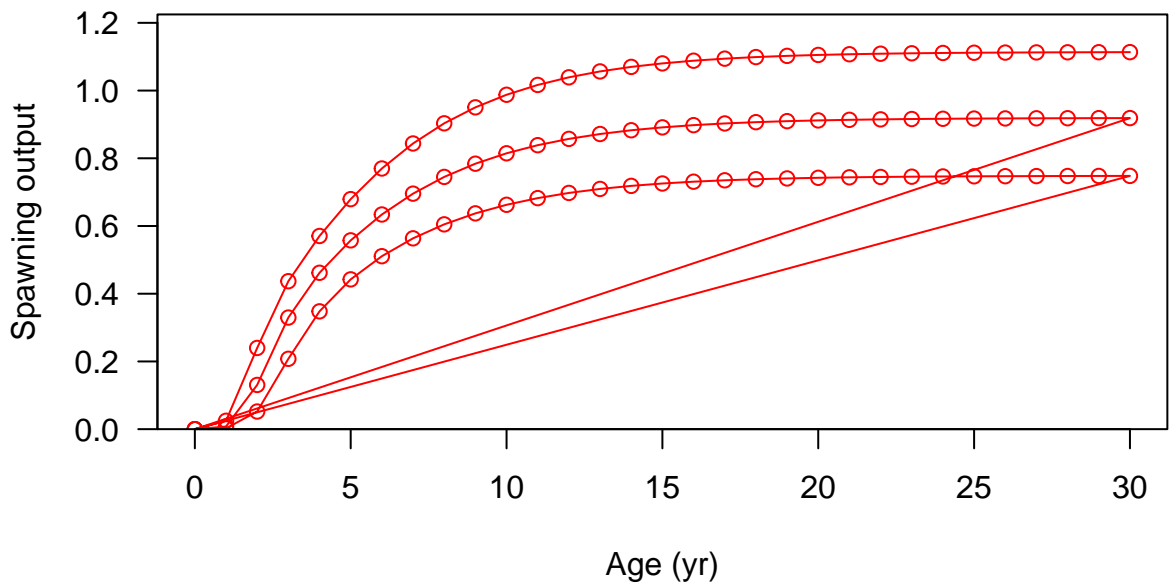




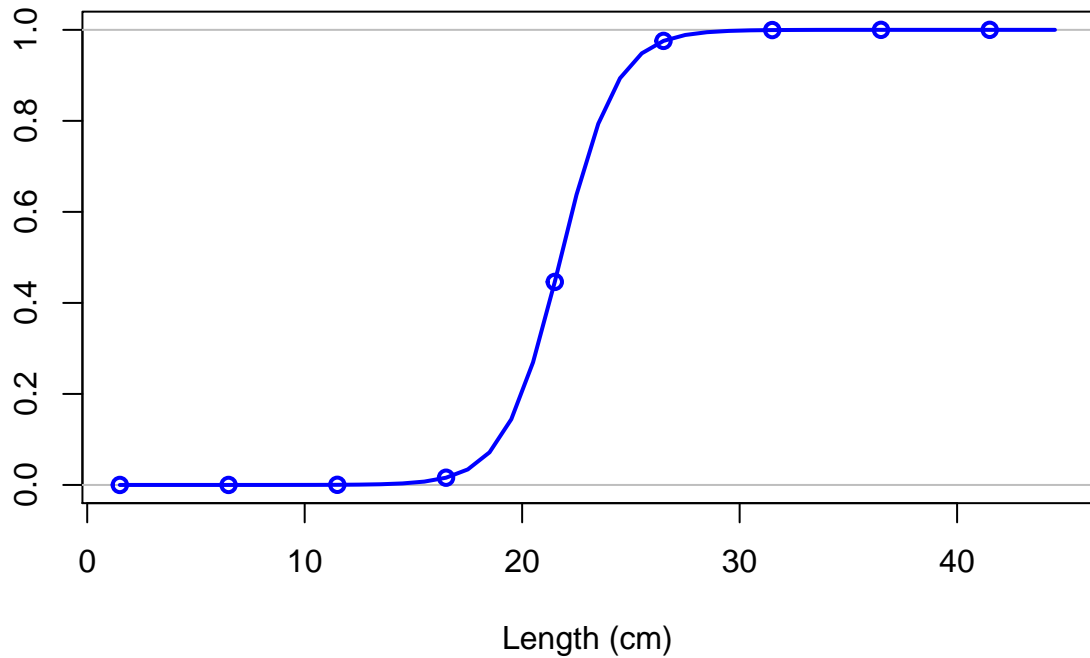




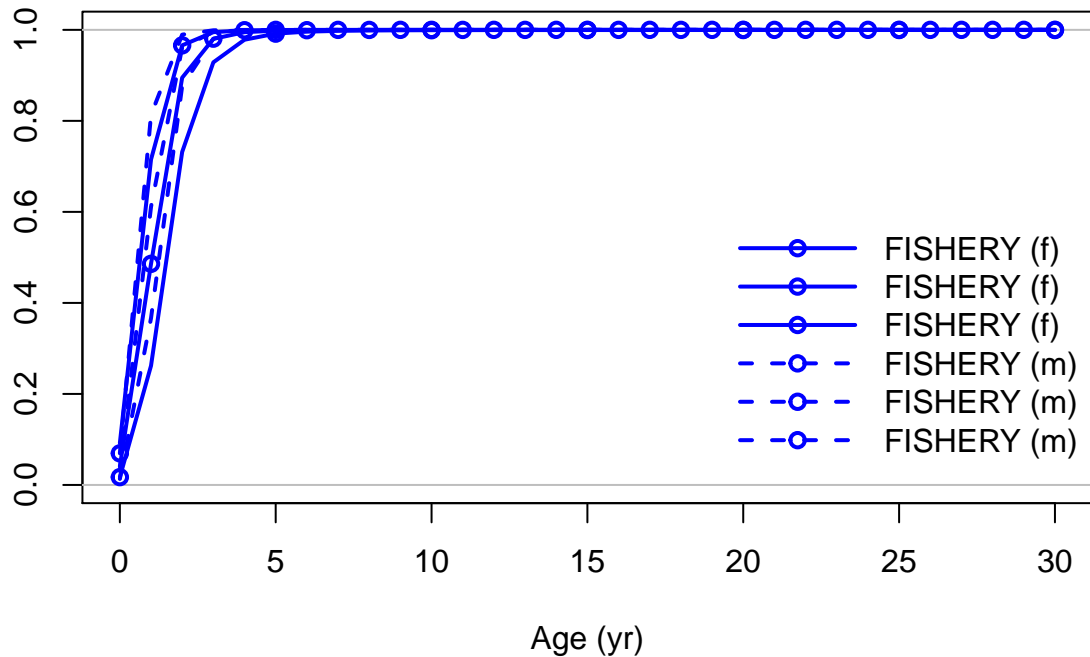




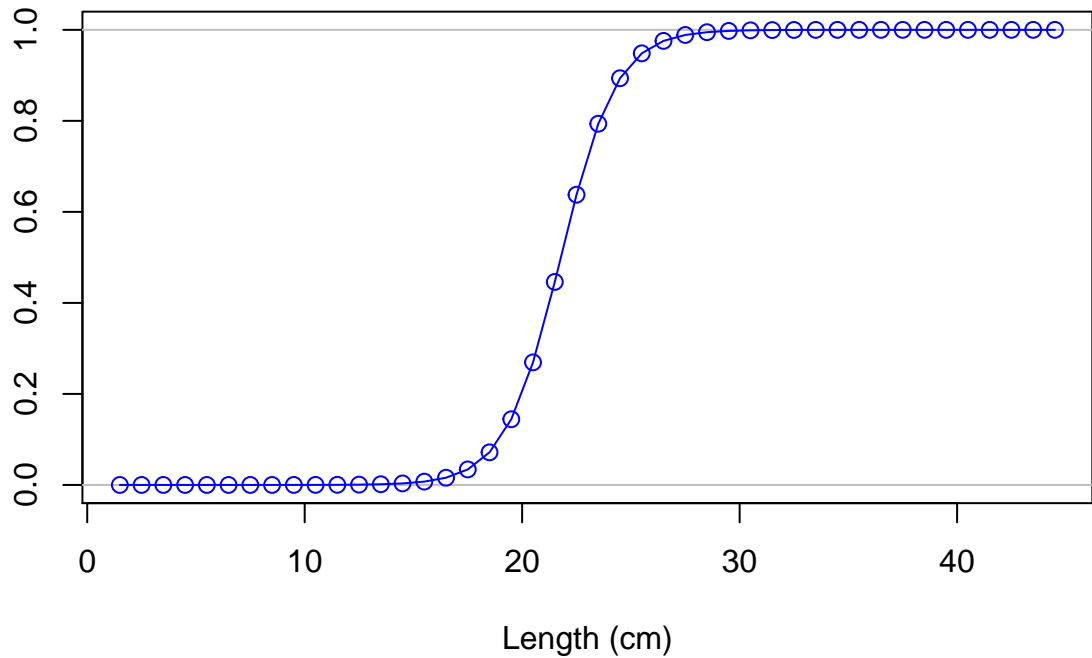
Selectivity



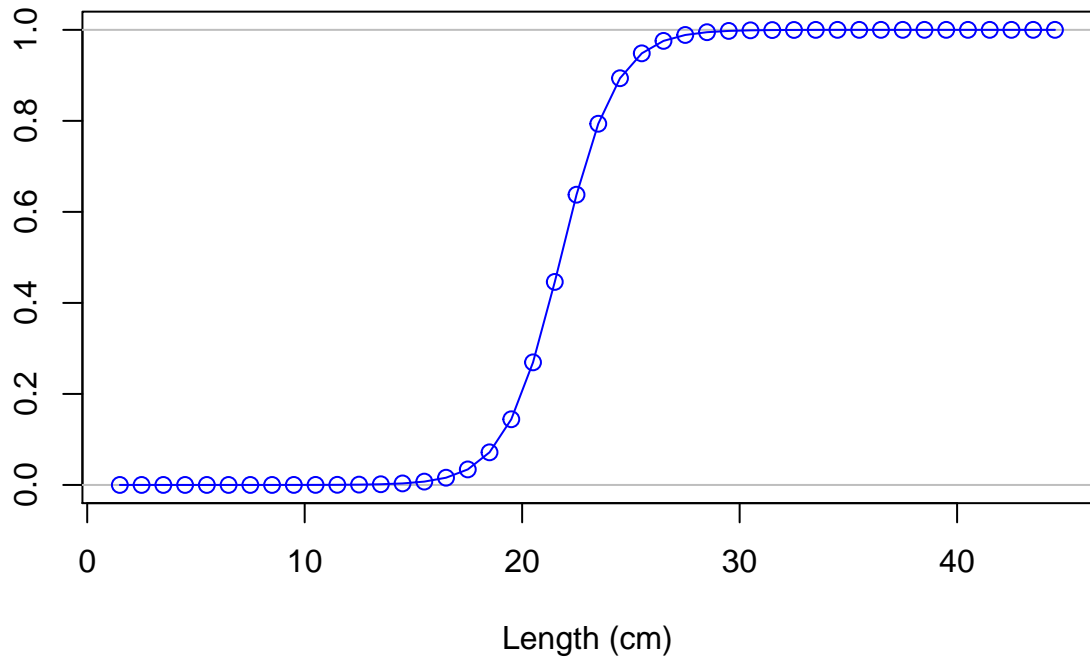
Selectivity

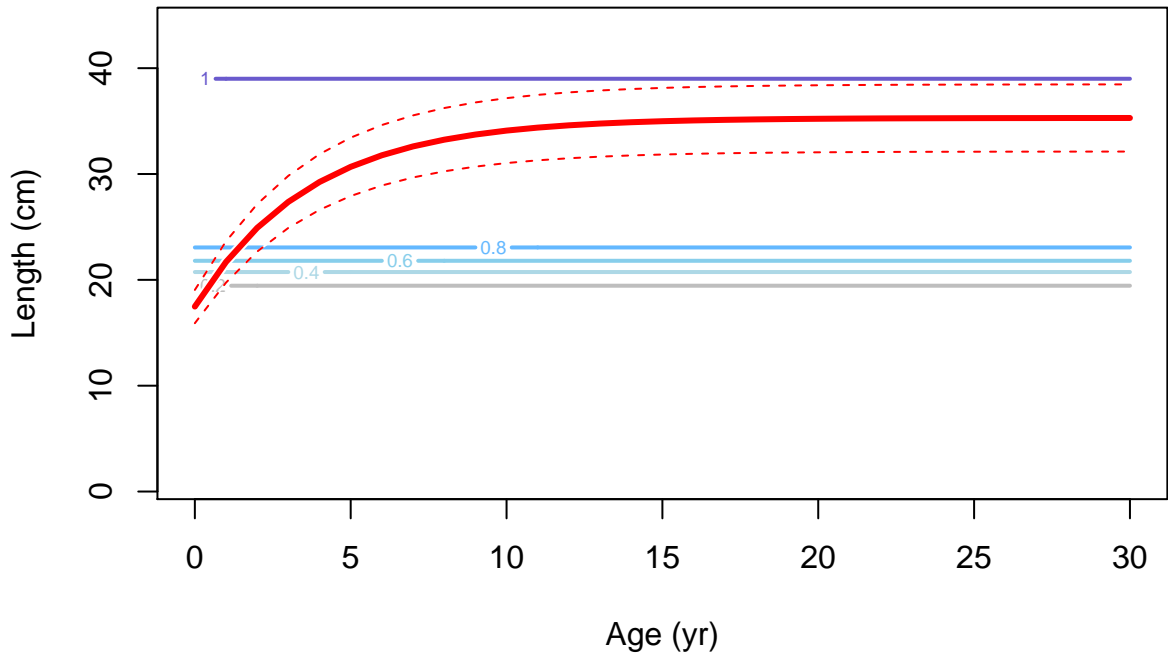


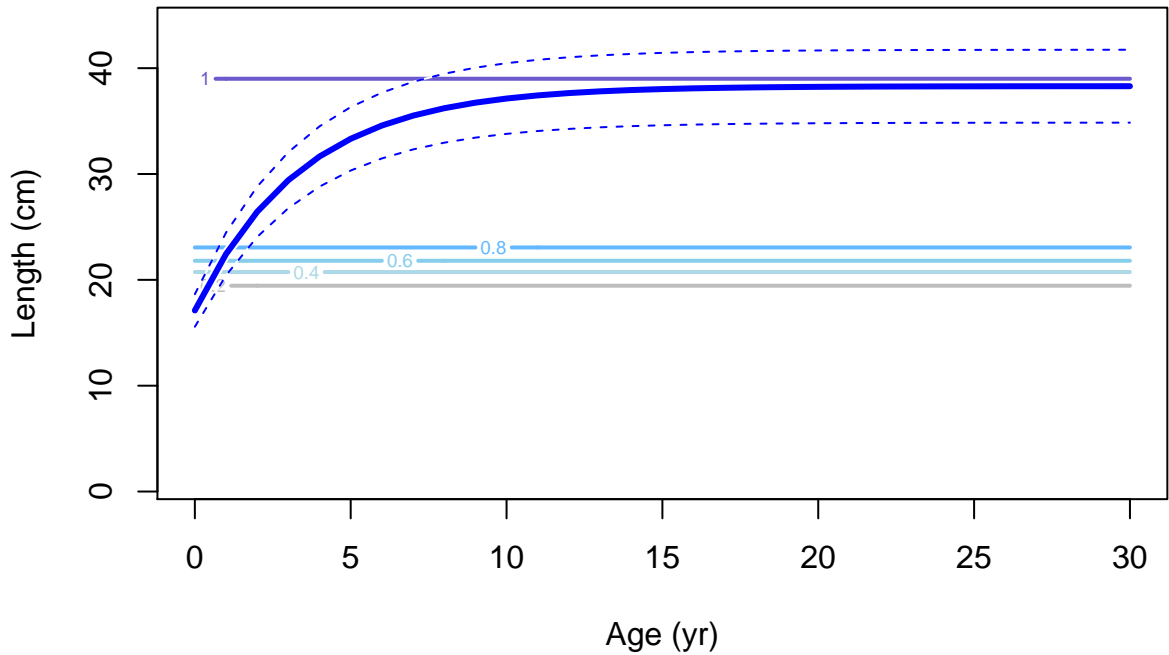
Selectivity

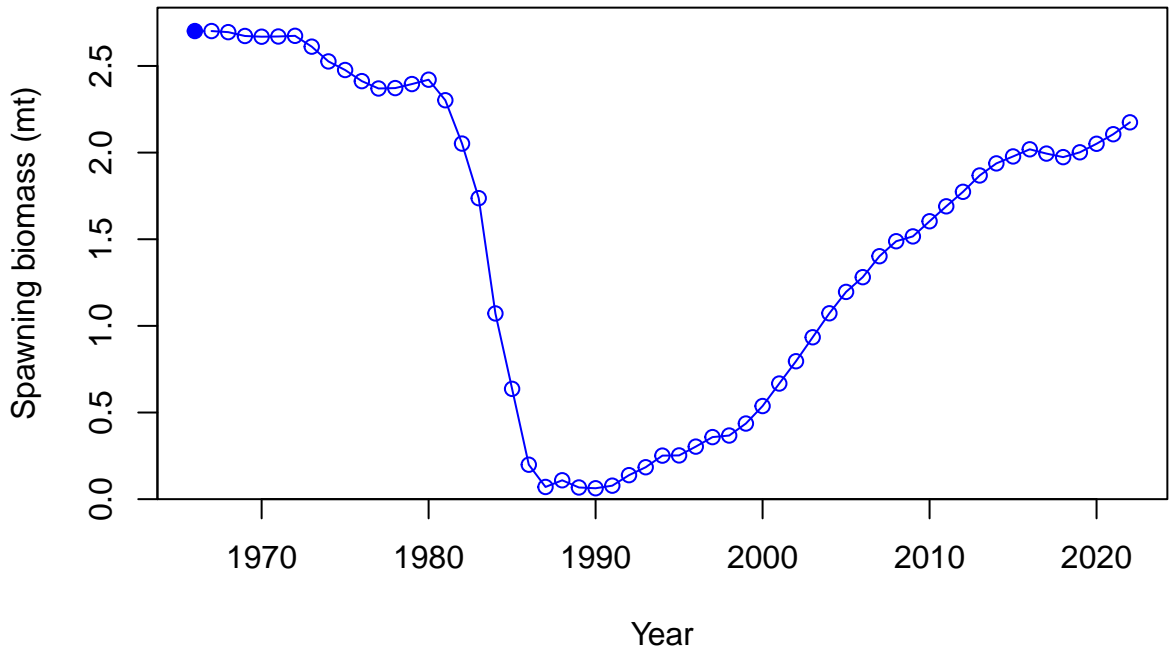


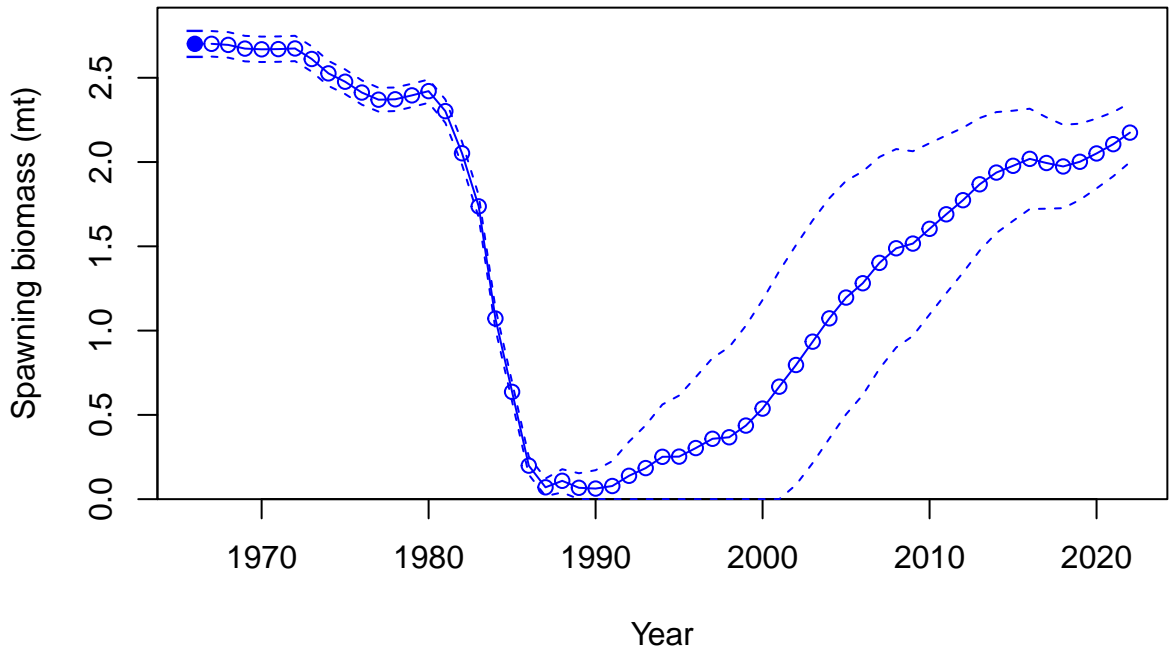
Selectivity



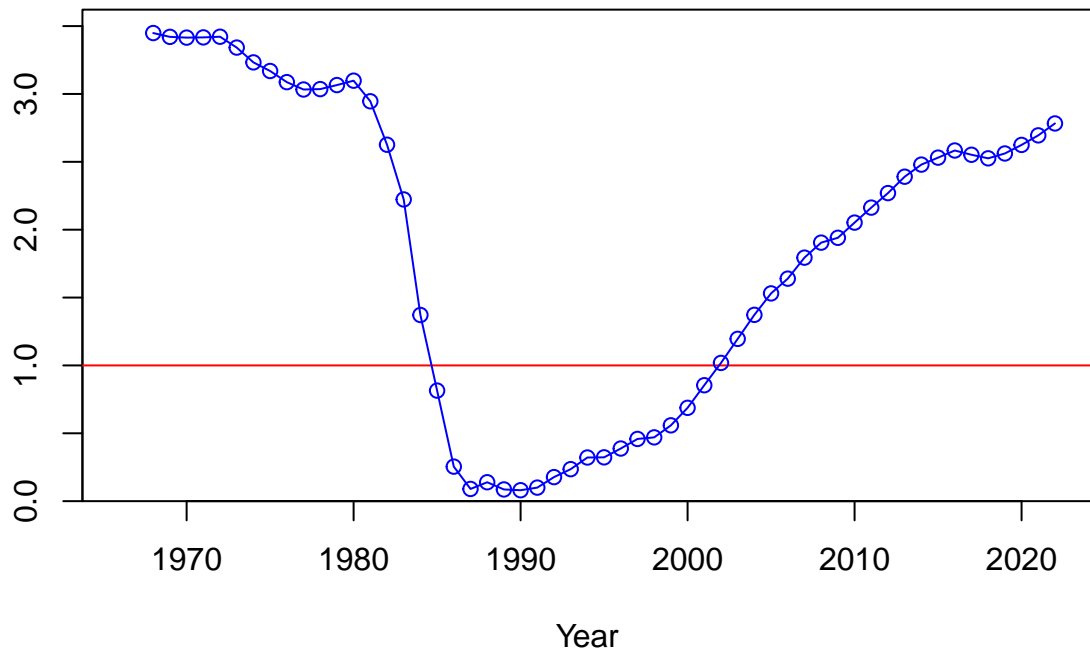




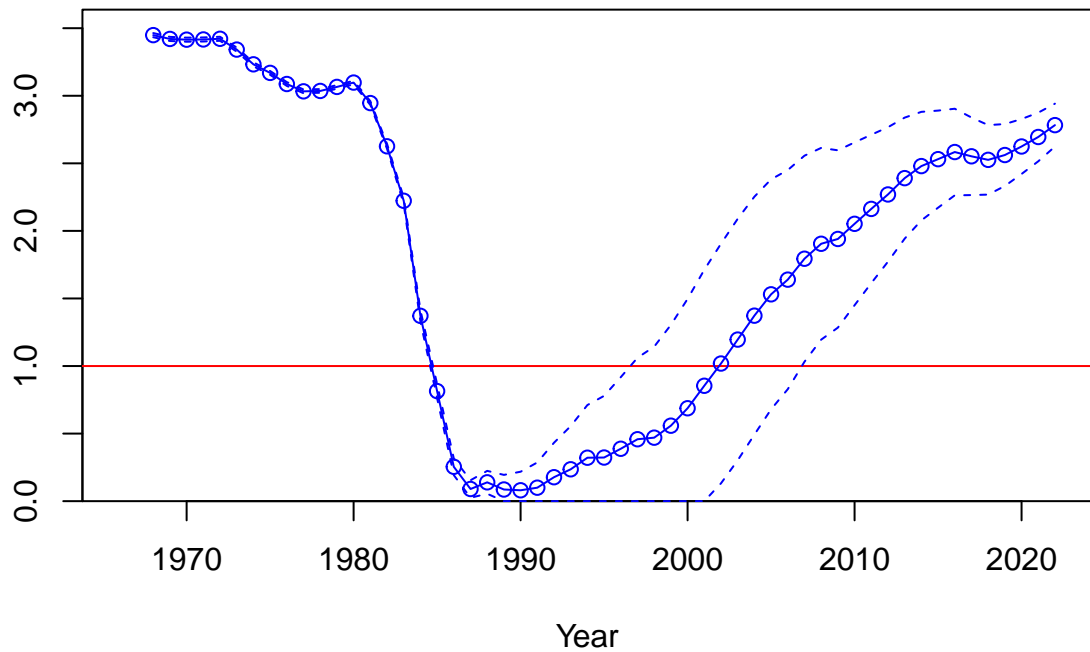


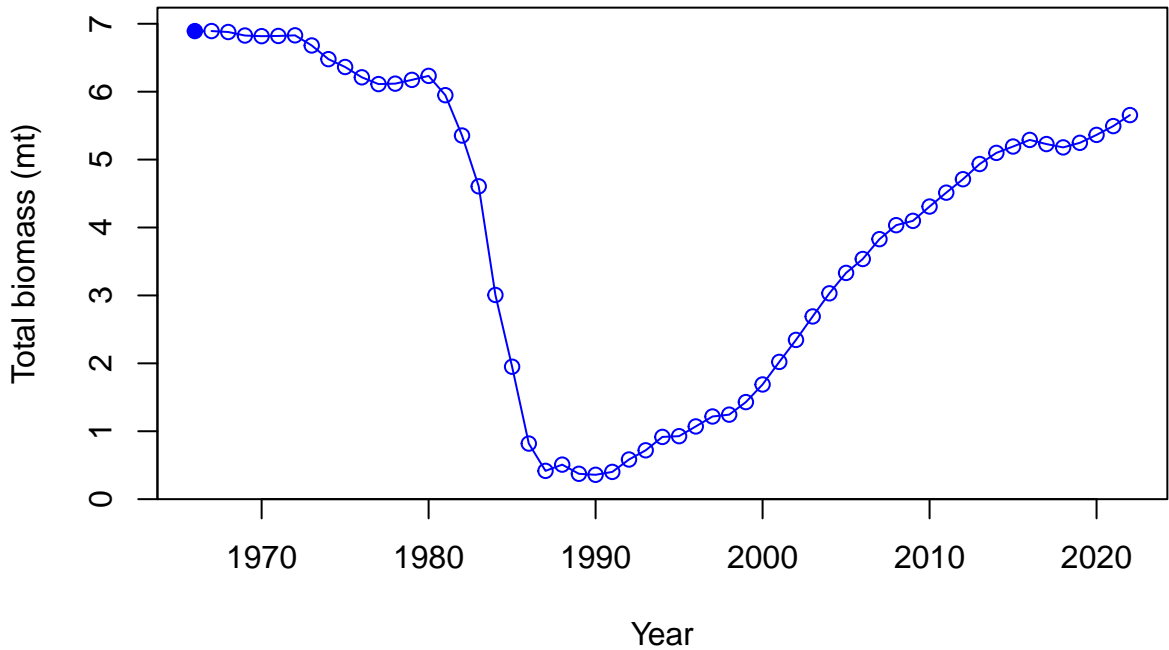


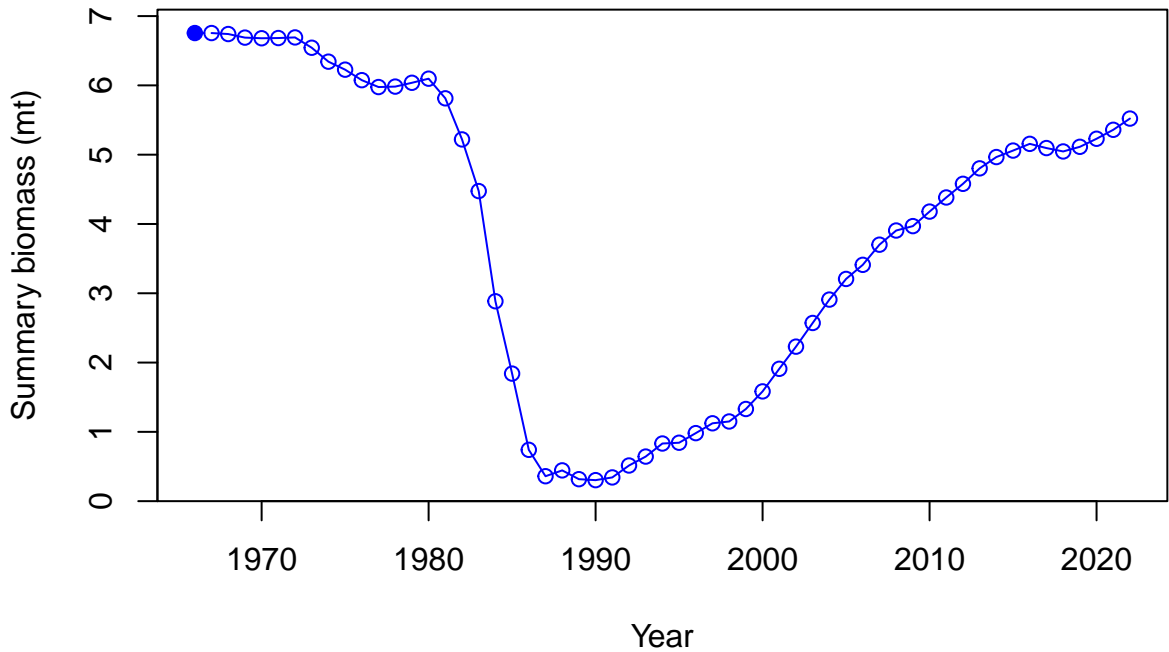
Relative spawning biomass: B/B_{MSY}

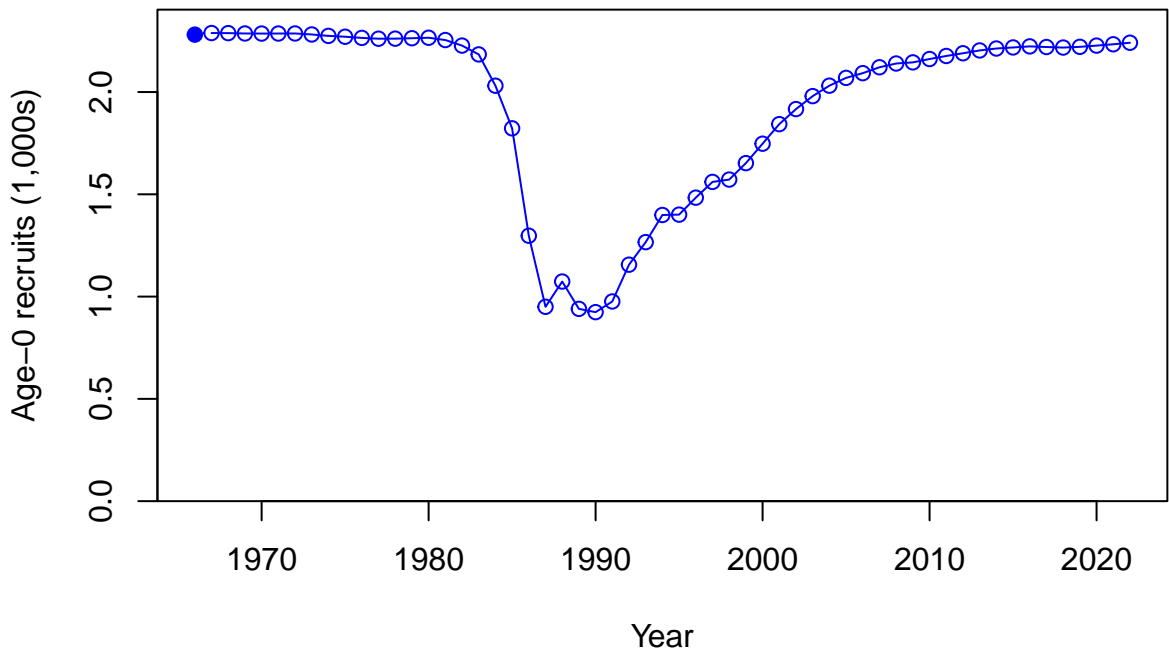


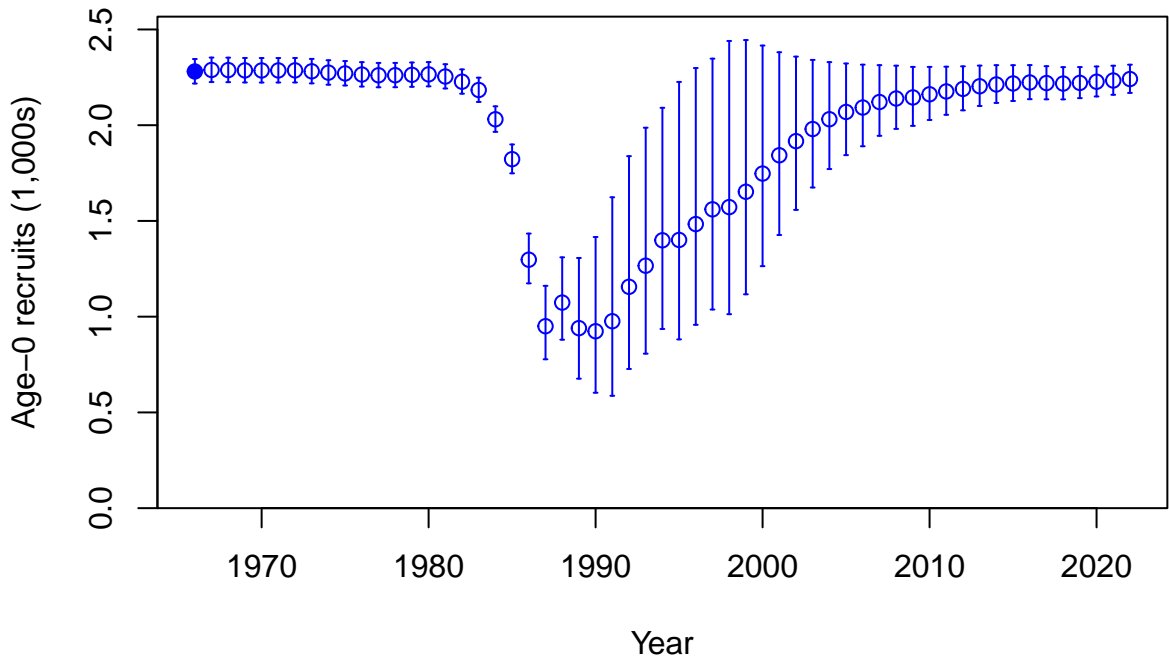
Relative spawning biomass: B/B_{MSY}



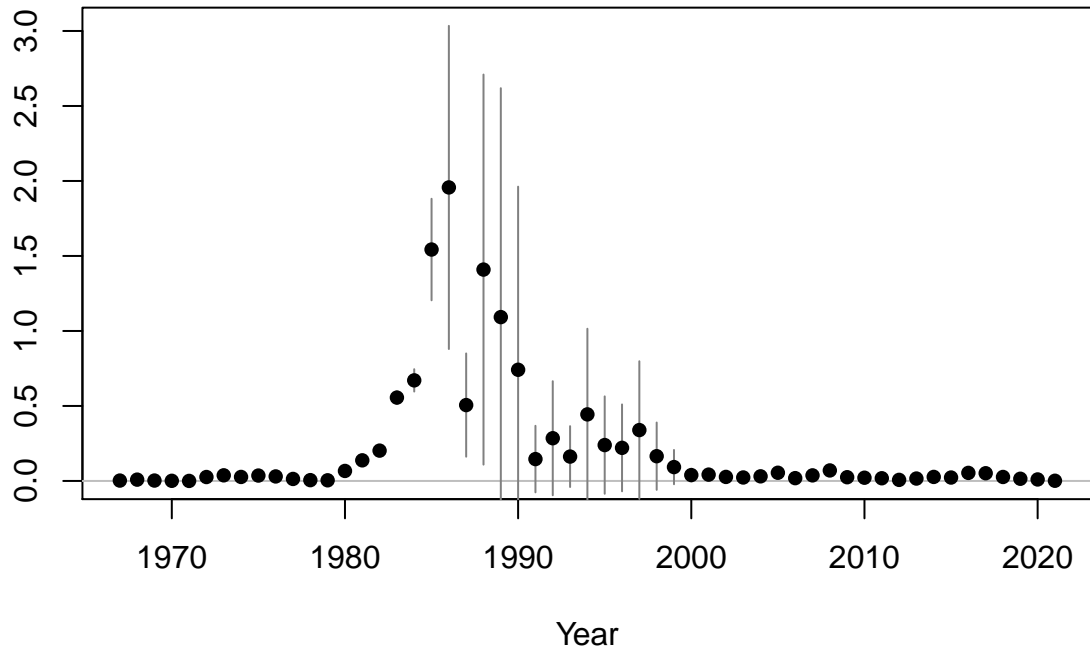


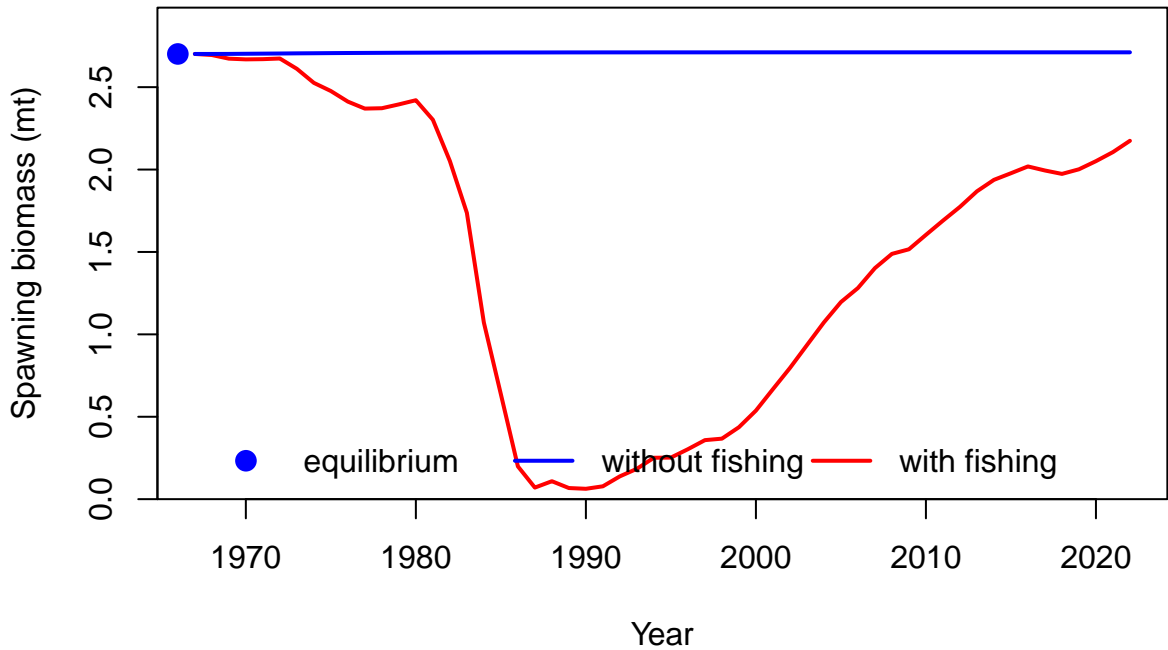


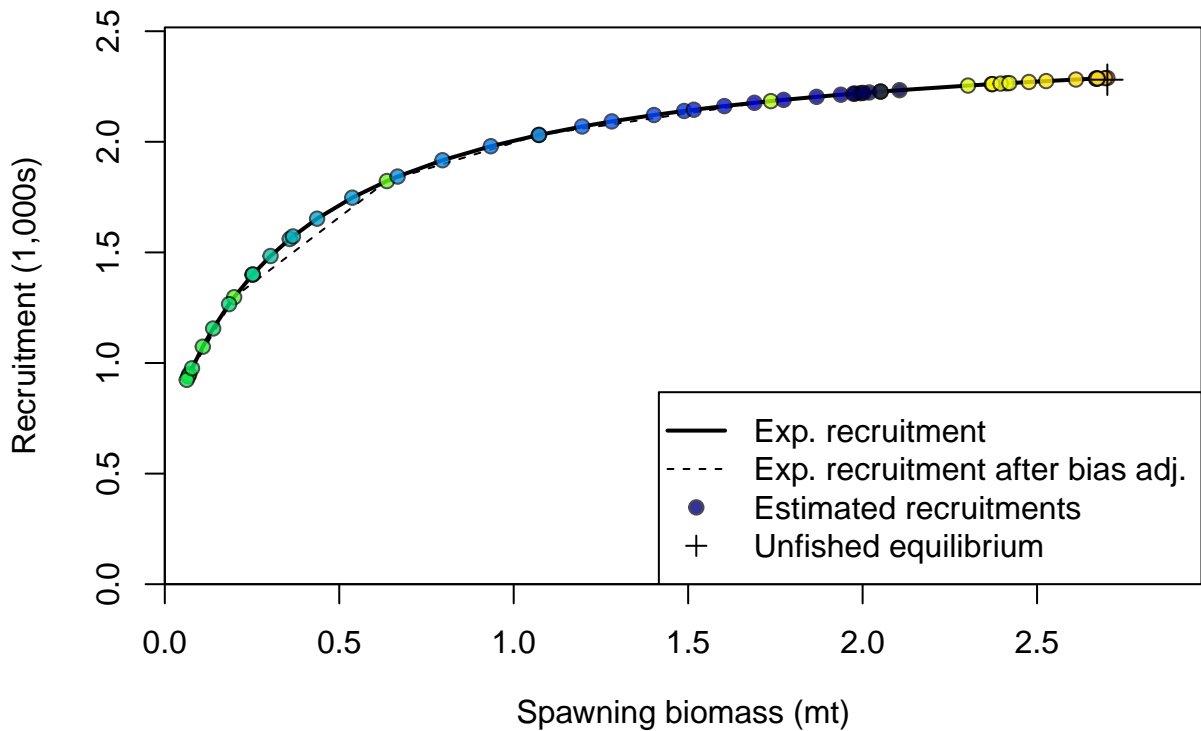


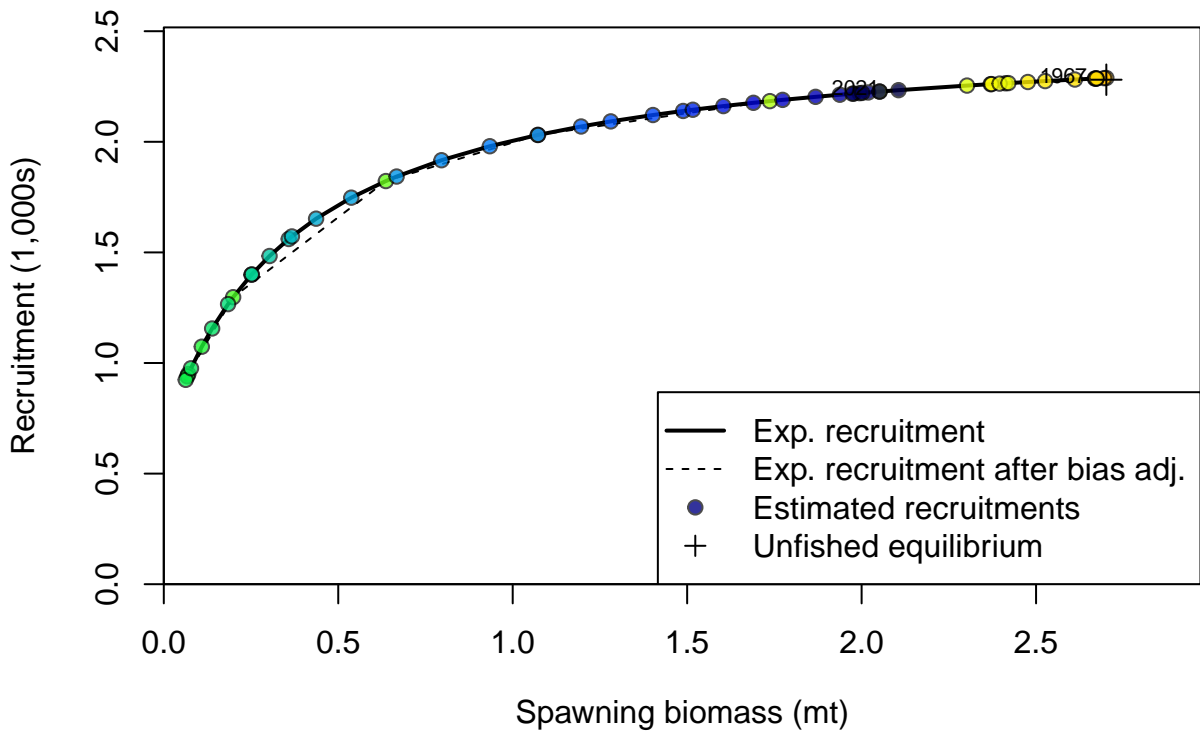


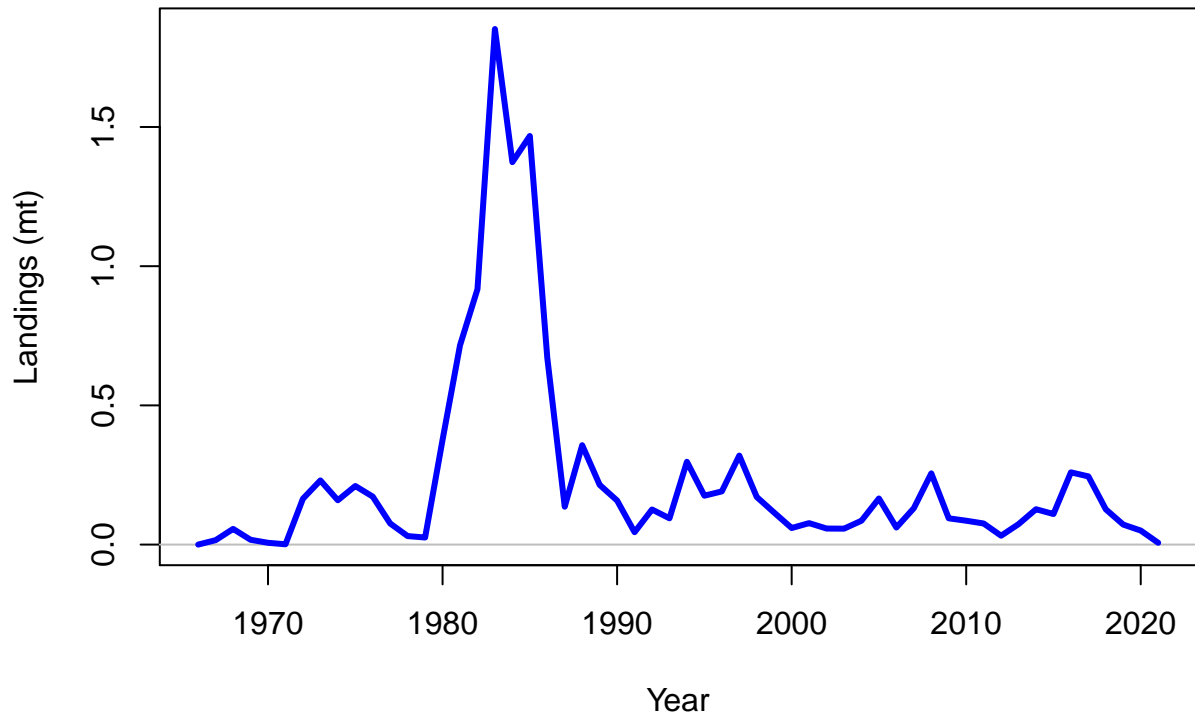
Summary Fishing Mortality

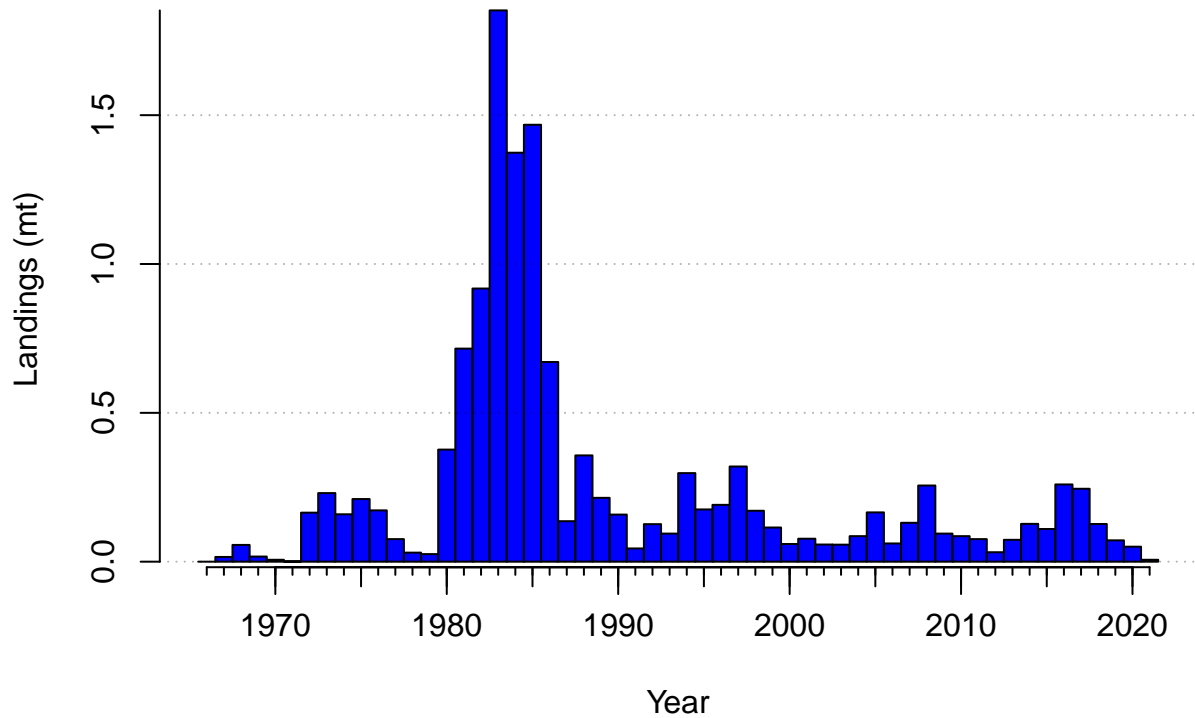


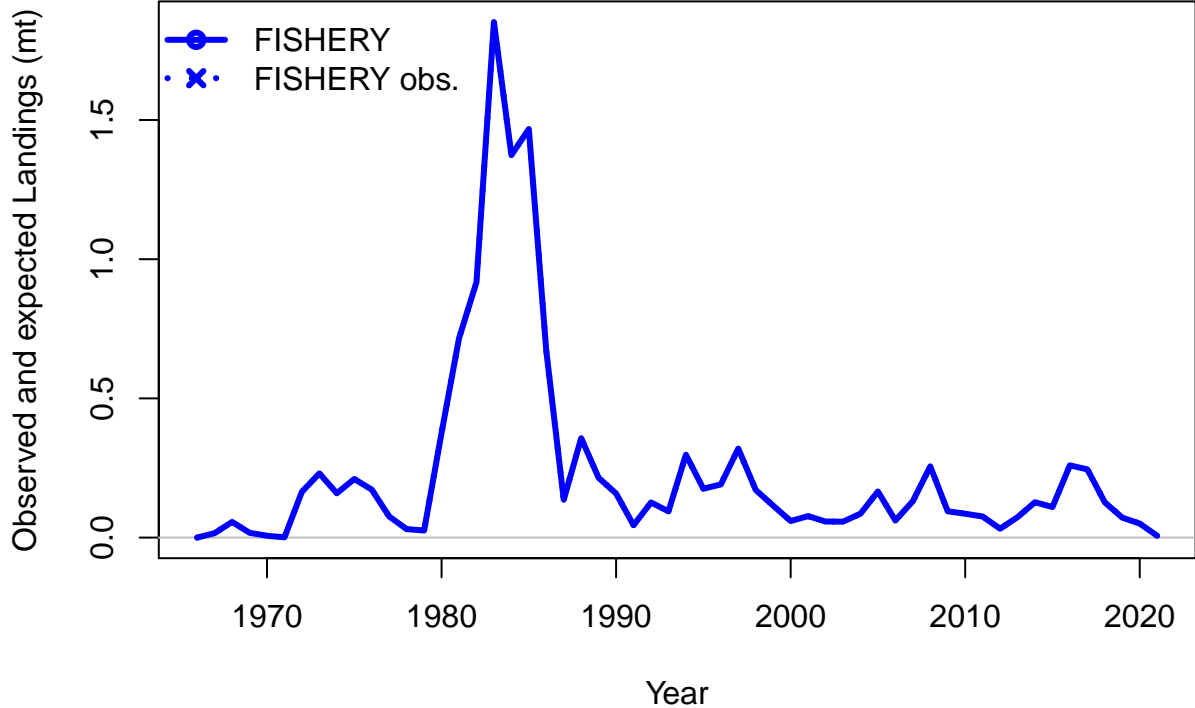




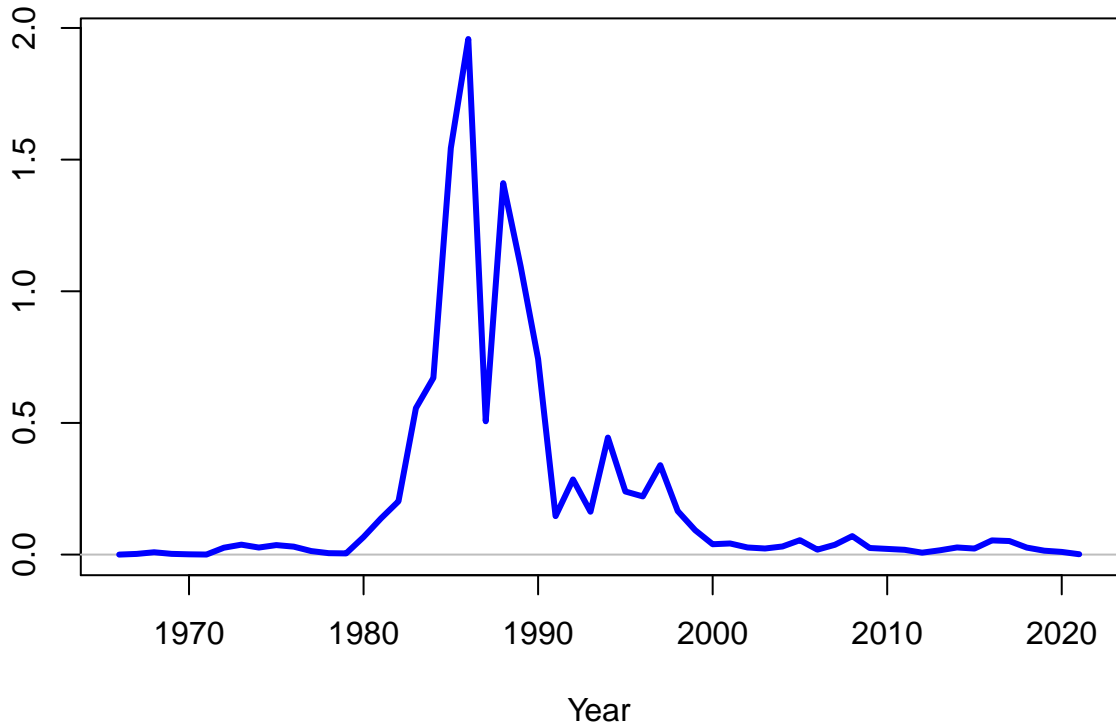




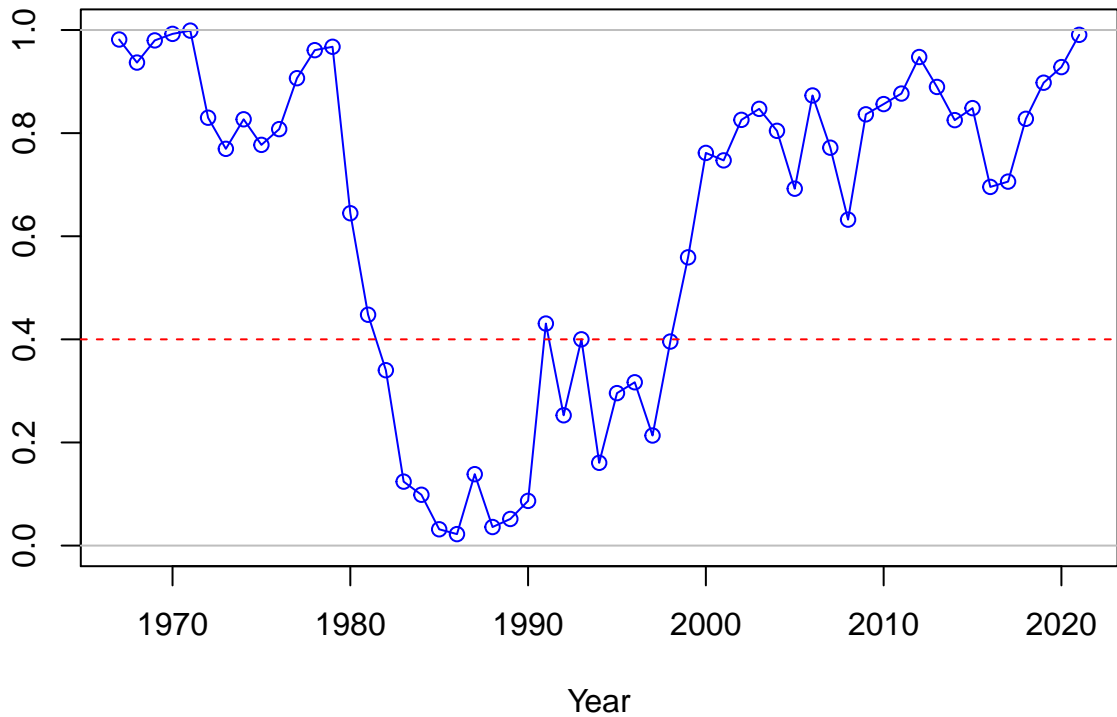




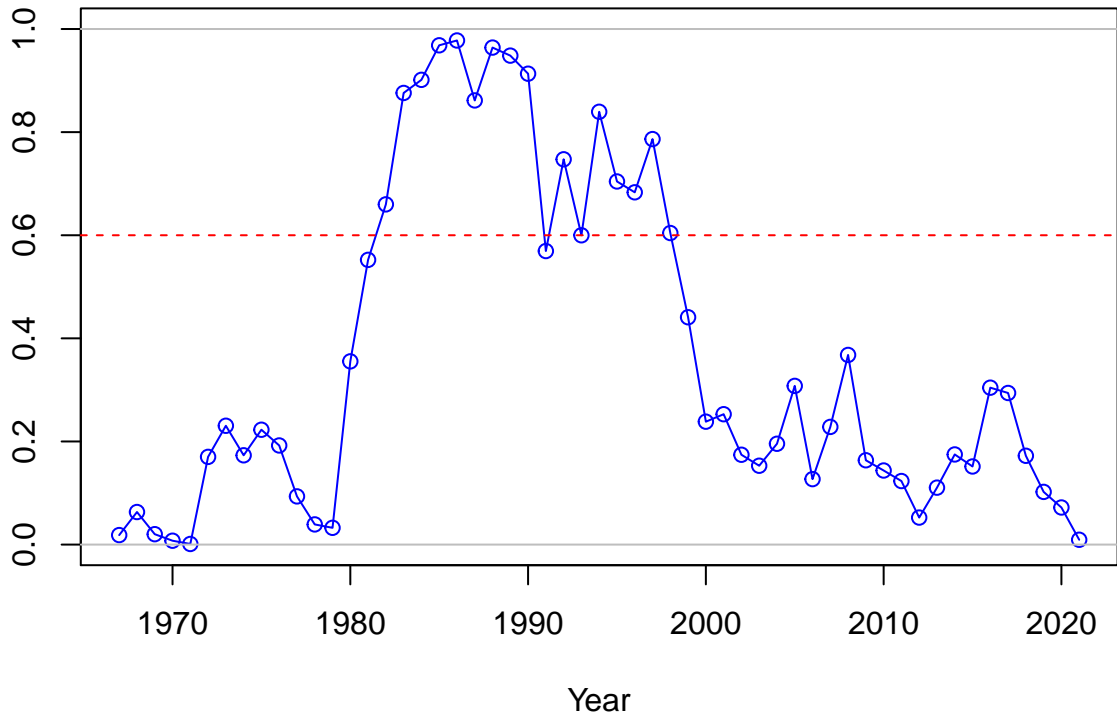
Continuous F



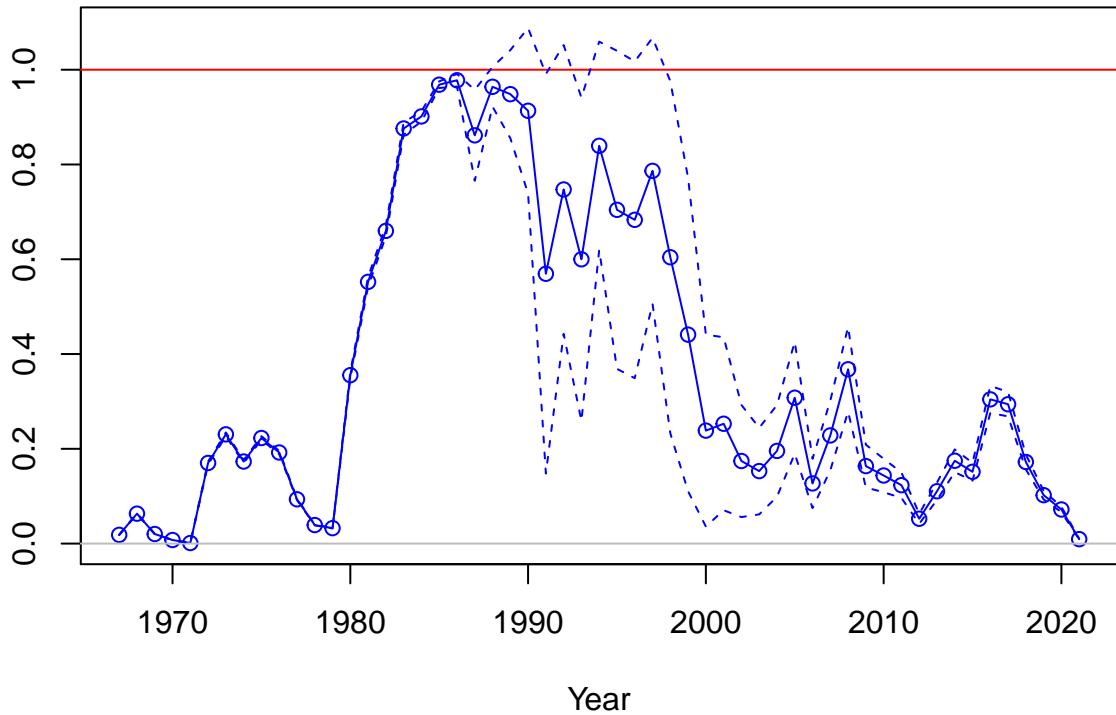
SPR



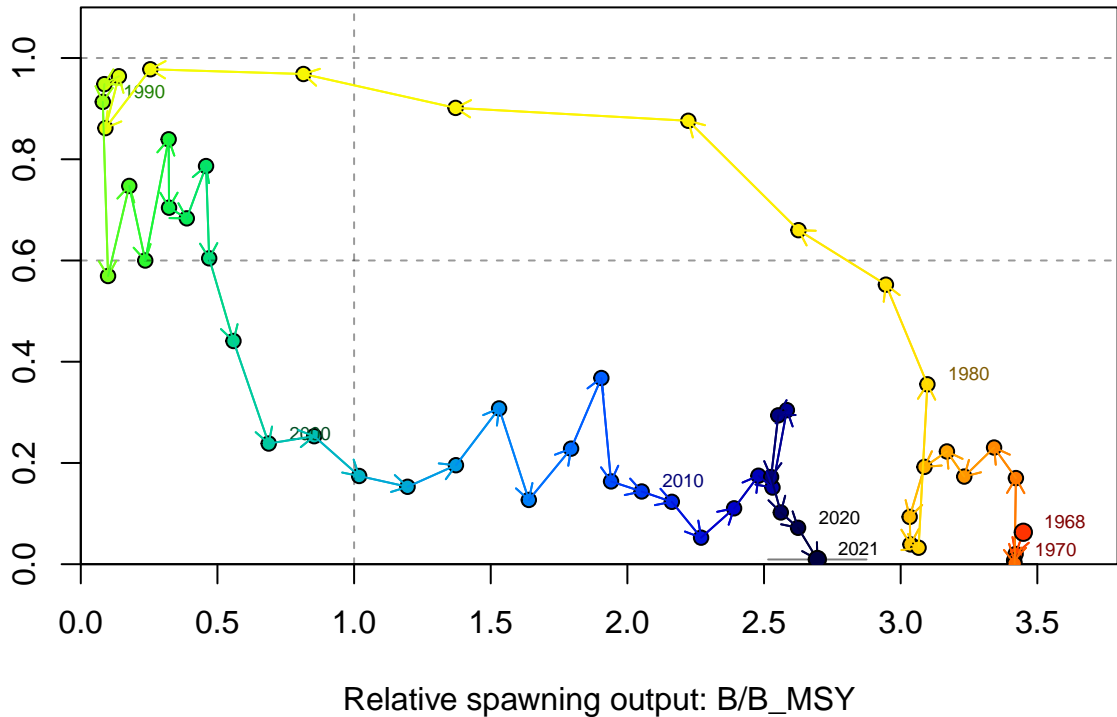
1-SPR



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

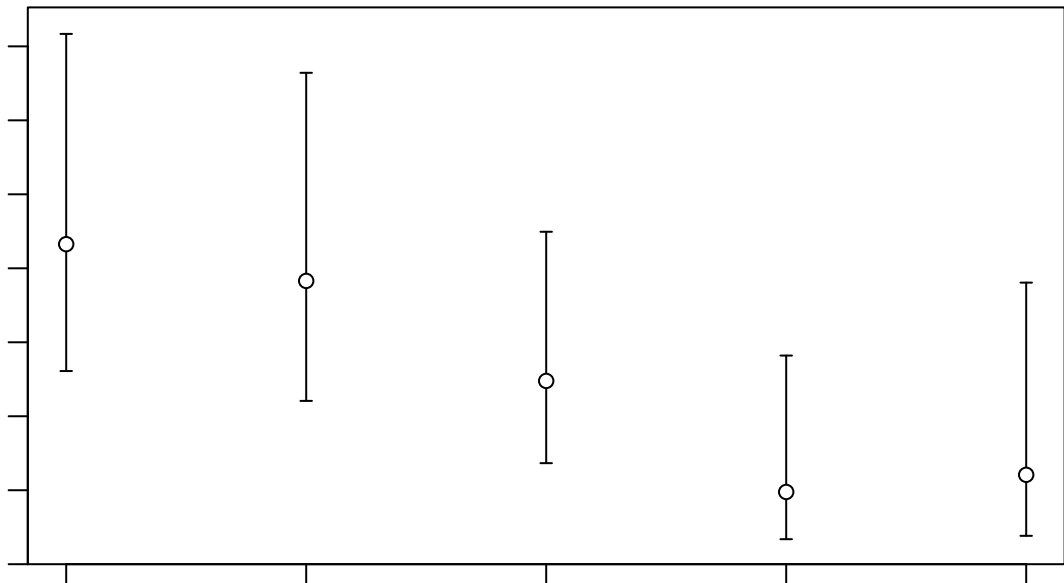
2017

2018

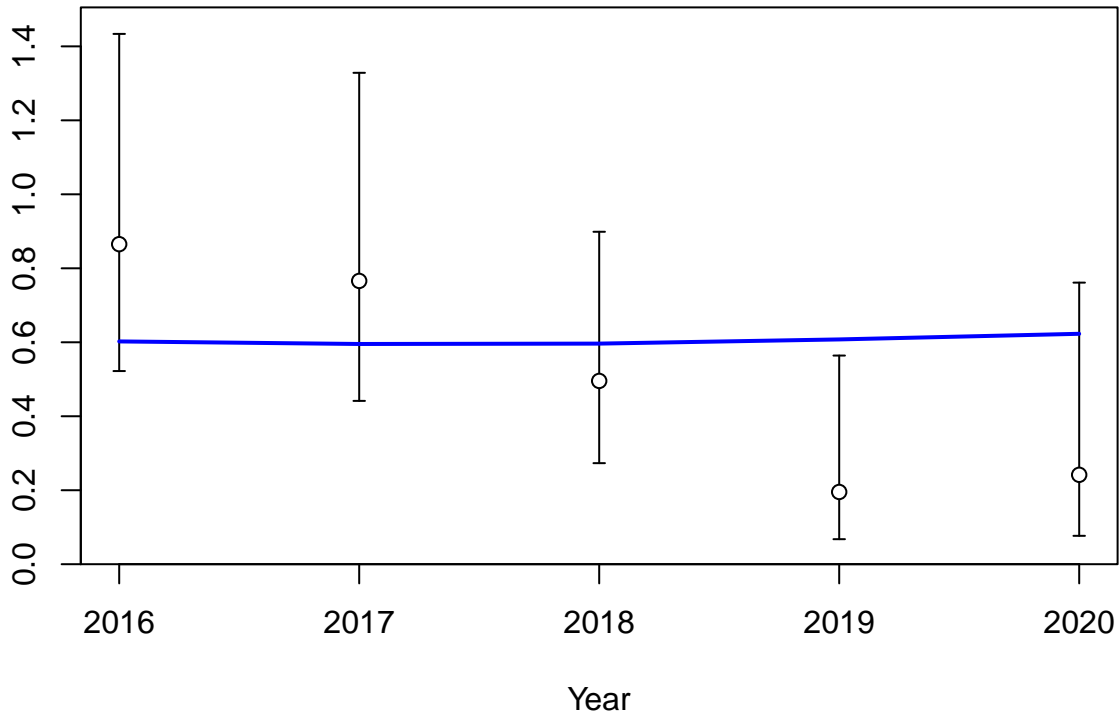
2019

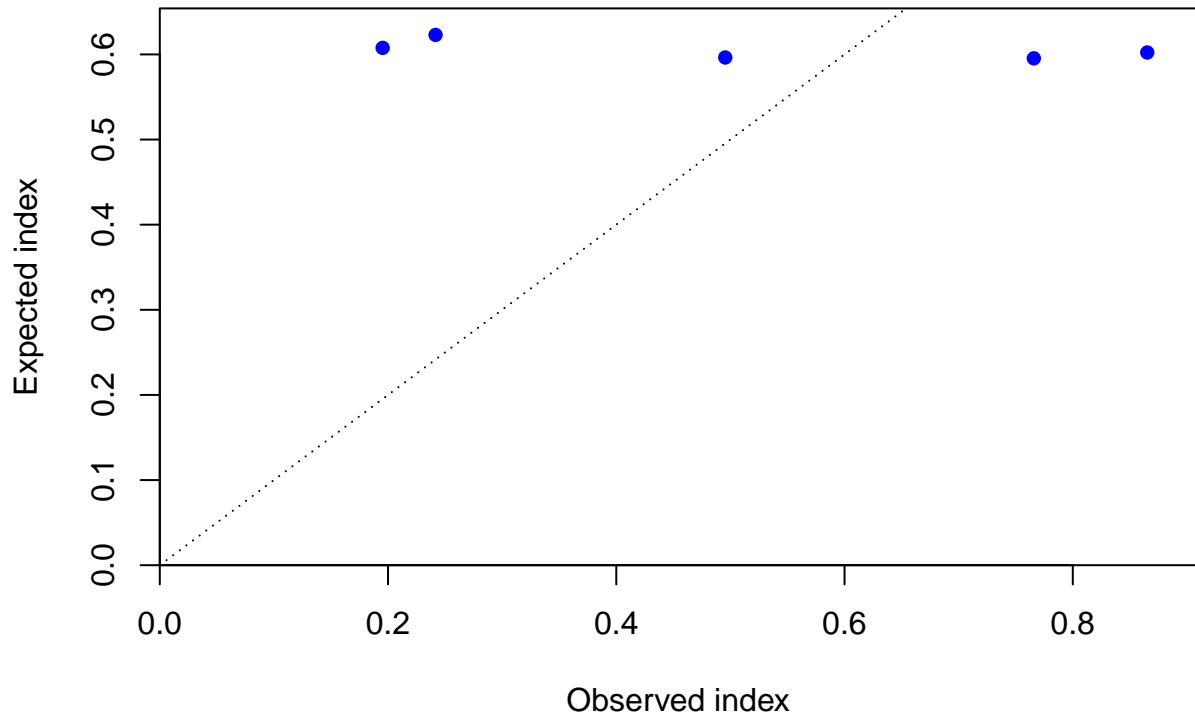
2020

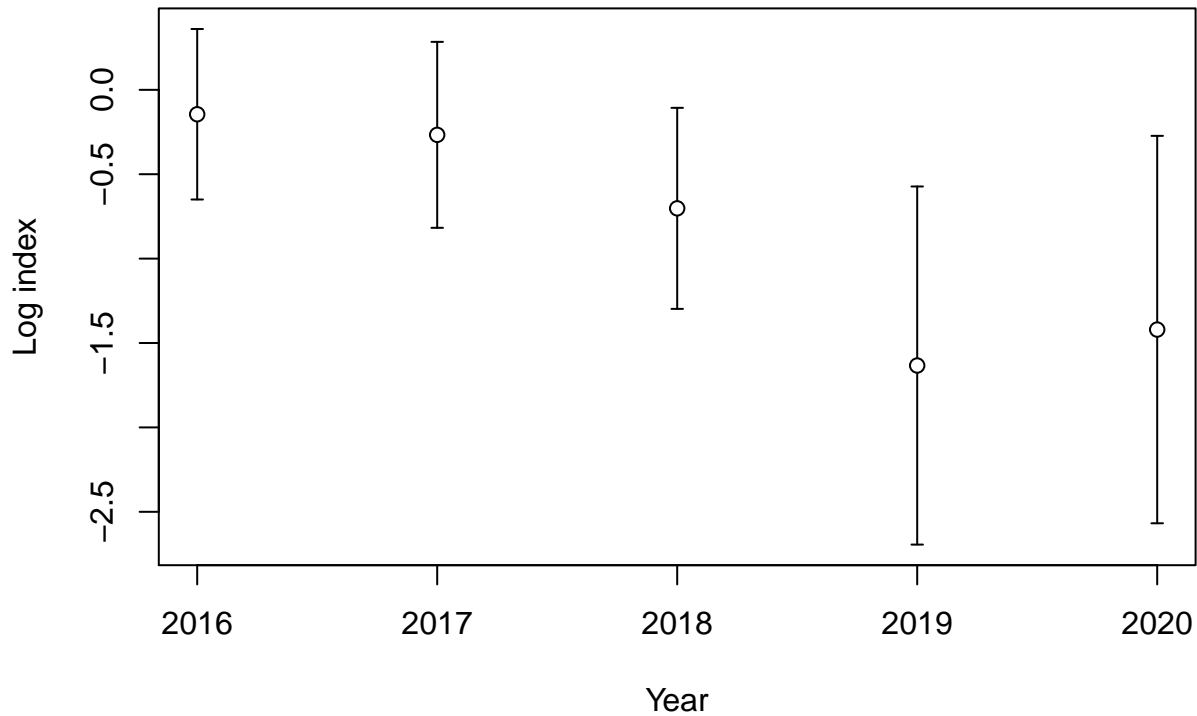
Year

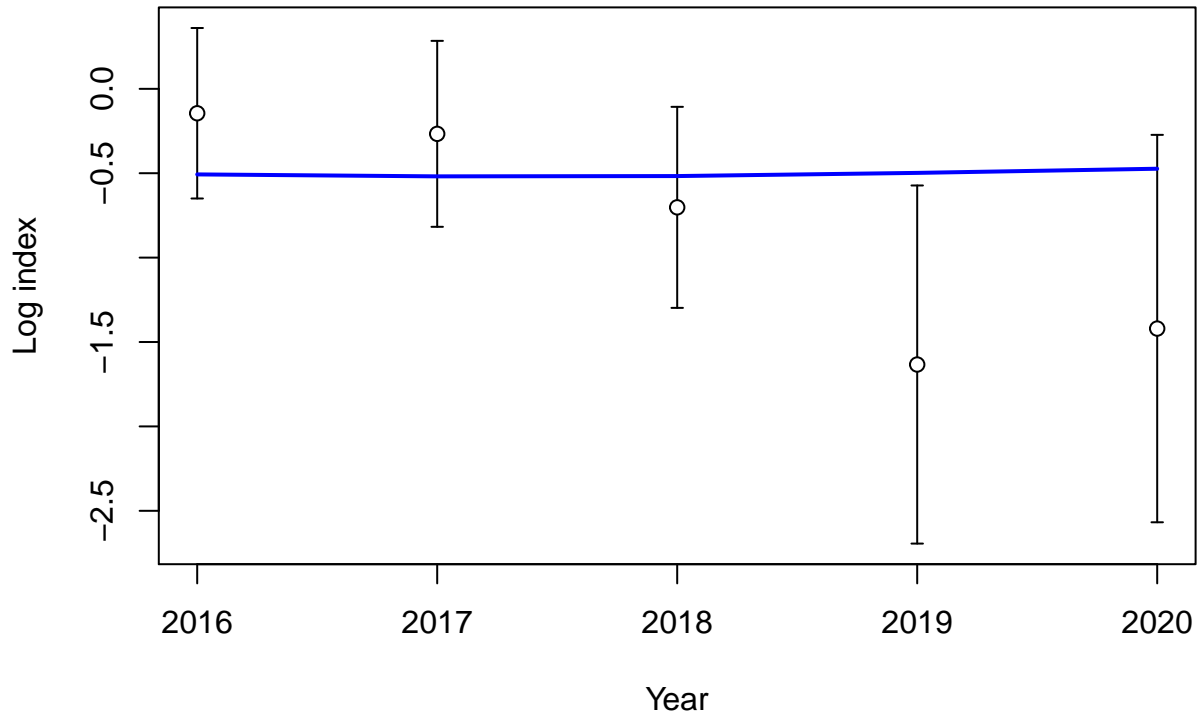


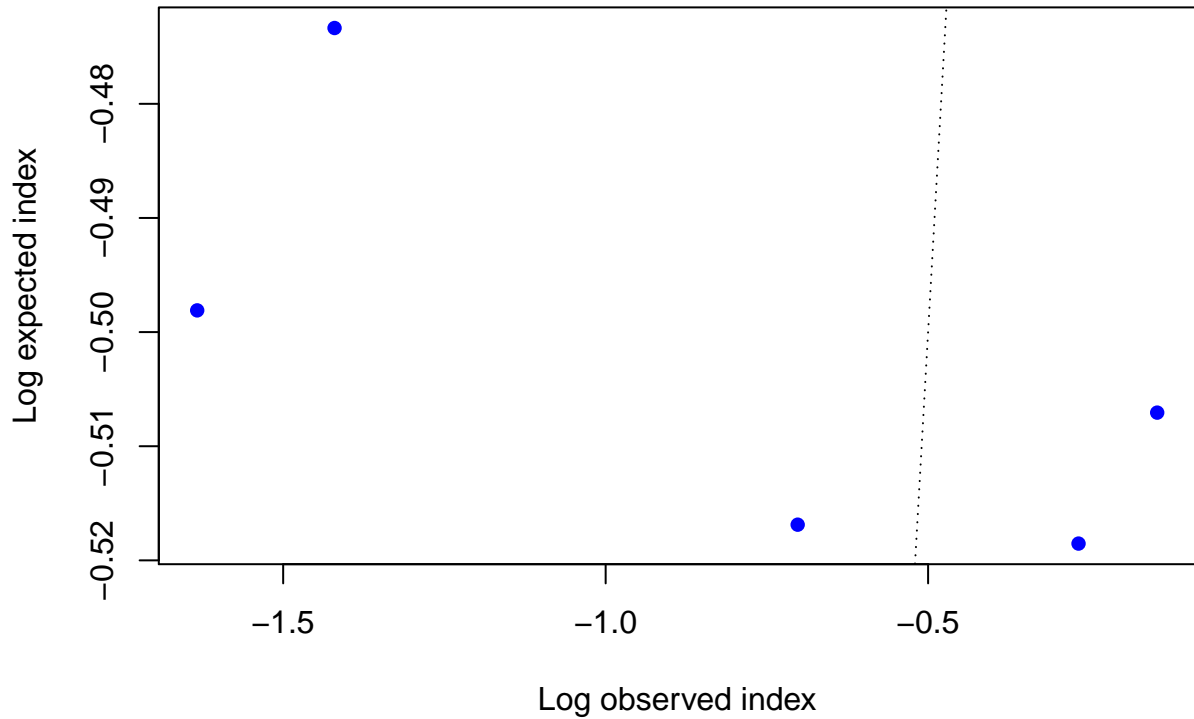
Index



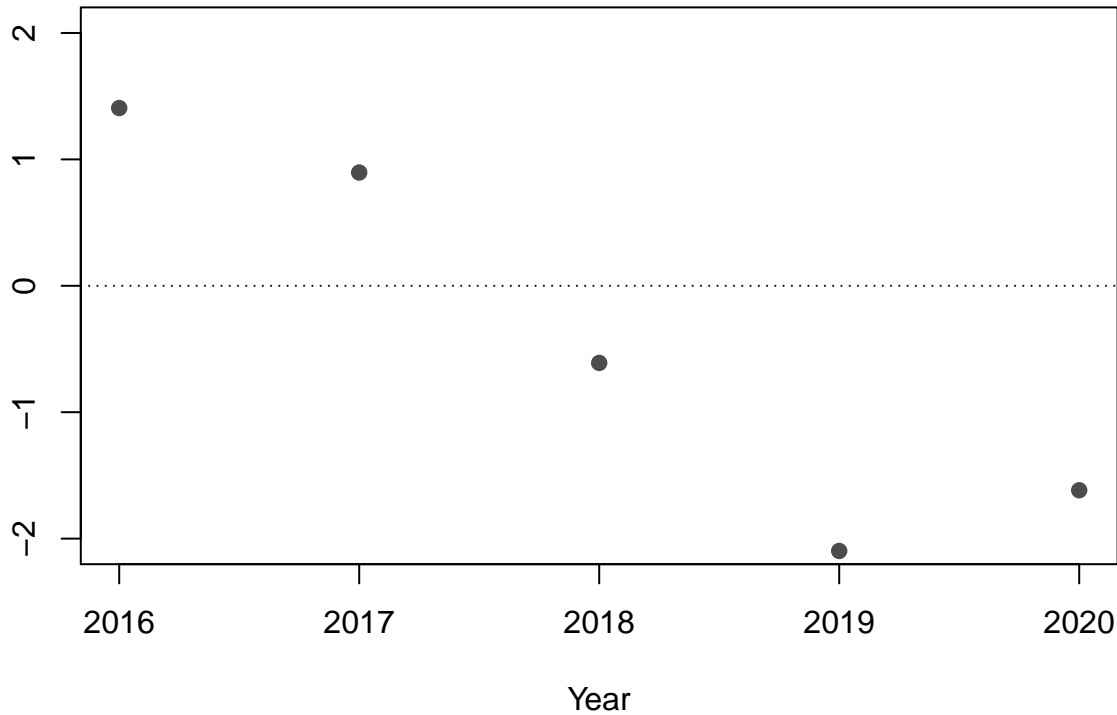


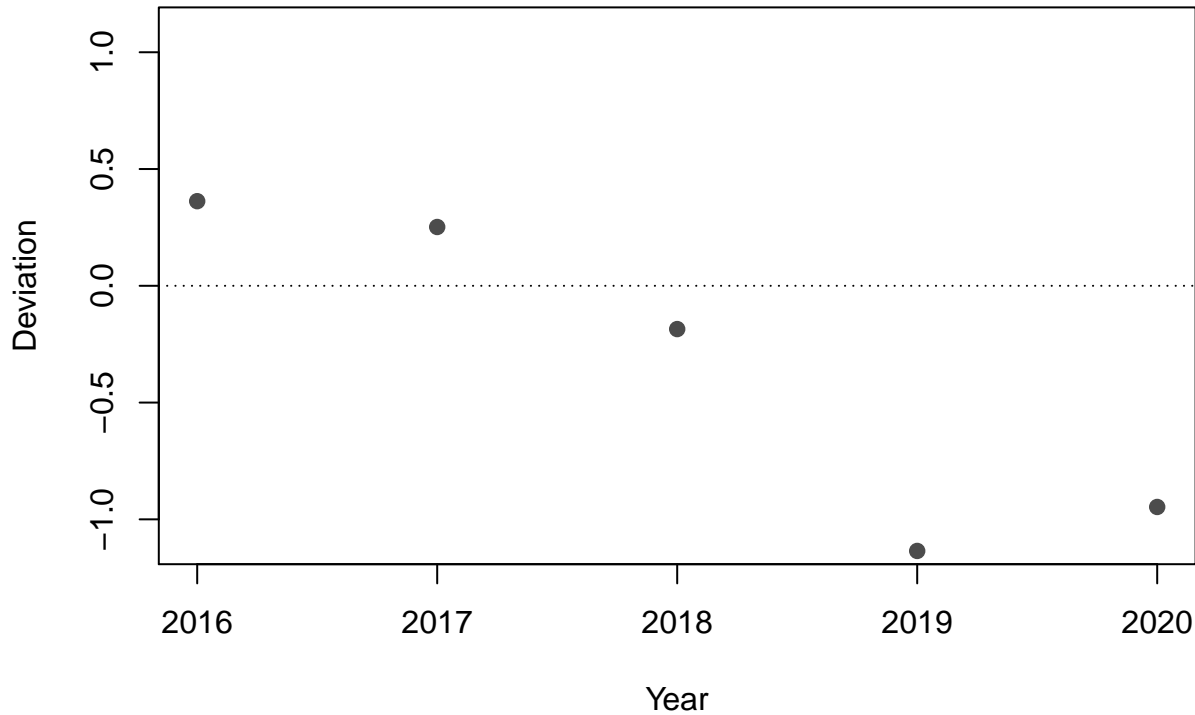




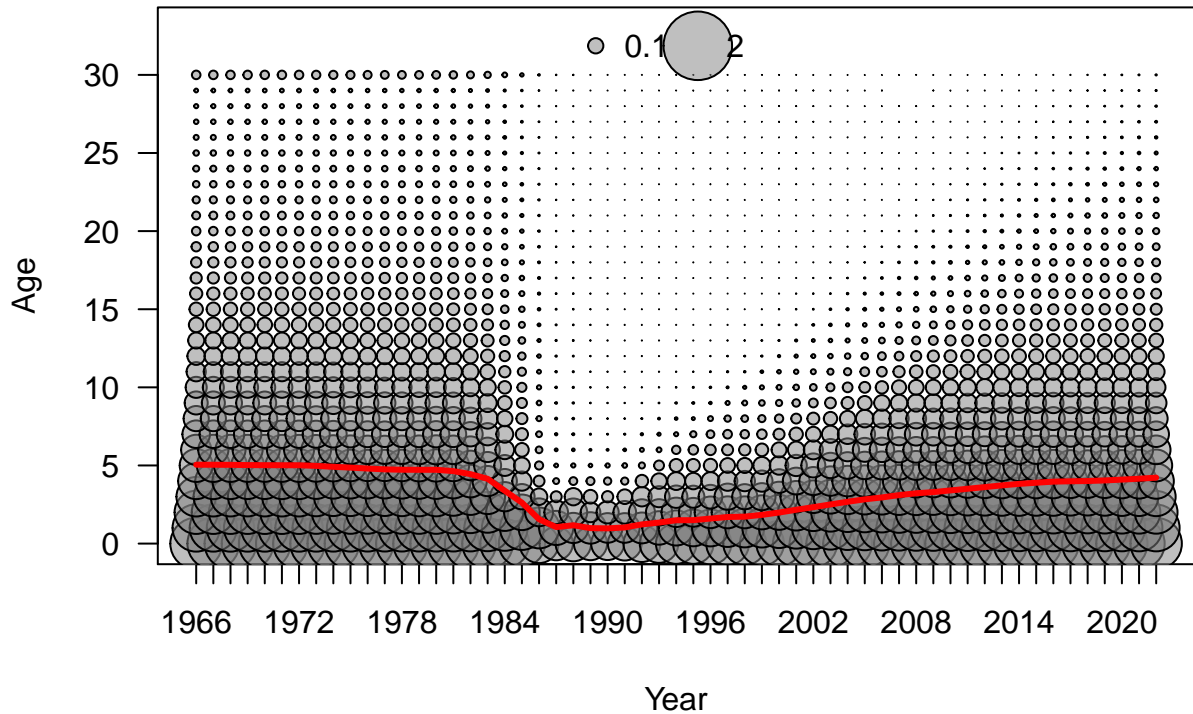


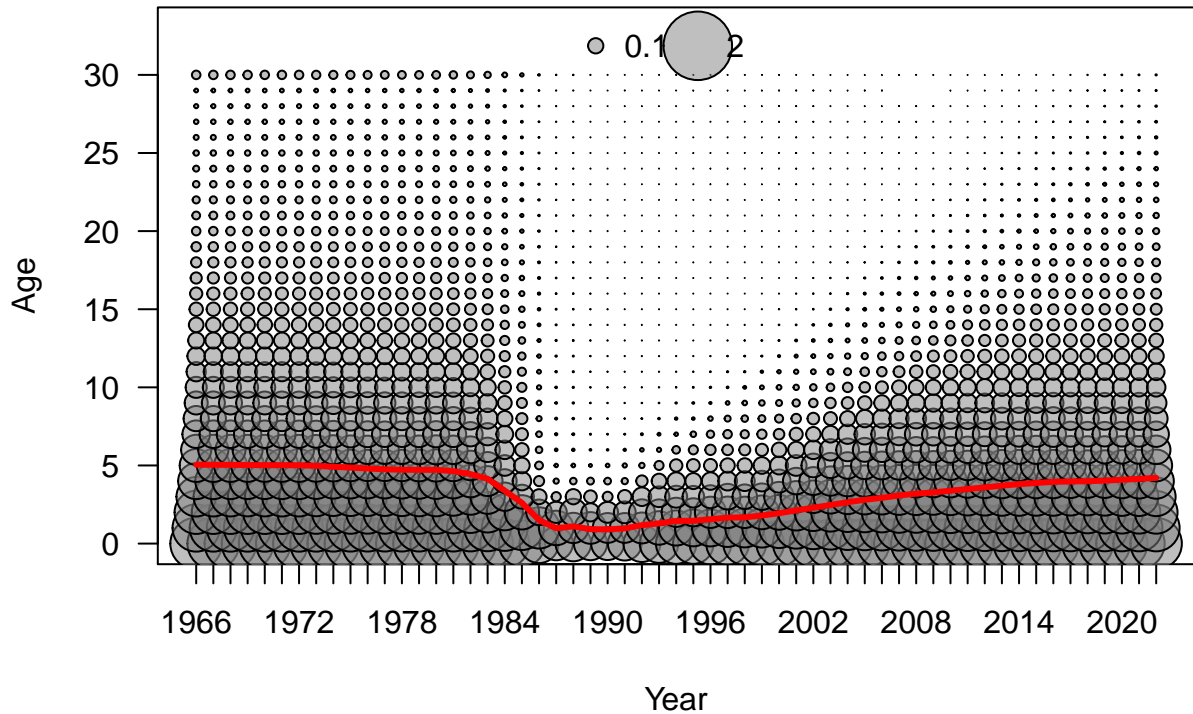
Residual

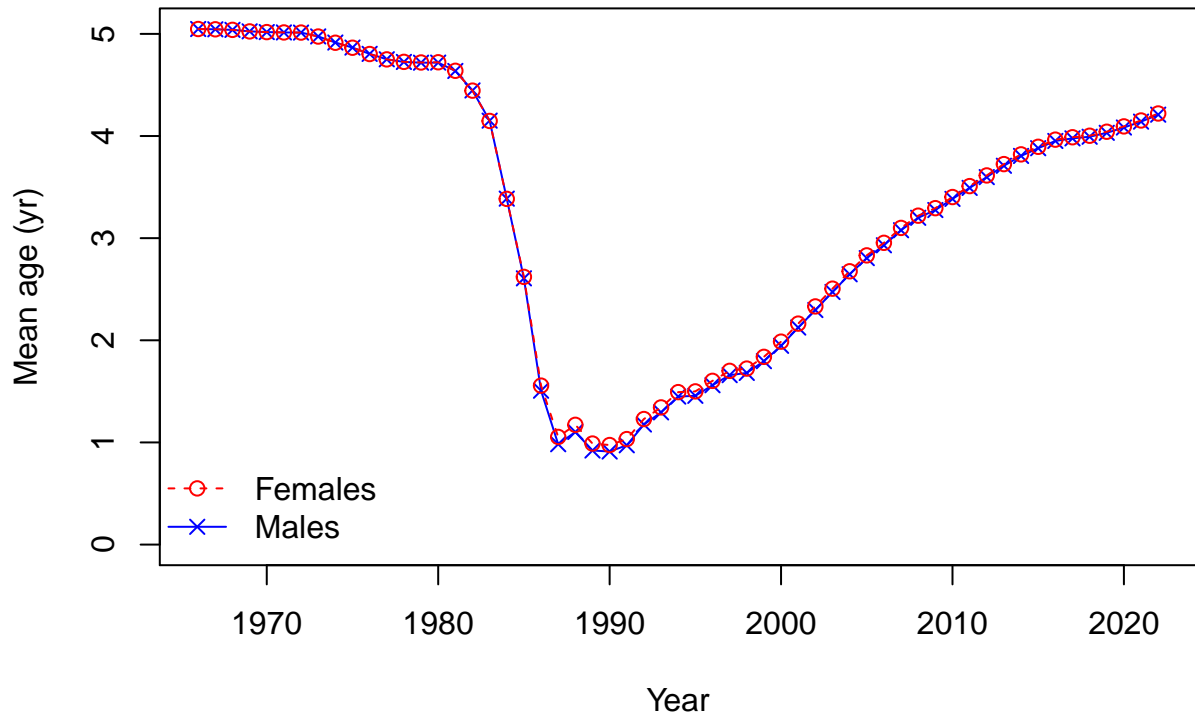


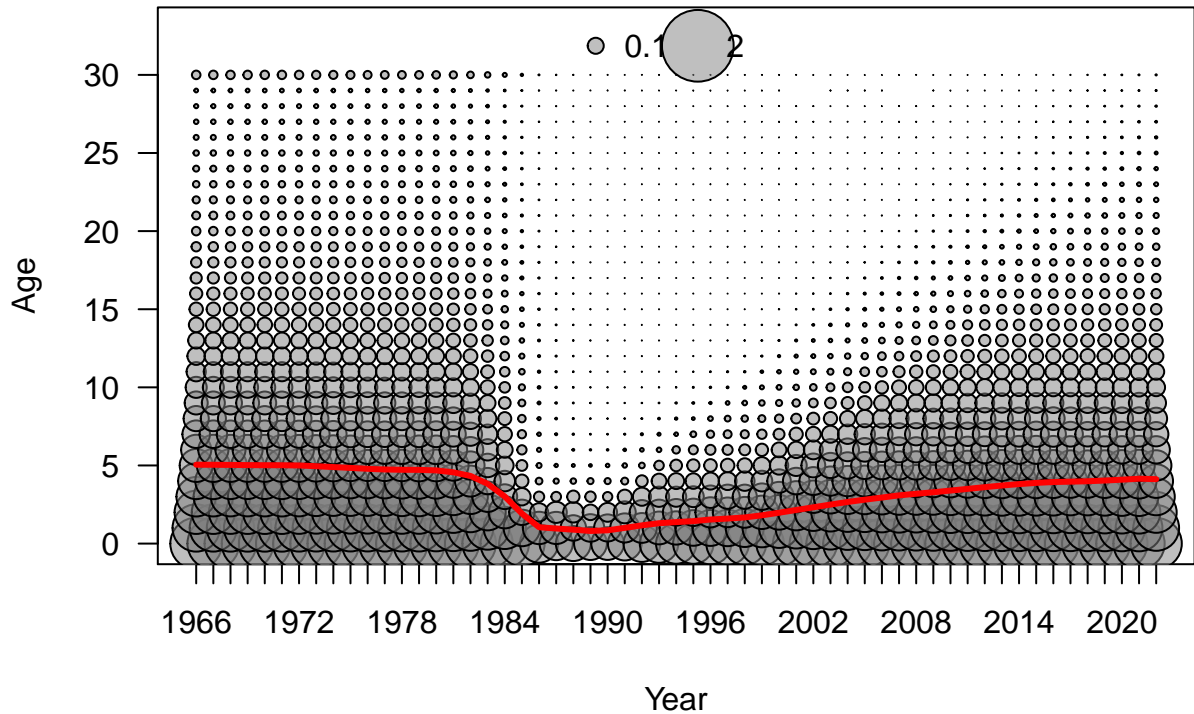


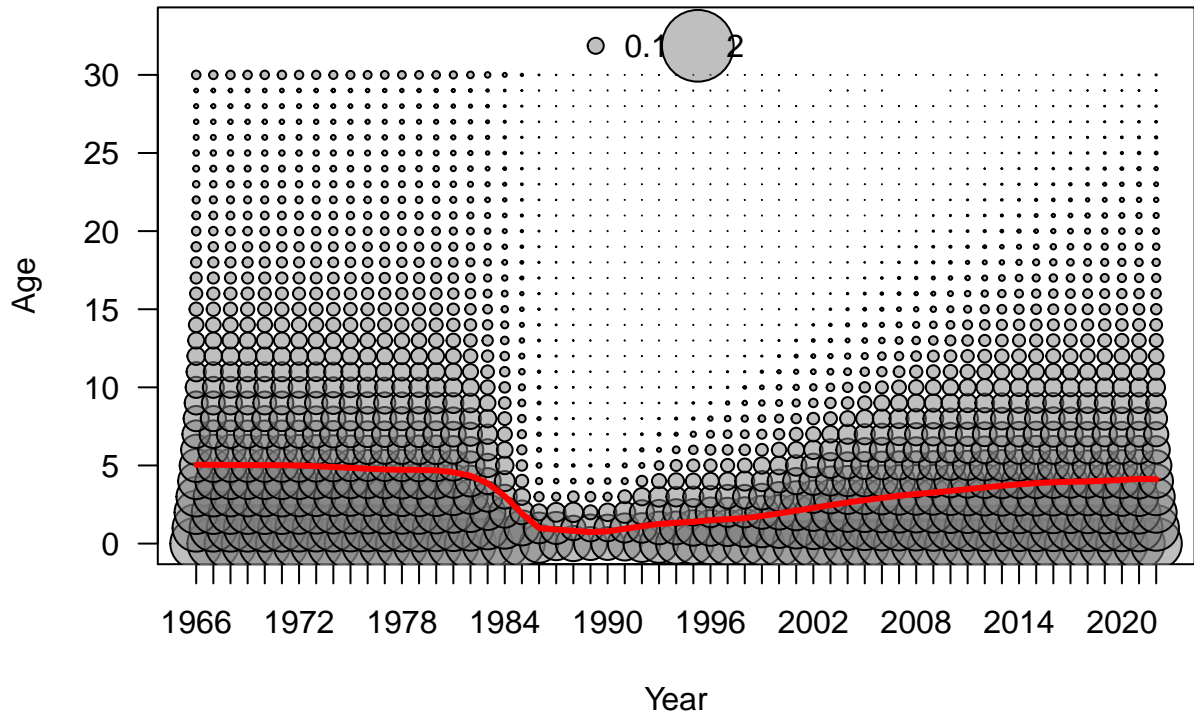


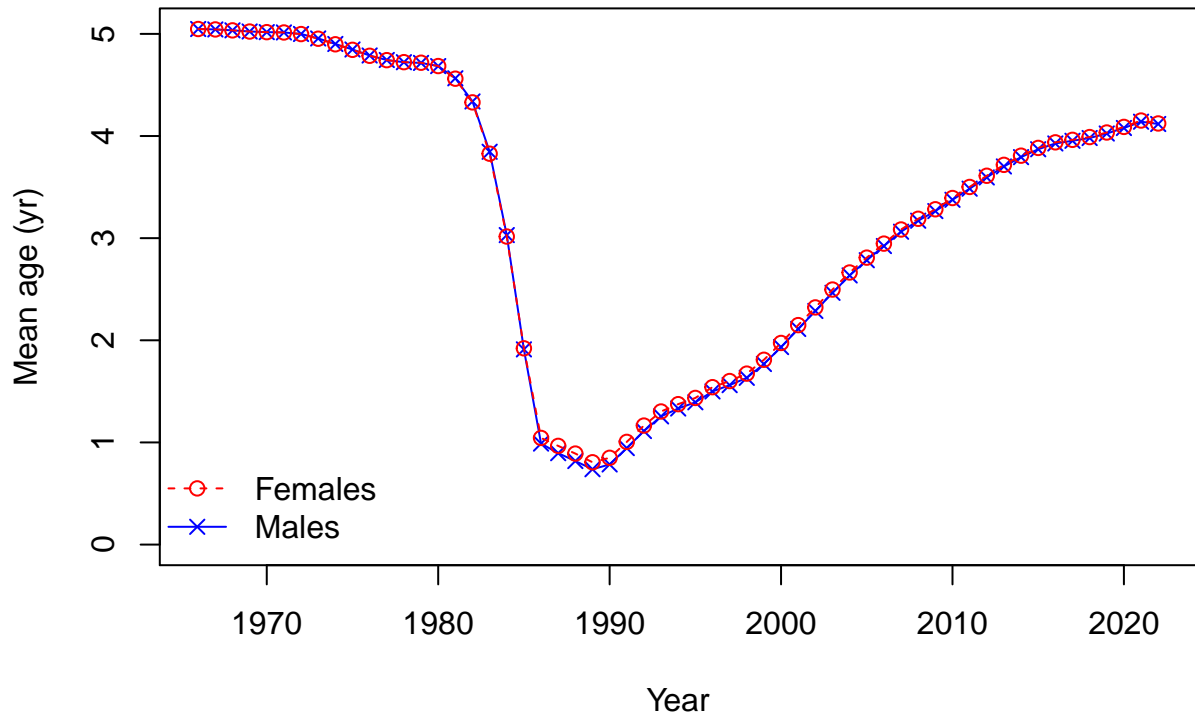


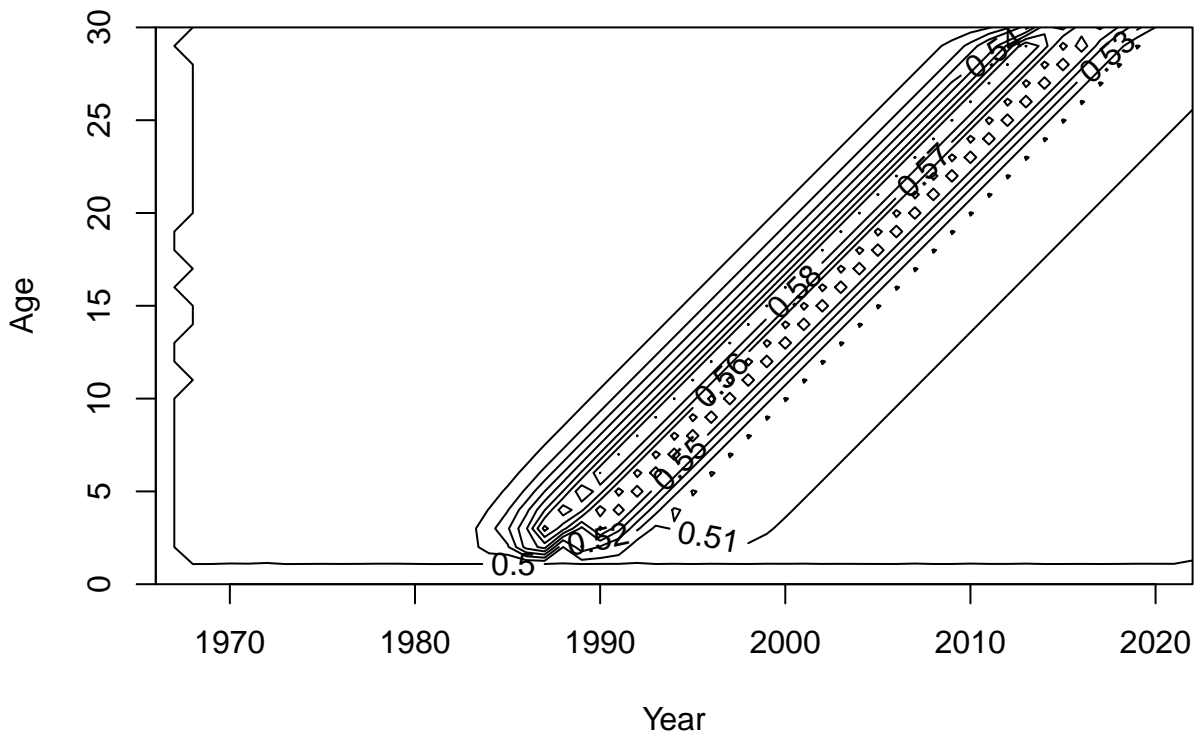


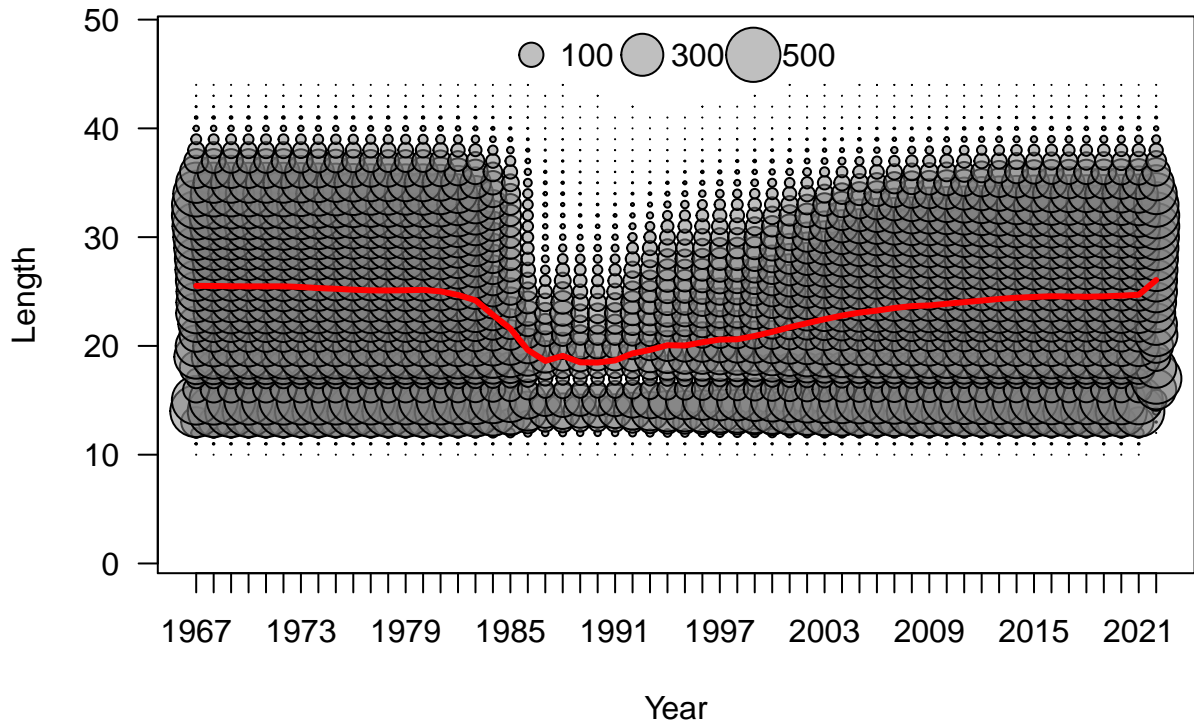


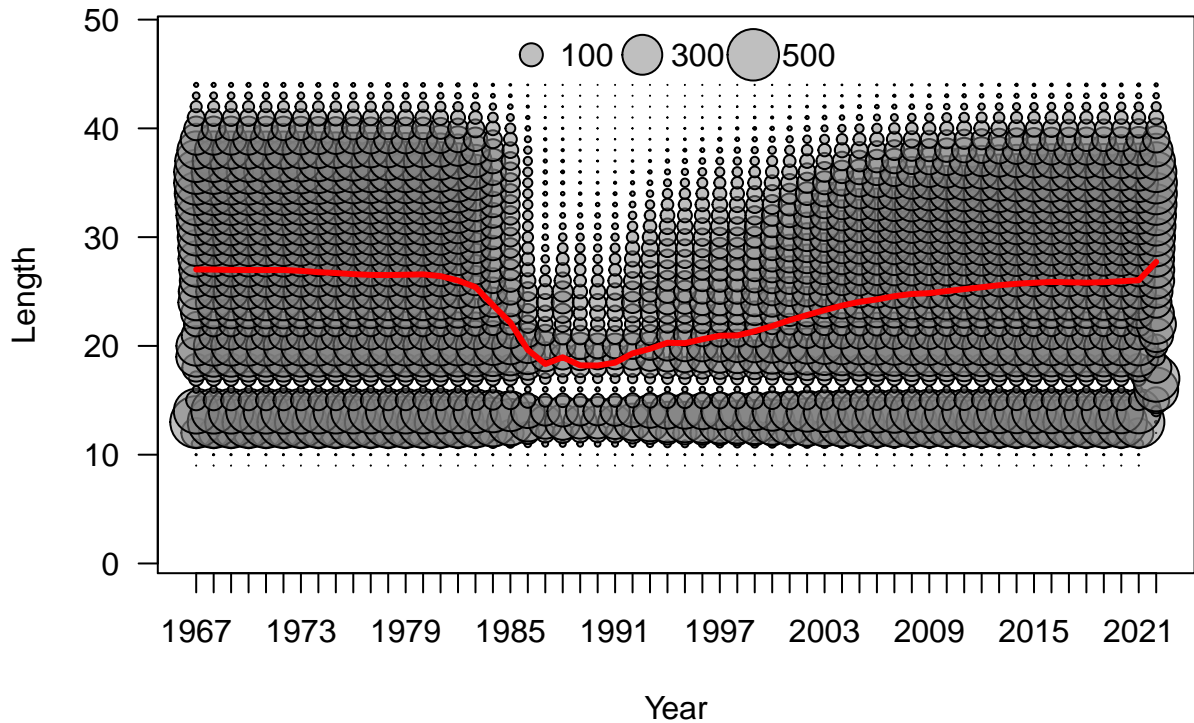


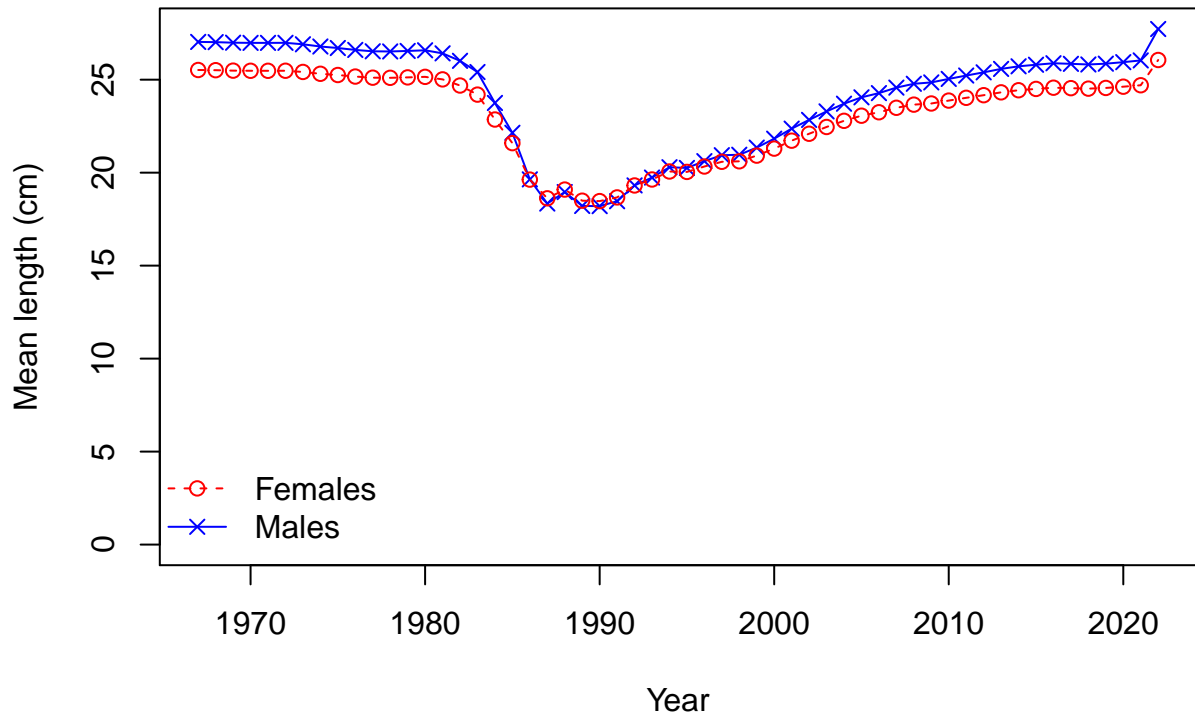


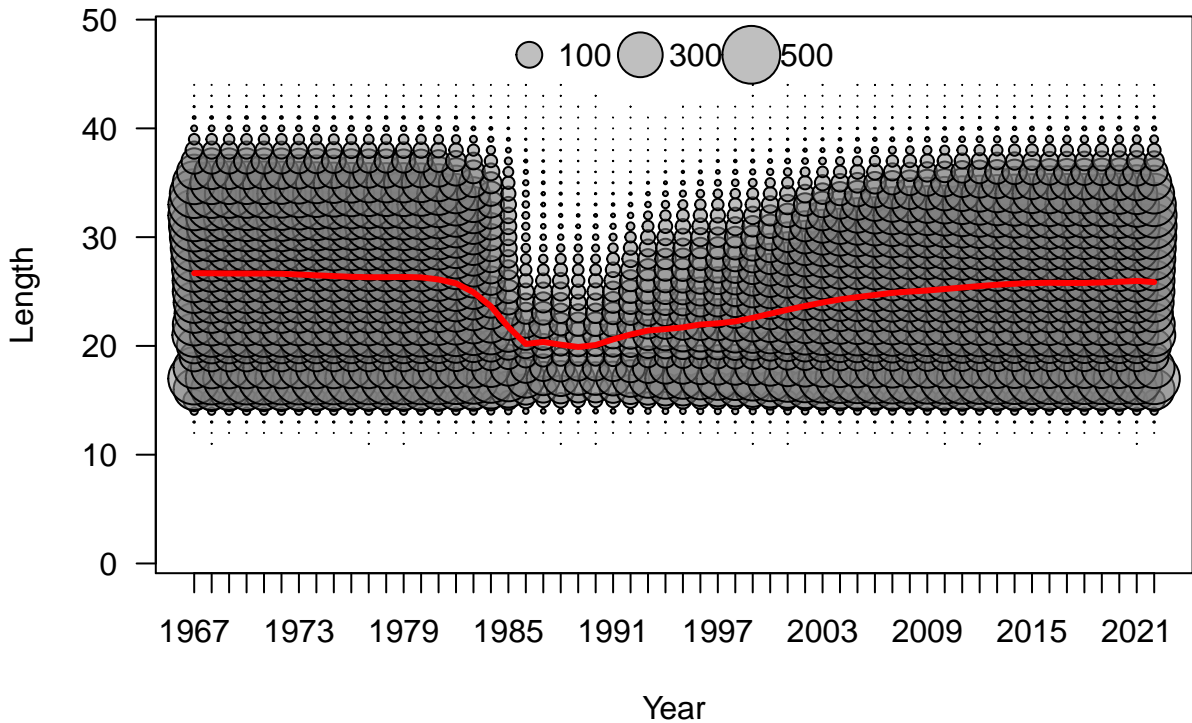


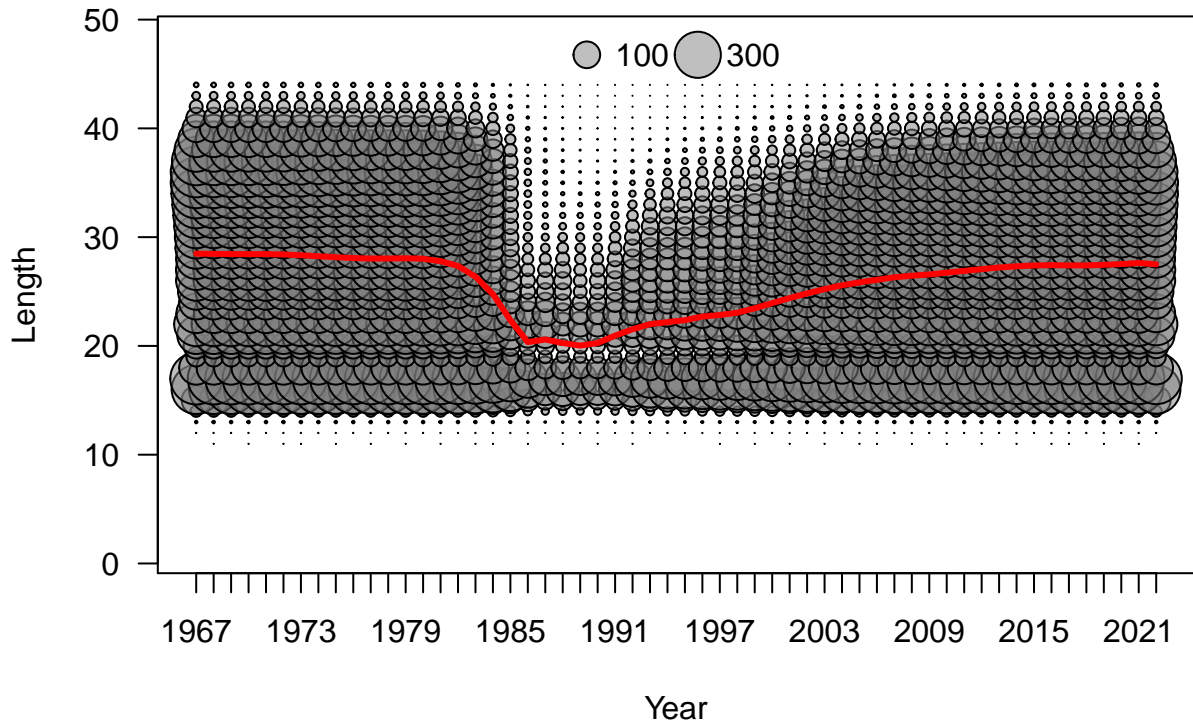


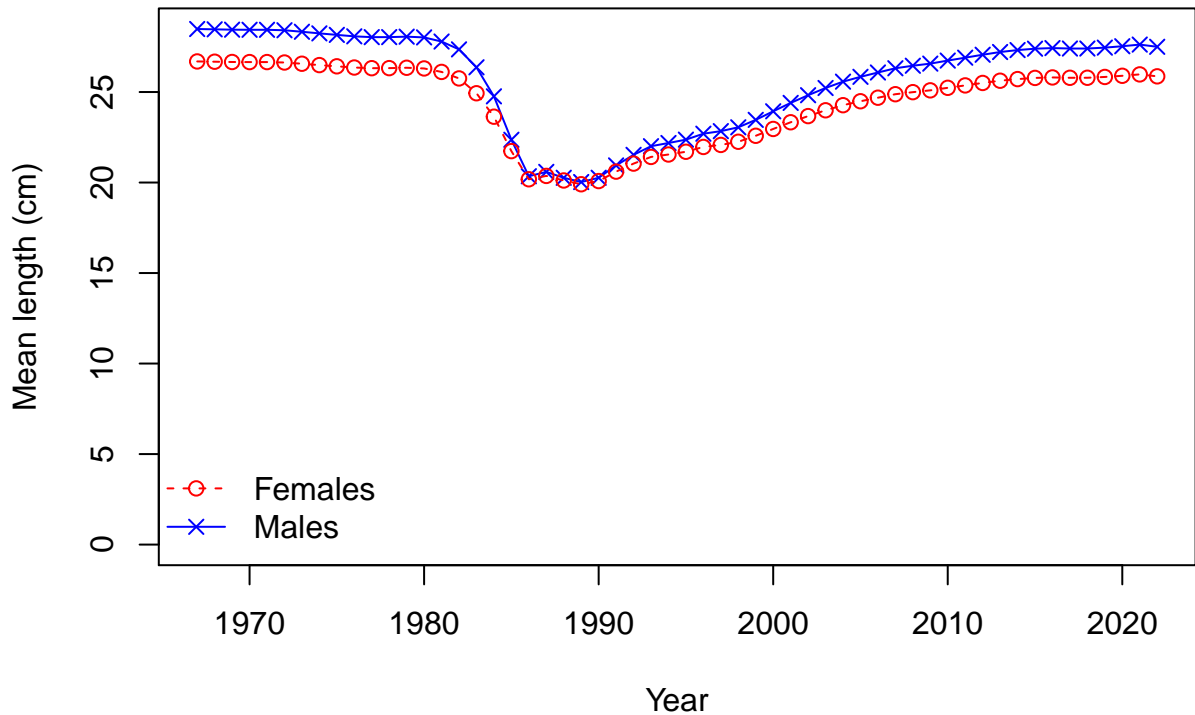




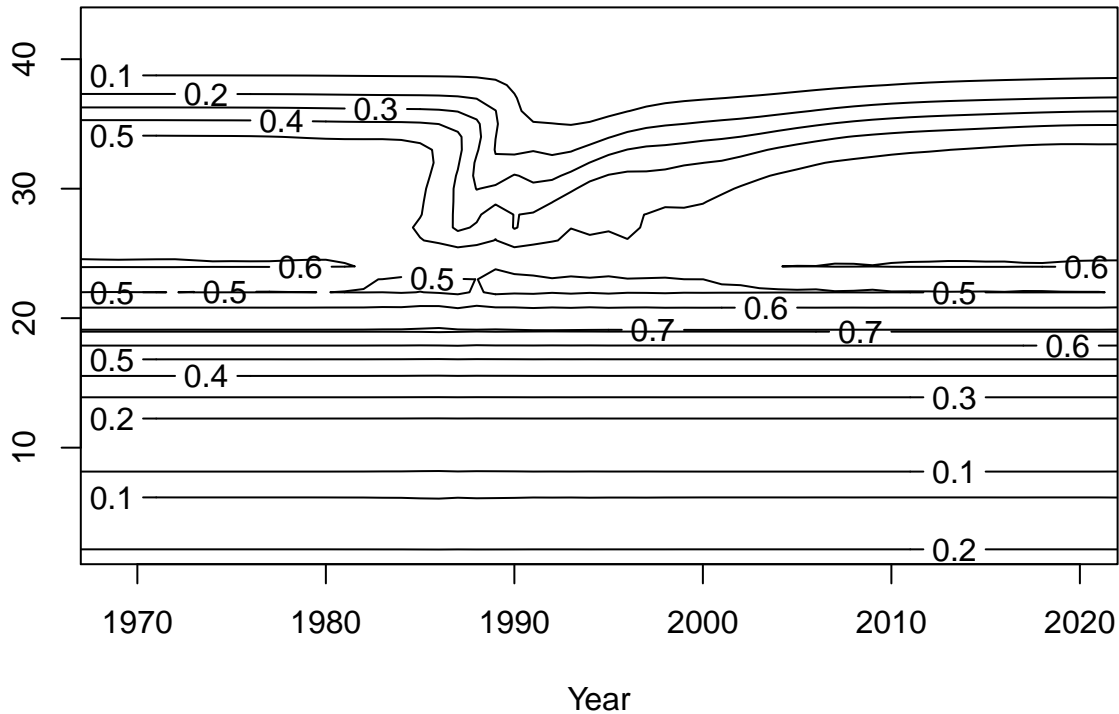


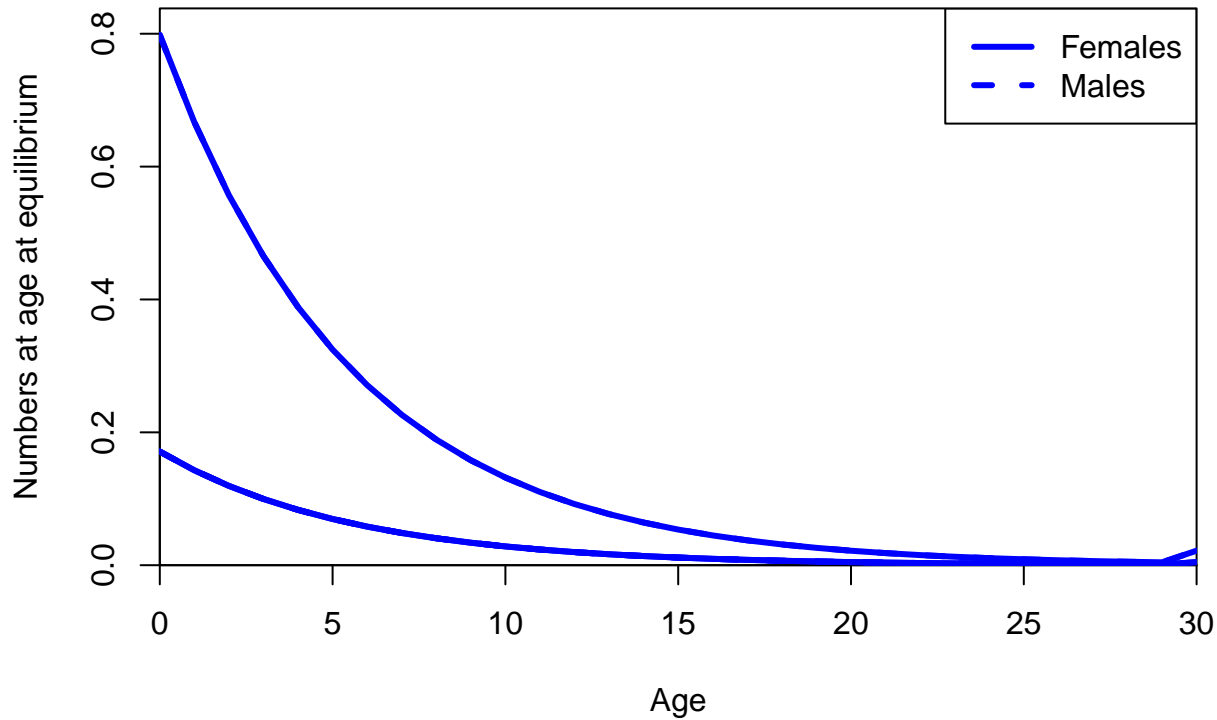






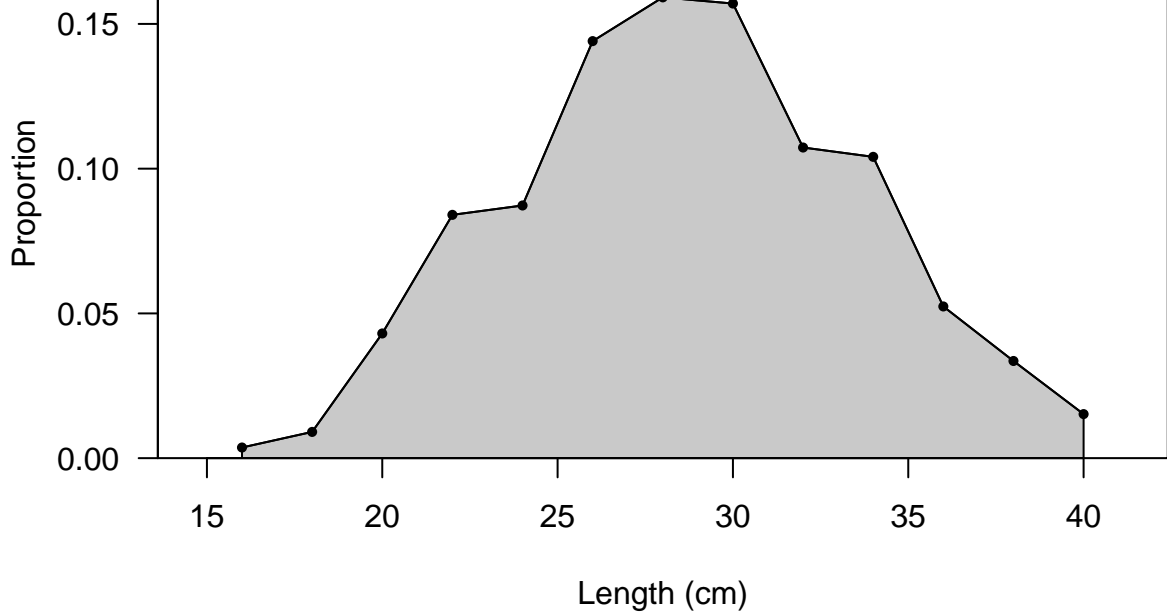
Length





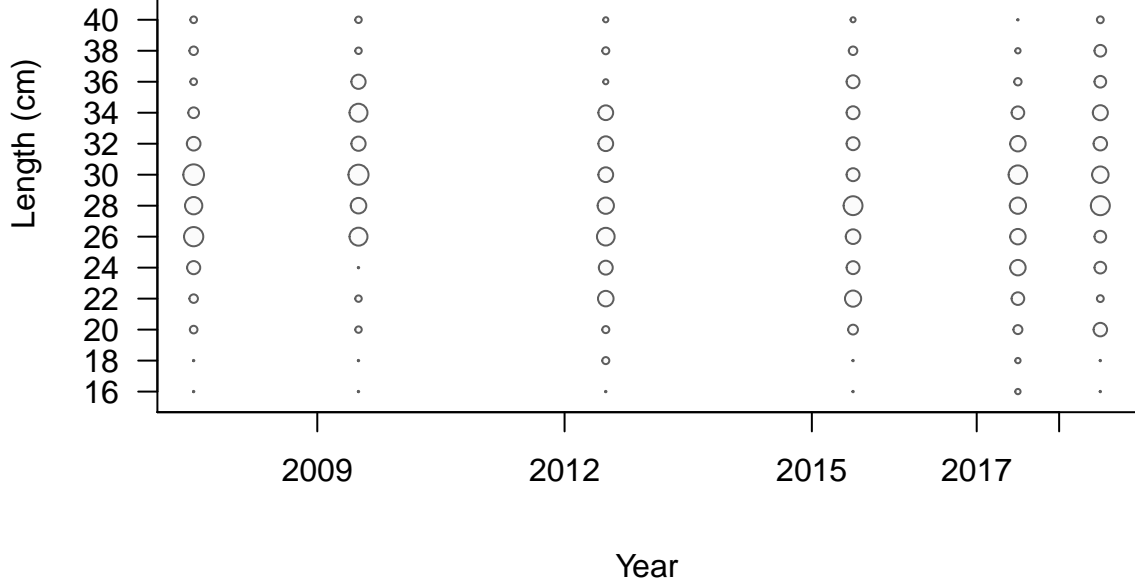
FISHERY

Sum of N input=308

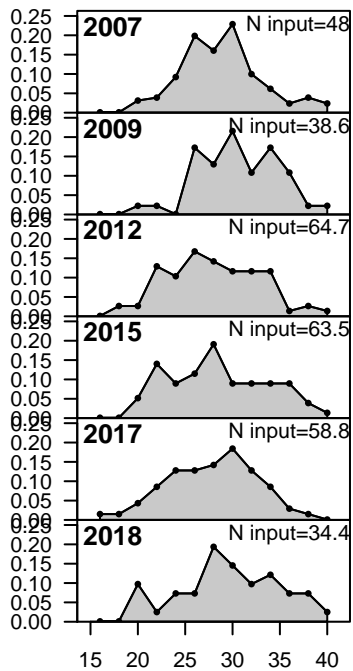


FISHERY

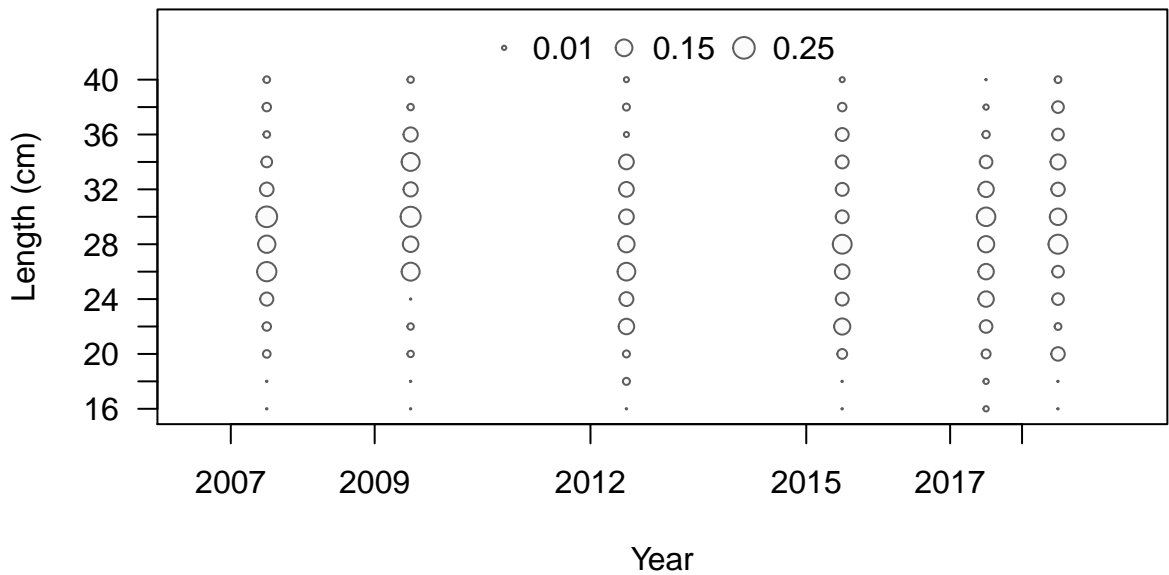
◦ 0.01 ○ 0.15 ○ 0.25



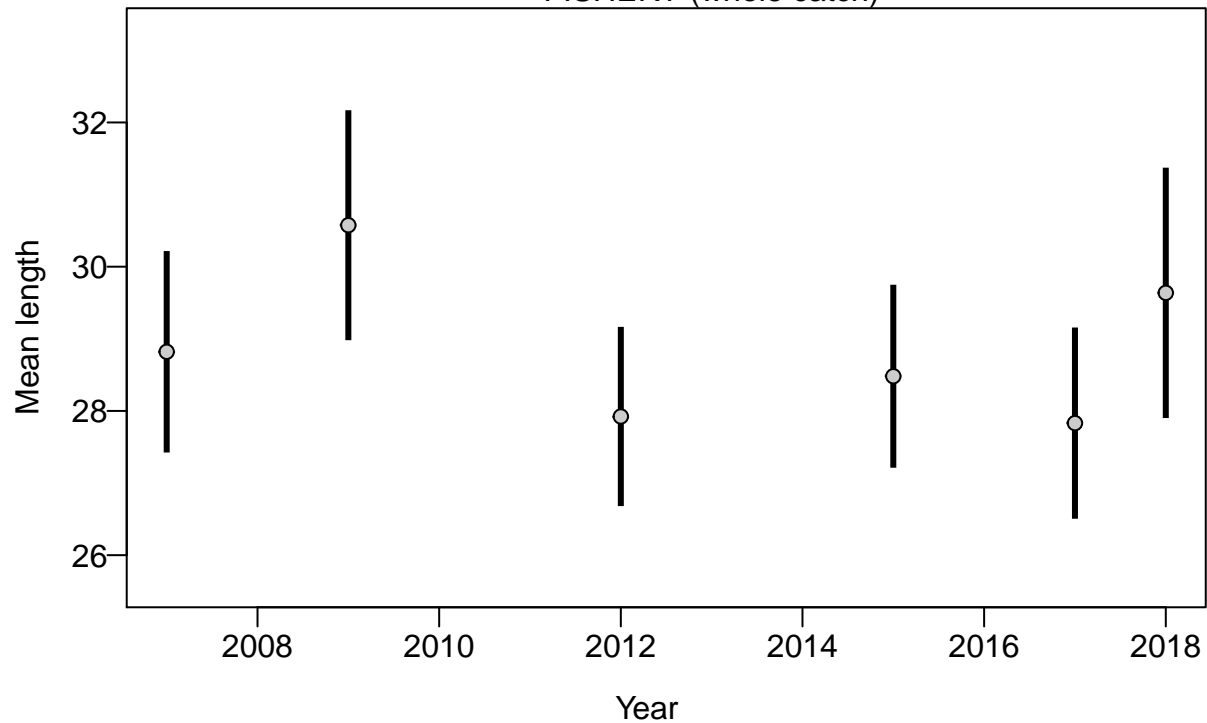
Proportion



Length (cm)

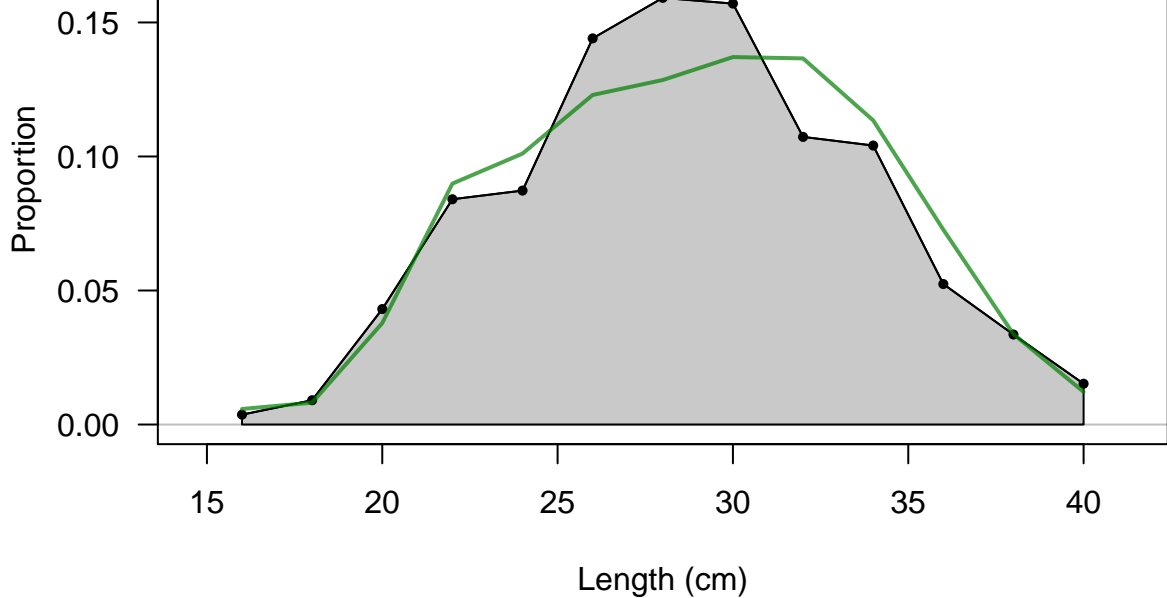


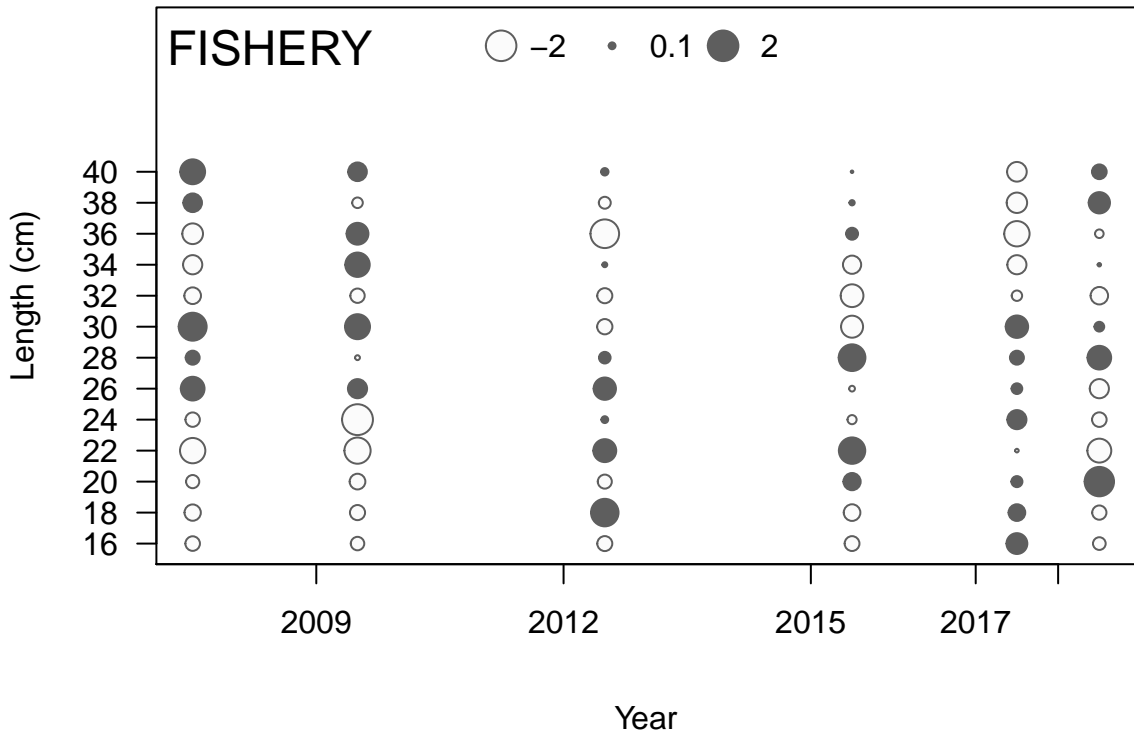
FISHERY (whole catch)



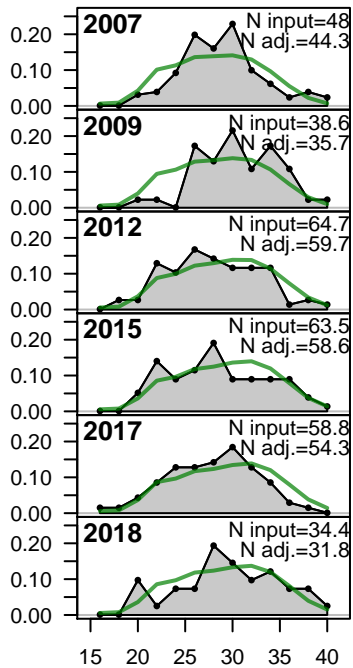
FISHERY

Sum of N input=308
Sum of N adj.=284.3

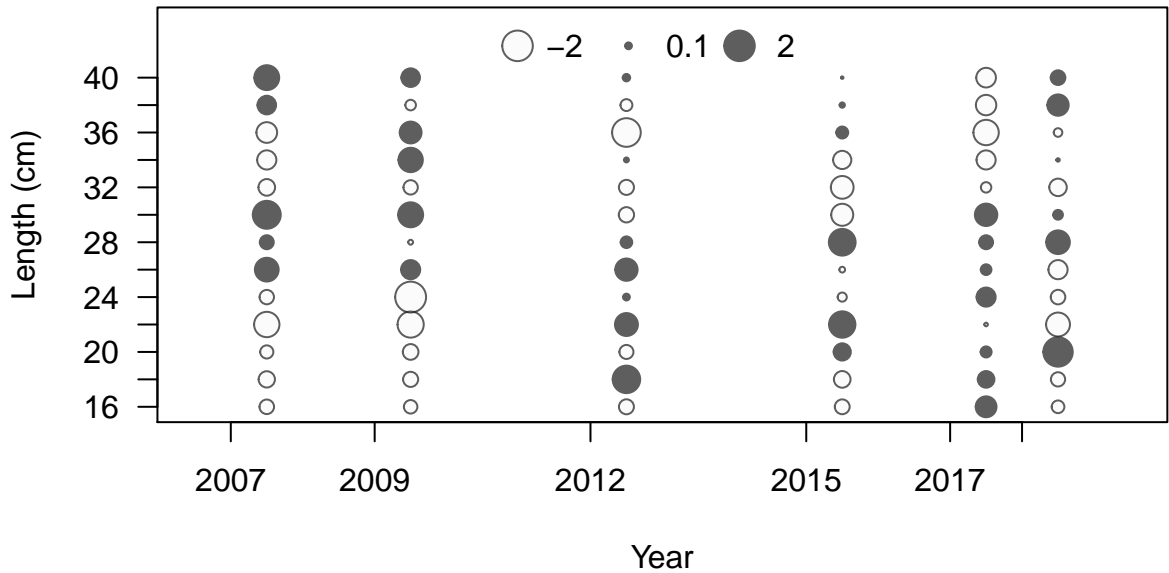




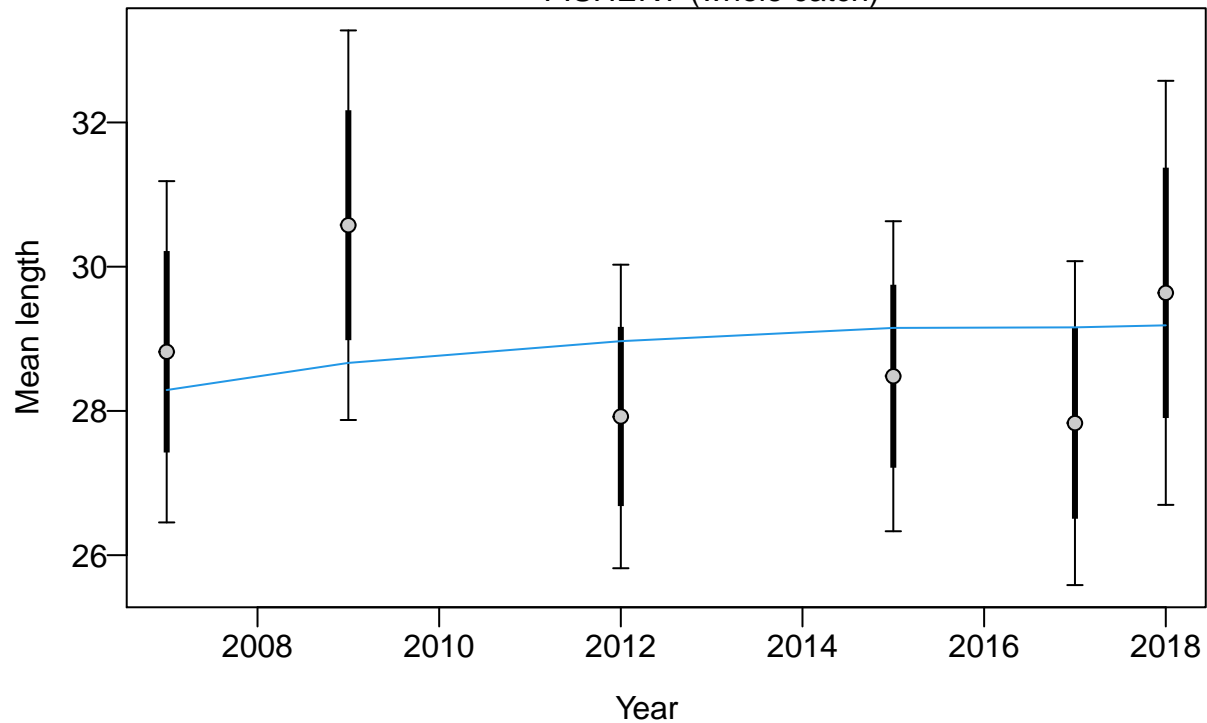
Proportion

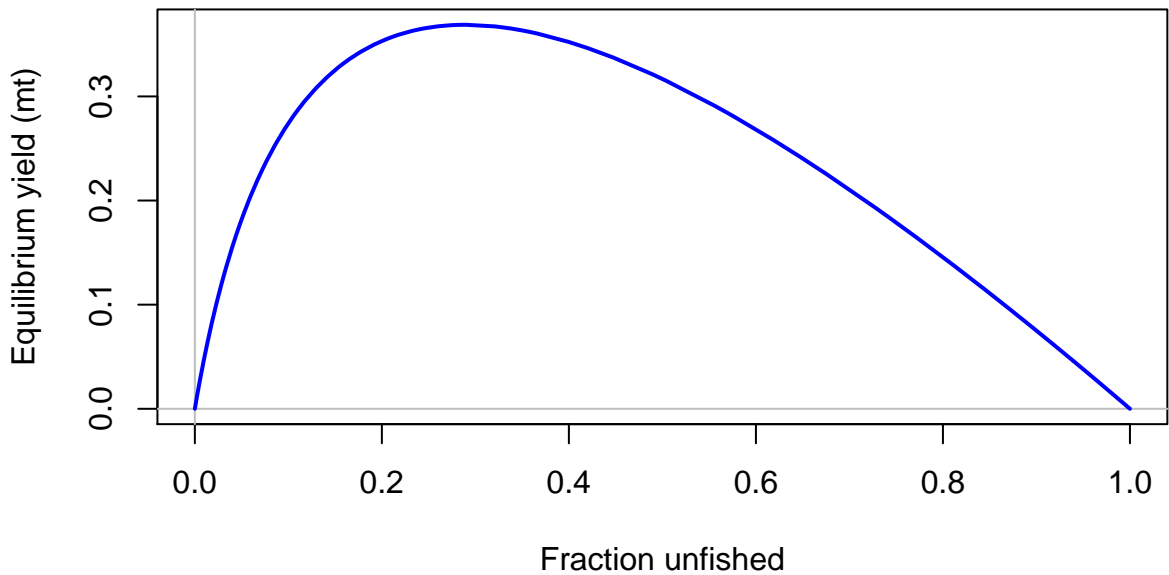


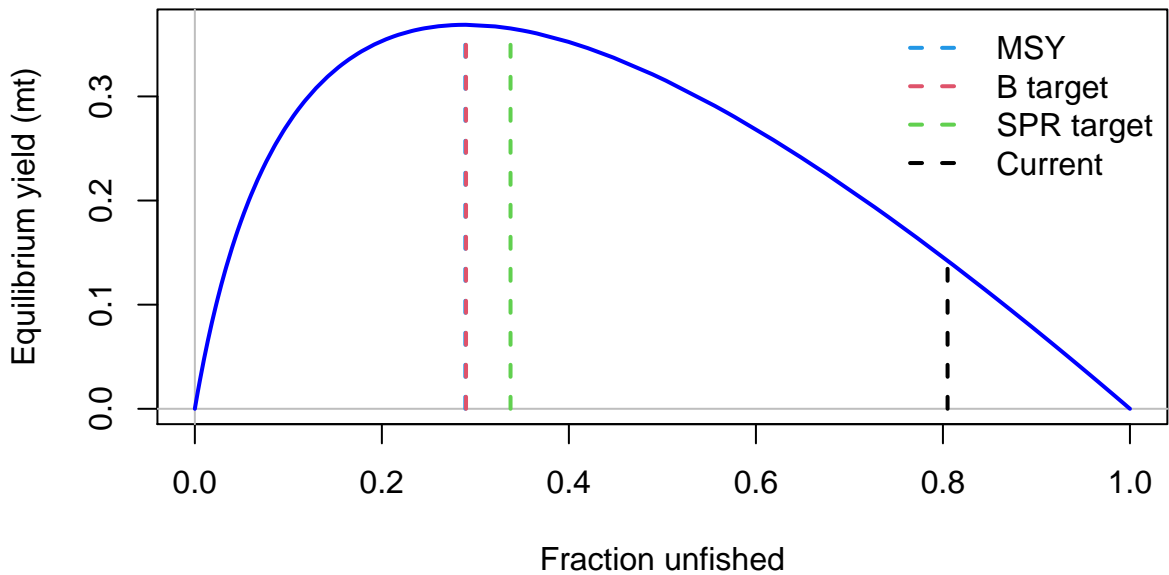
Length (cm)

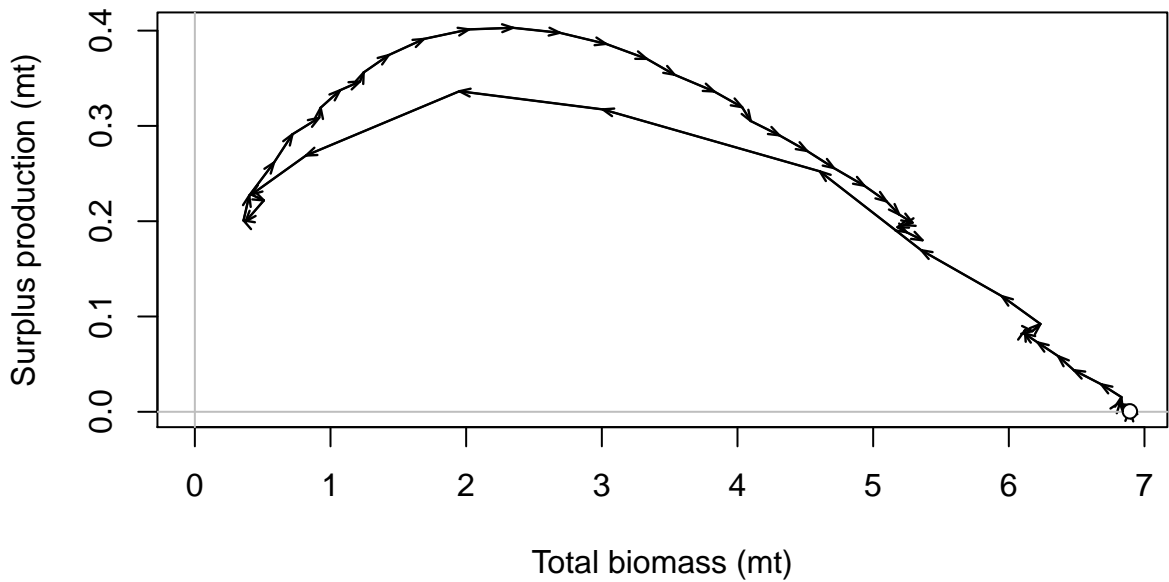


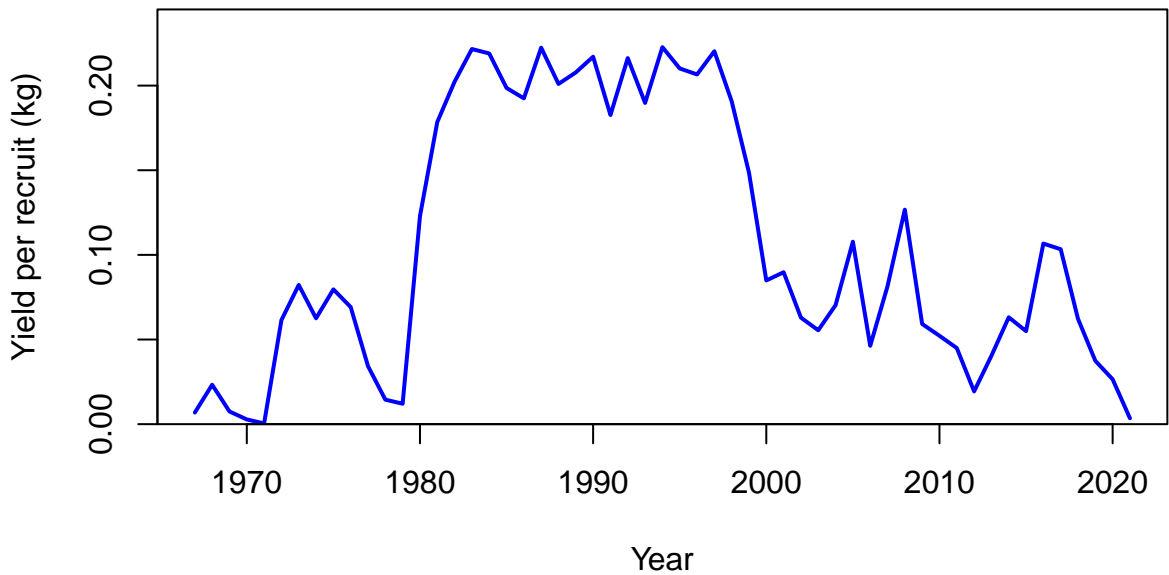
FISHERY (whole catch)

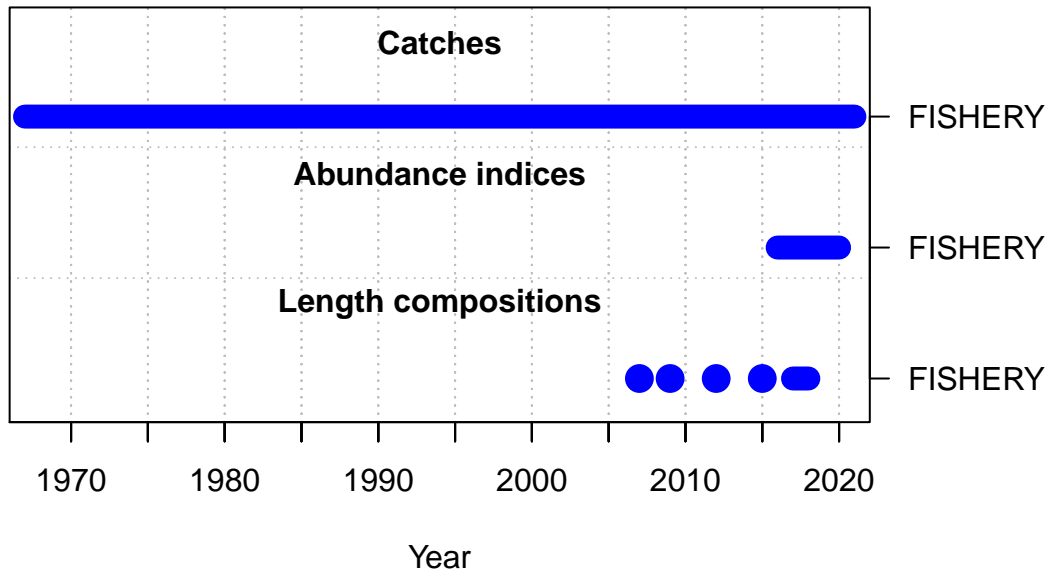


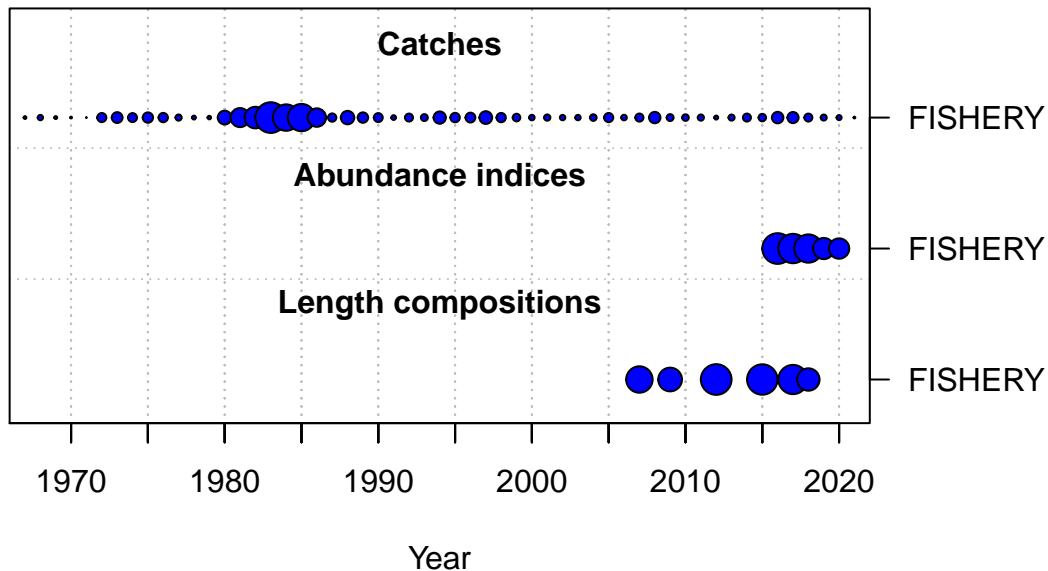




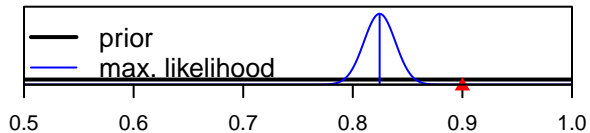




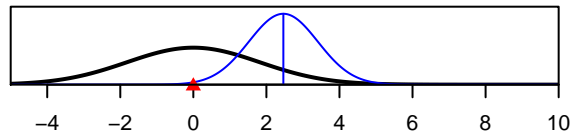




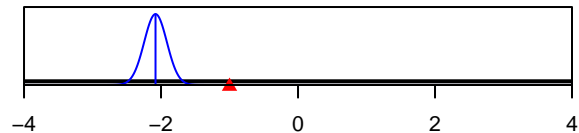
SR_LN(R0)



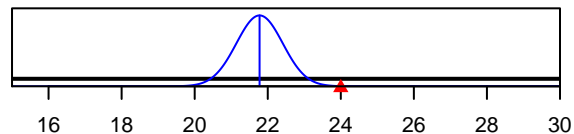
ln(DM_theta)_1



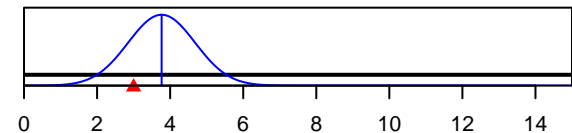
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value