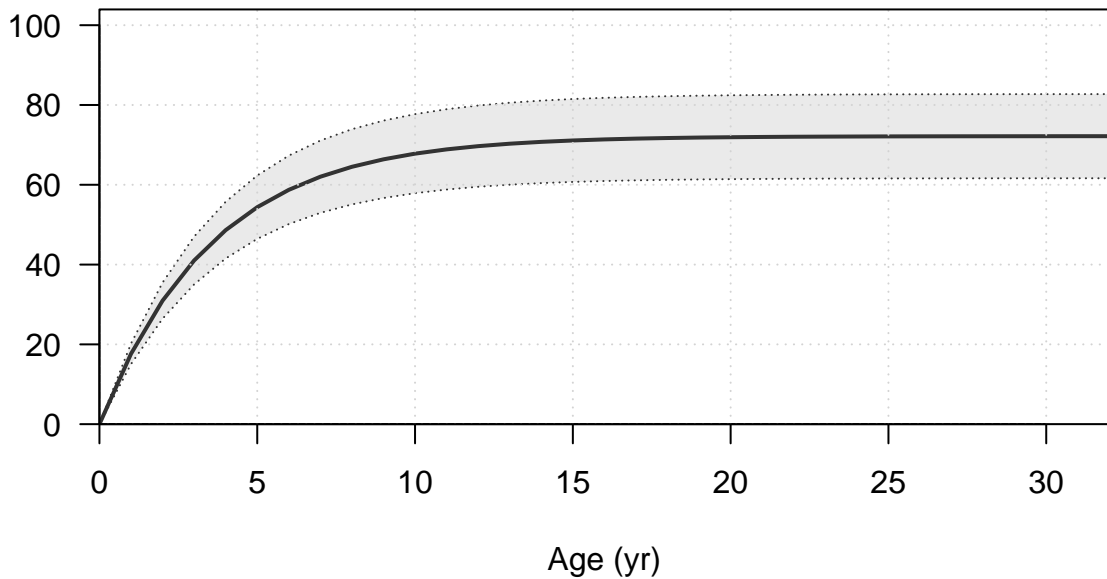
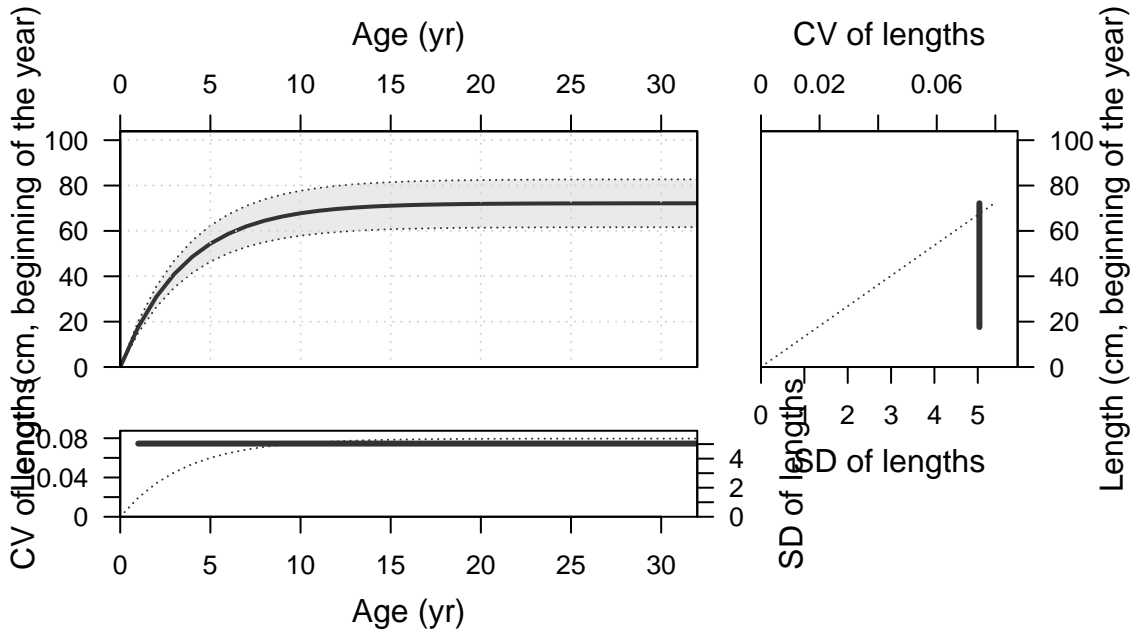
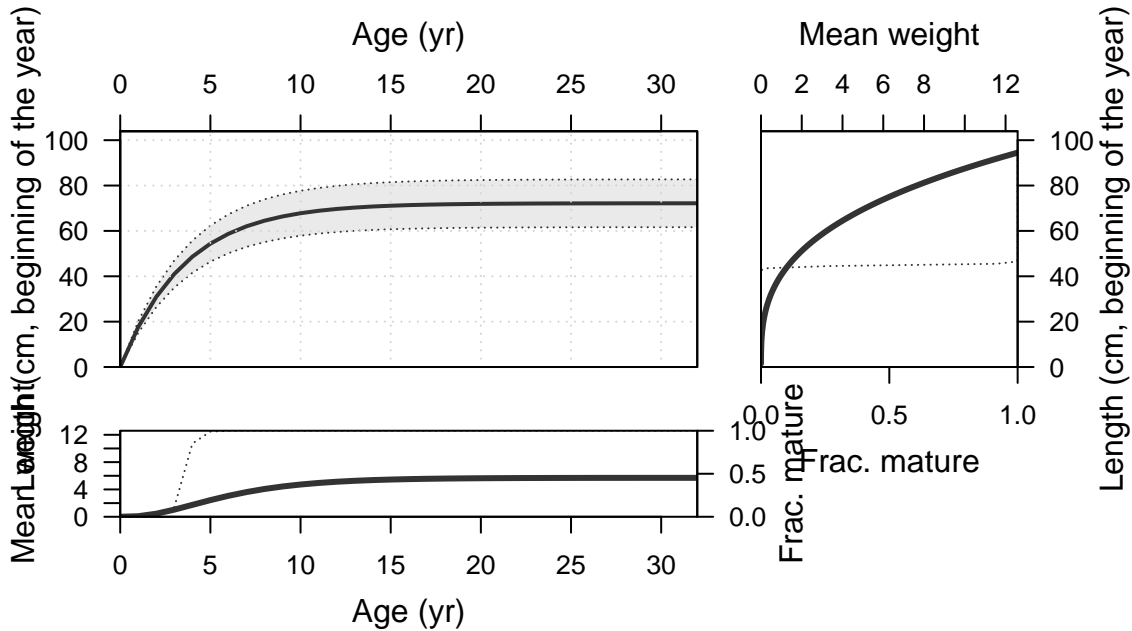


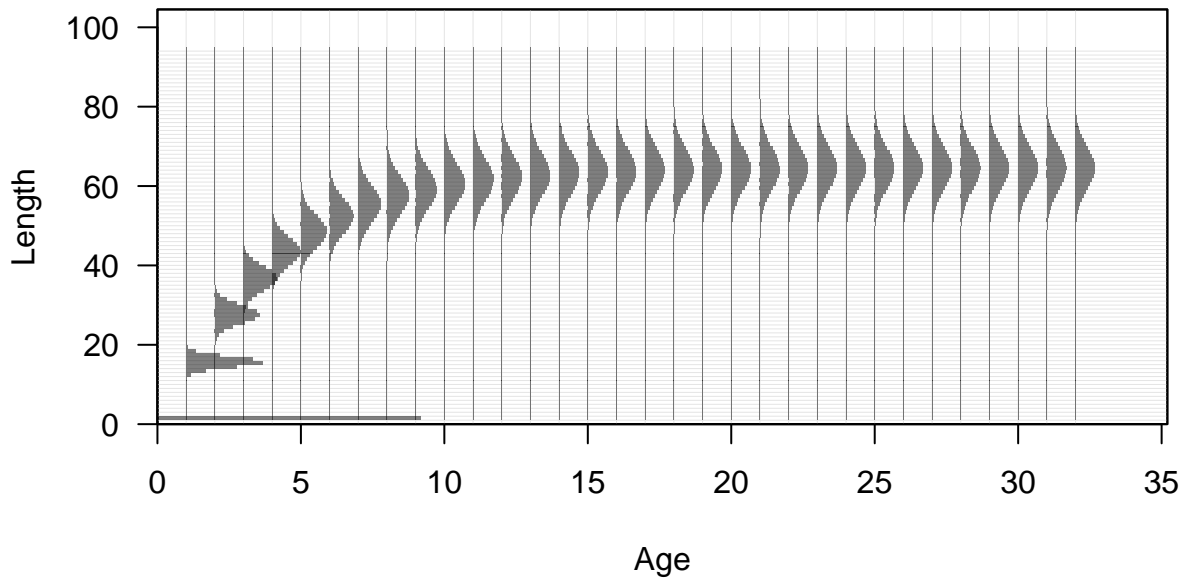
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Sun Aug 28 10:19:26 2022
Data_File: data.ss
Control_File: control.ss

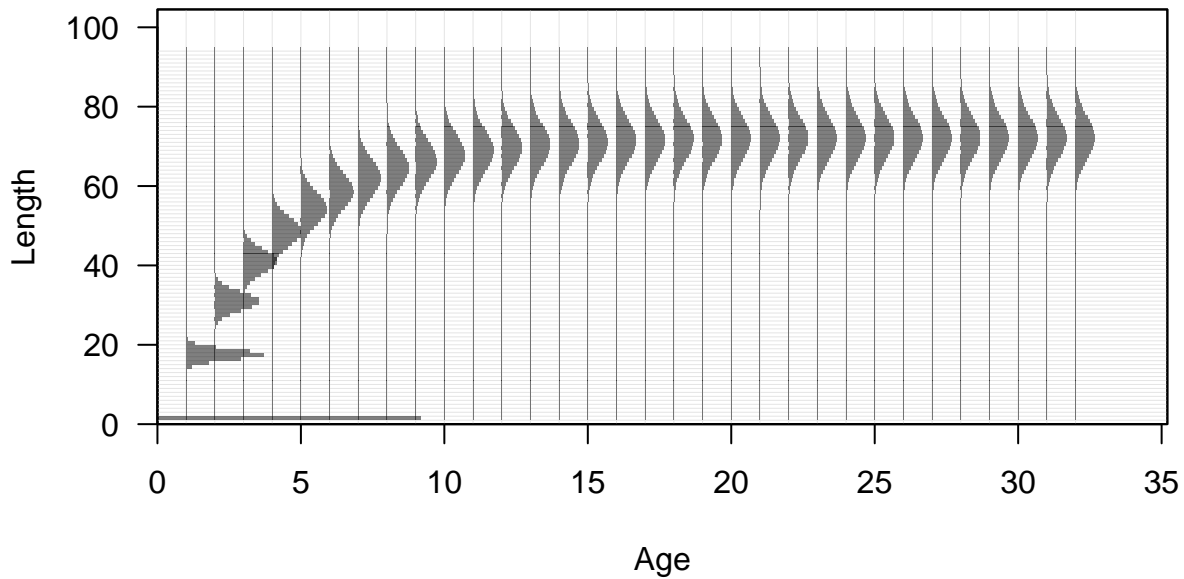
Length (cm, beginning of the year)

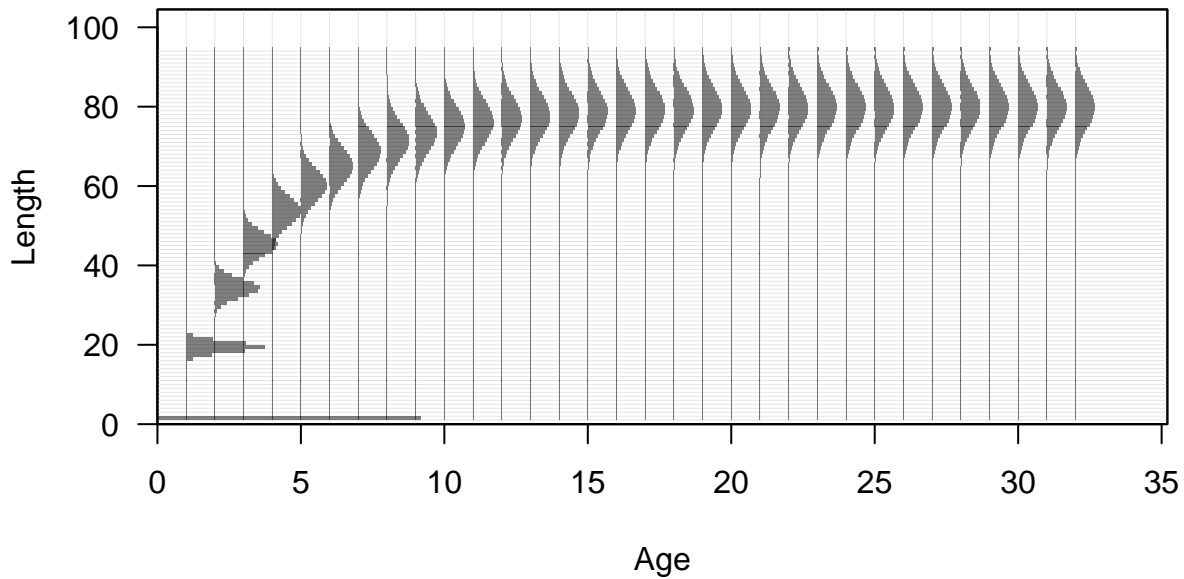


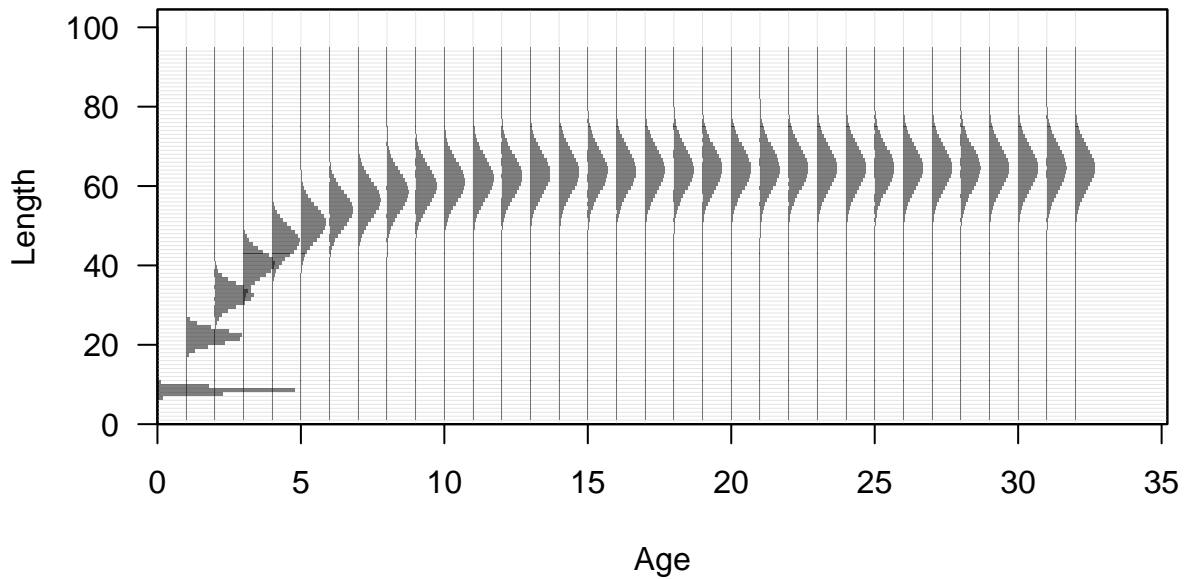


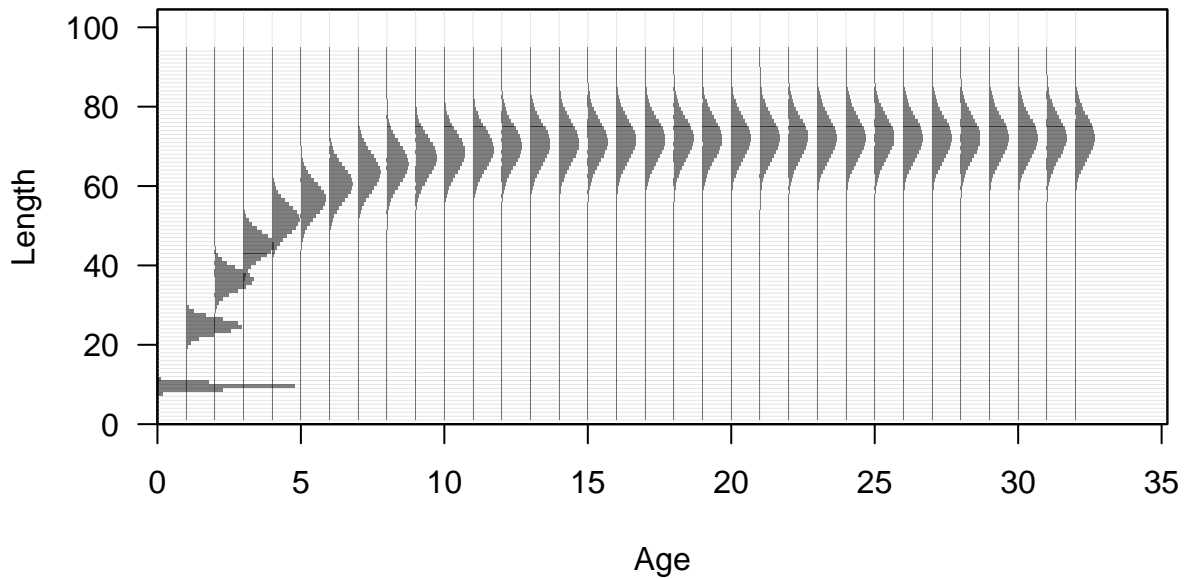


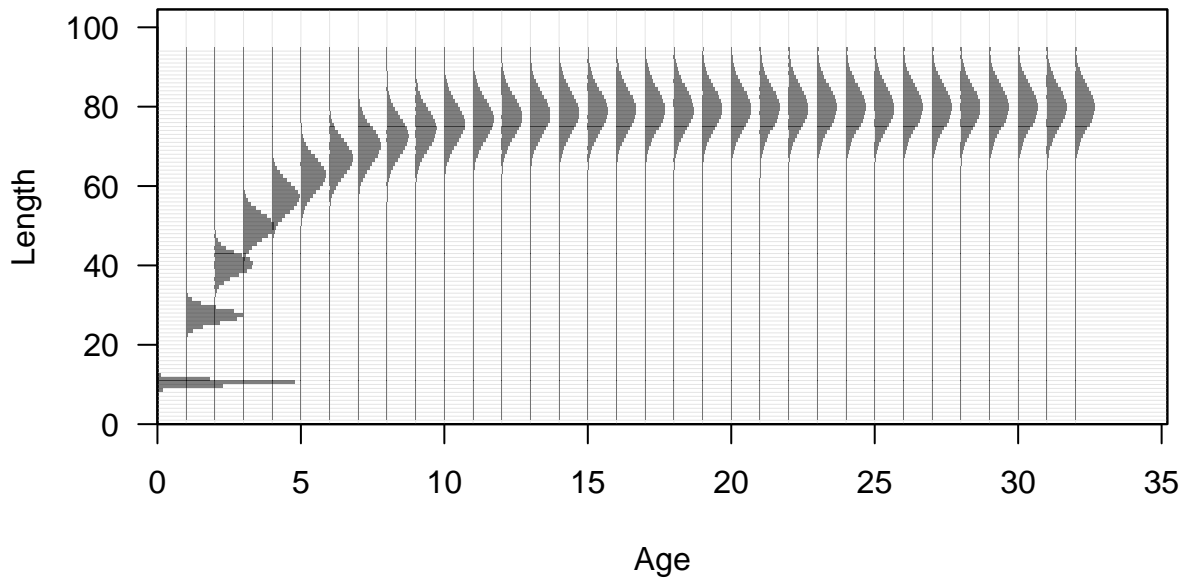


















Fecundity



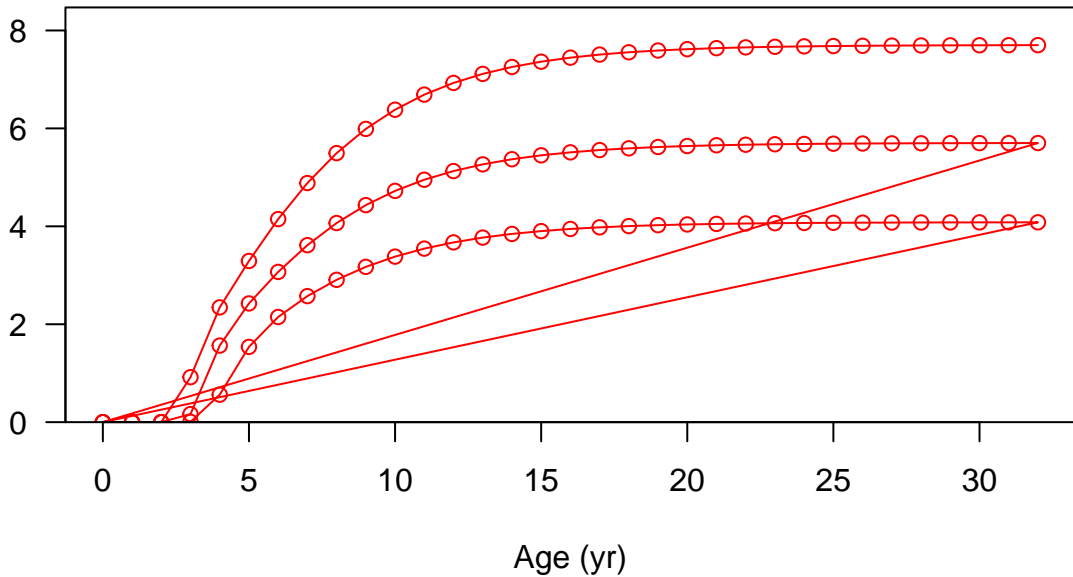
Fecundity



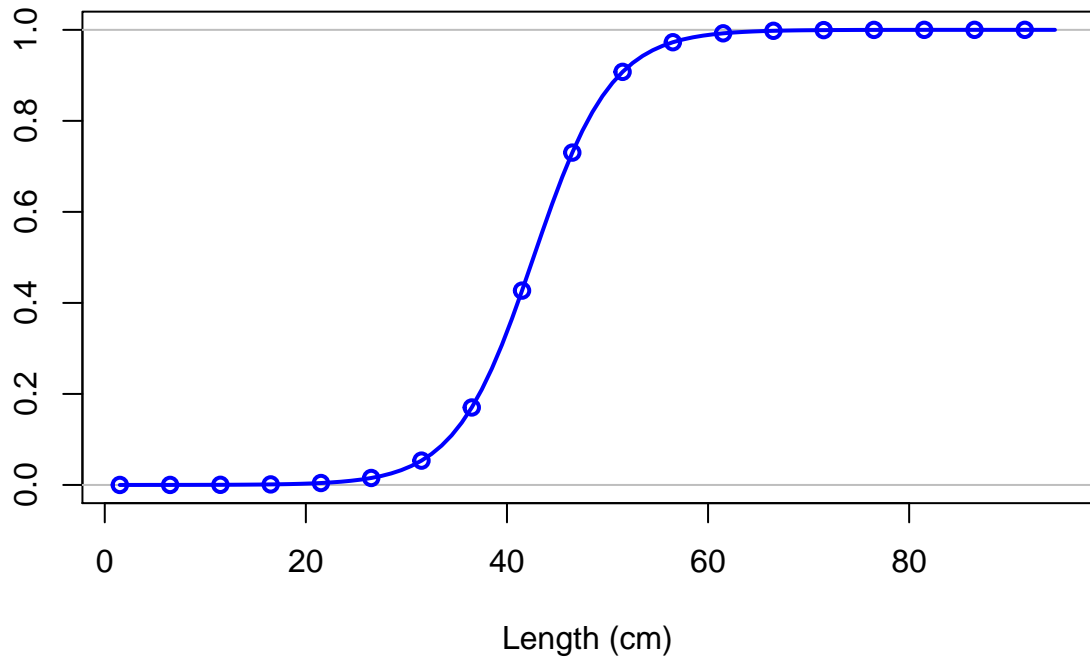
Spawning output



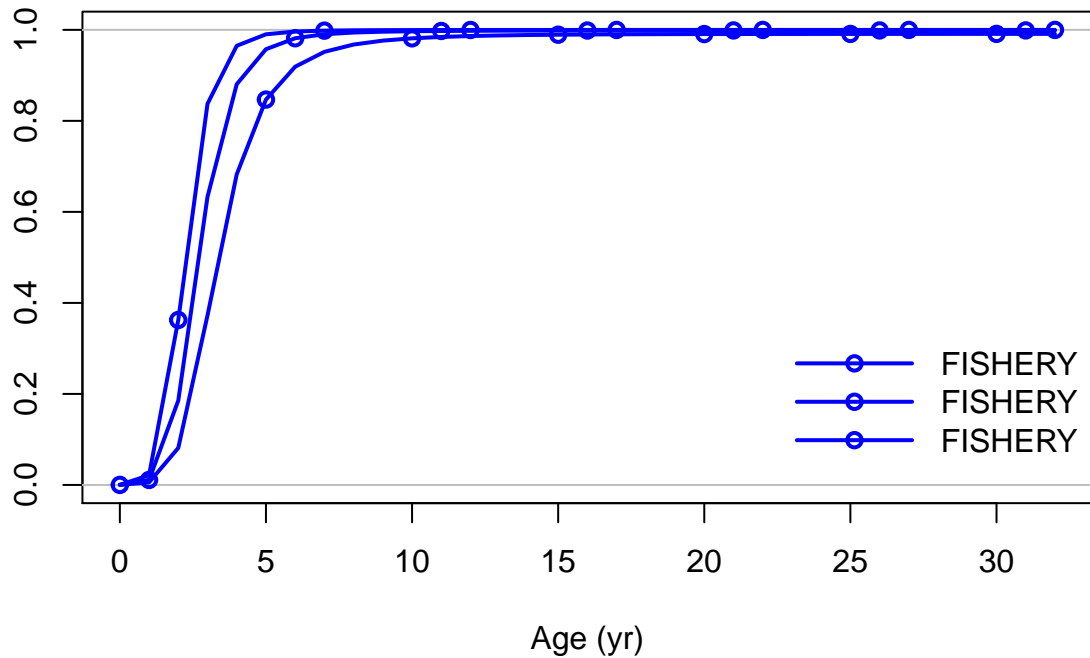
Spawning output



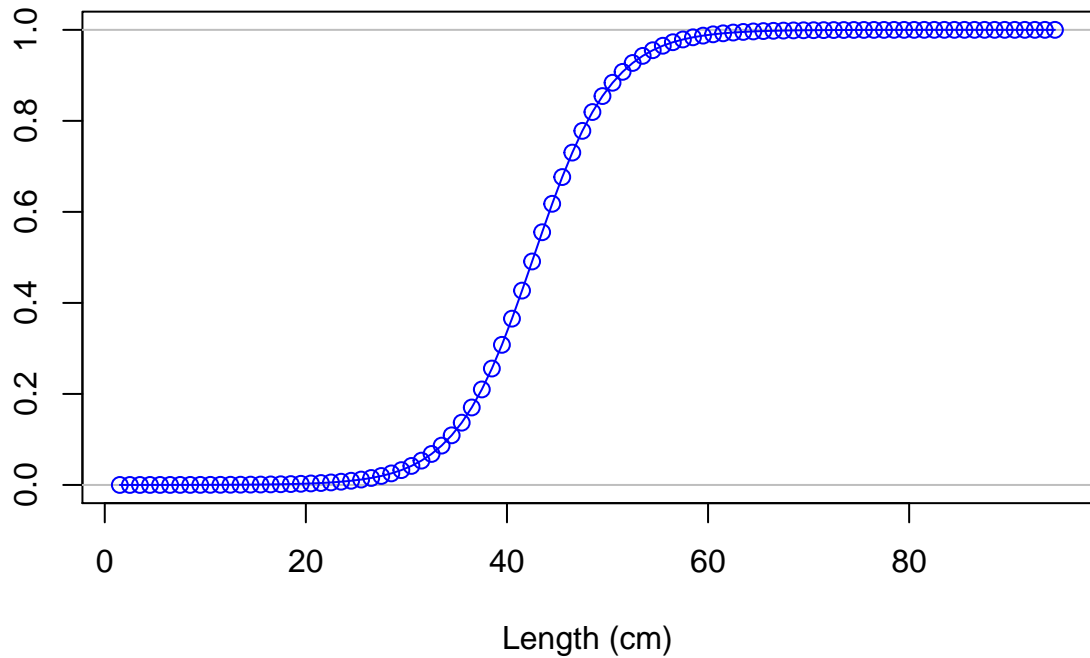
Selectivity

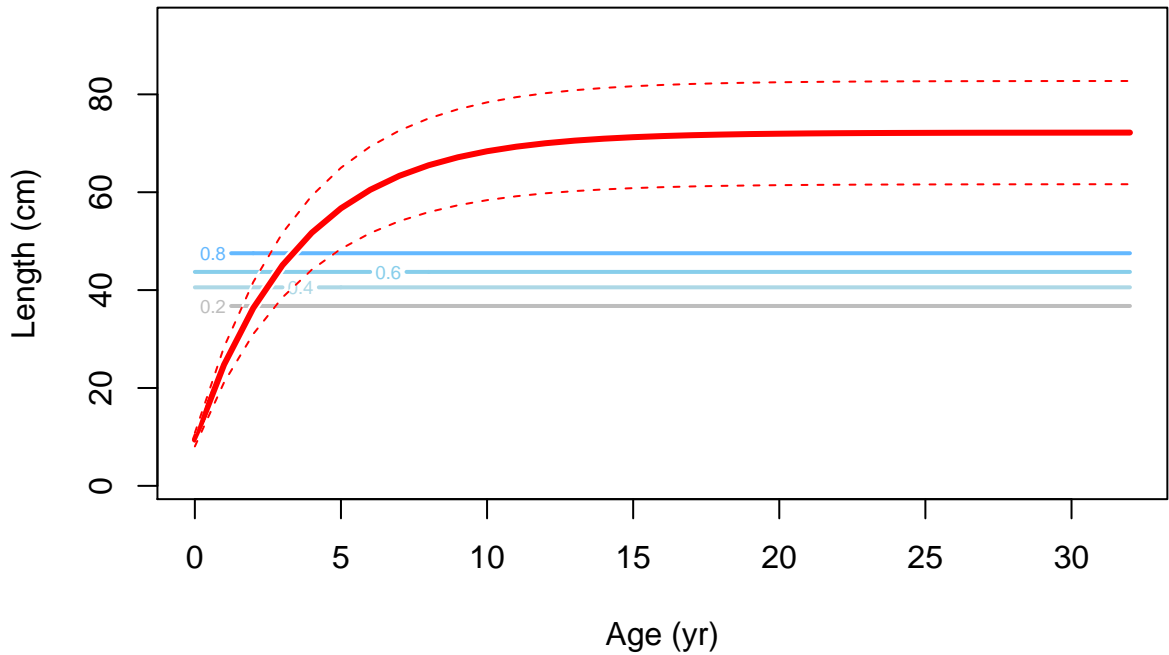


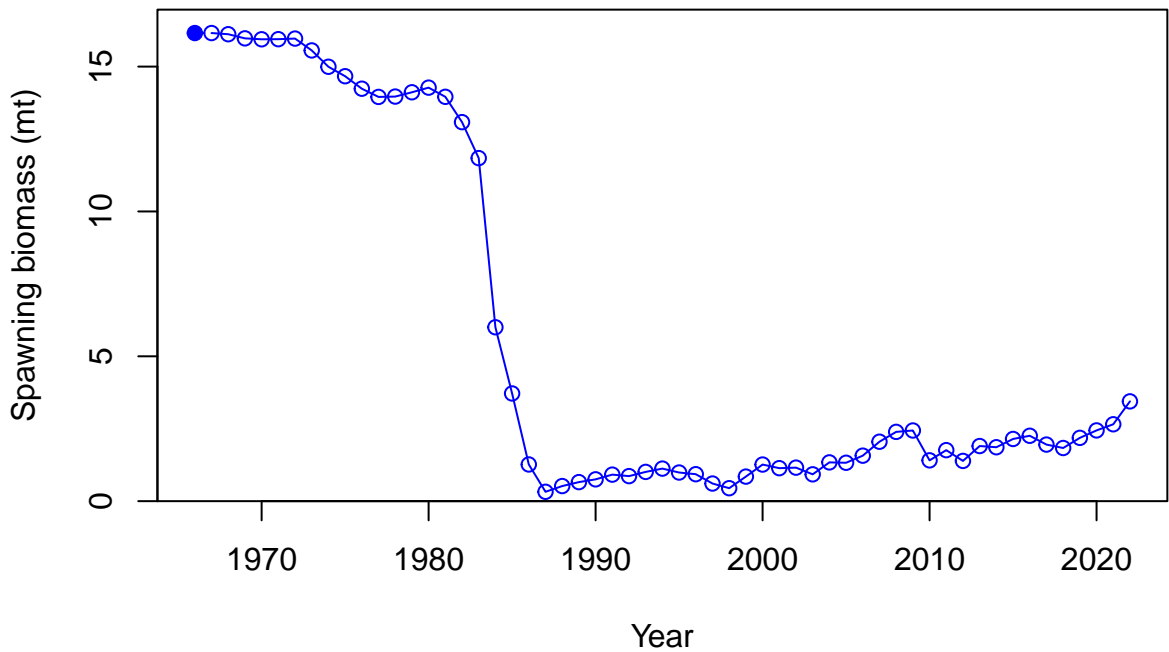
Selectivity



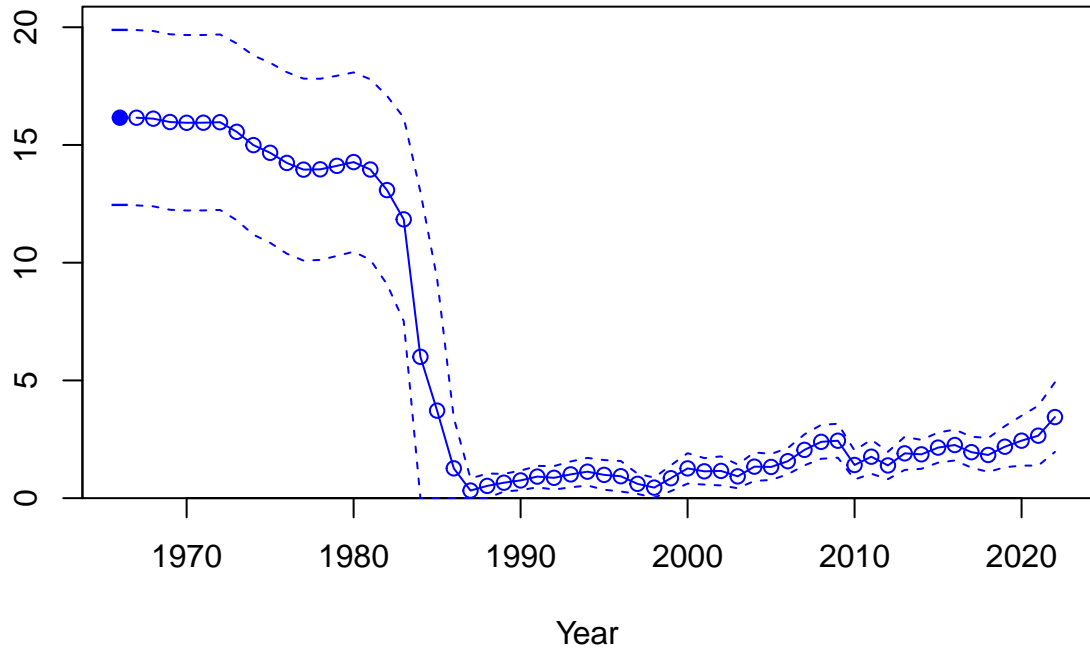
Selectivity



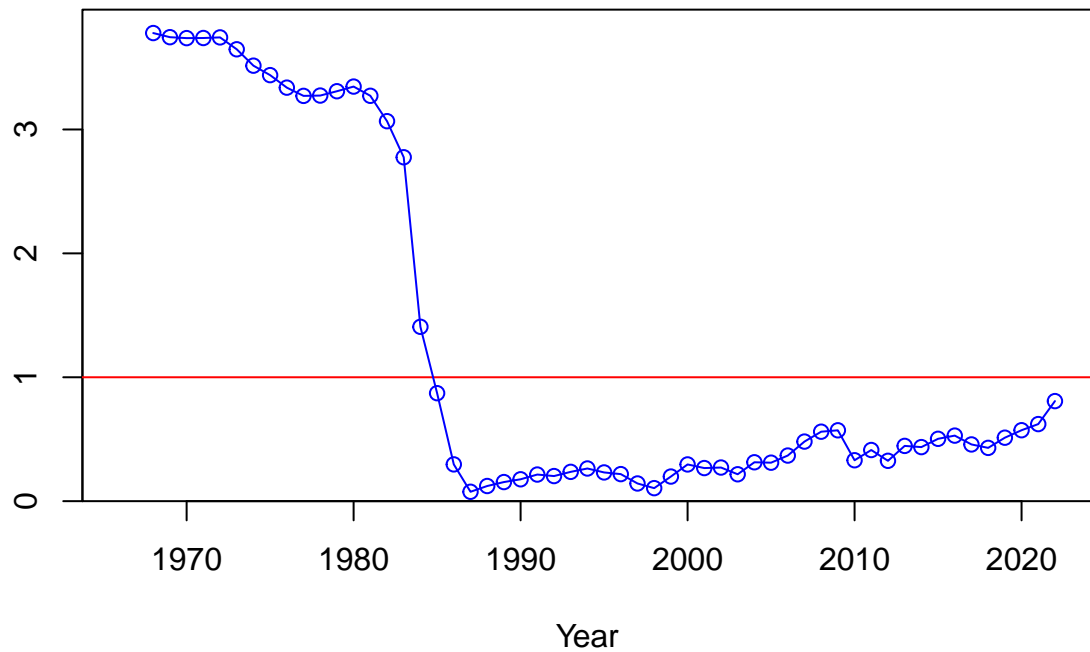




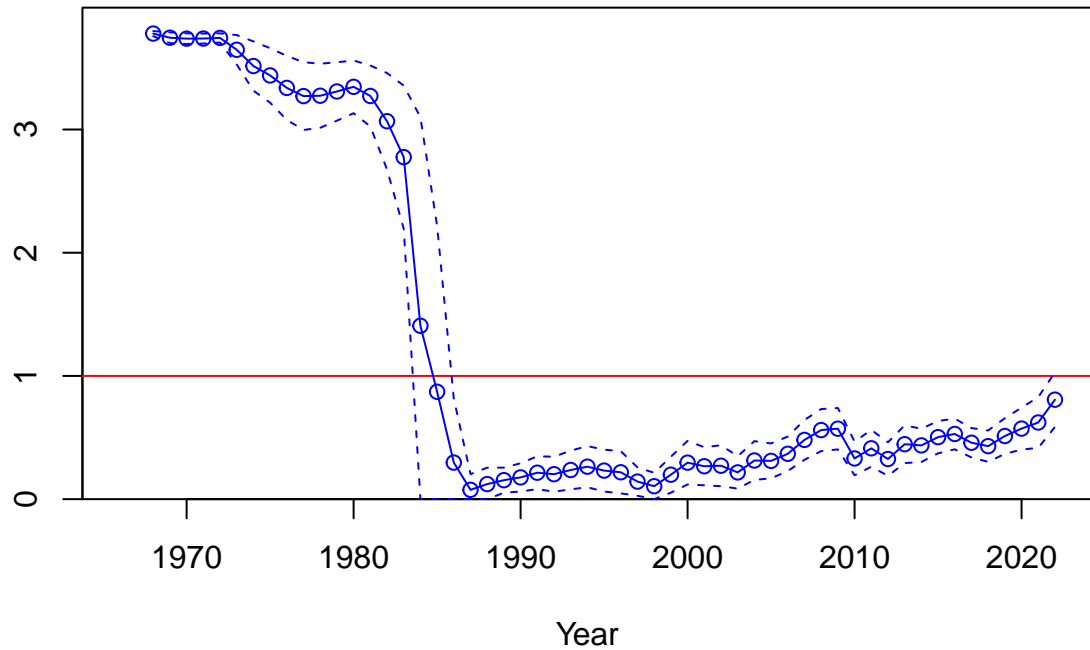
Spawning biomass (mt)

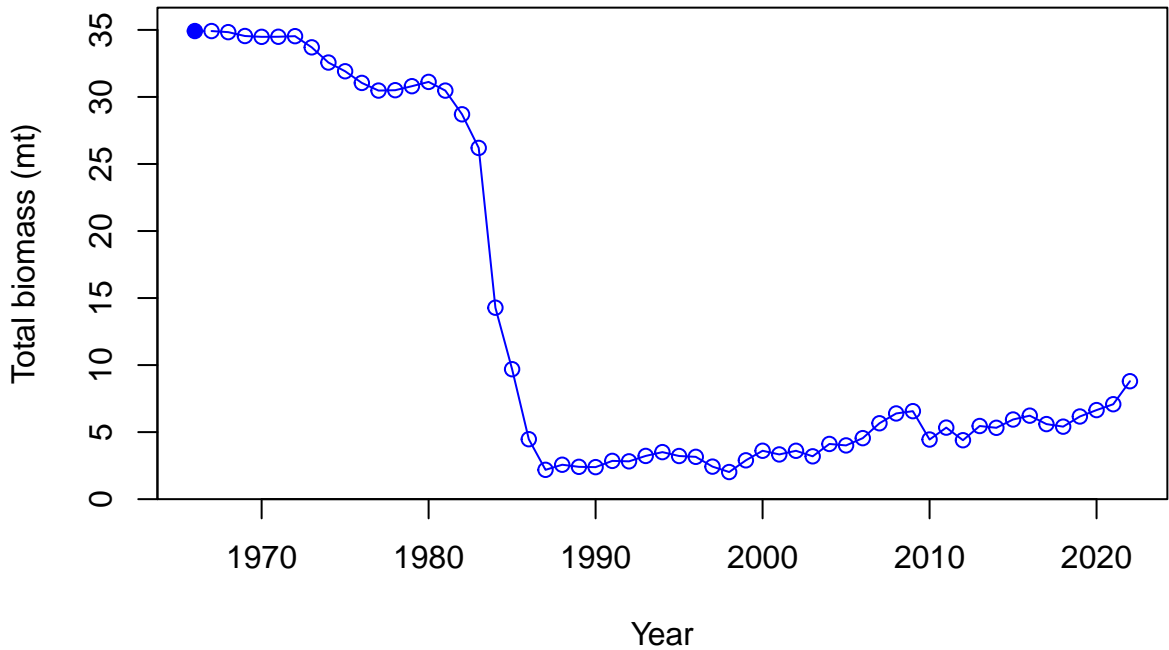


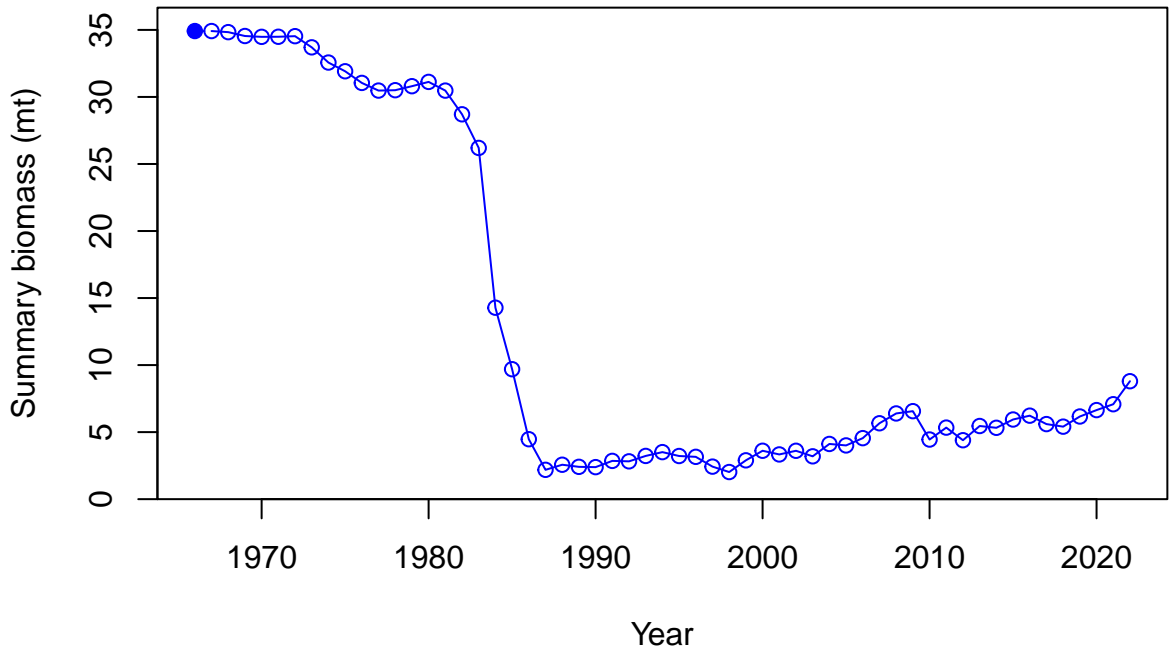
Relative spawning biomass: B/B_{MSY}



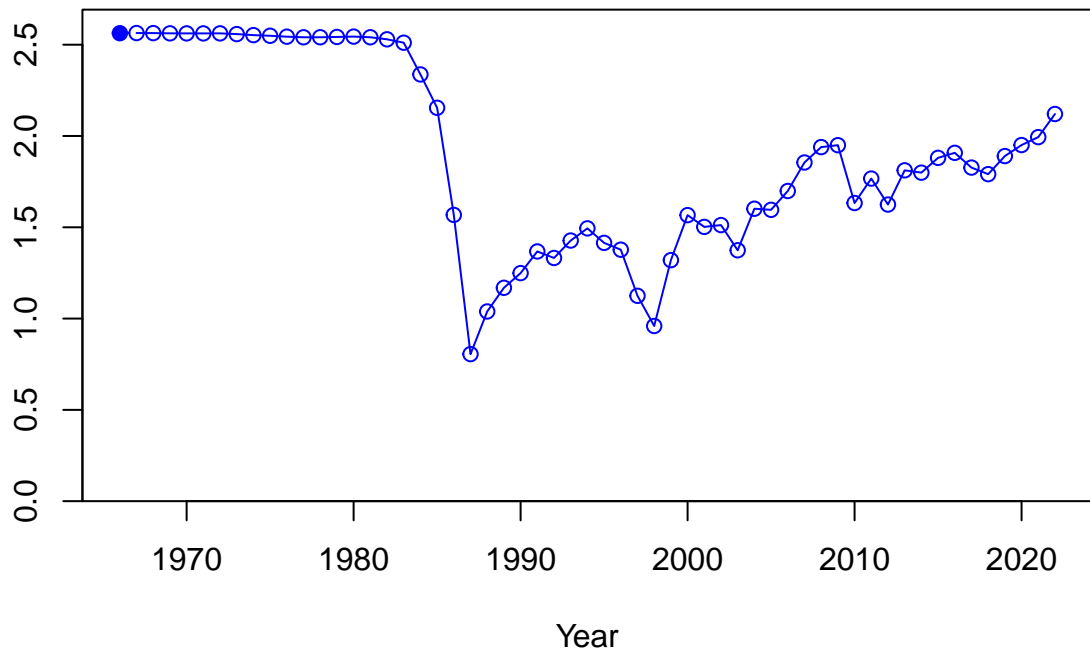
Relative spawning biomass: B/B_{MSY}



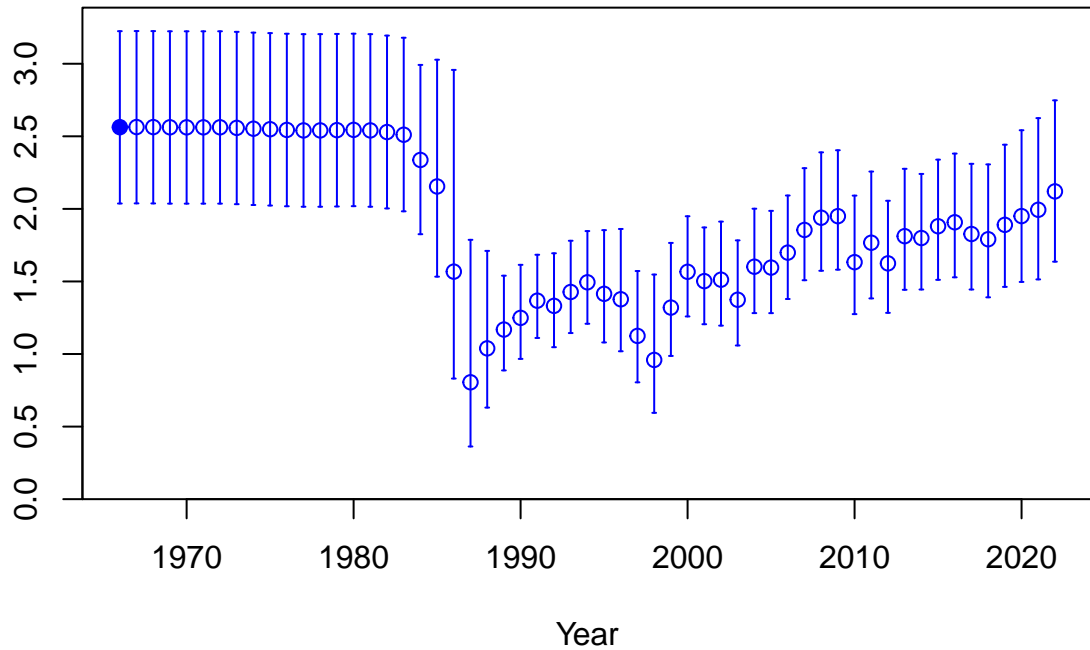




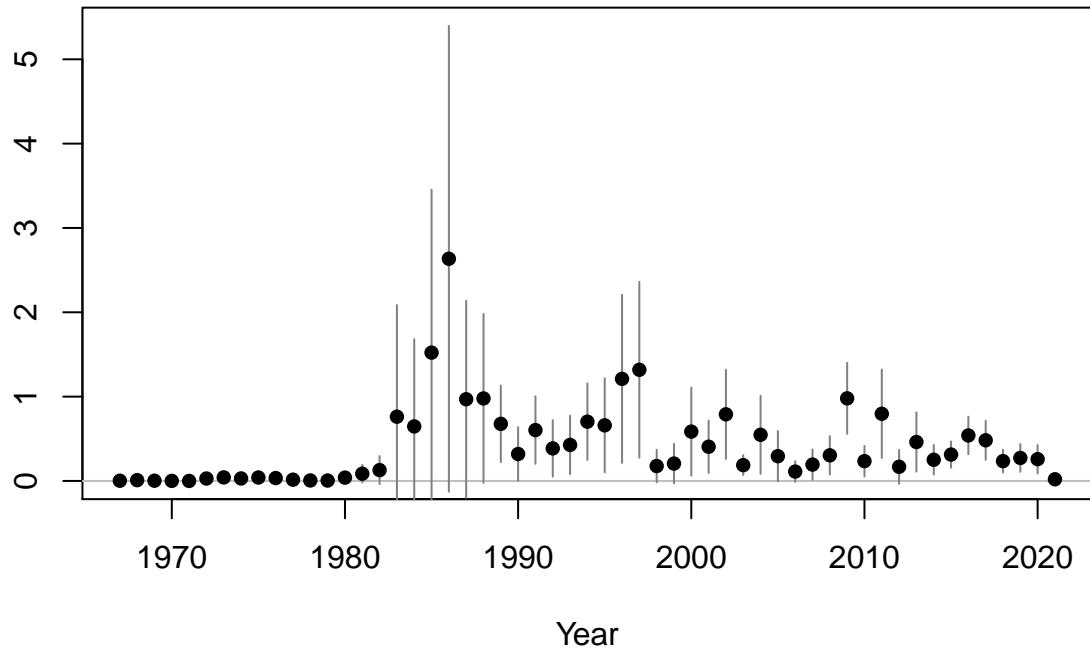
Age-0 recruits (1,000s)

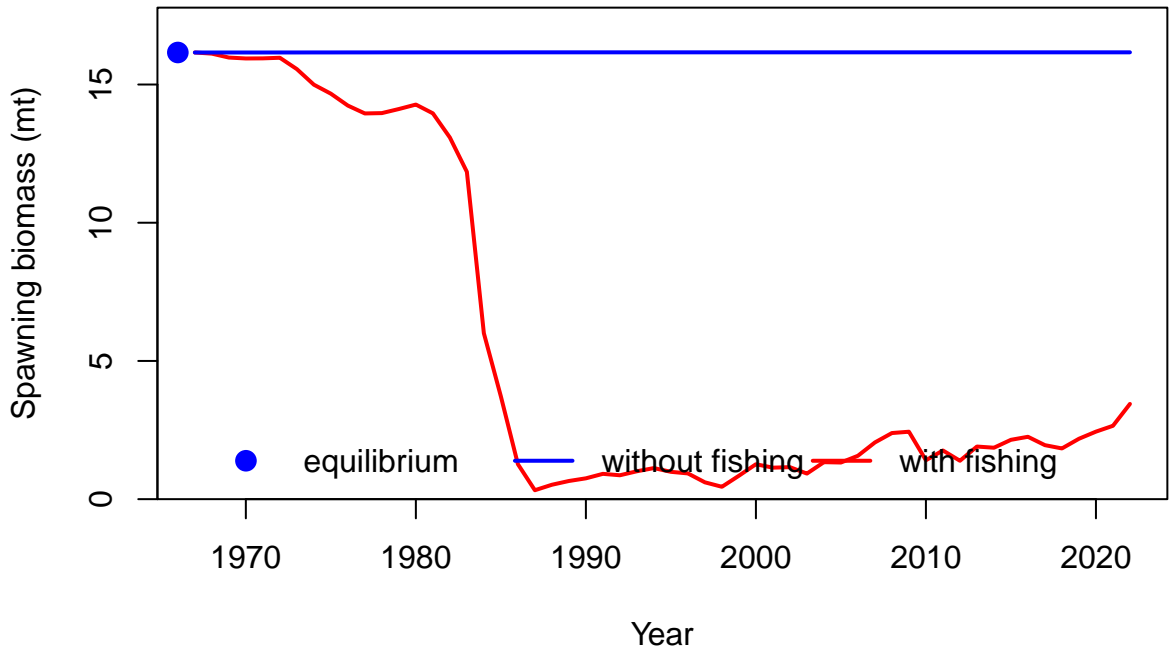


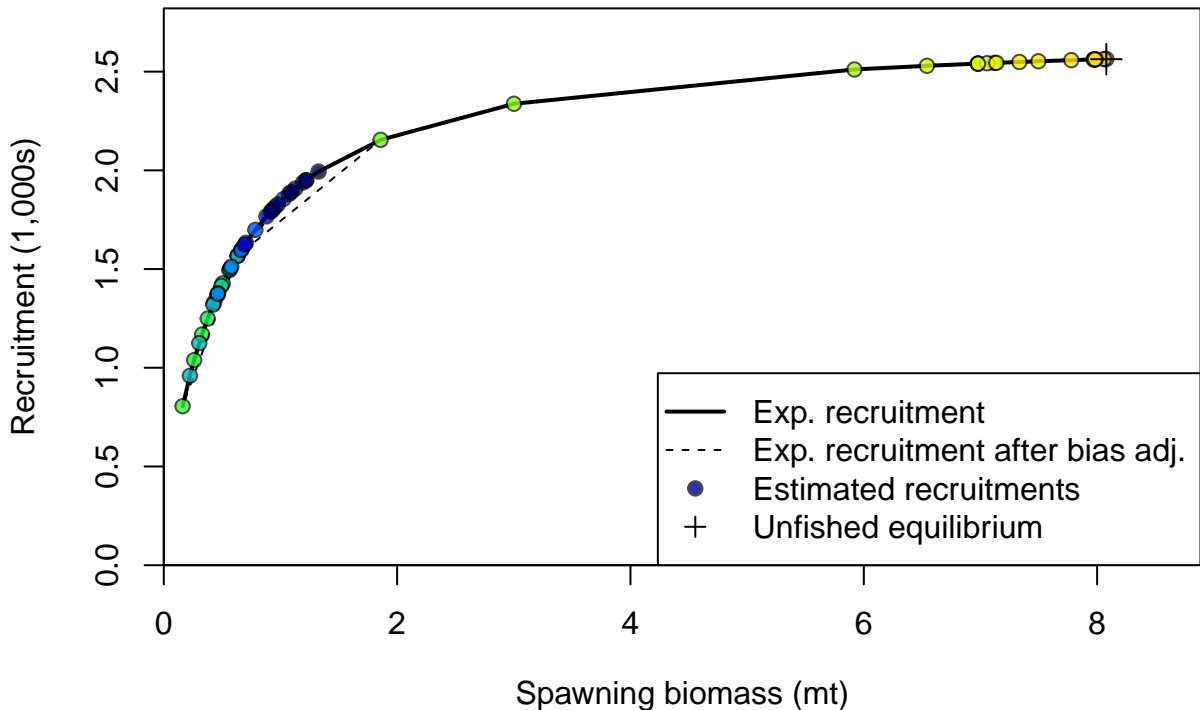
Age-0 recruits (1,000s)

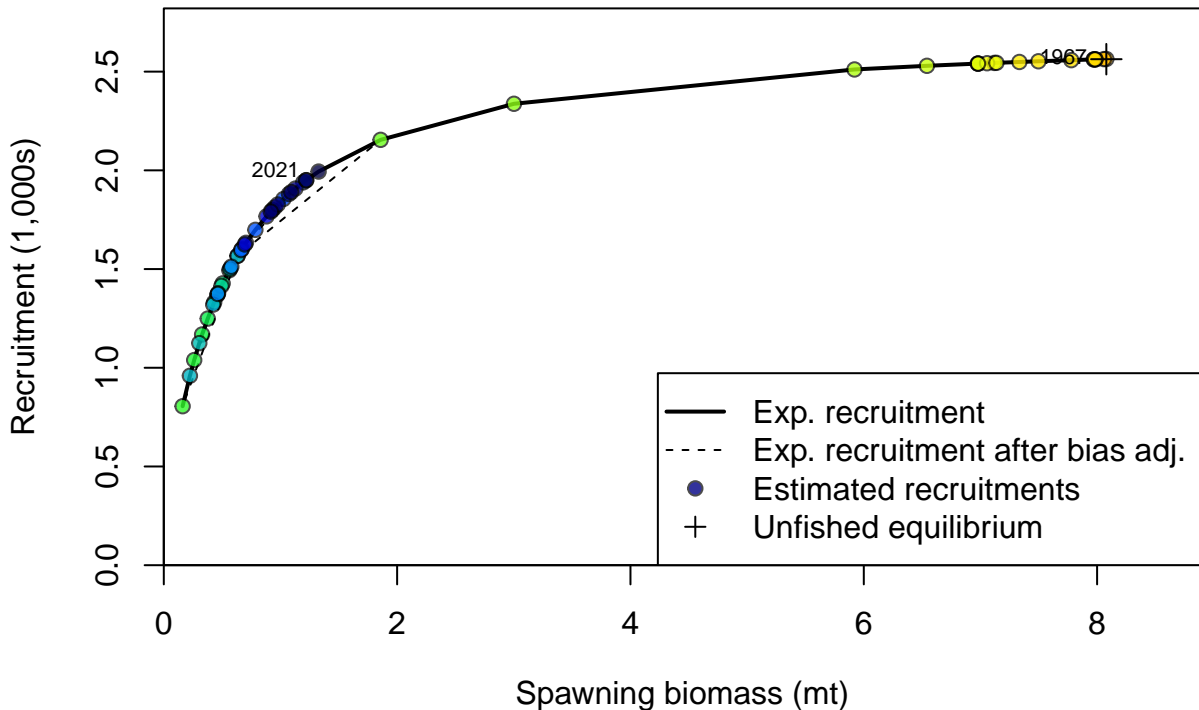


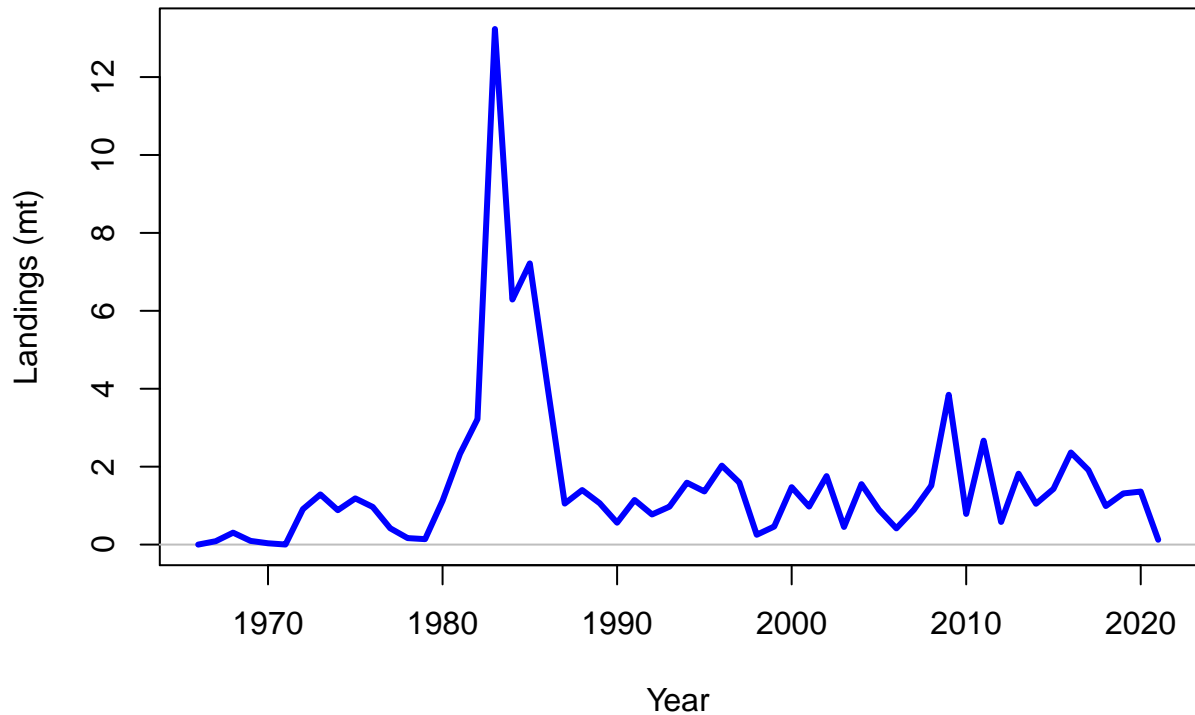
Summary Fishing Mortality

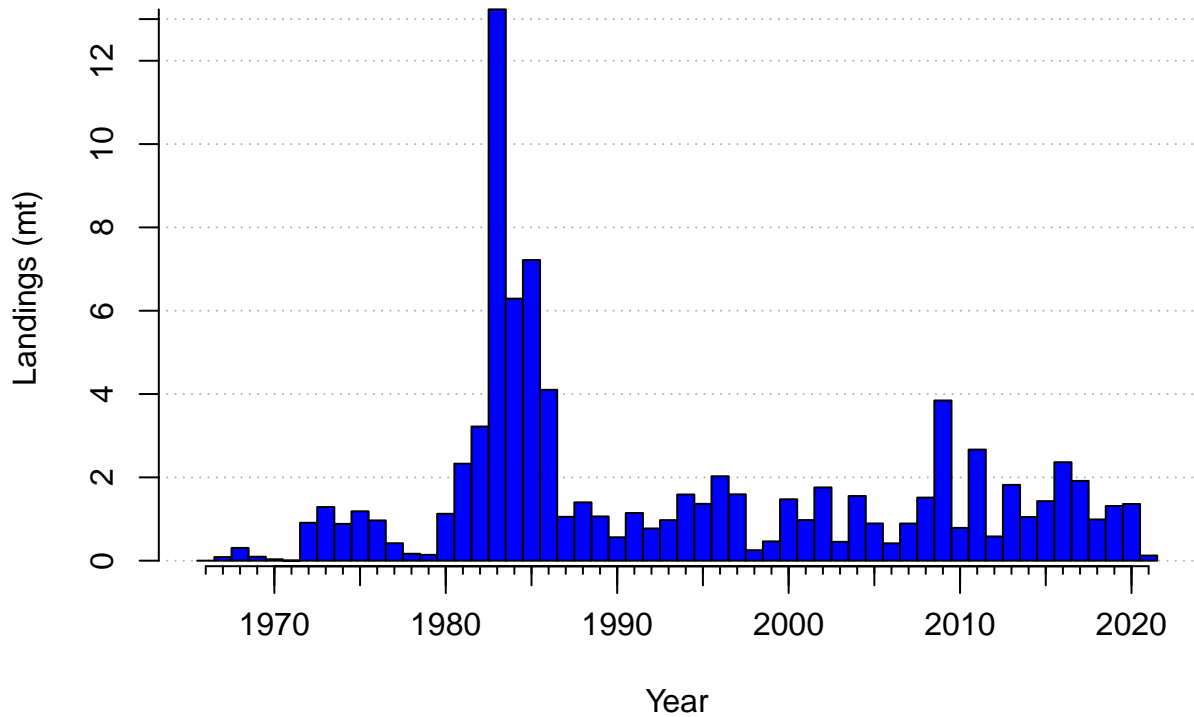












Observed and expected Landings (mt)

FISHERY
FISHERY obs.

12
10
8
6
4
2
0

1970

1980

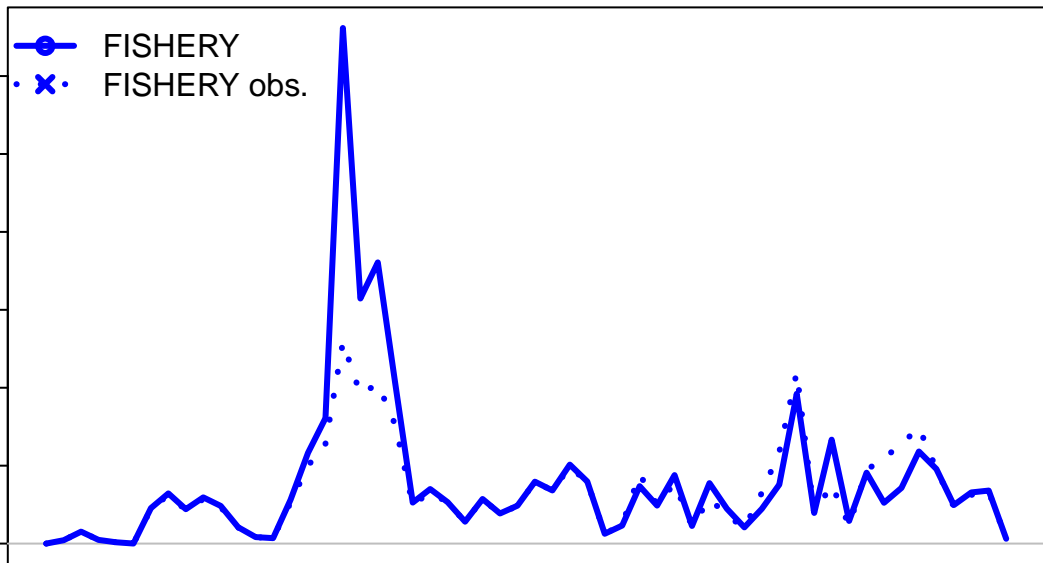
1990

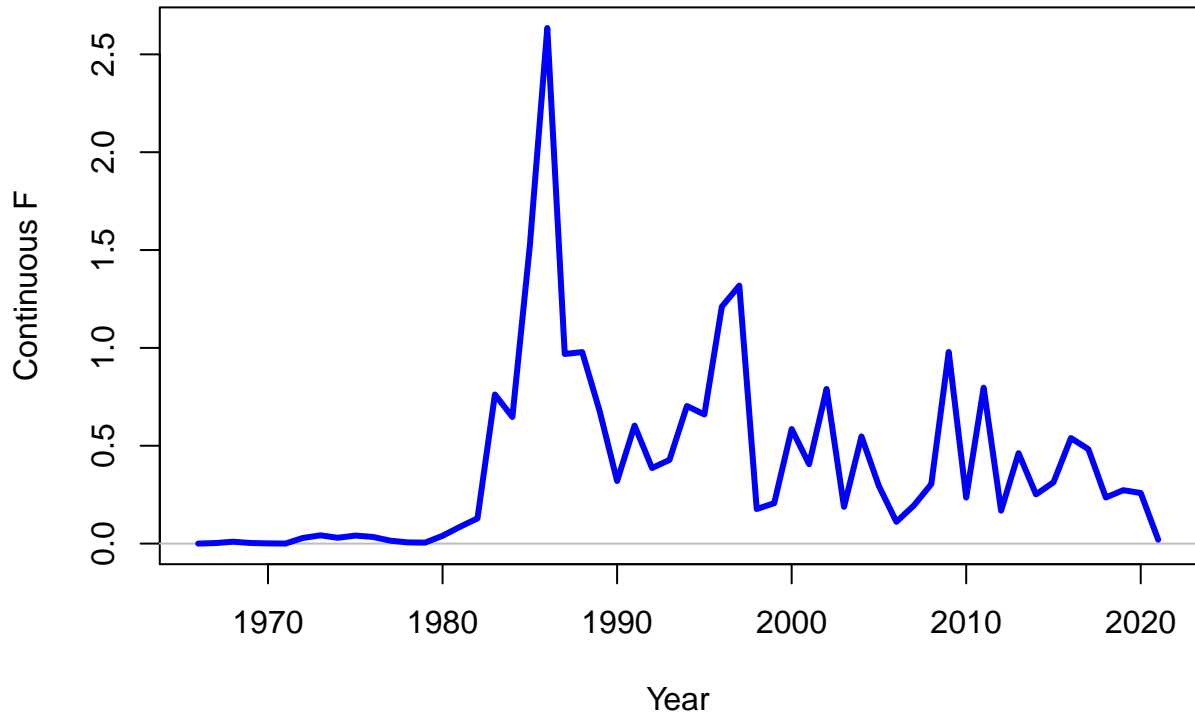
2000

2010

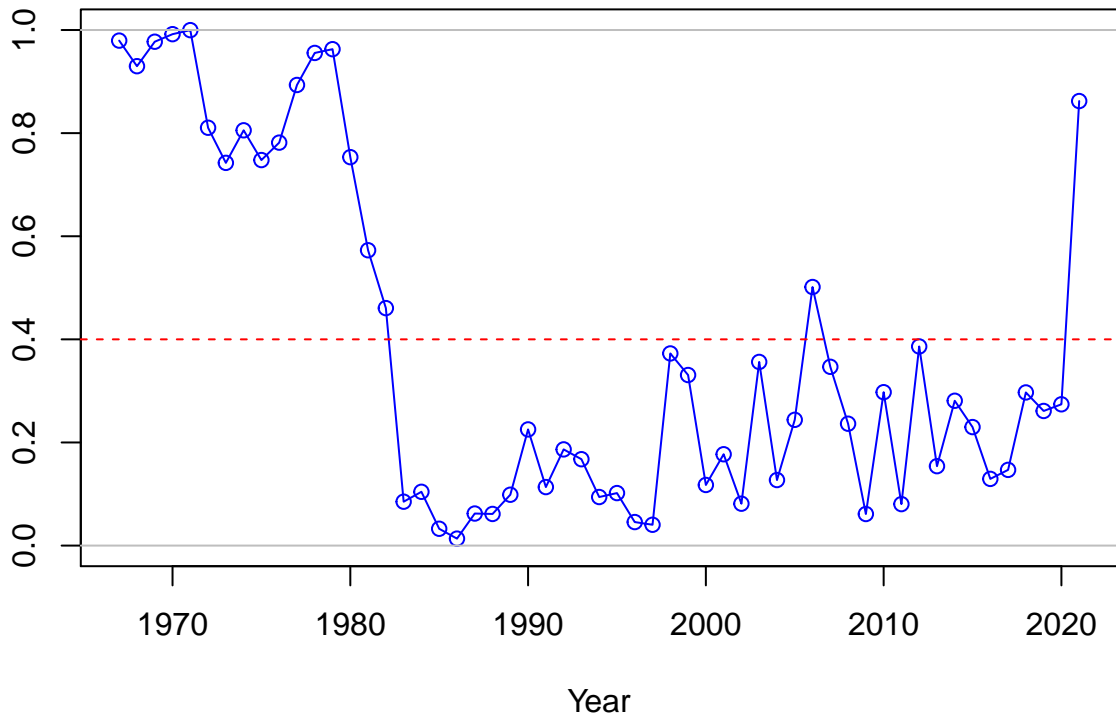
2020

Year

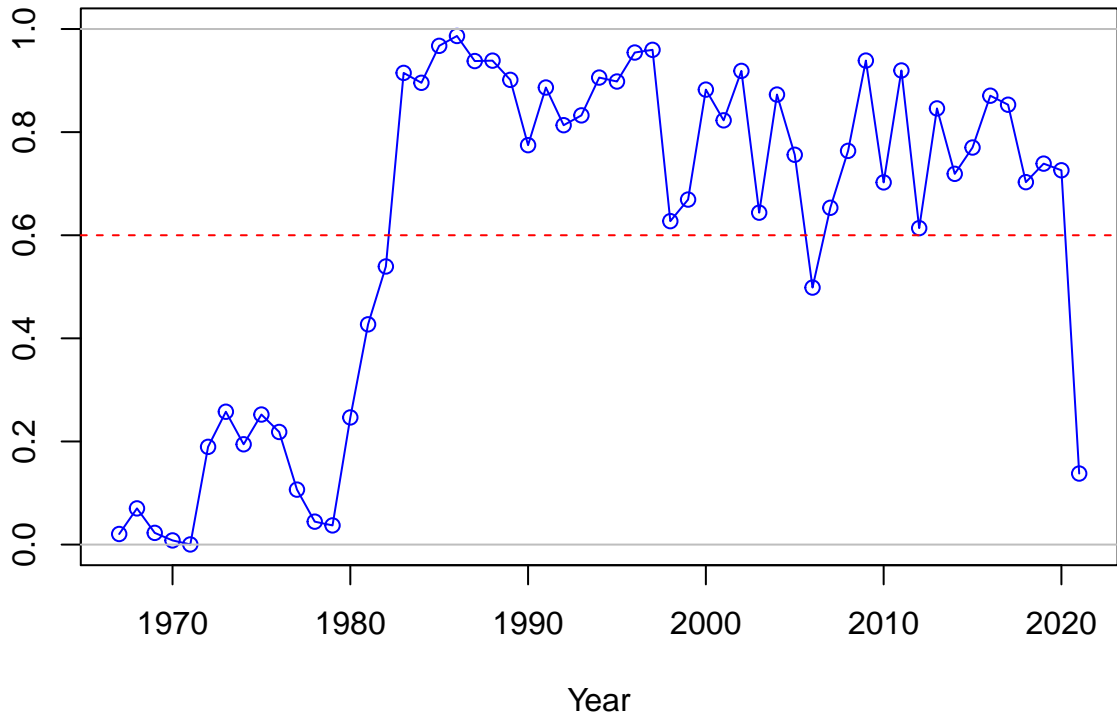




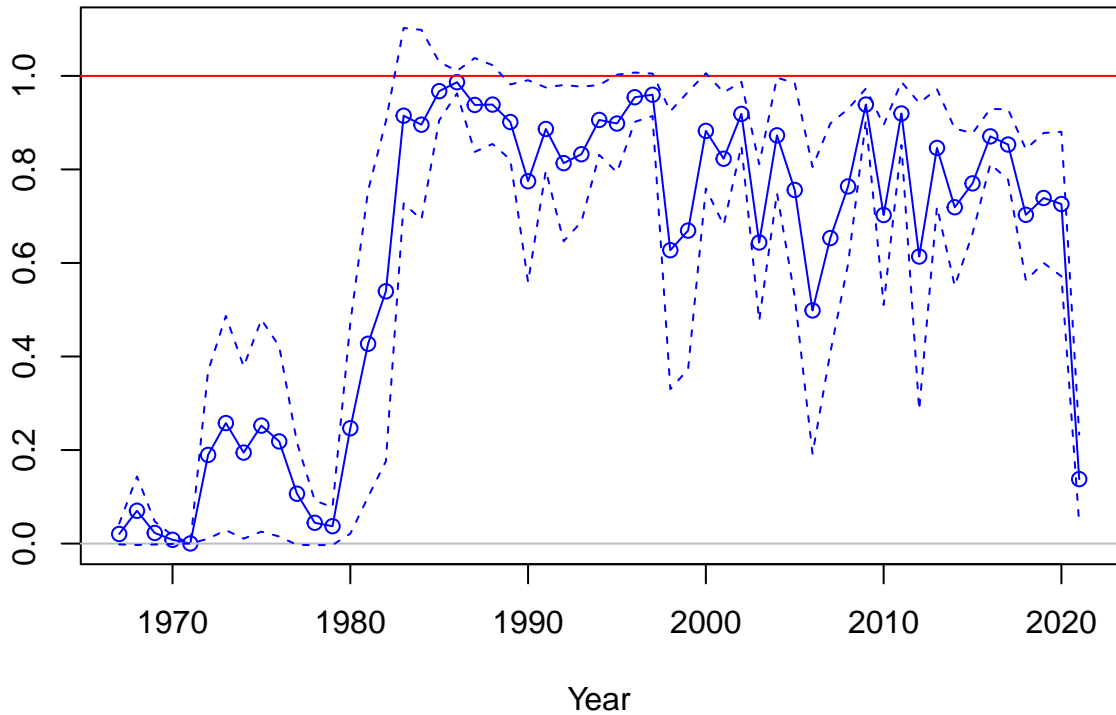
SPR



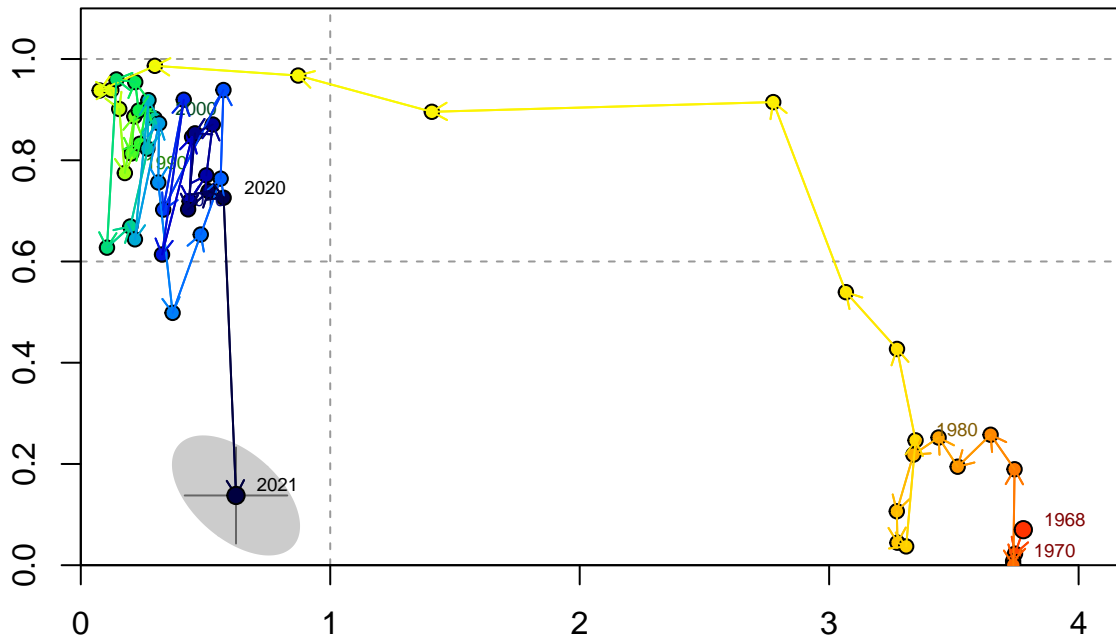
1-SPR



Fishing intensity: 1-SPR

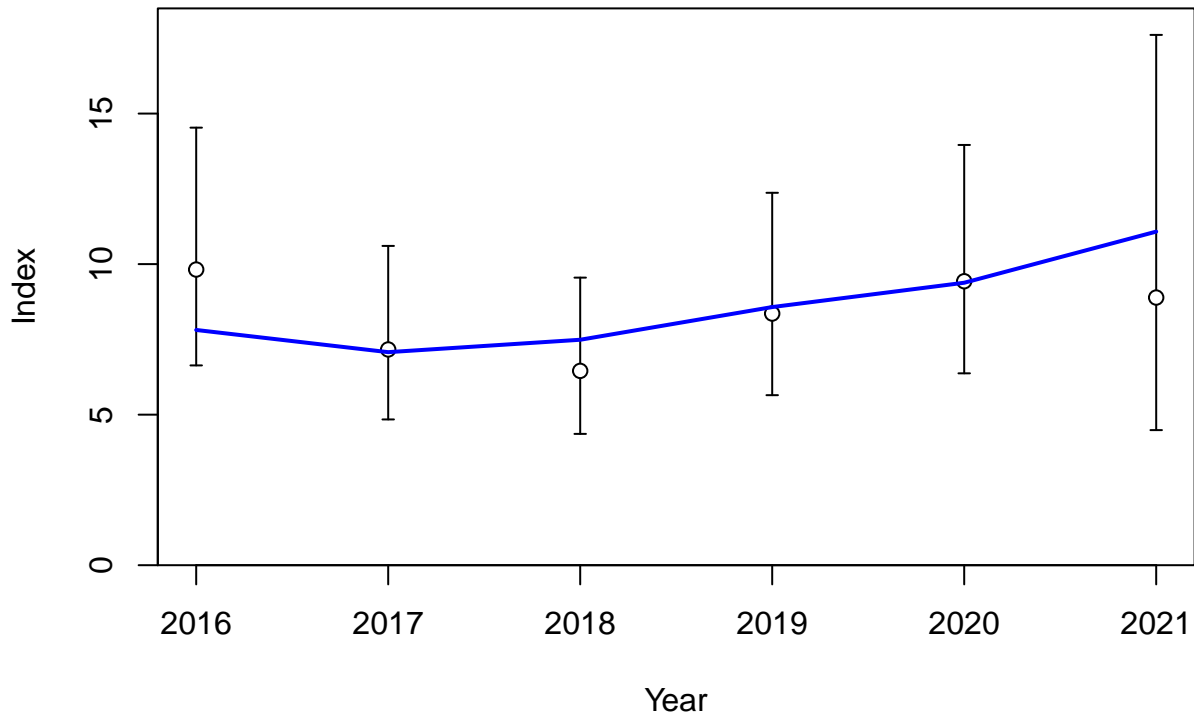


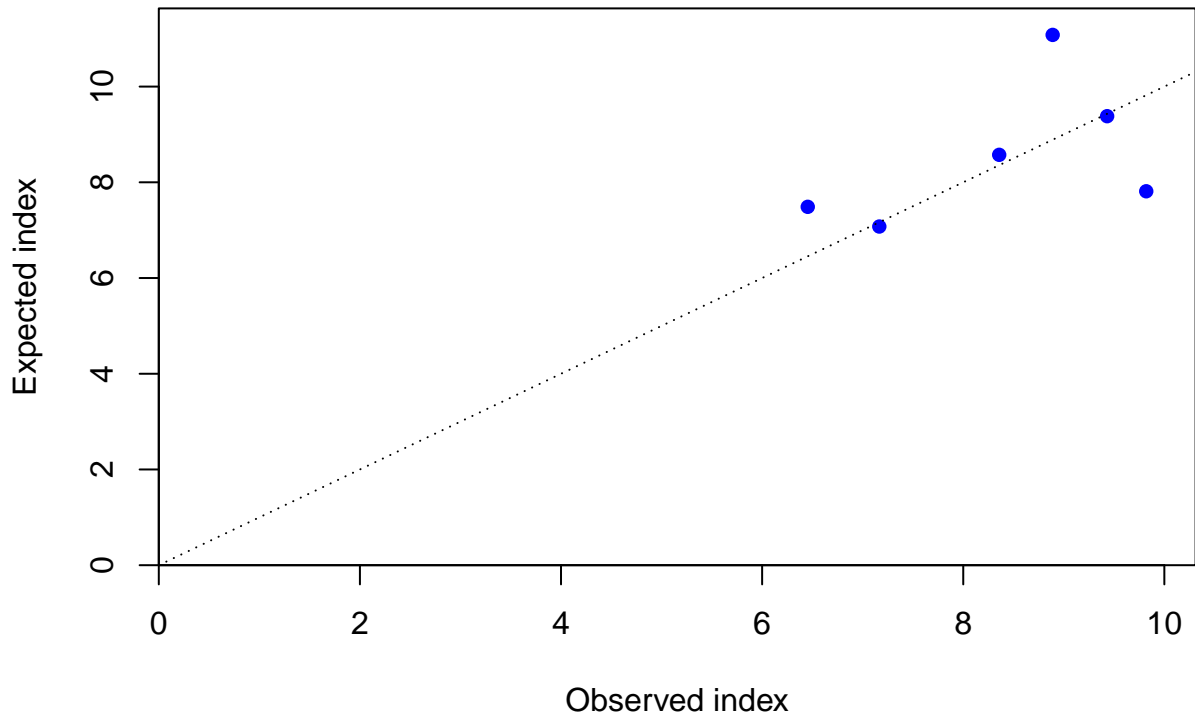
Fishing intensity: 1-SPR



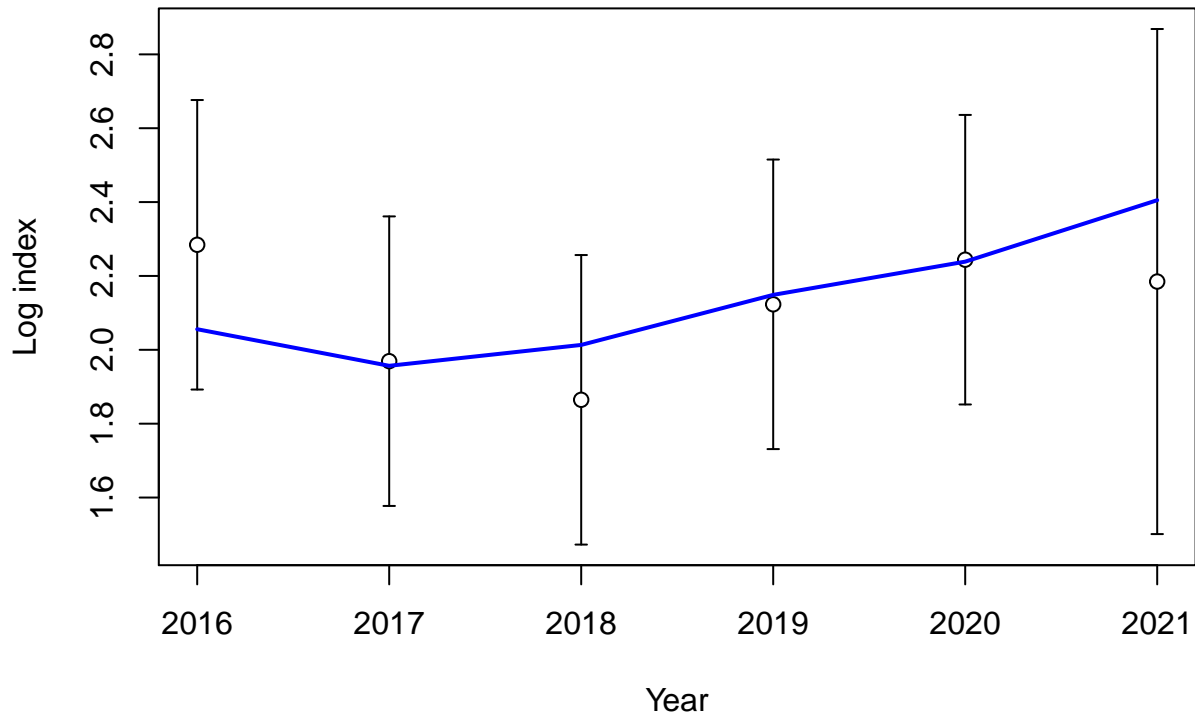
Relative spawning output: B/B_{MSY}

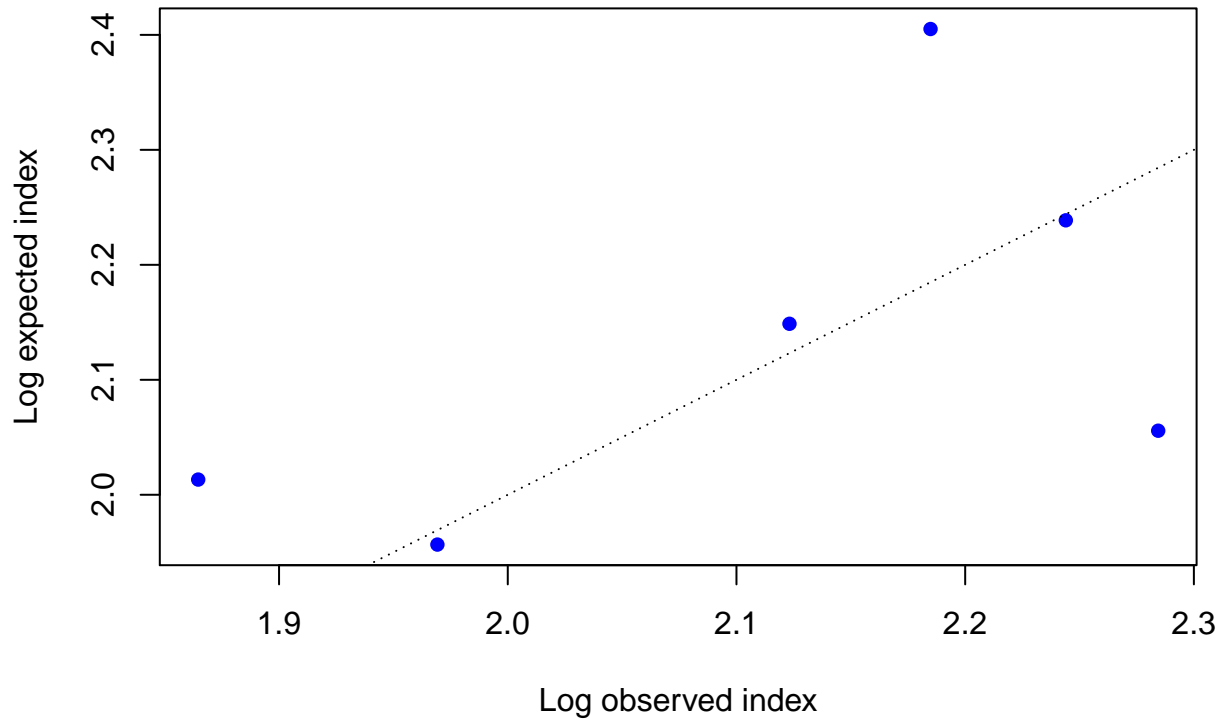


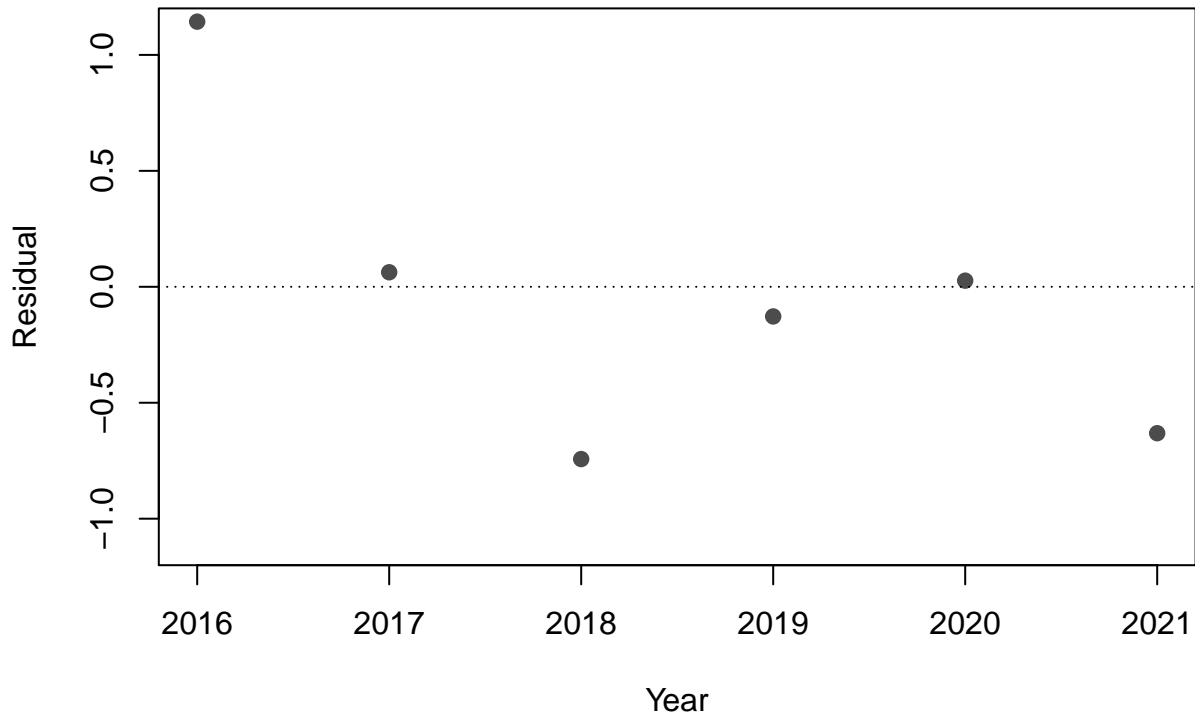


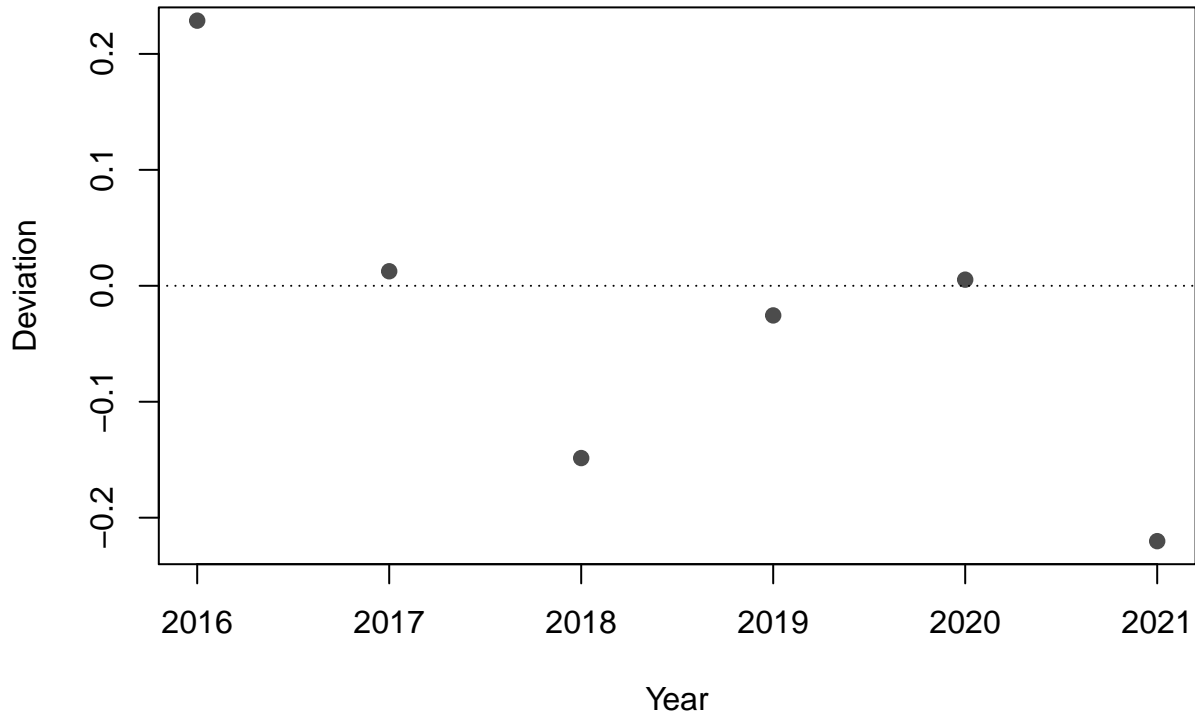




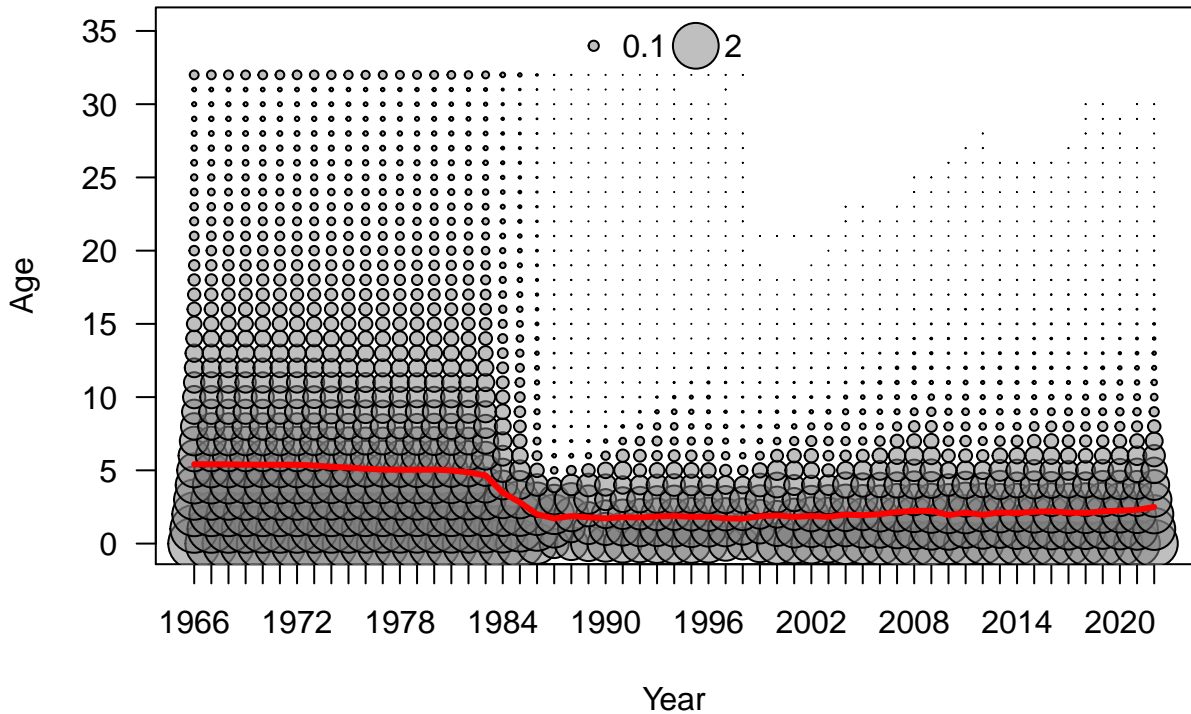


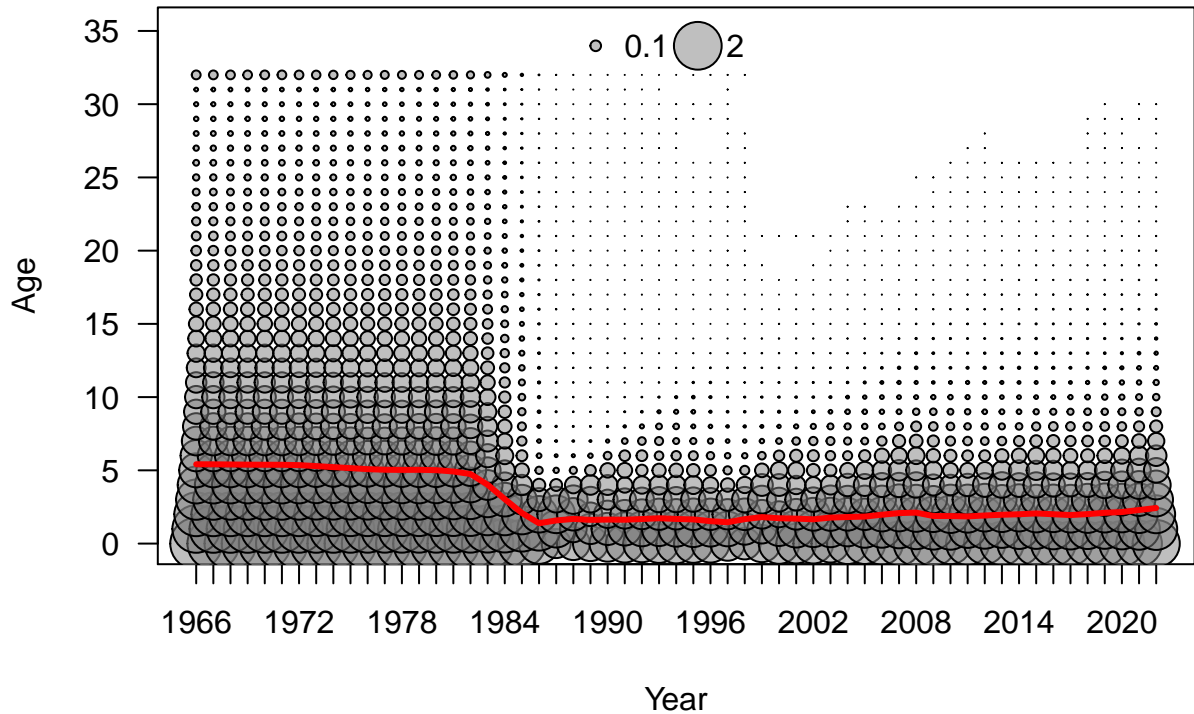


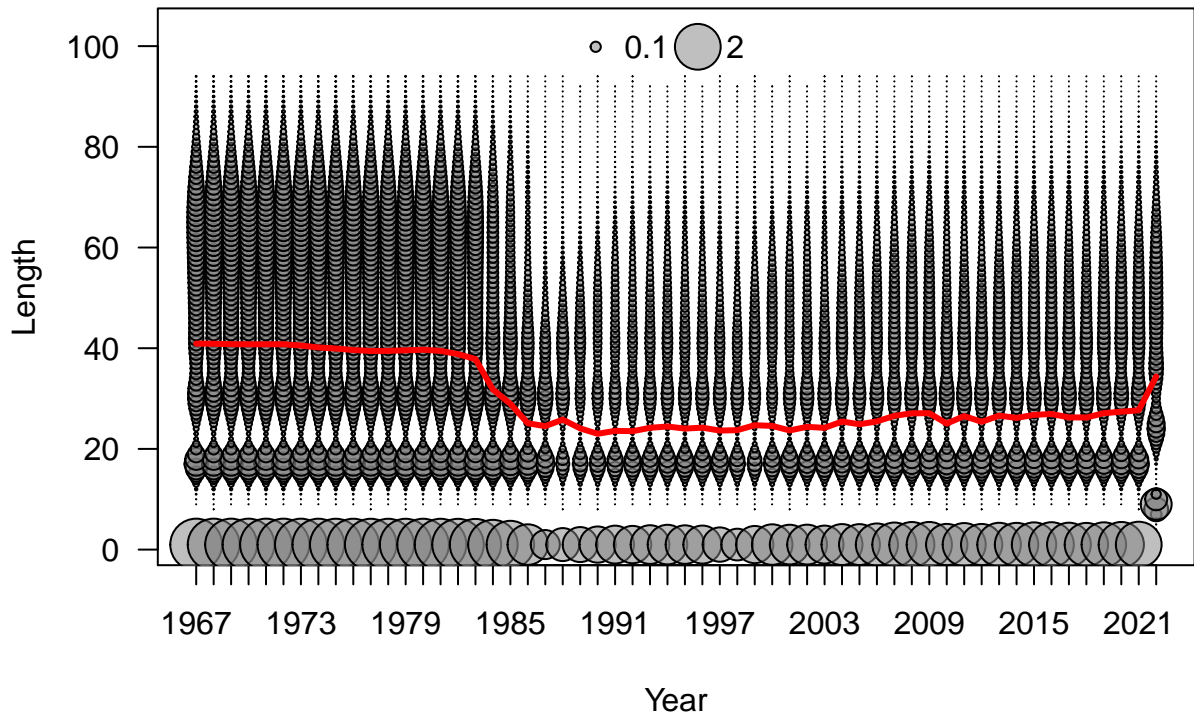


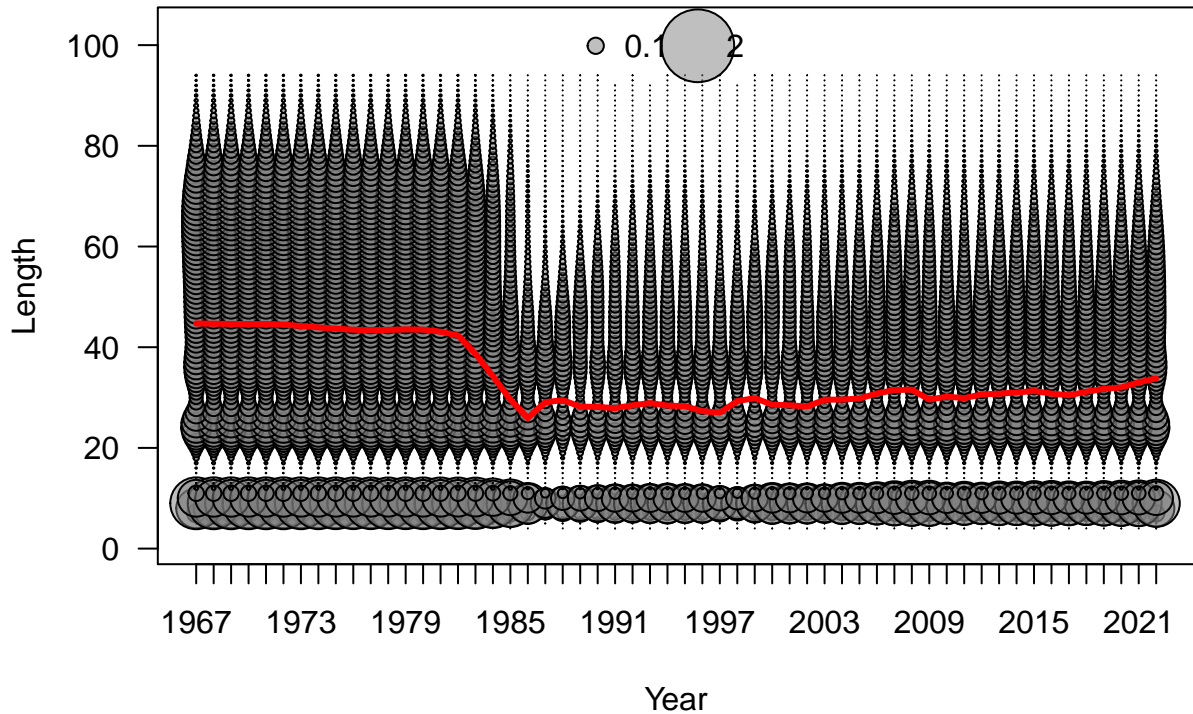


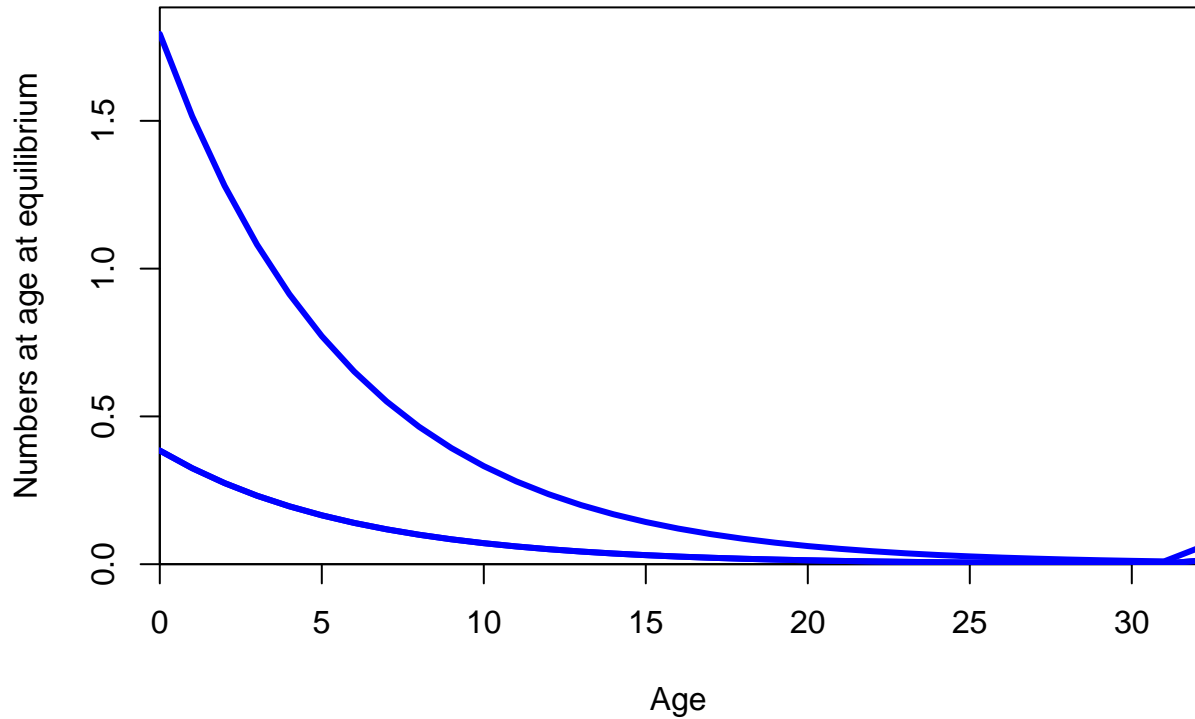


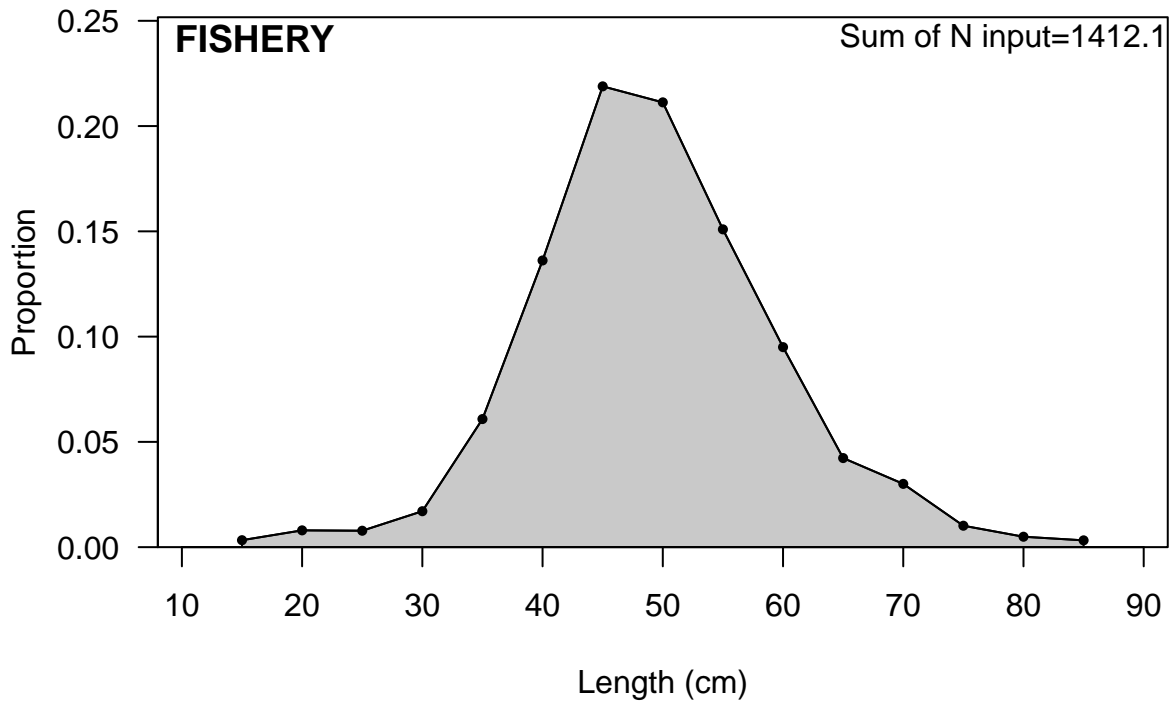


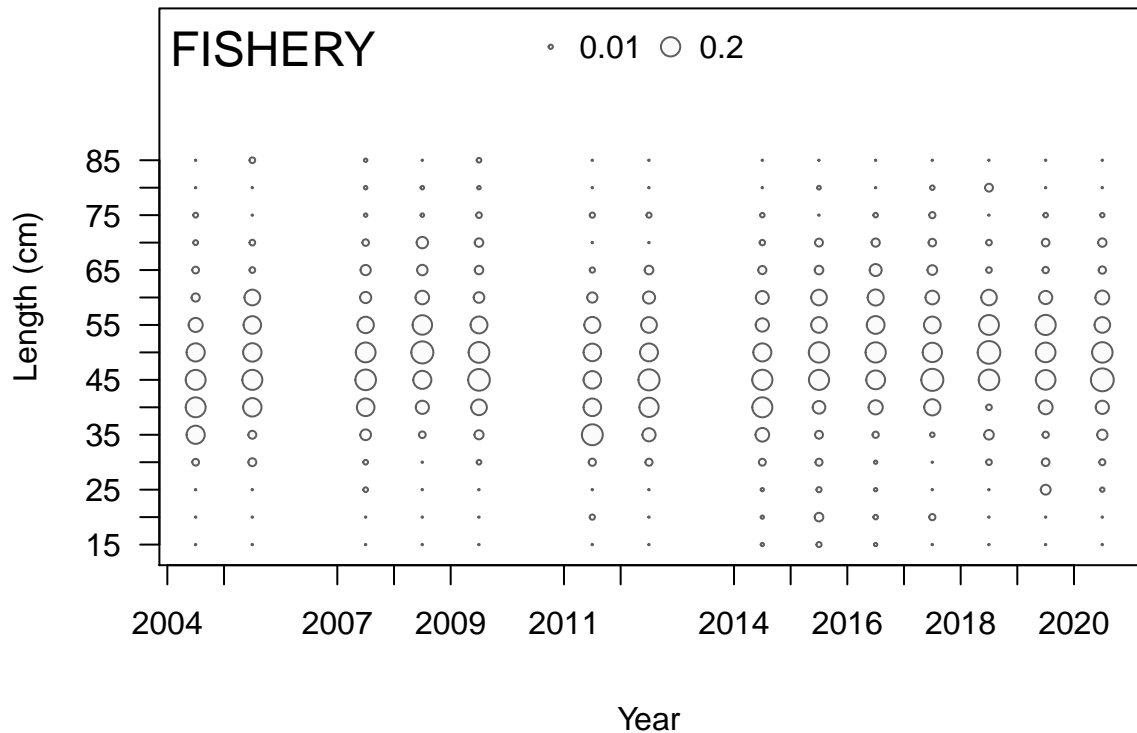




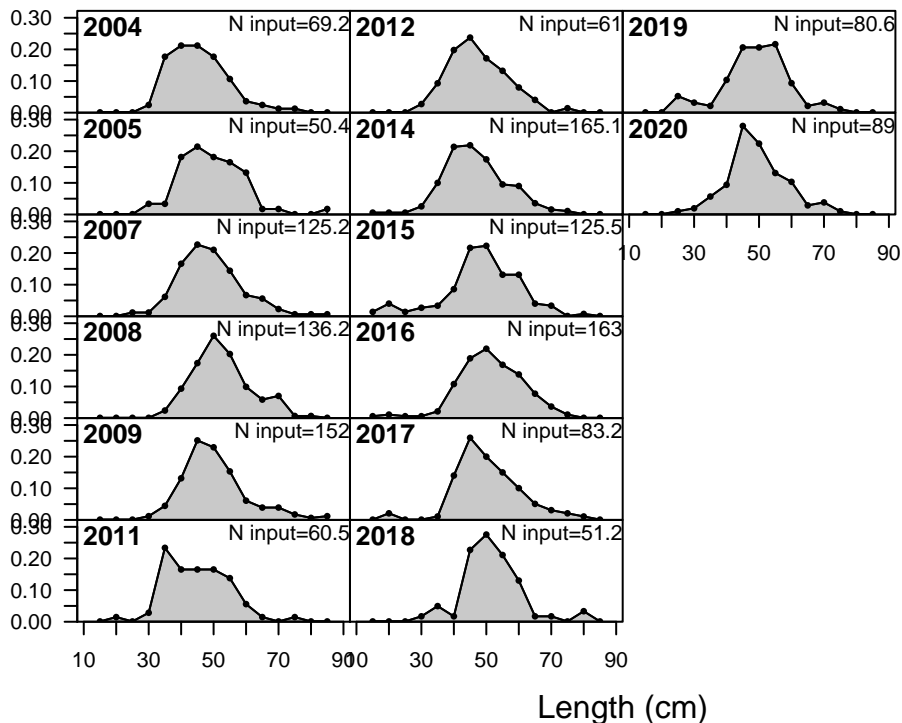


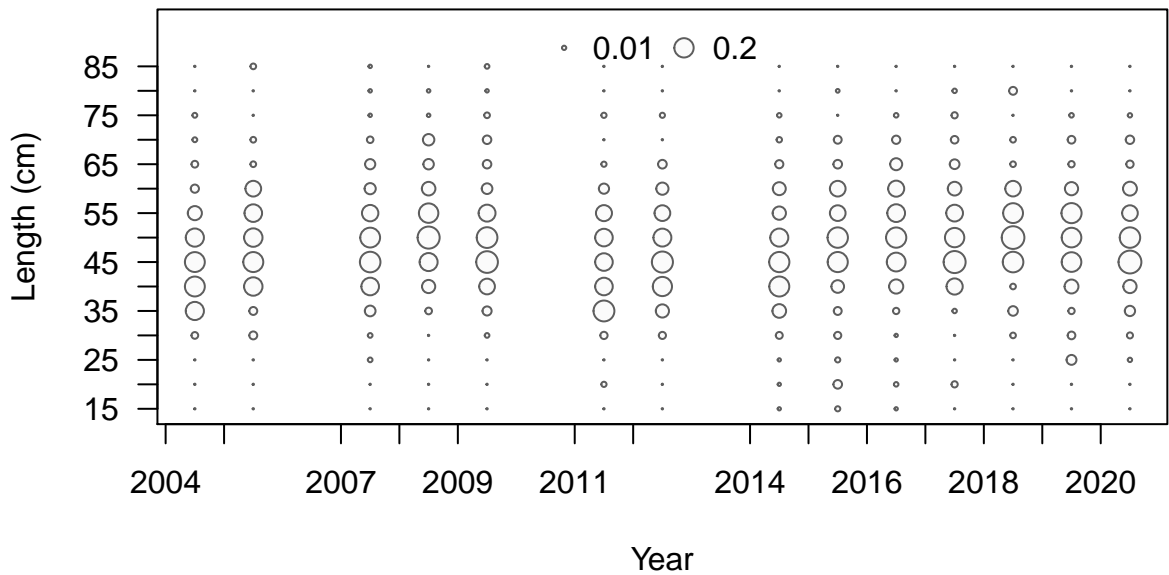




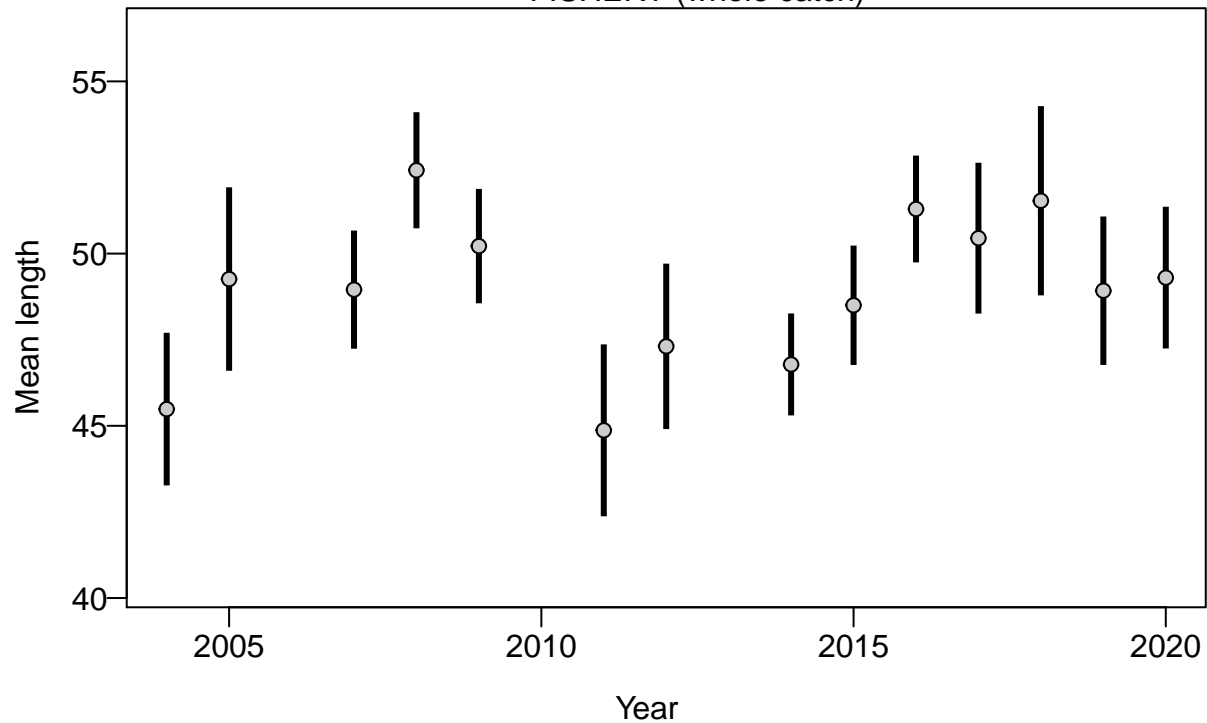


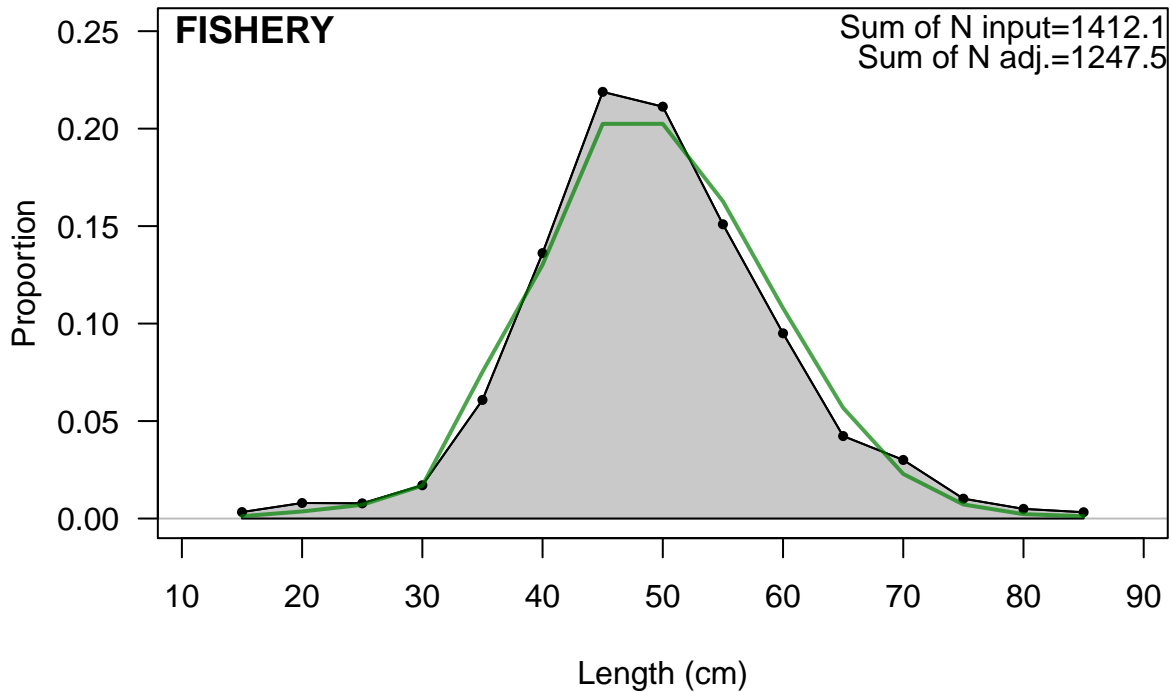
Proportion

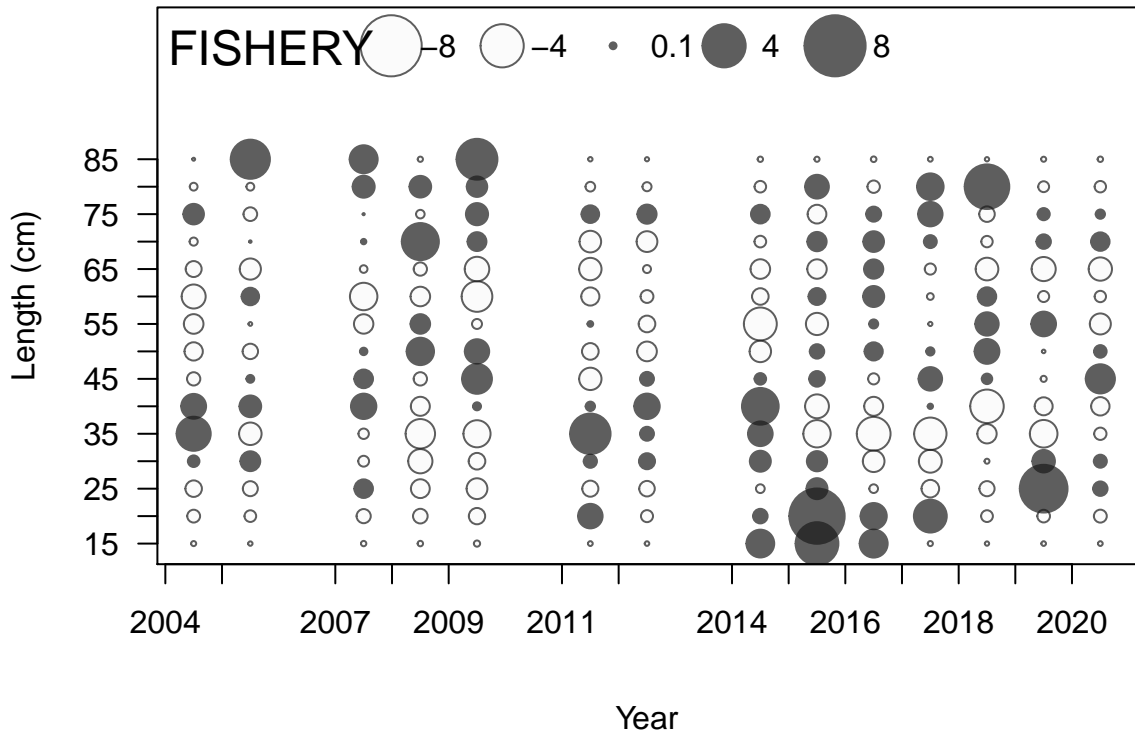


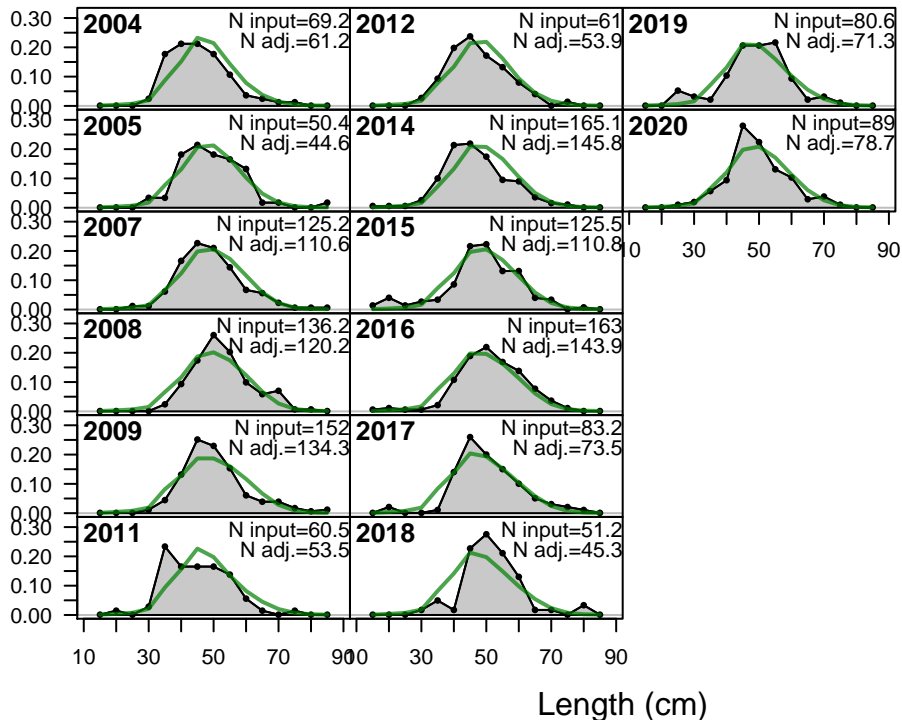


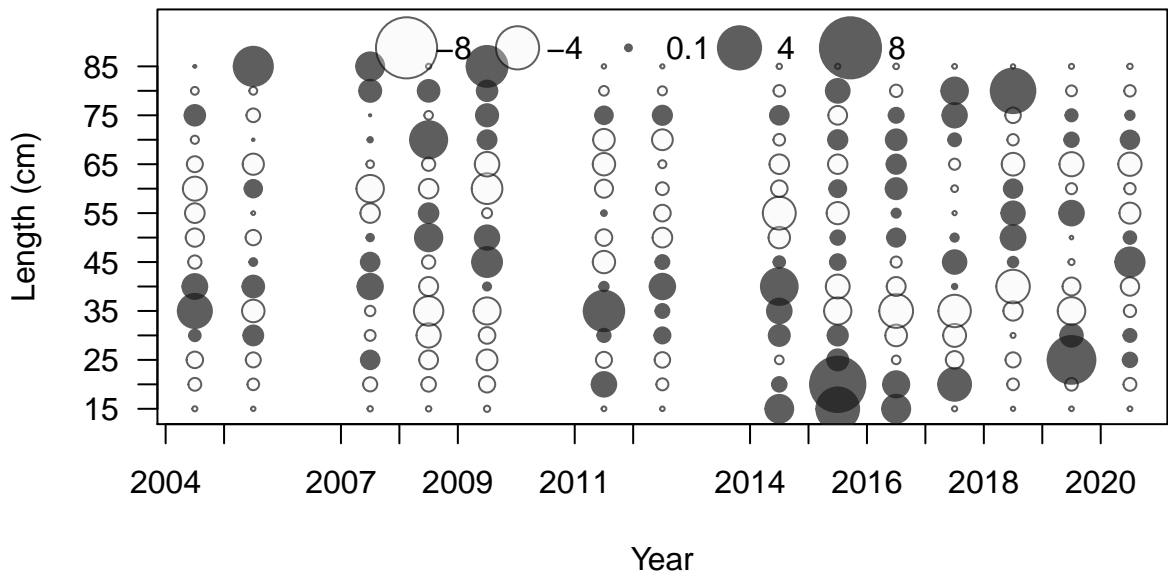
FISHERY (whole catch)



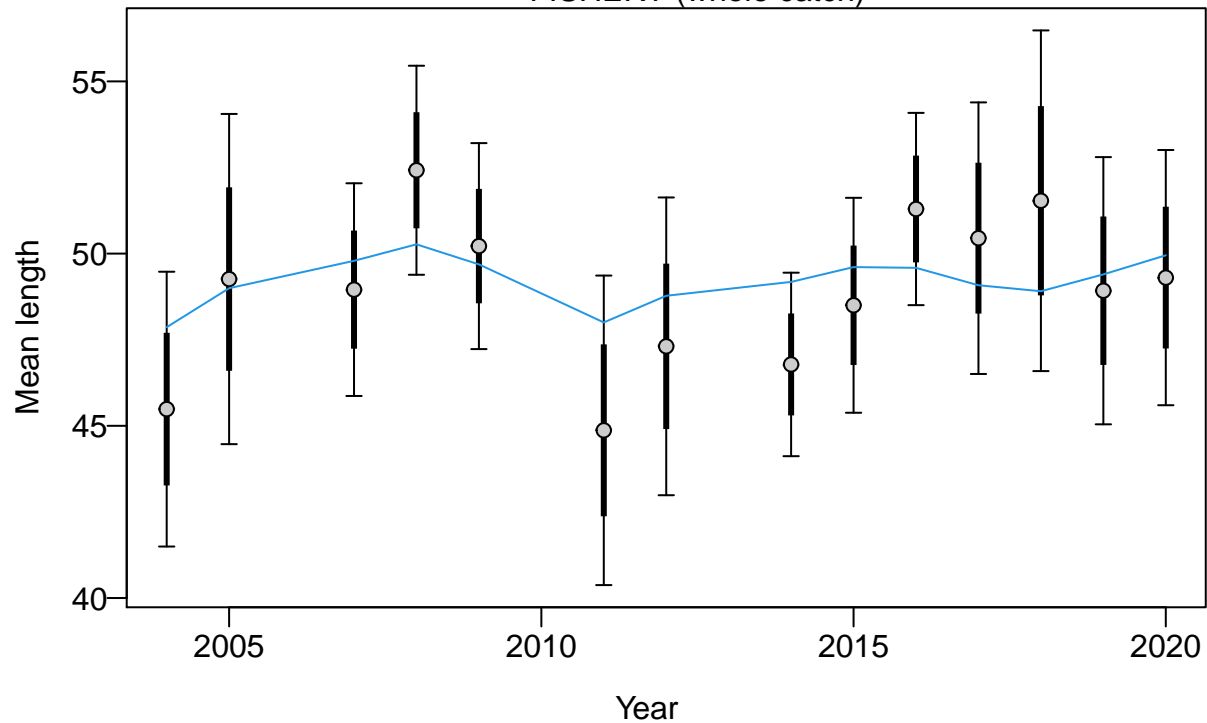


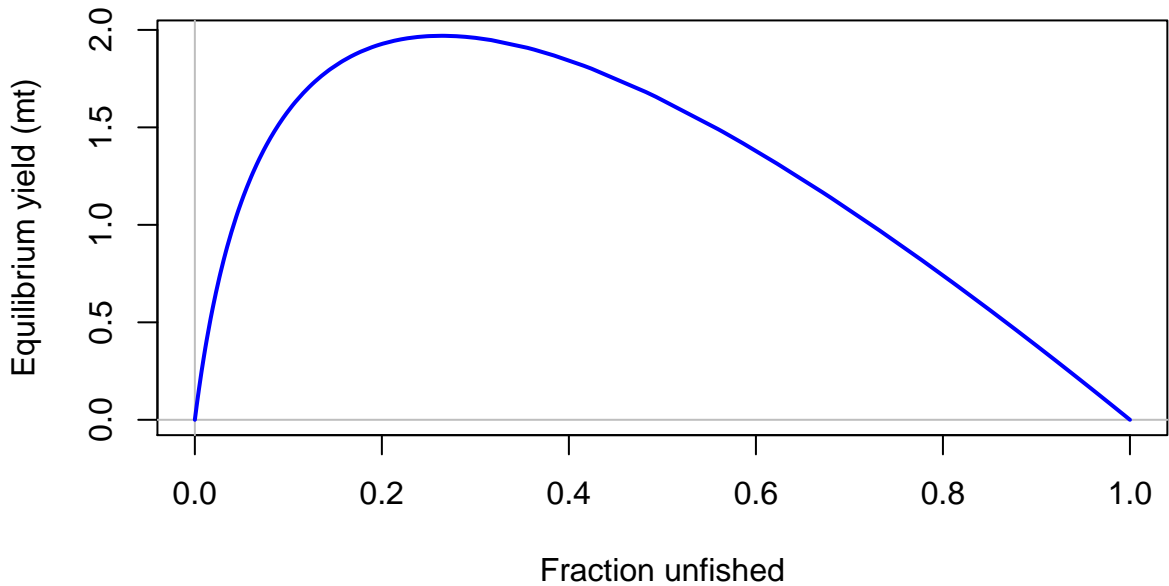


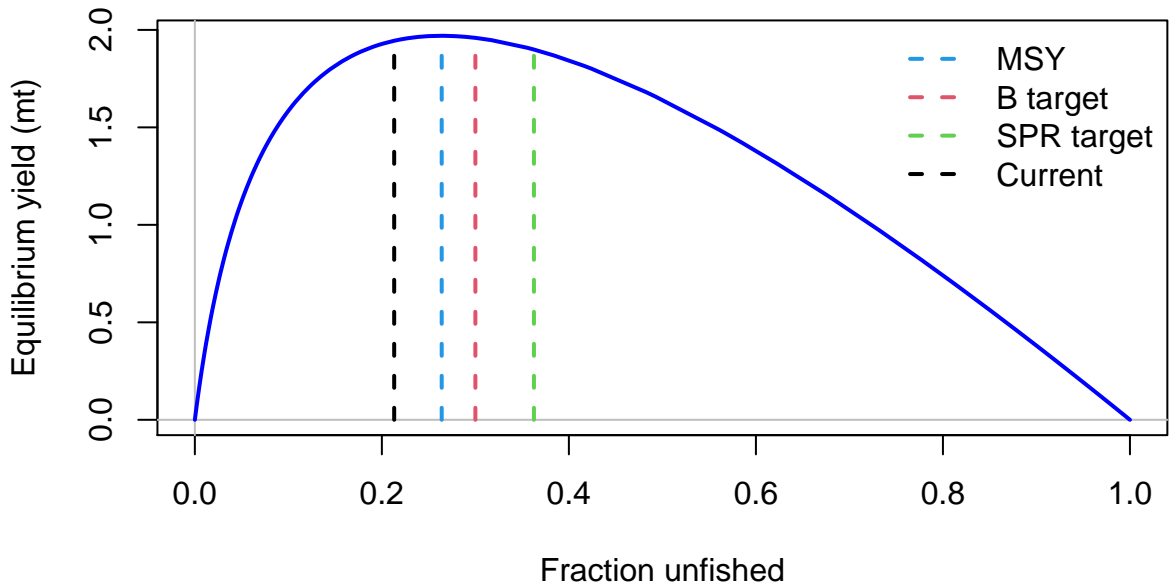


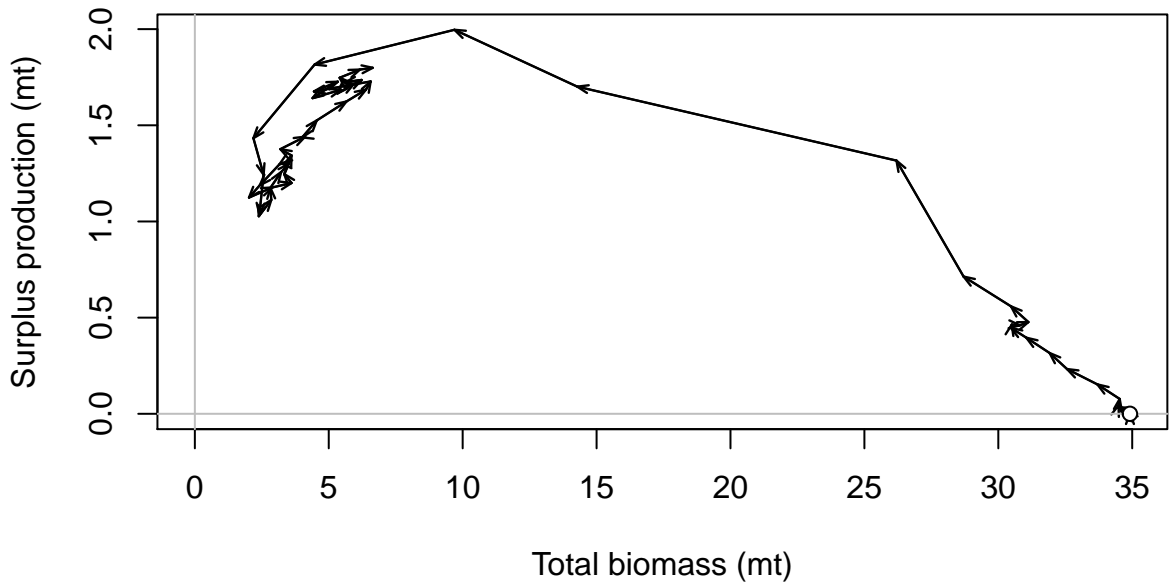


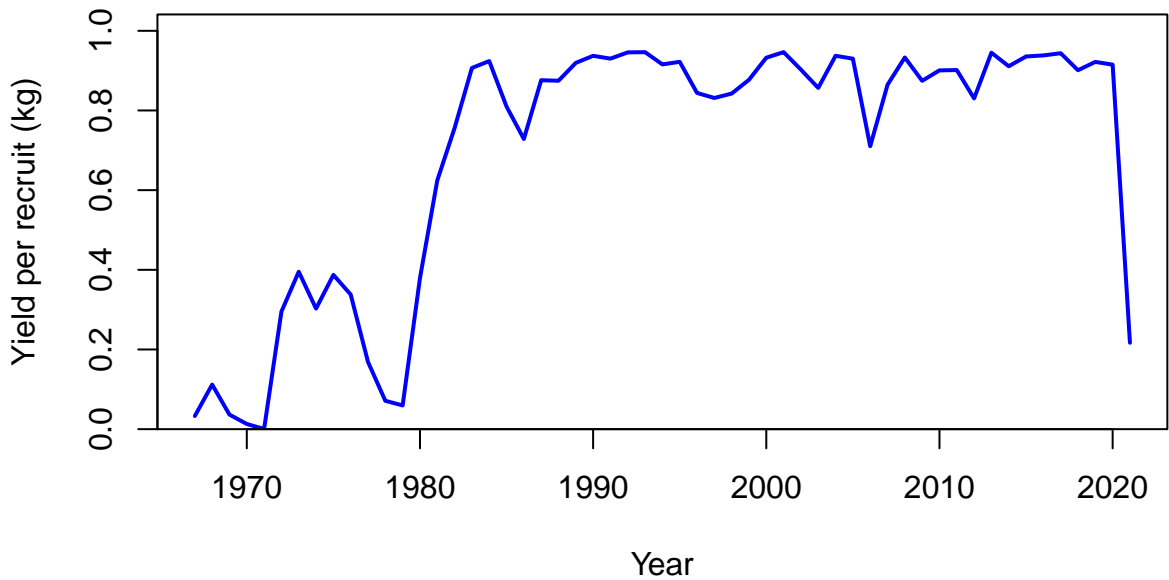
FISHERY (whole catch)

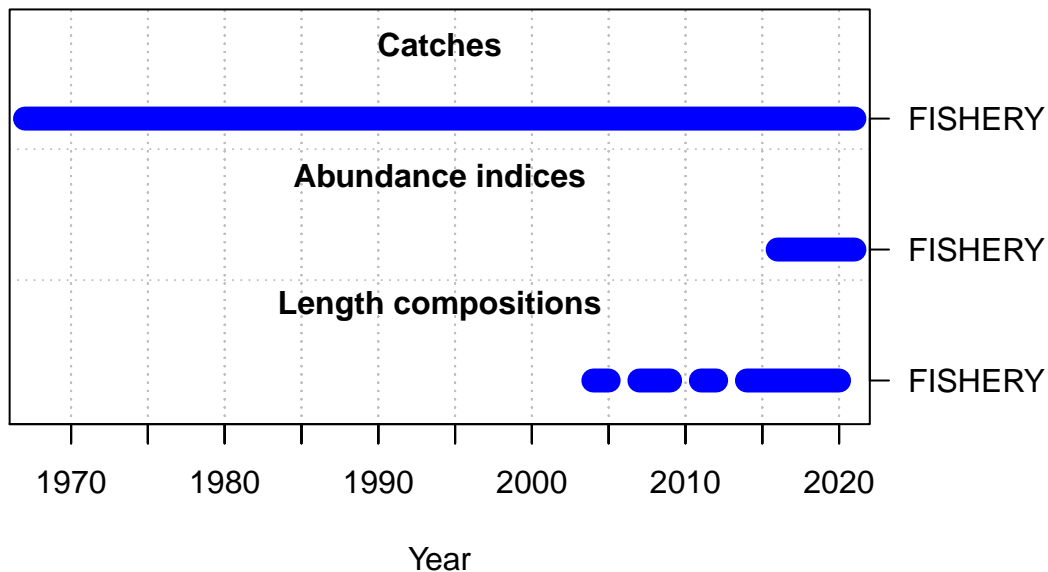






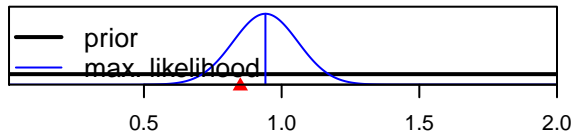




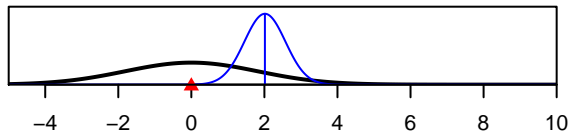




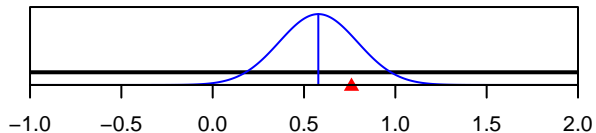
SR_LN(R0)



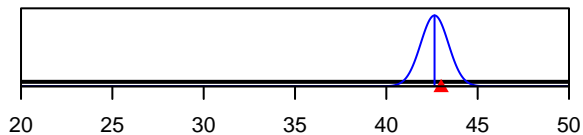
ln(DM_theta)_1



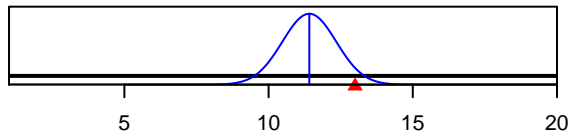
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value