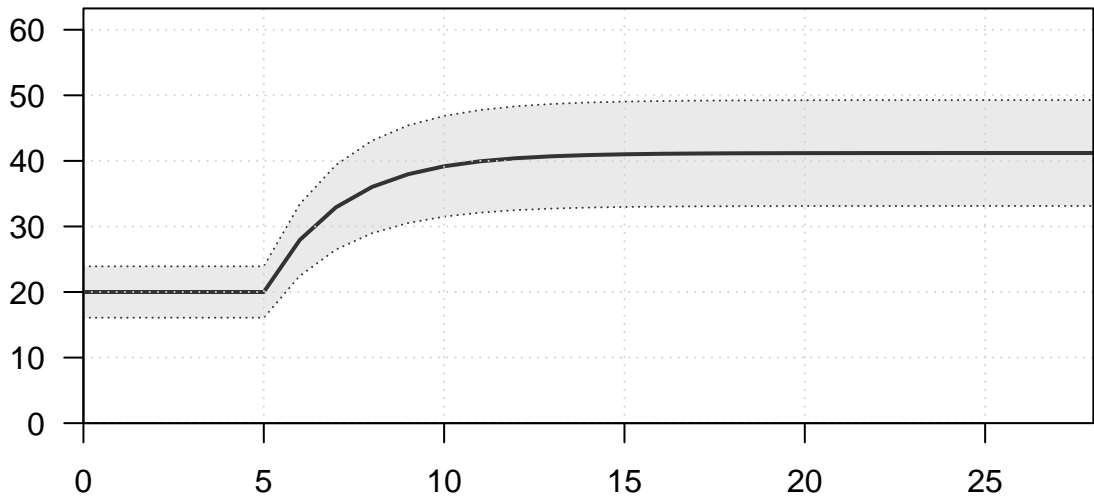
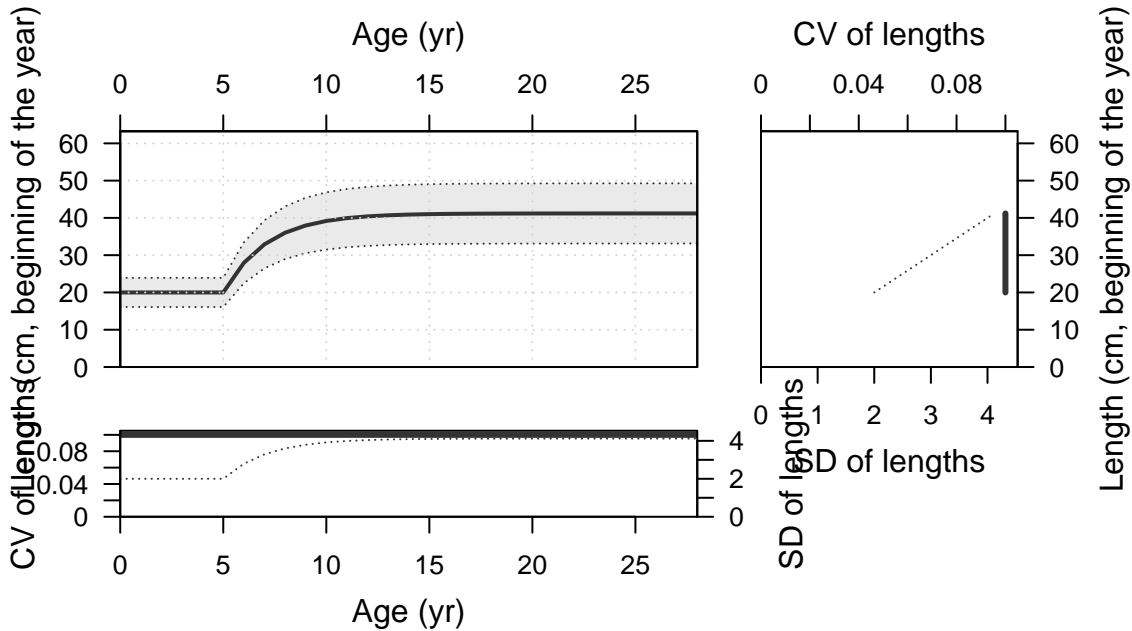


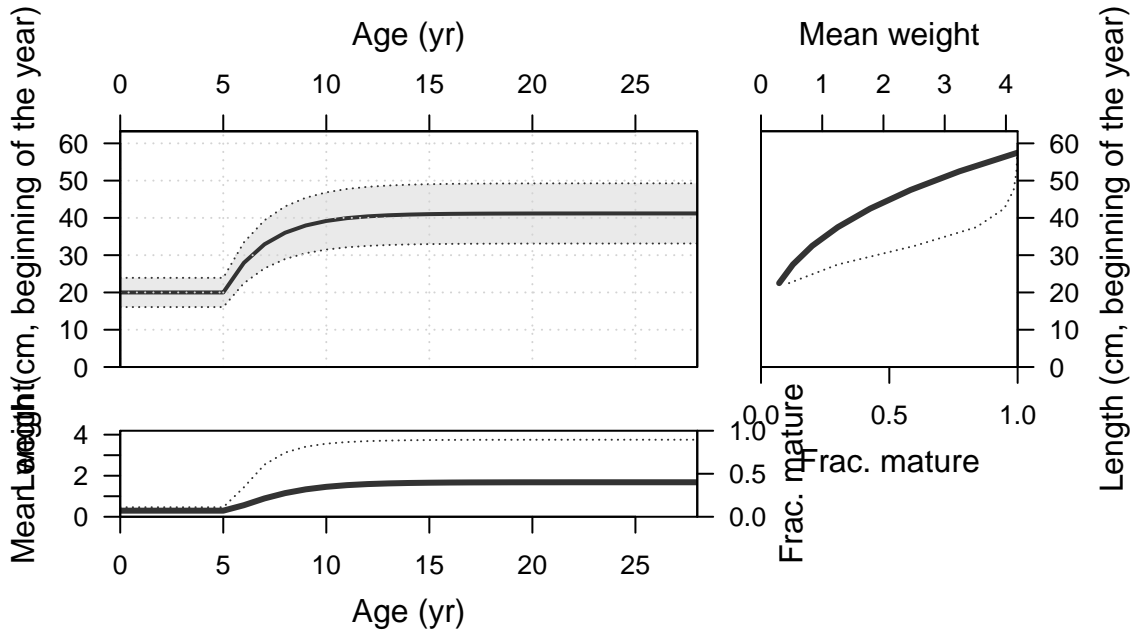
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Fri Jun 17 10:31:25 2022
Data_File: data.ss
Control_File: control.ss

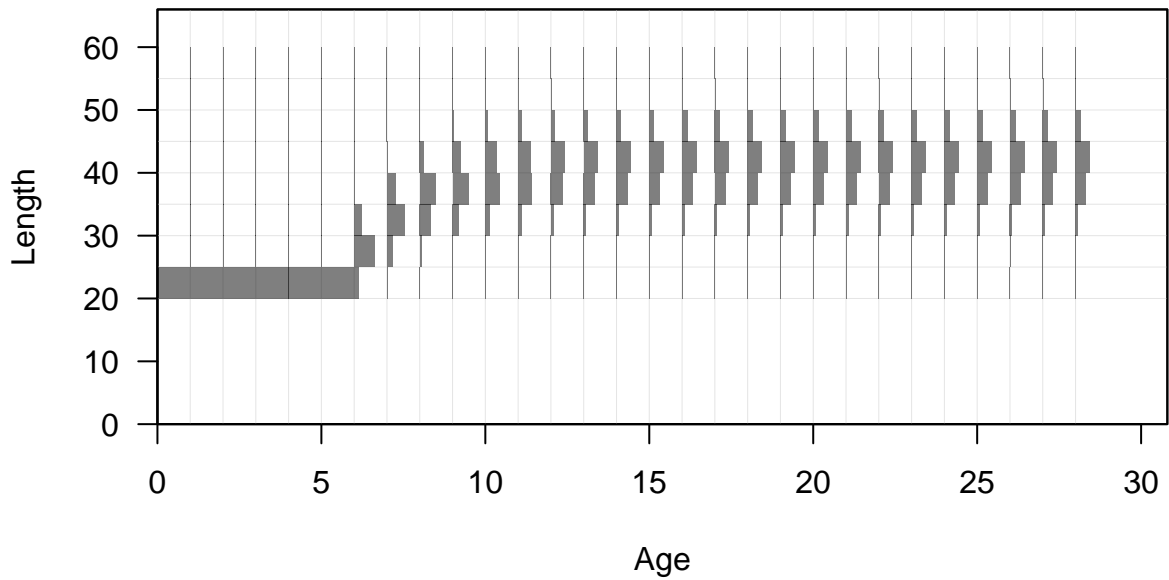
Length (cm, beginning of the year)

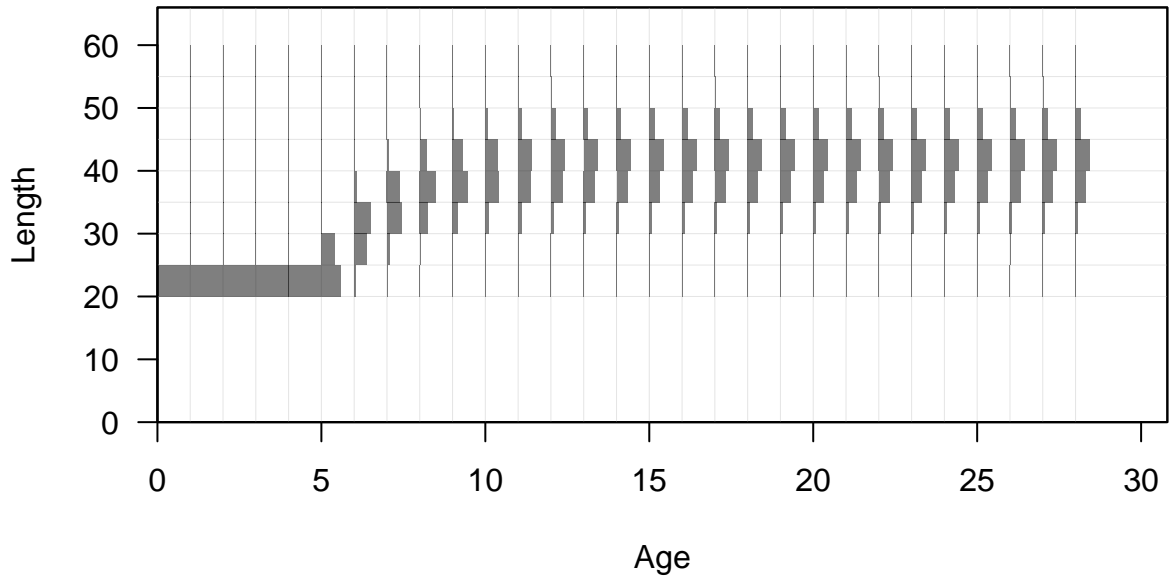


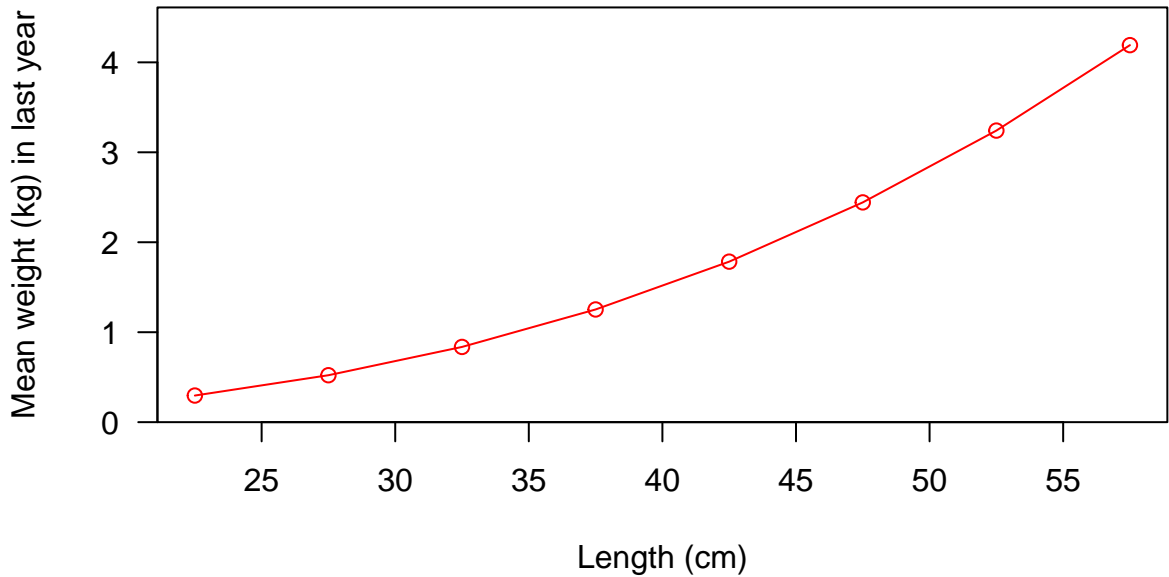
Age (yr)

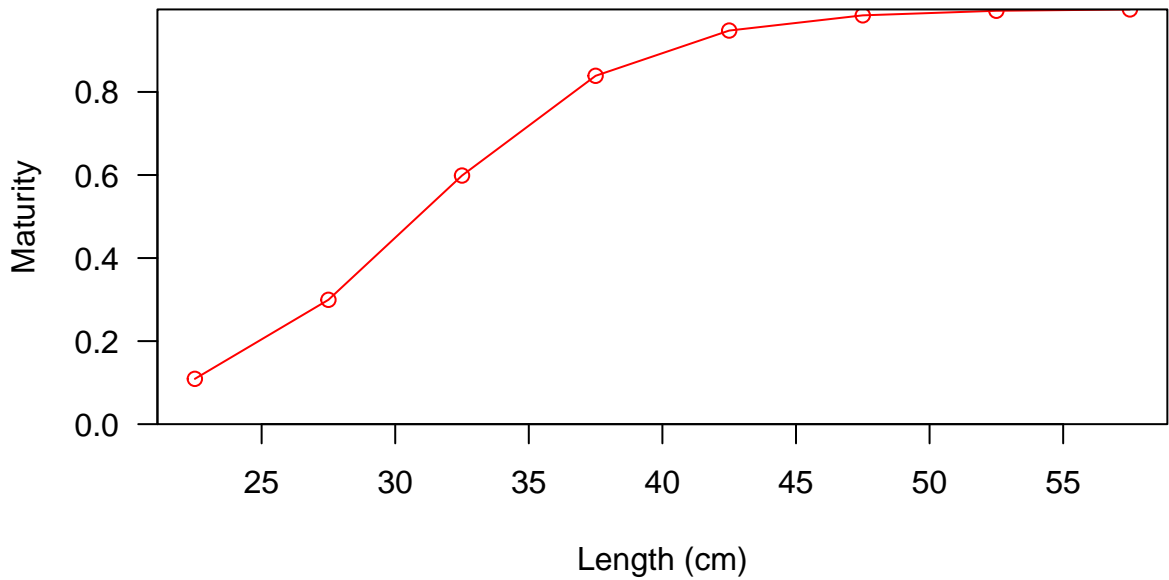


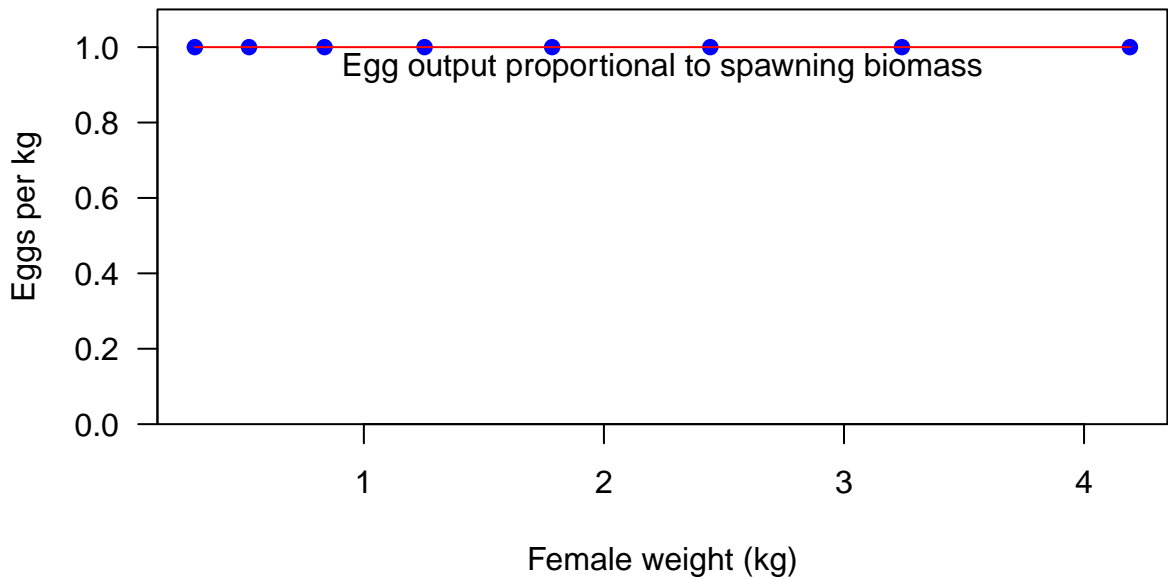




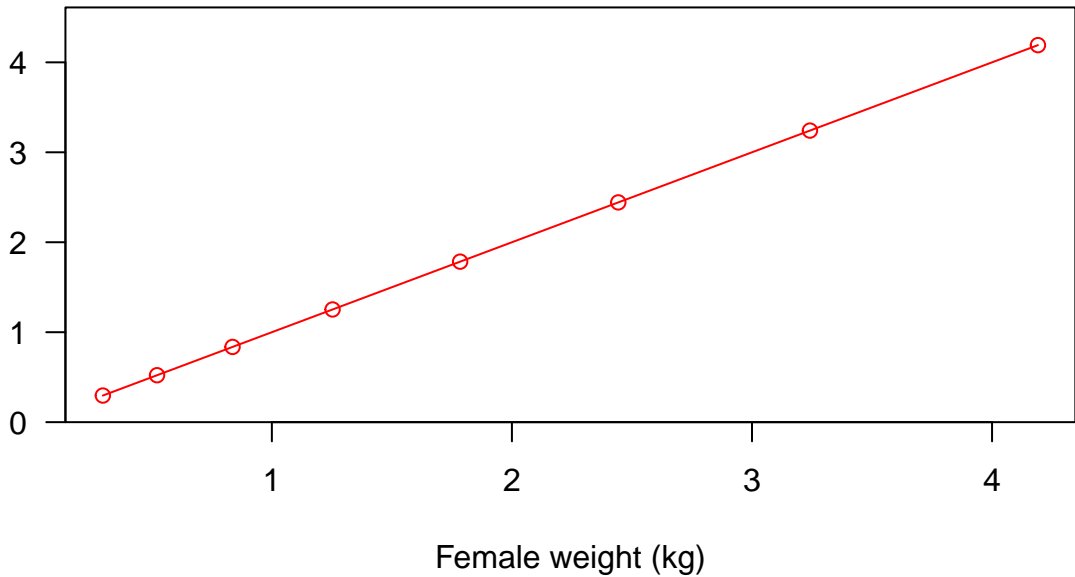




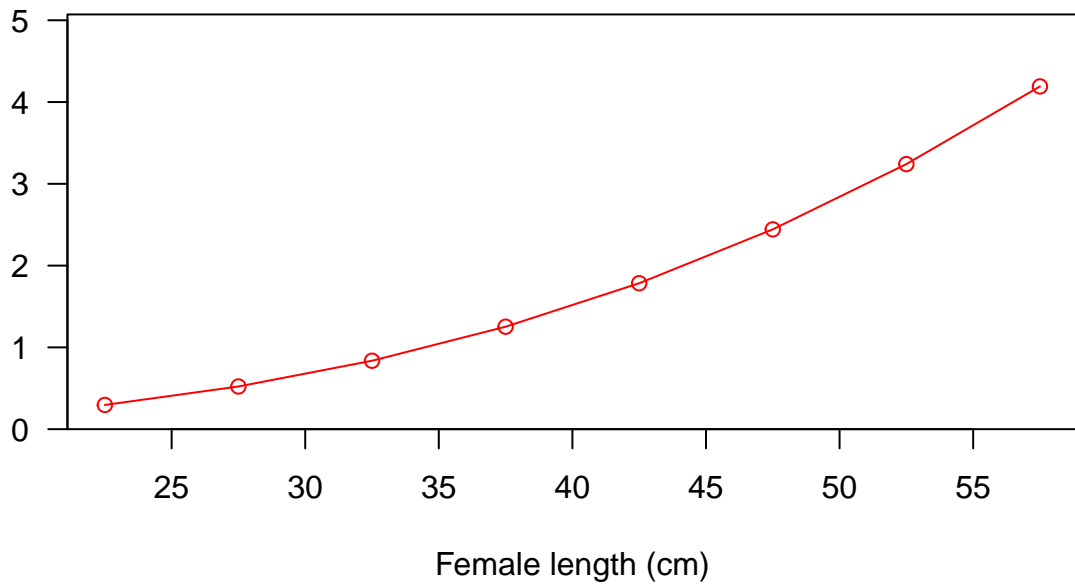




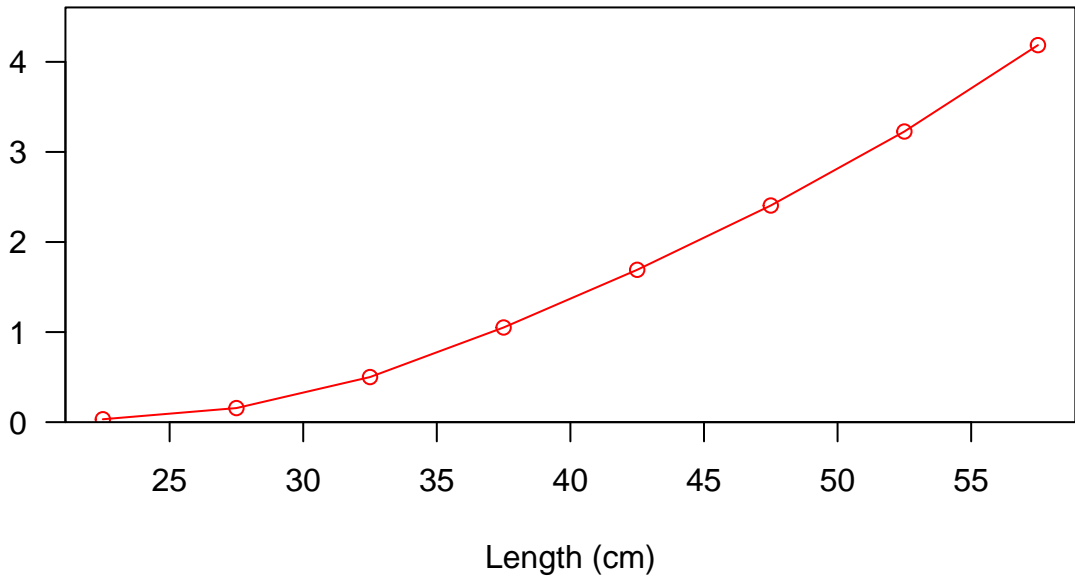
Fecundity



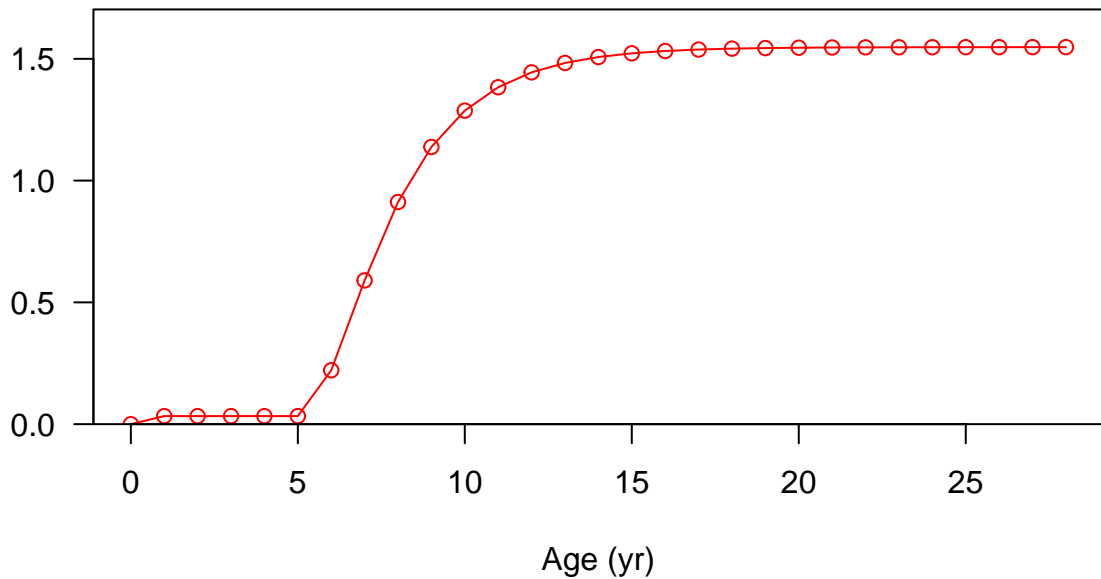
Fecundity



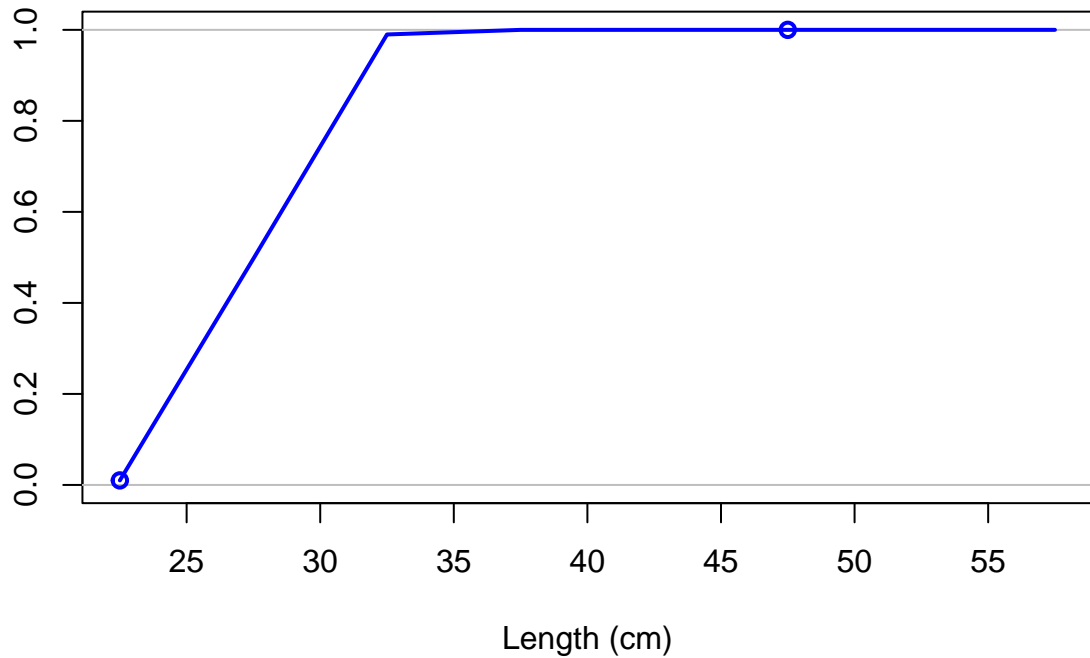
Spawning output



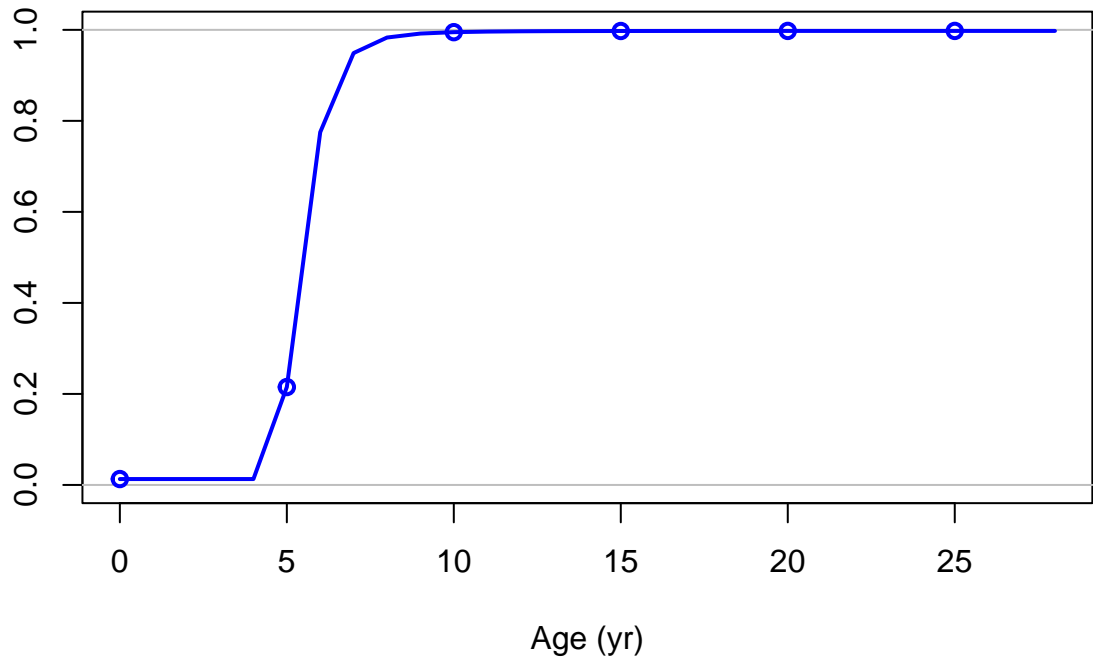
Spawning output



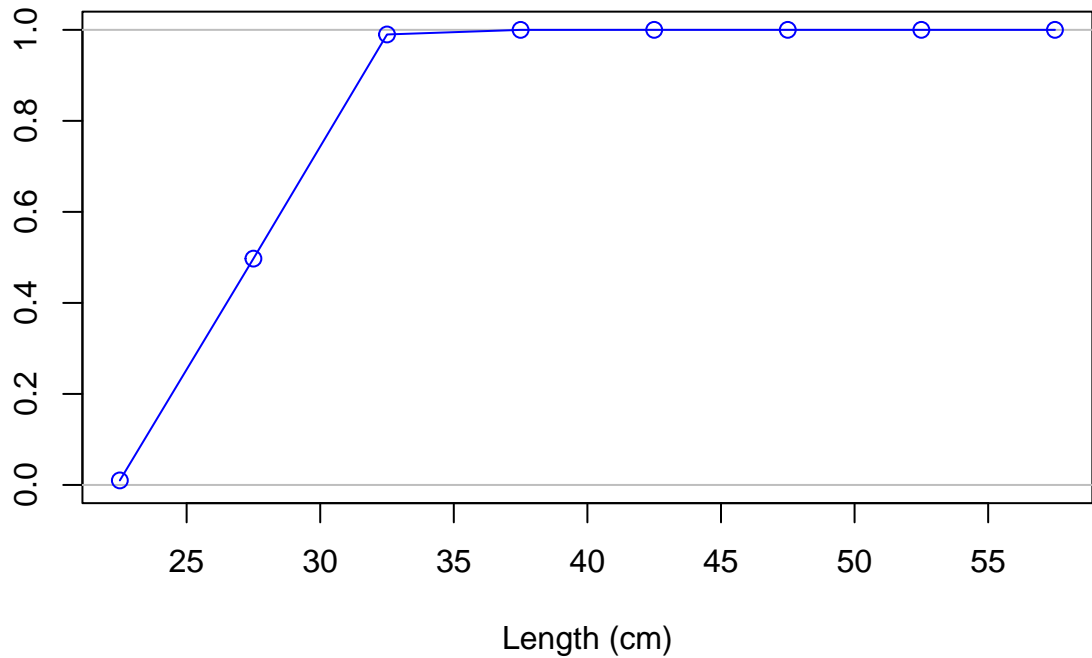
Selectivity

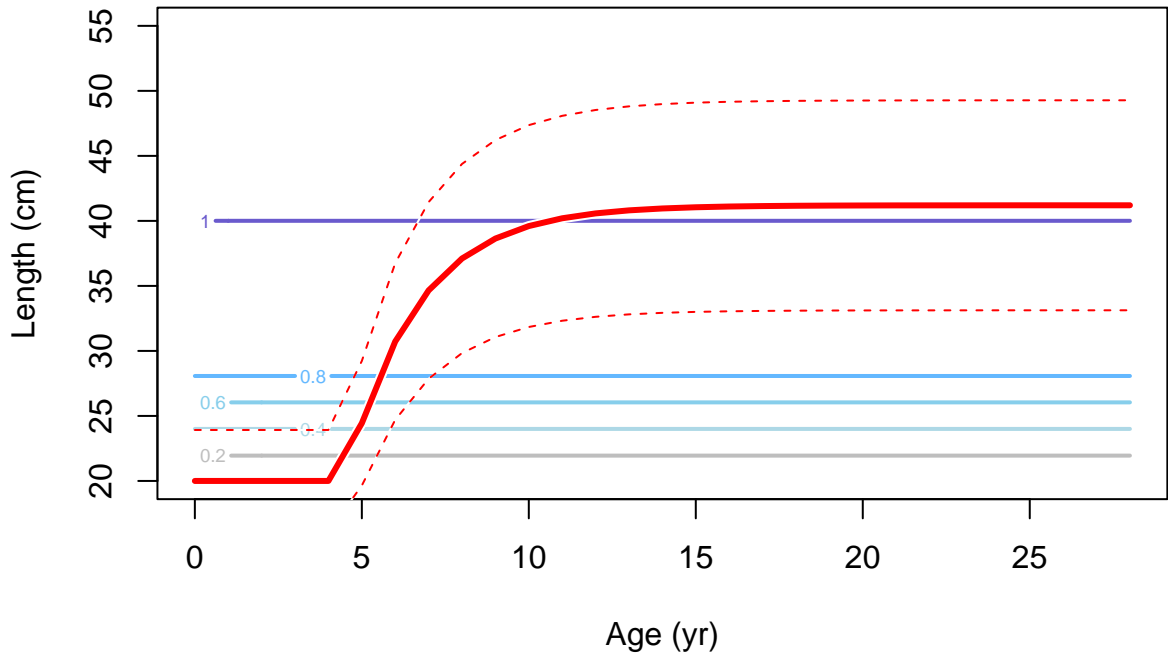


Selectivity

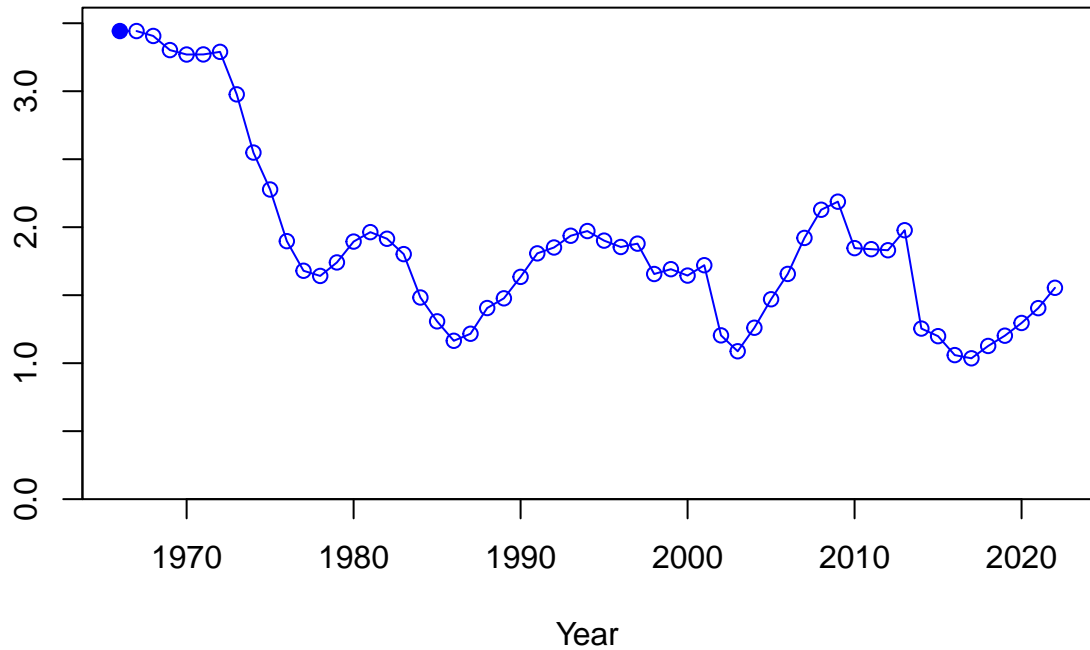


Selectivity

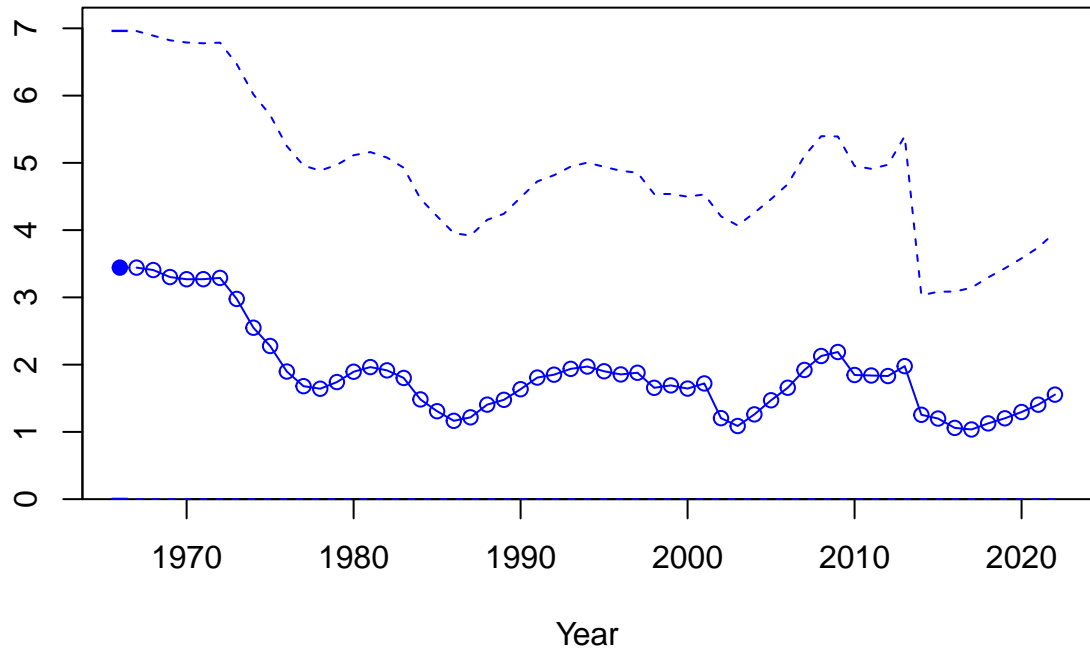




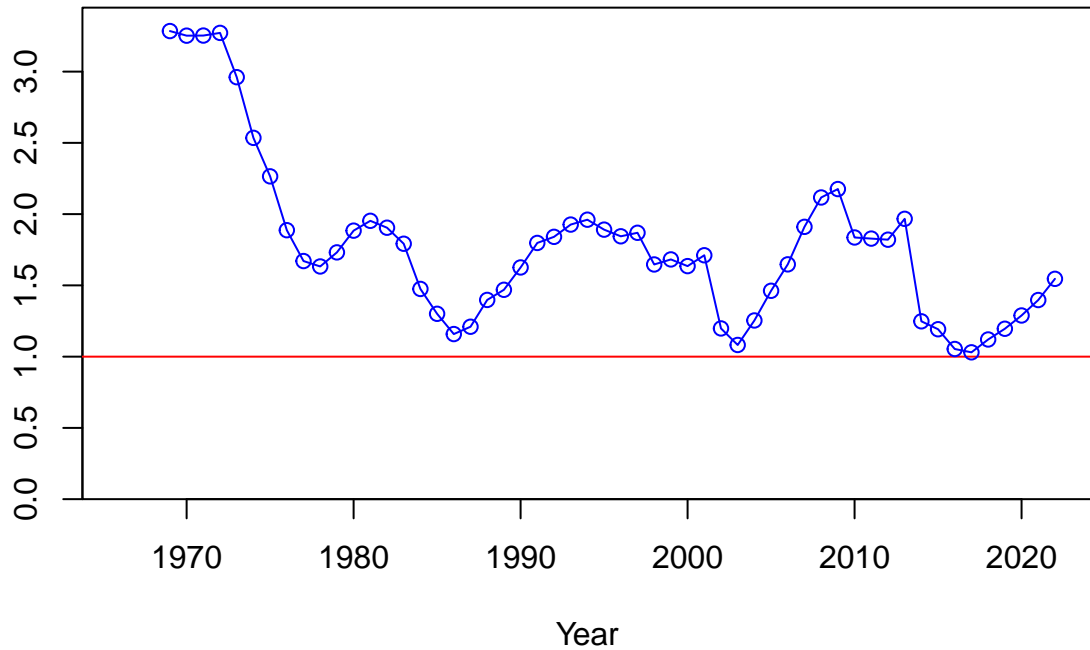
Spawning biomass (mt)



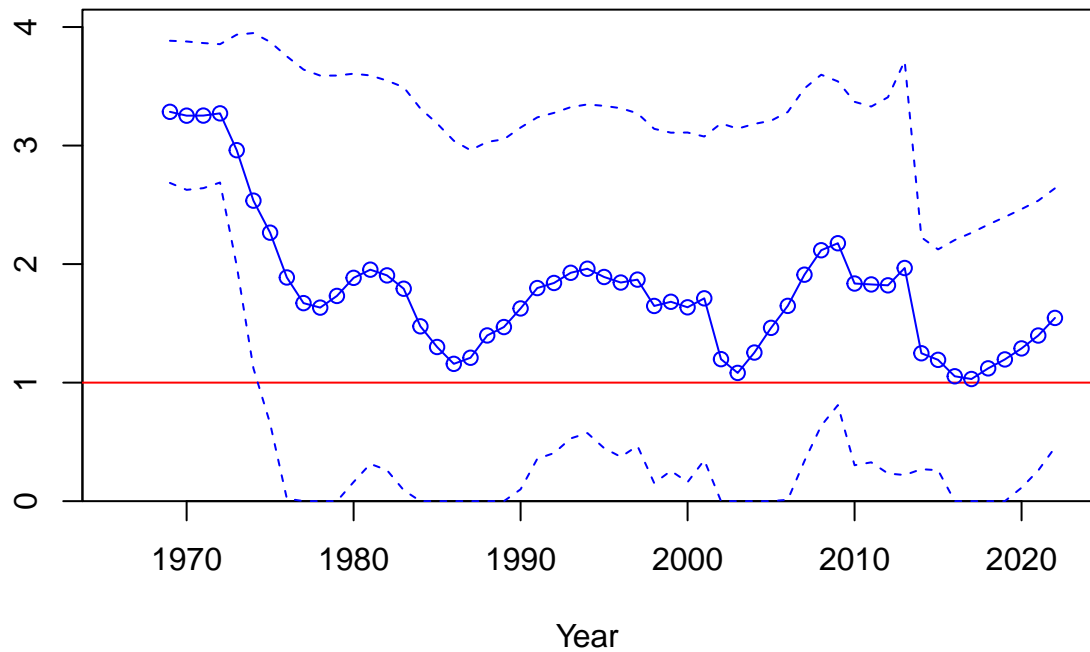
Spawning biomass (mt)

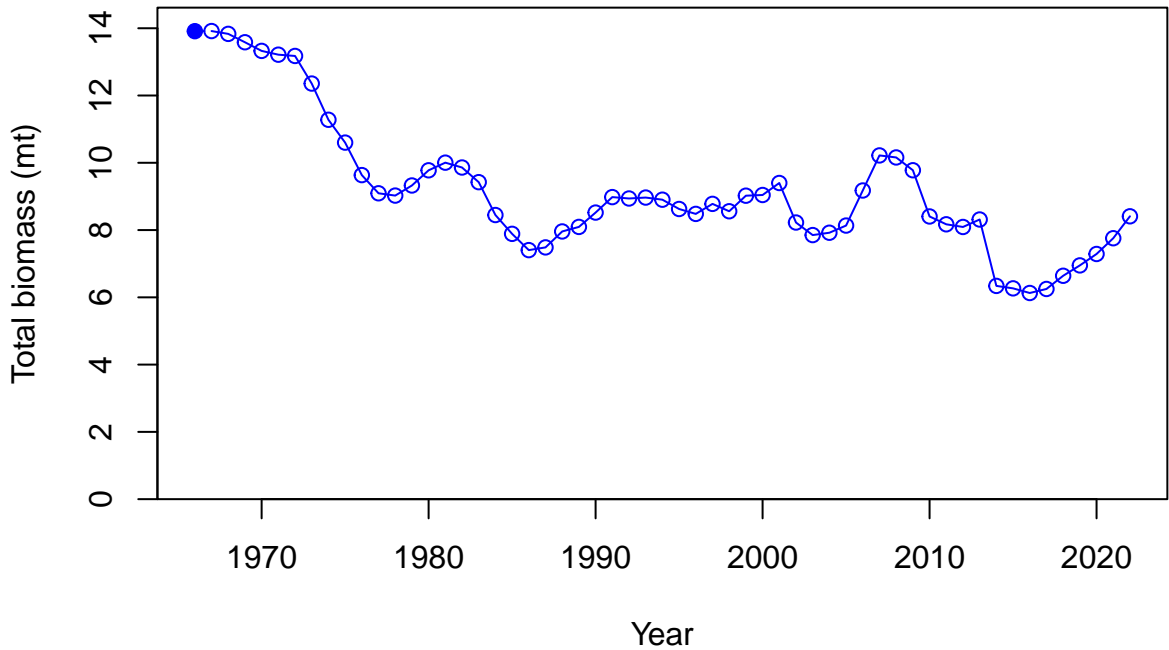


Relative spawning biomass: B/B_{MSY}

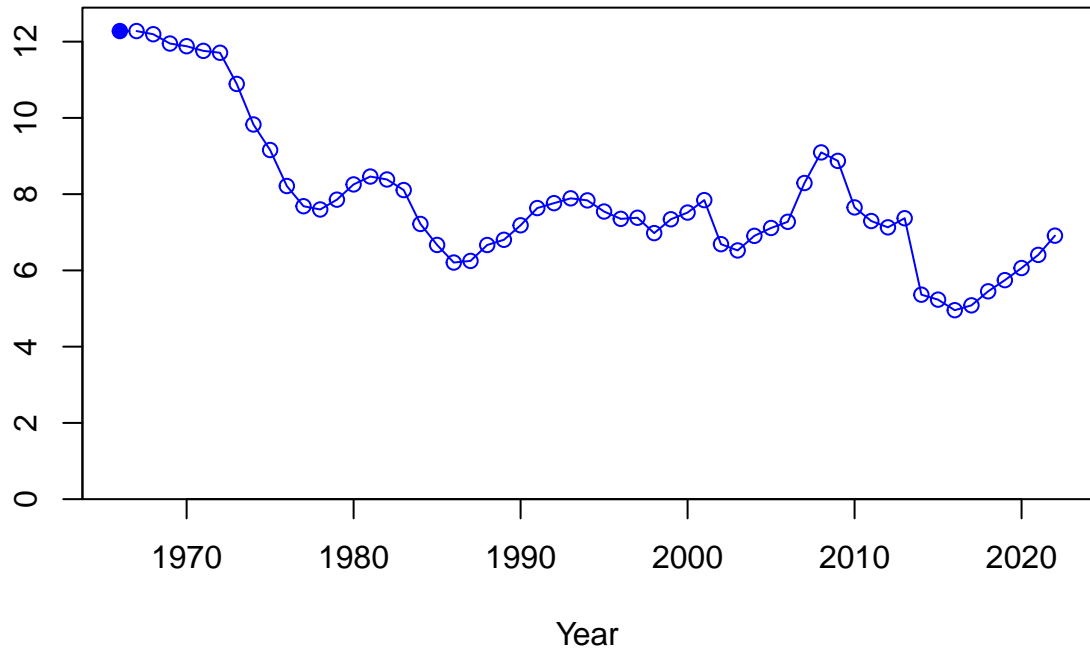


Relative spawning biomass: B/B_{MSY}

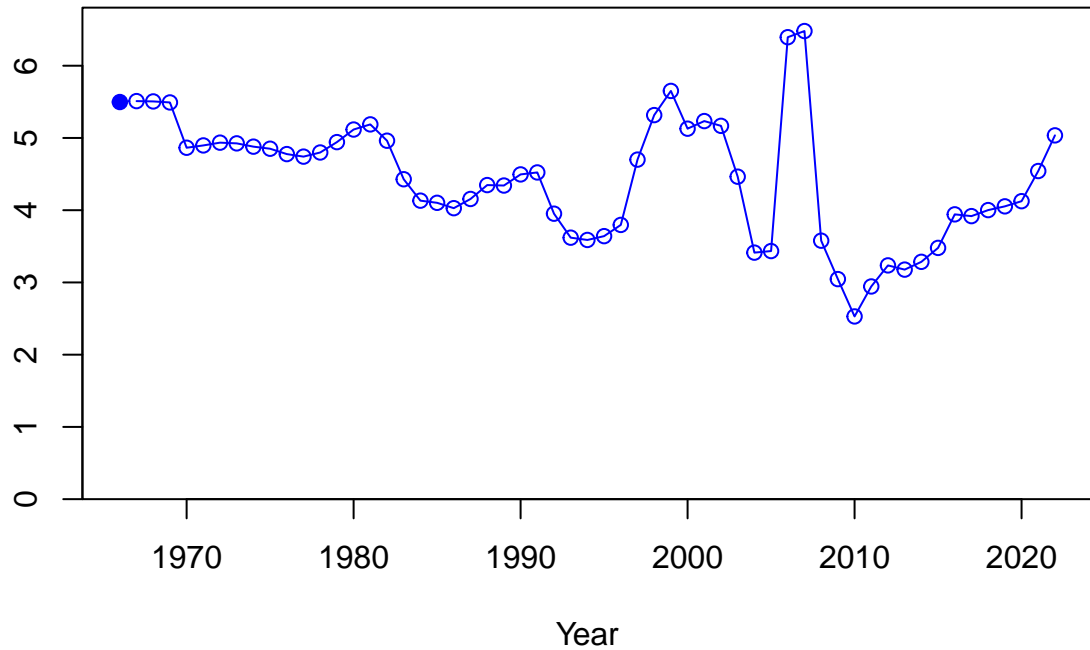




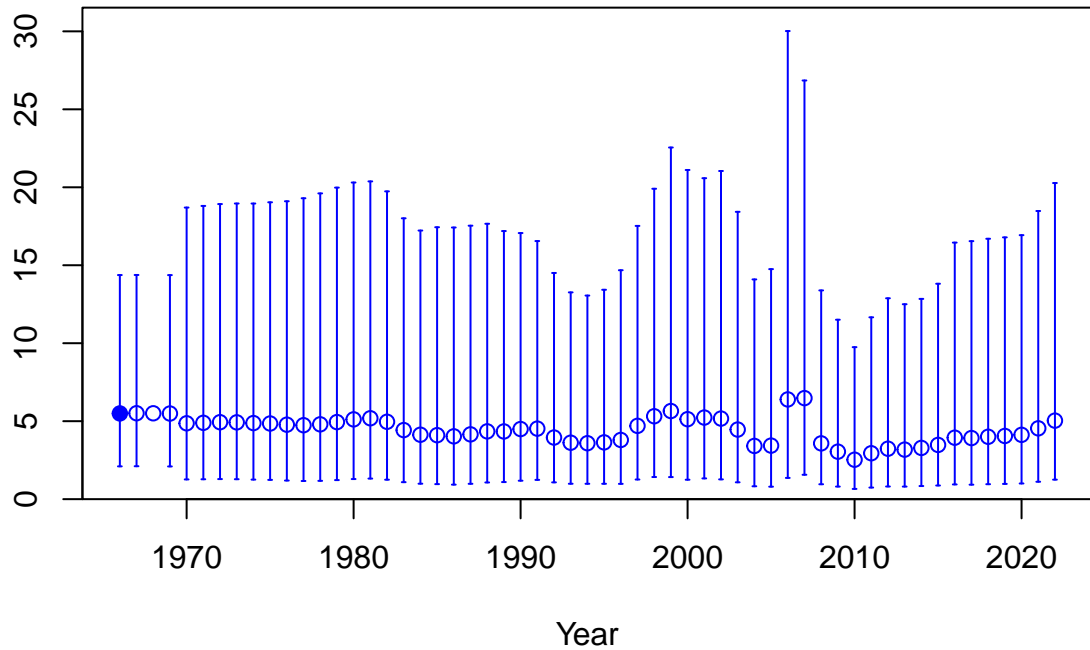
Summary biomass (mt)



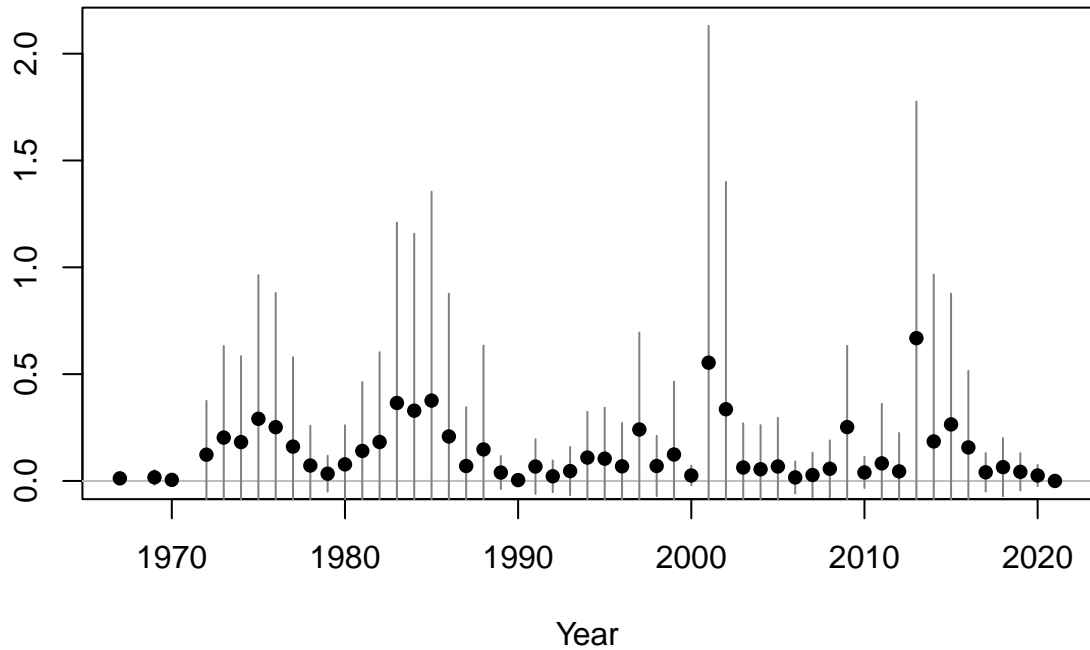
Age-0 recruits (1,000s)

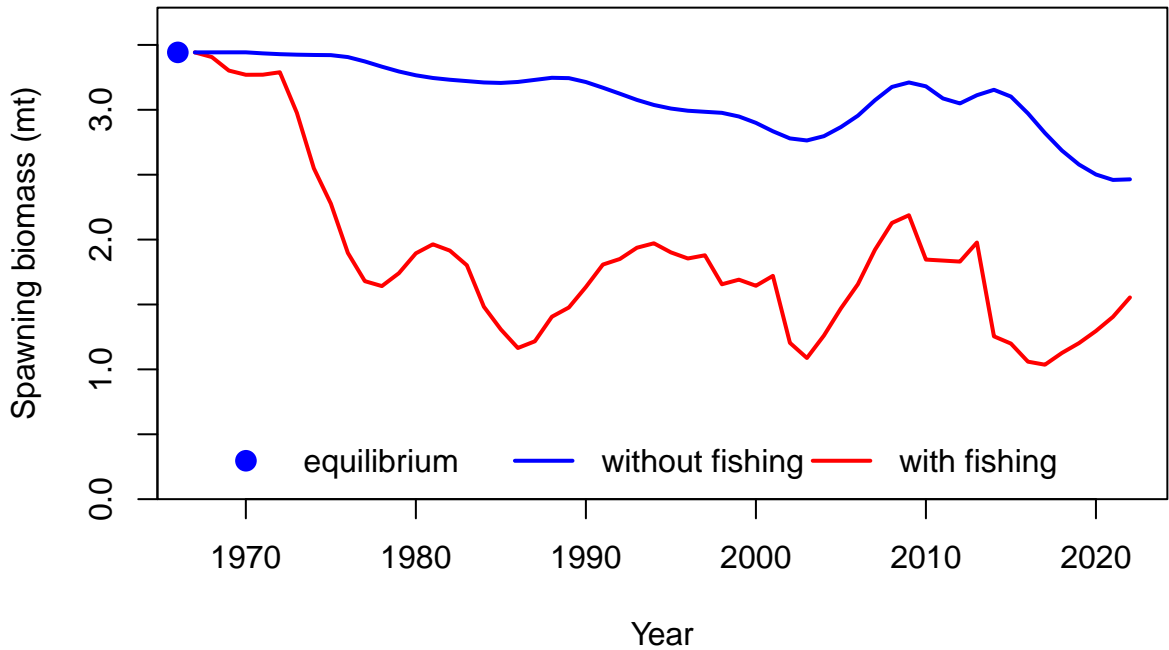


Age-0 recruits (1,000s)

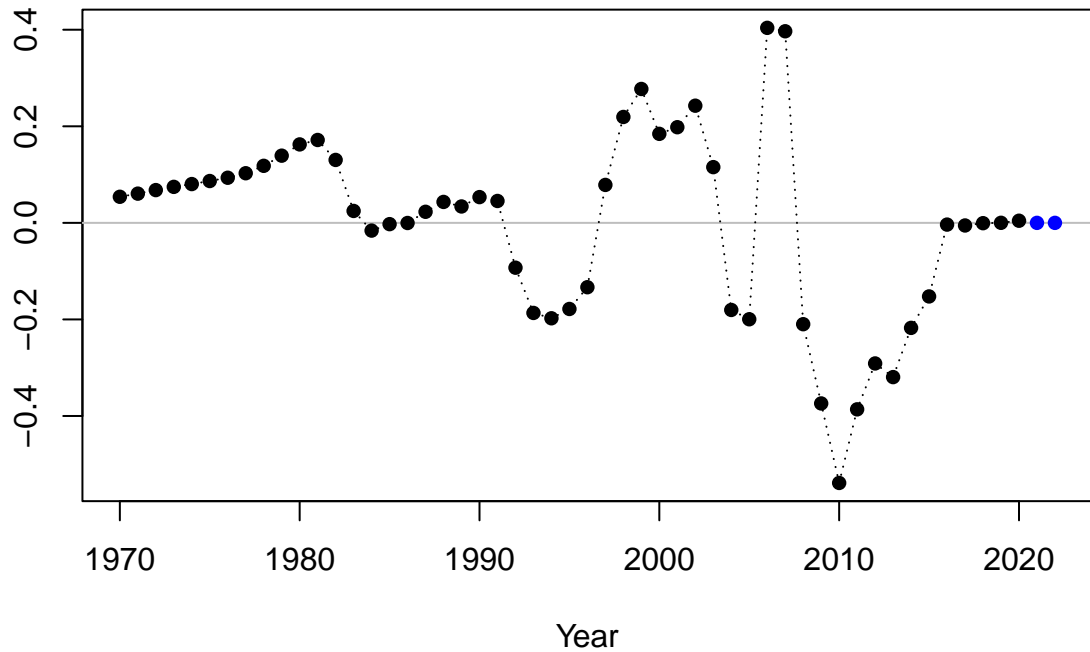


Summary Fishing Mortality

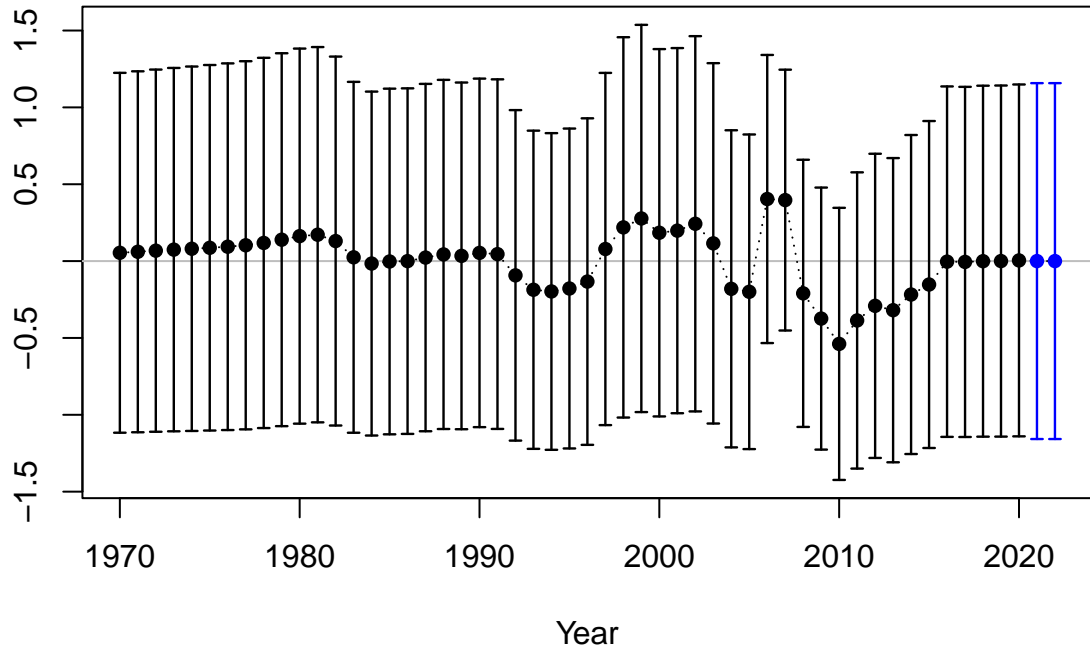




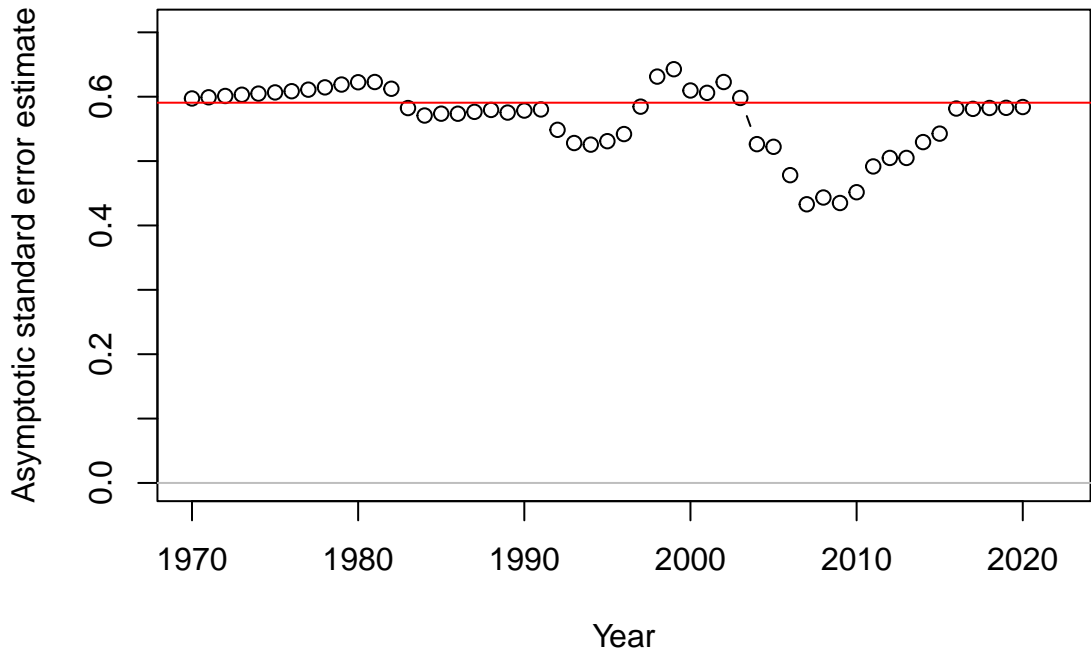
Log recruitment deviation

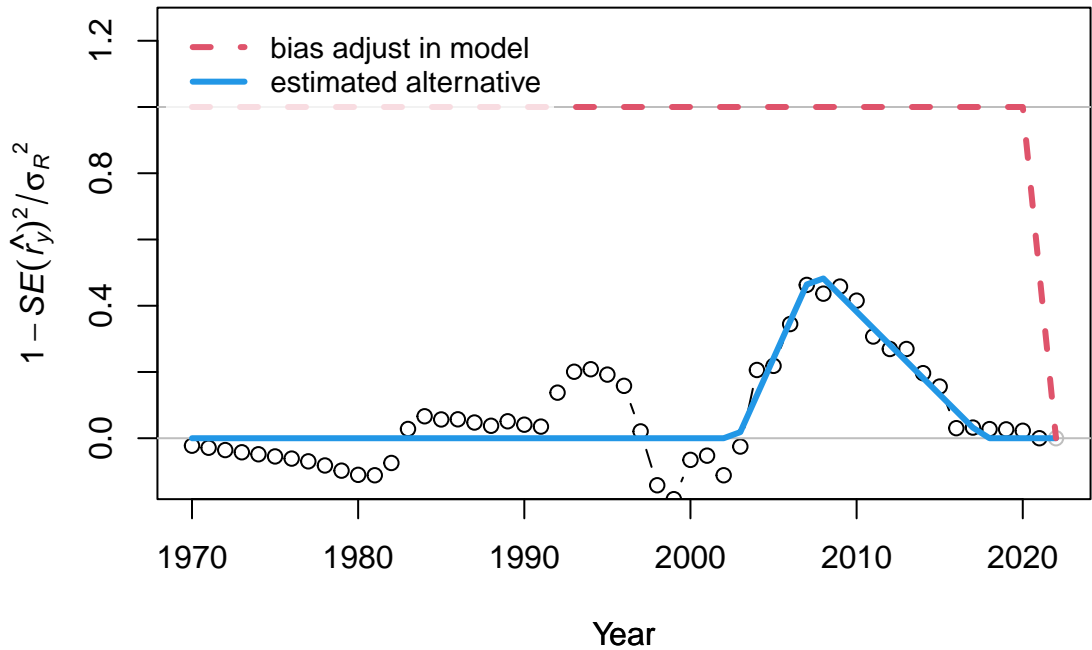


Log recruitment deviation

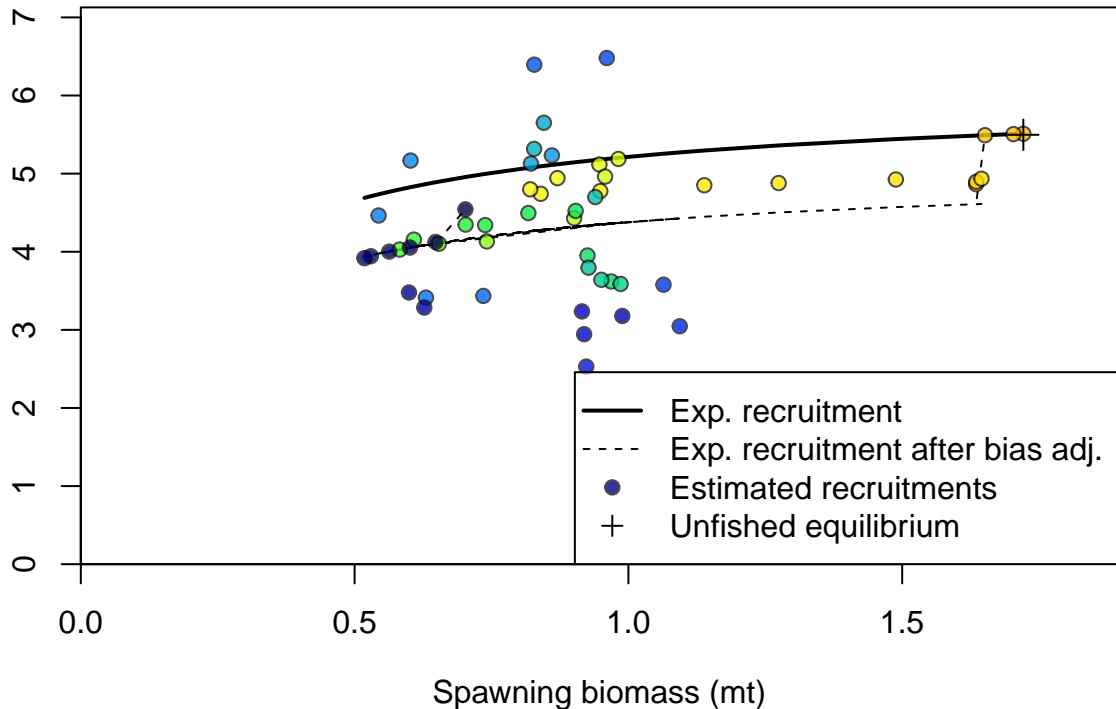


Recruitment deviation variance

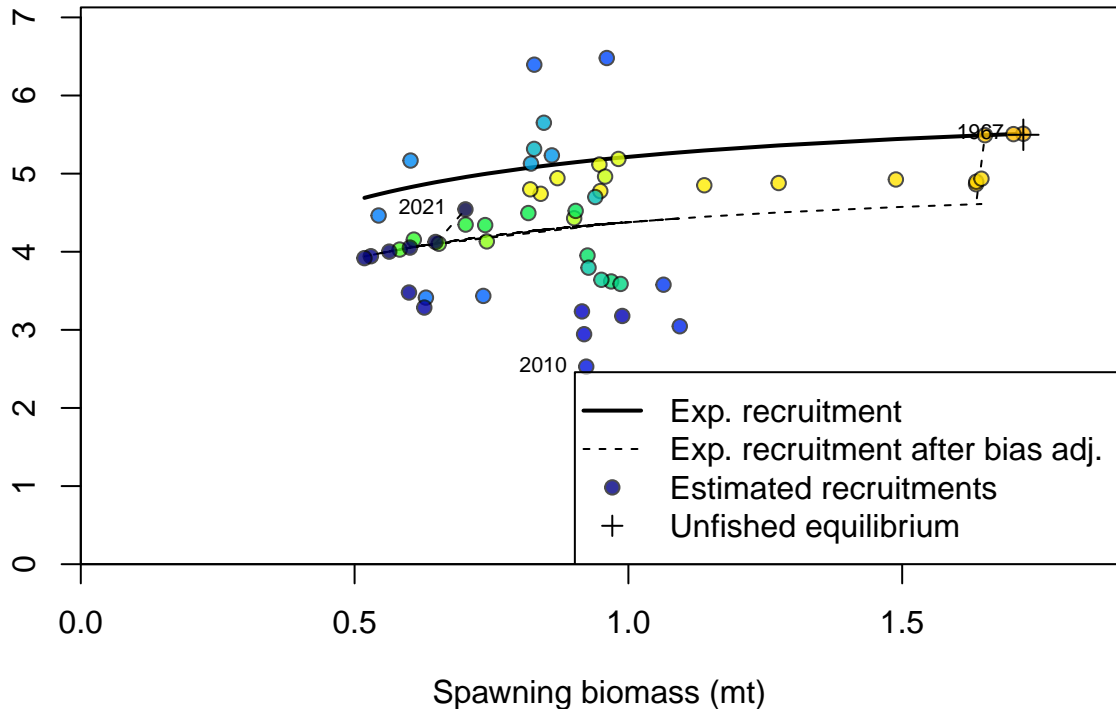




Recruitment (1,000s)



Recruitment (1,000s)



Log recruitment deviation

0.4
0.2
0.0
-0.2
-0.4

0.0

0.2

0.4

0.6

0.8

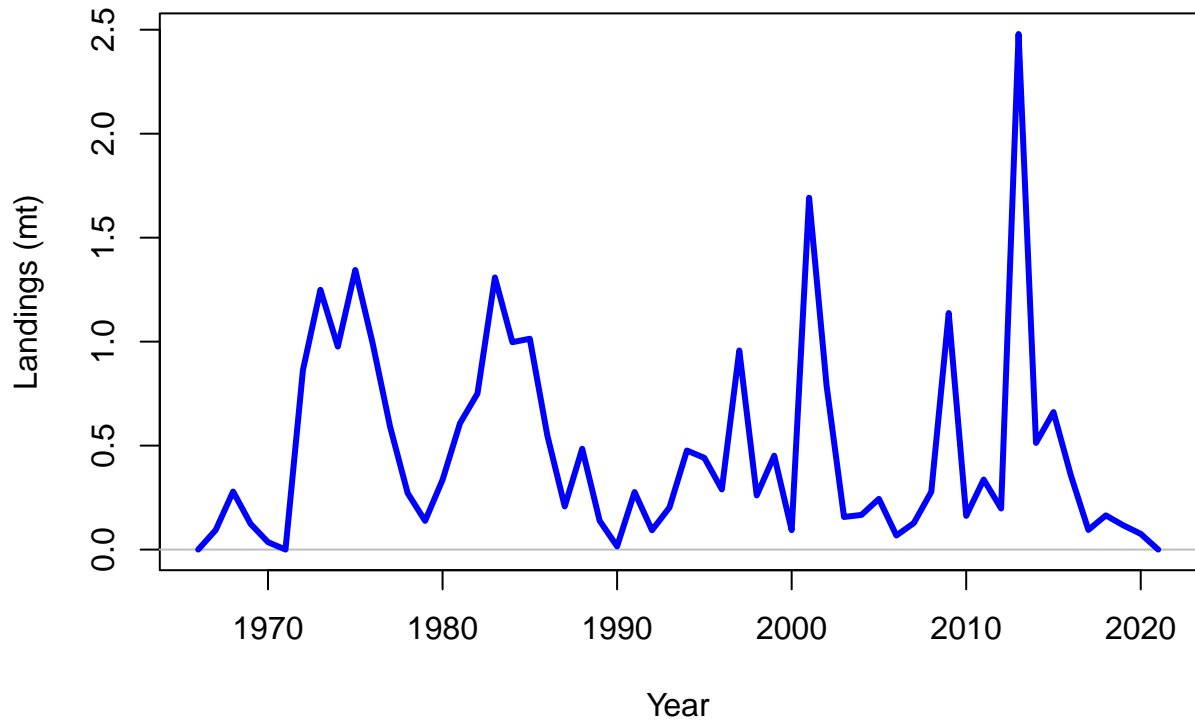
1.0

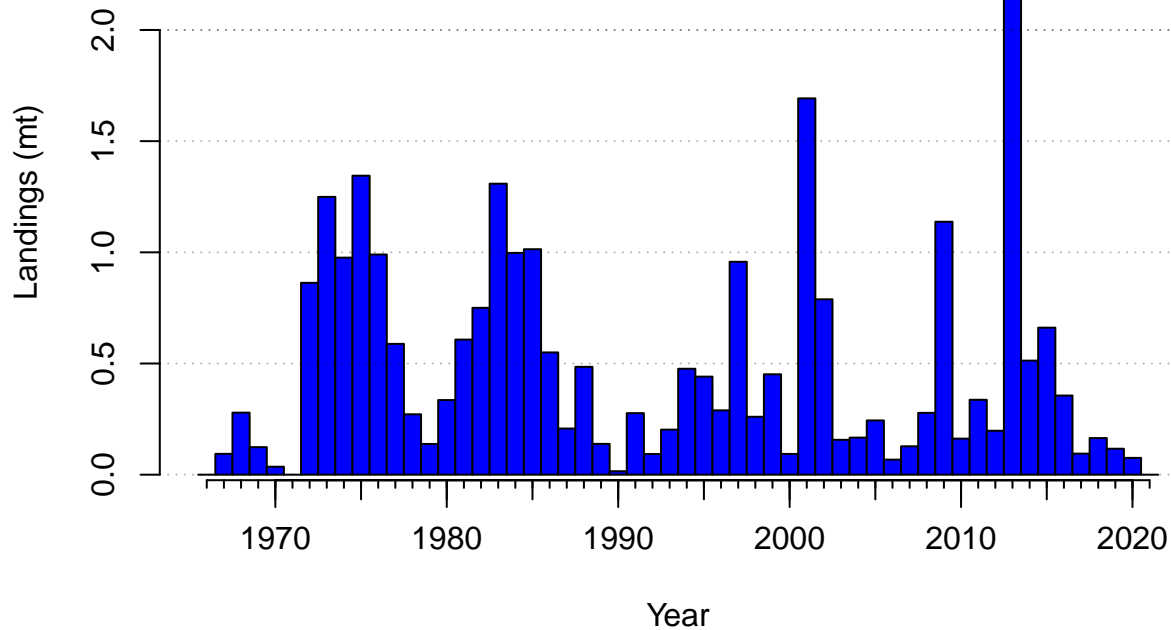
Spawning output (relative to B_0)

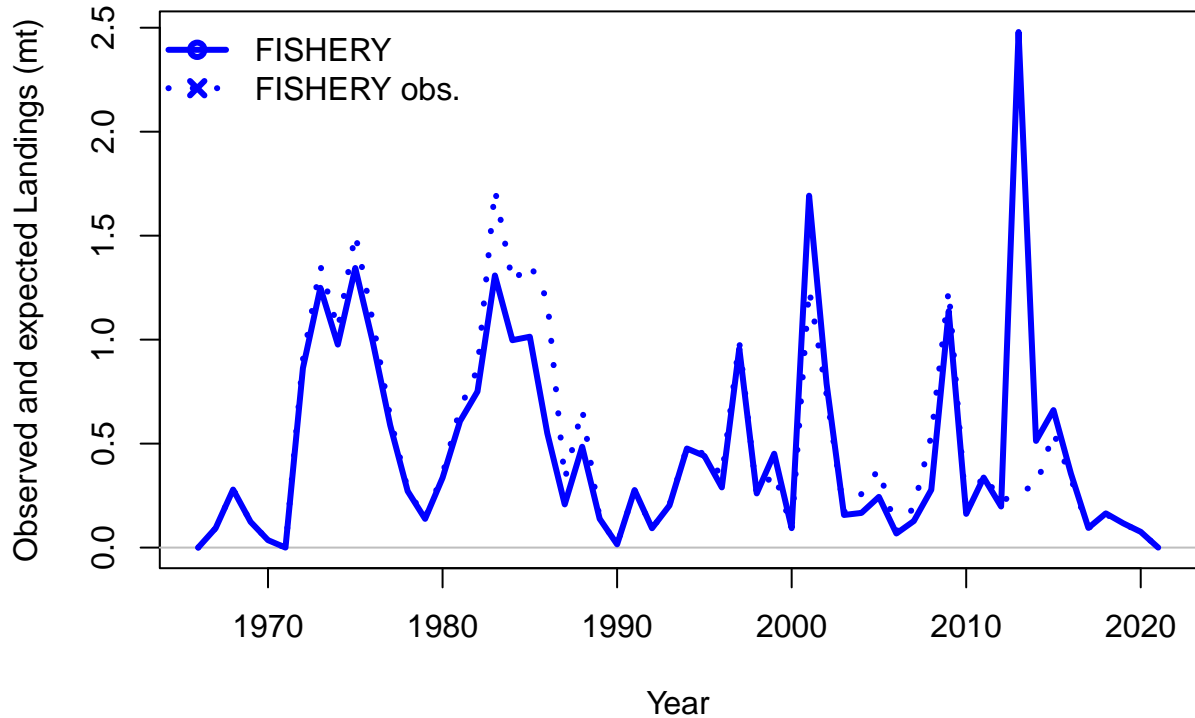
2010

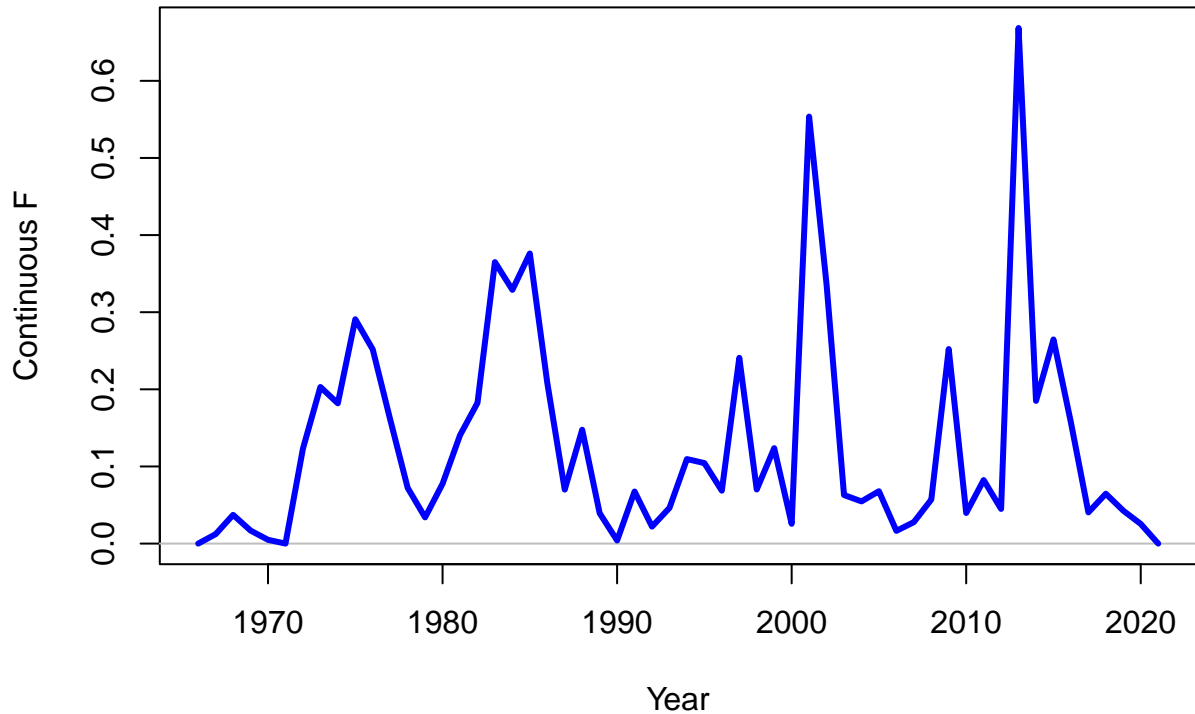
2021



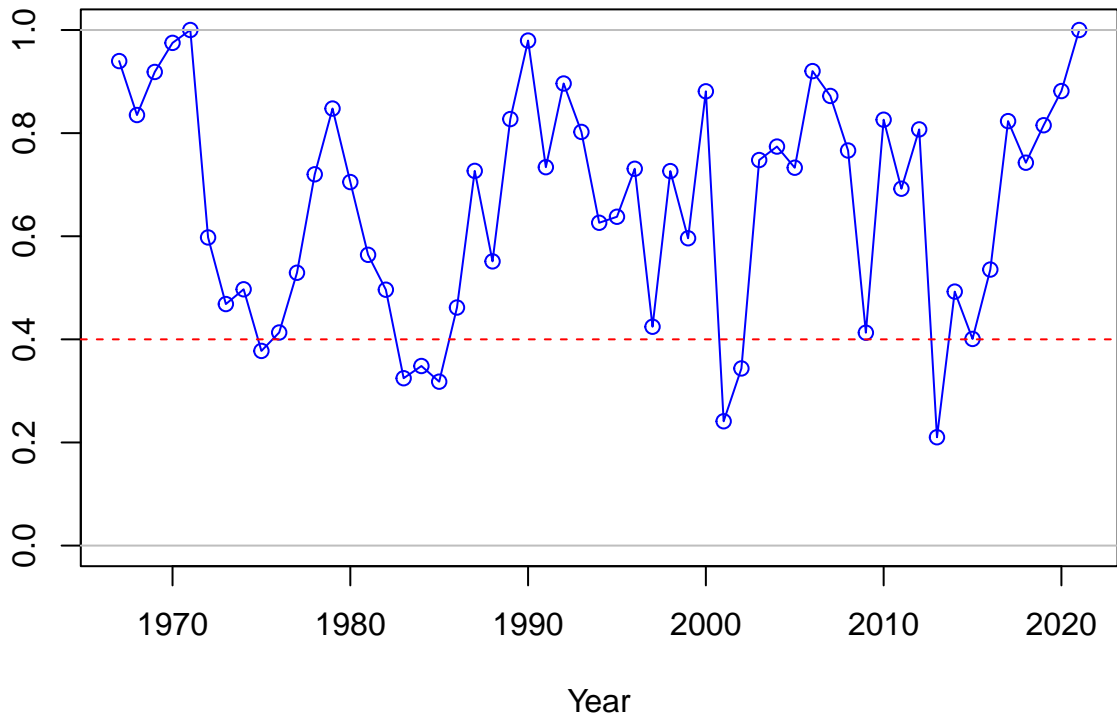


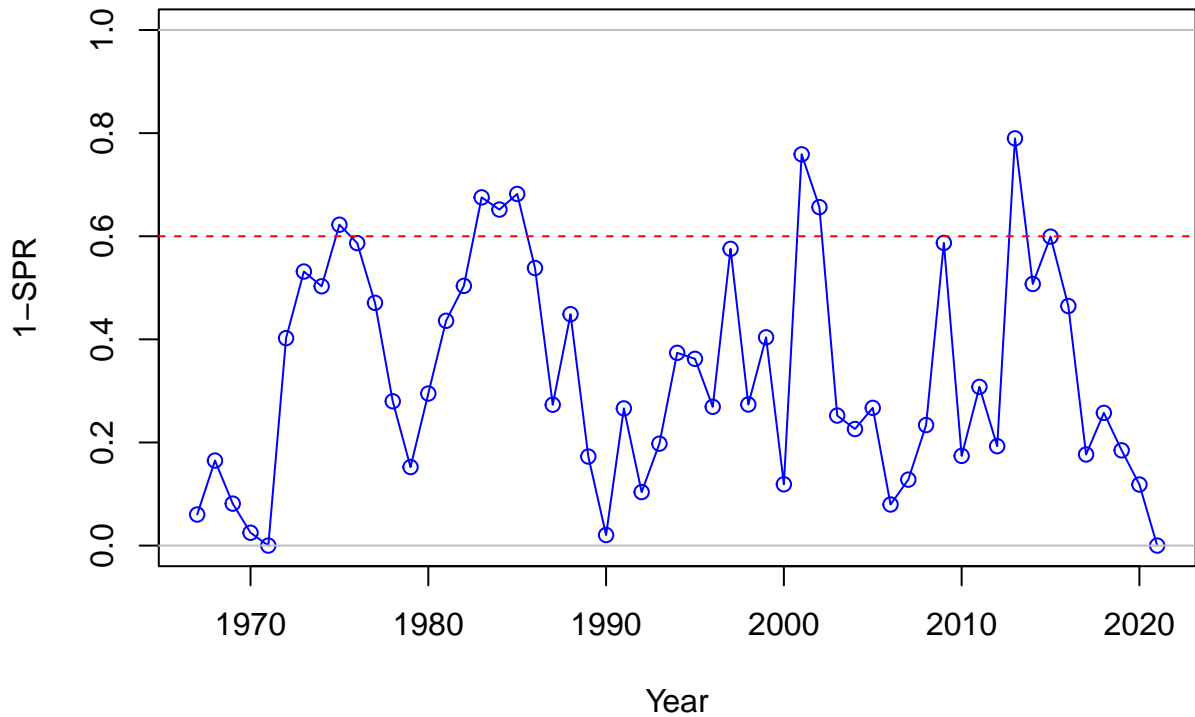




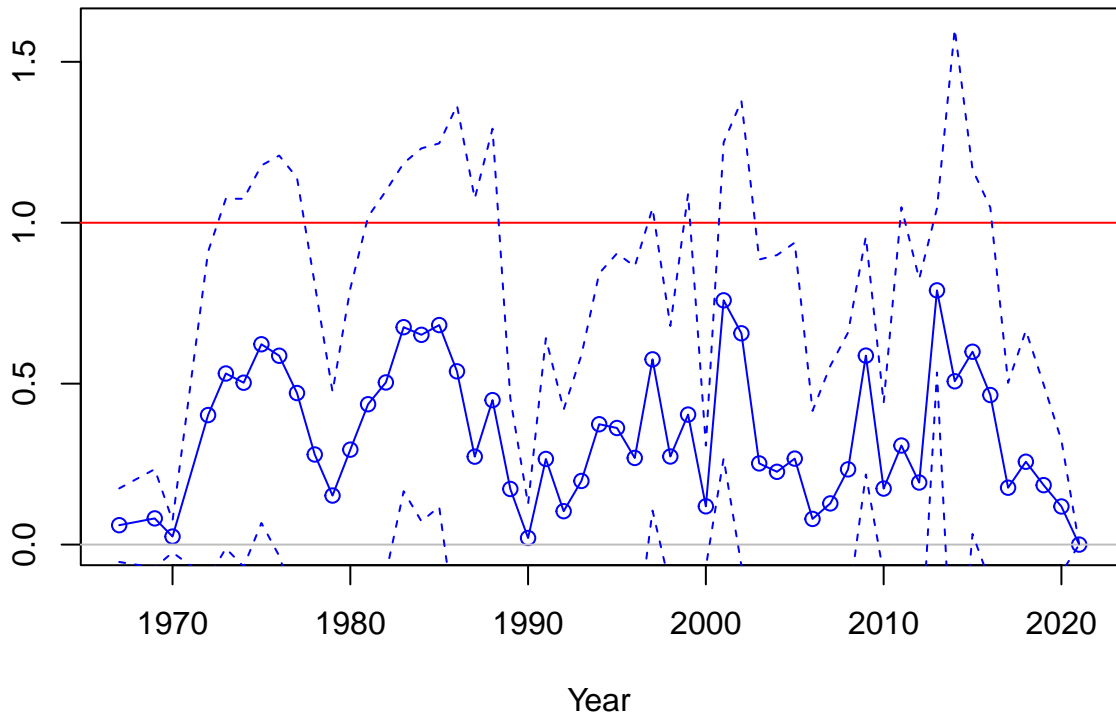


SPR

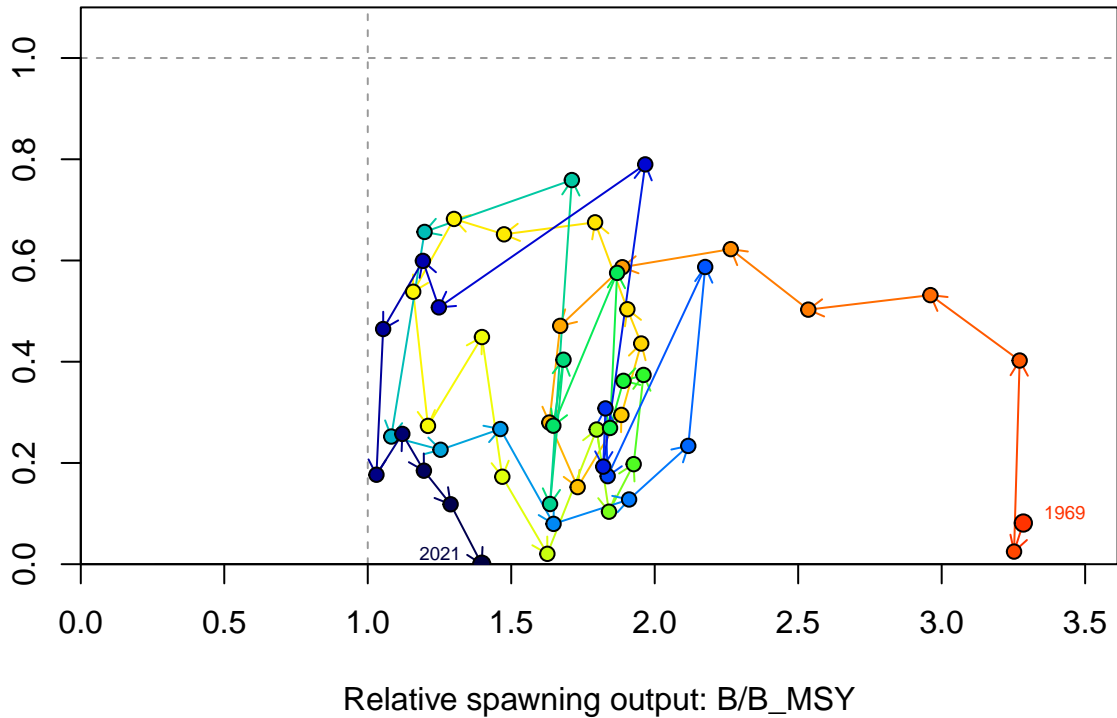


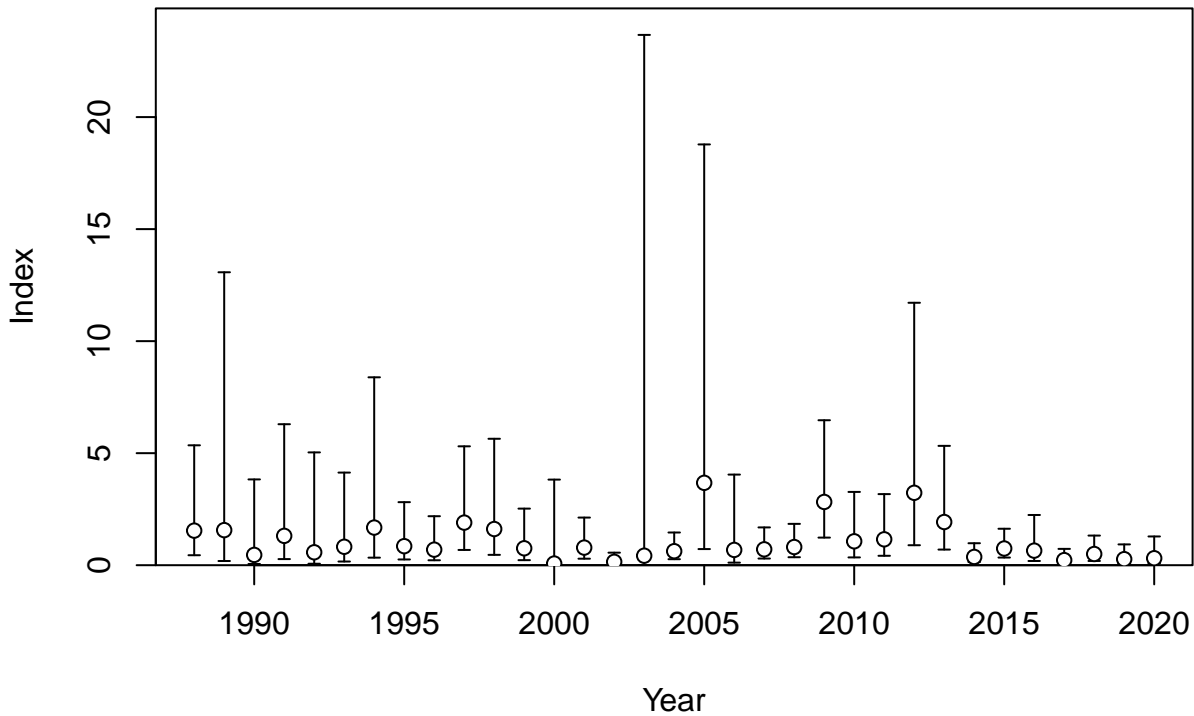


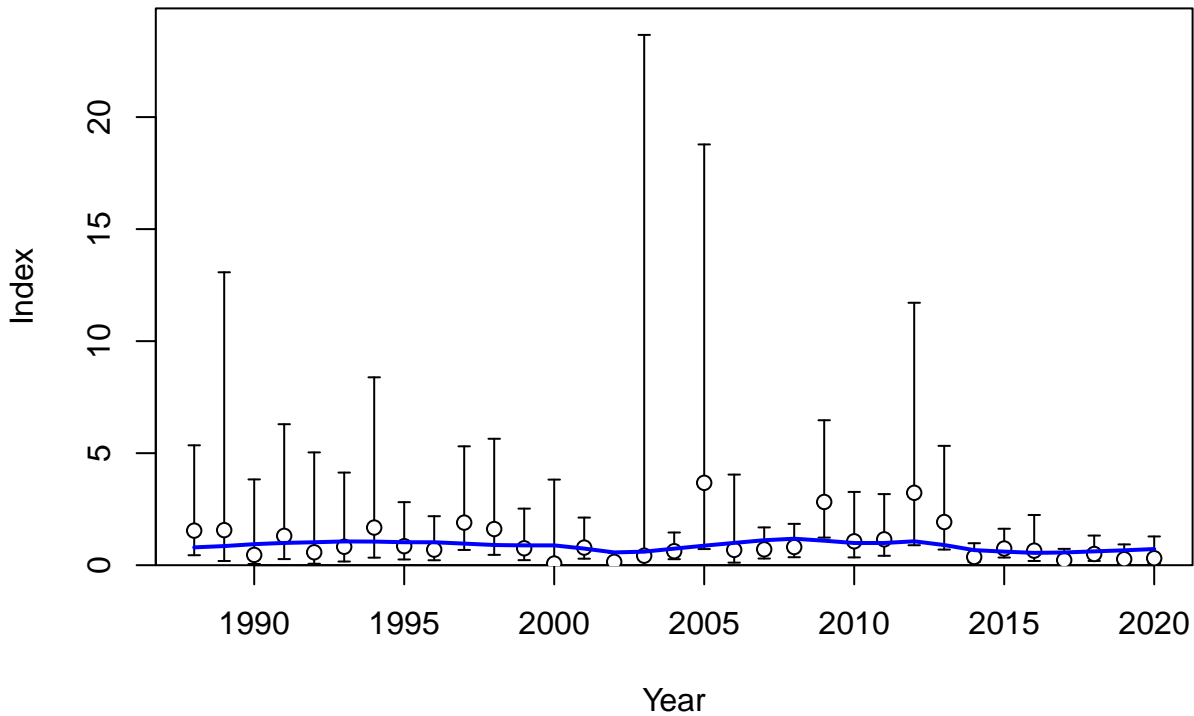
Fishing intensity: 1-SPR

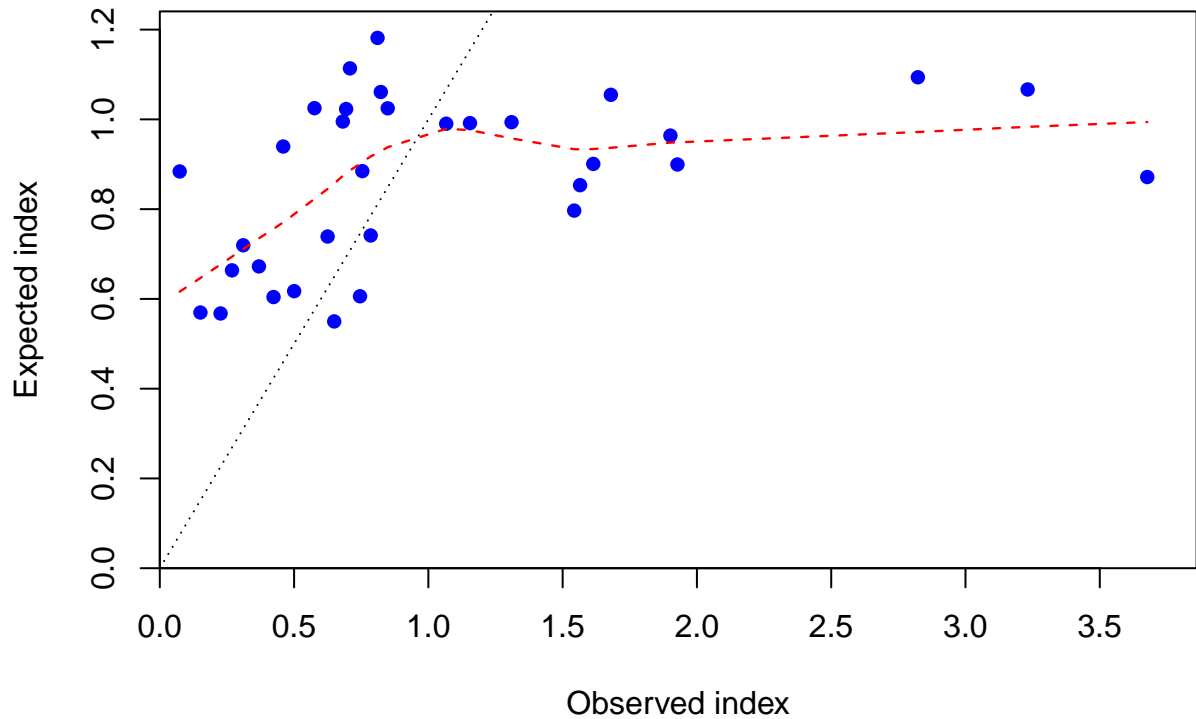


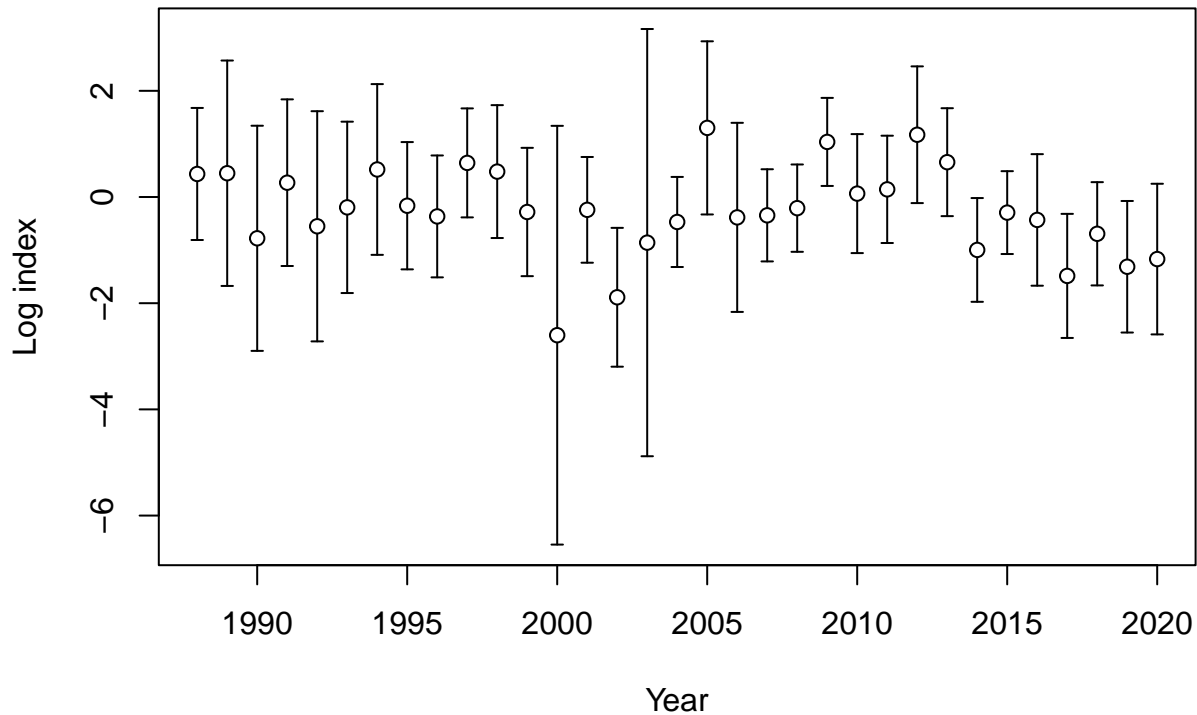
Fishing intensity: 1-SPR

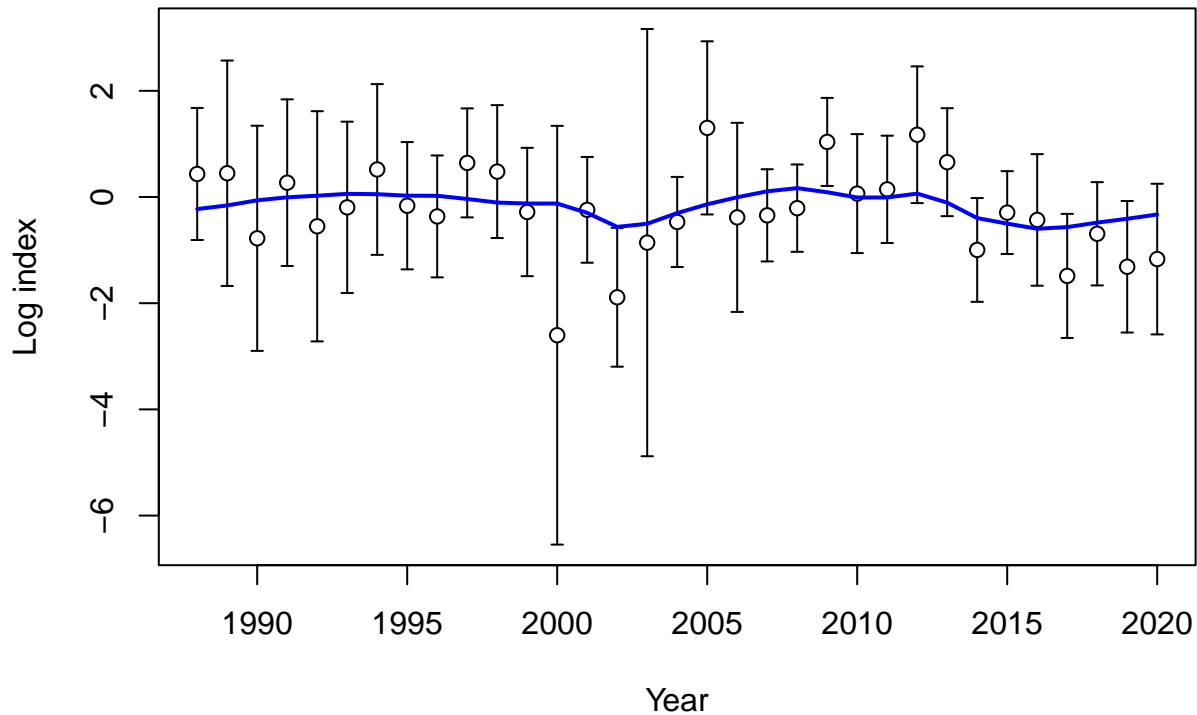


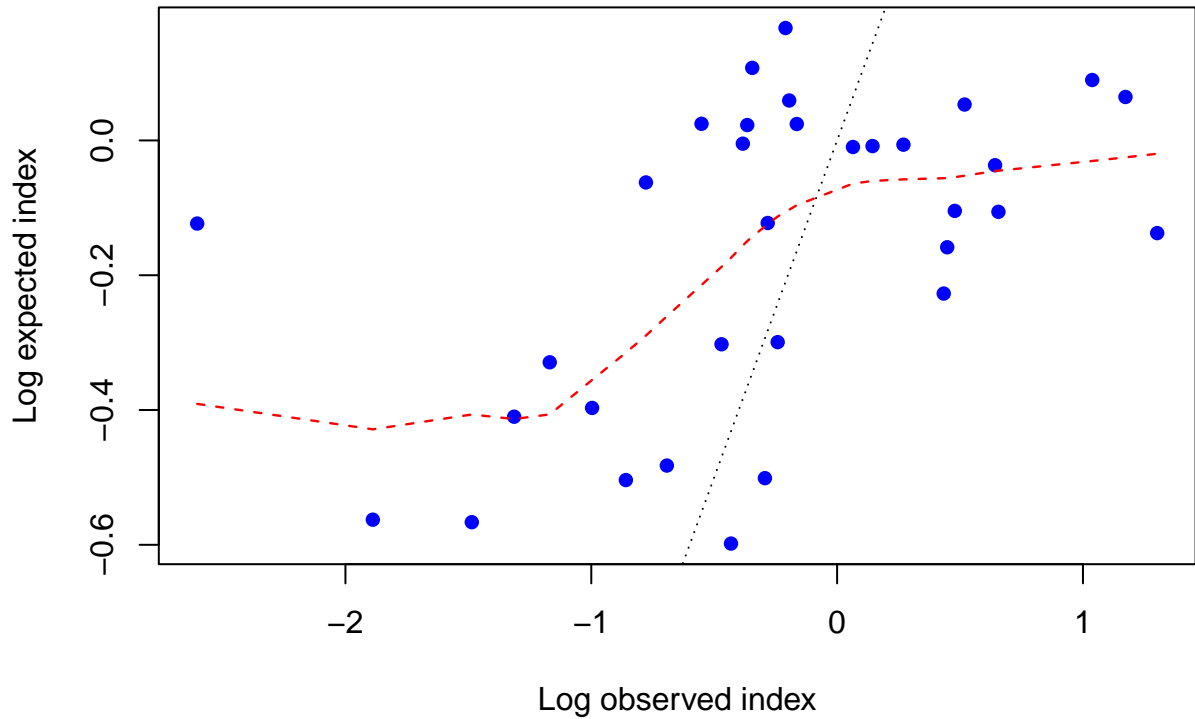


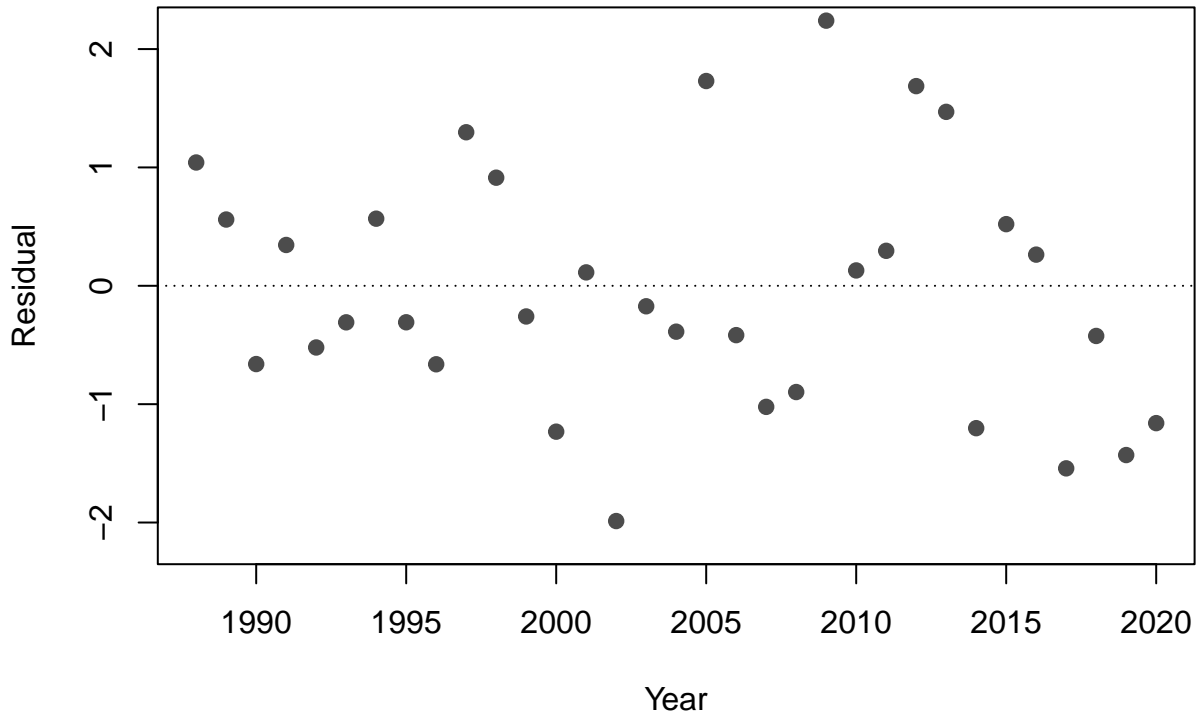


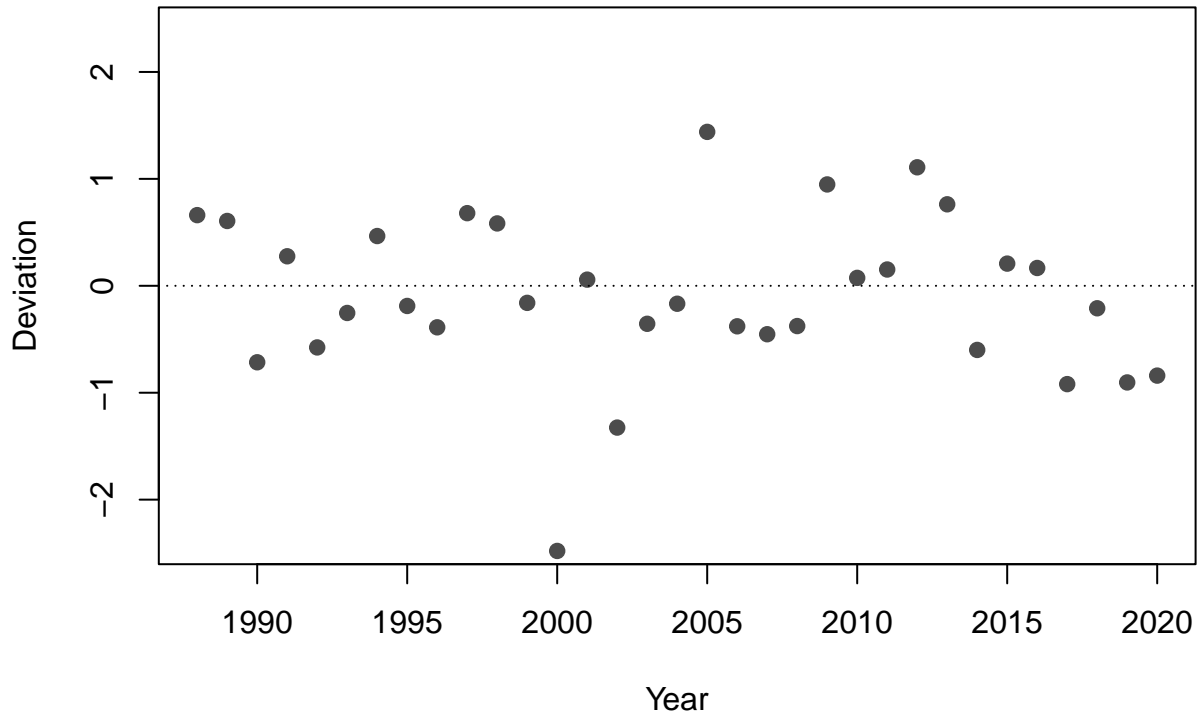


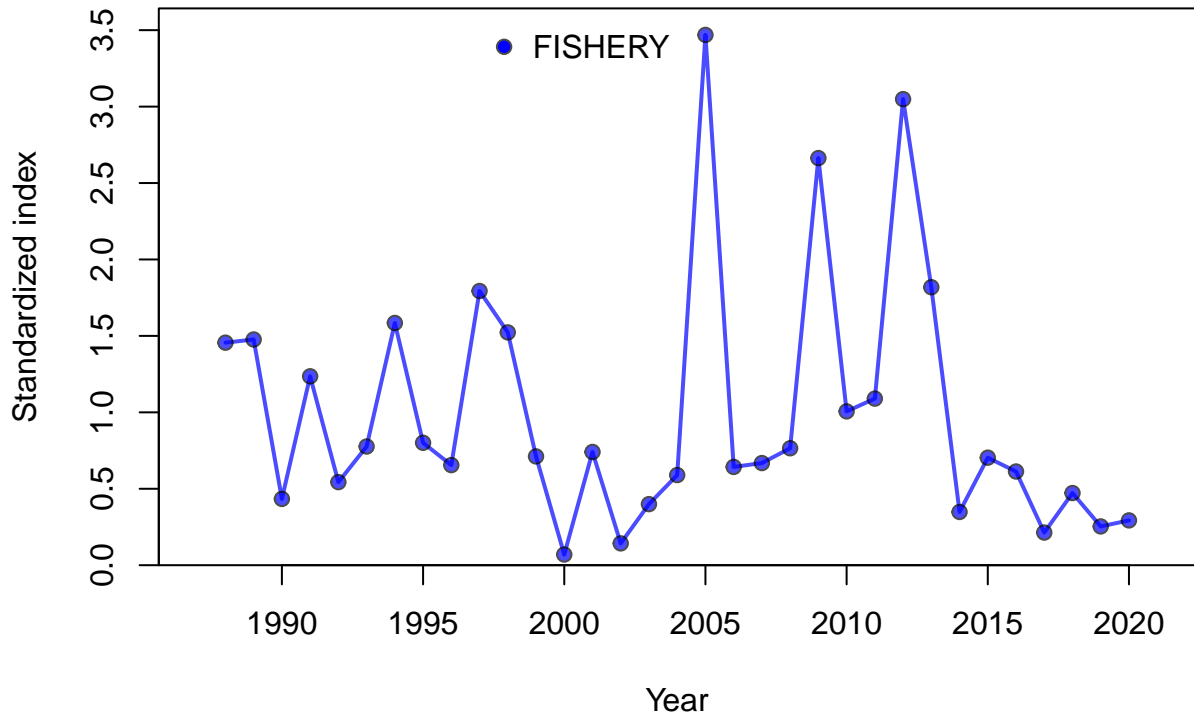


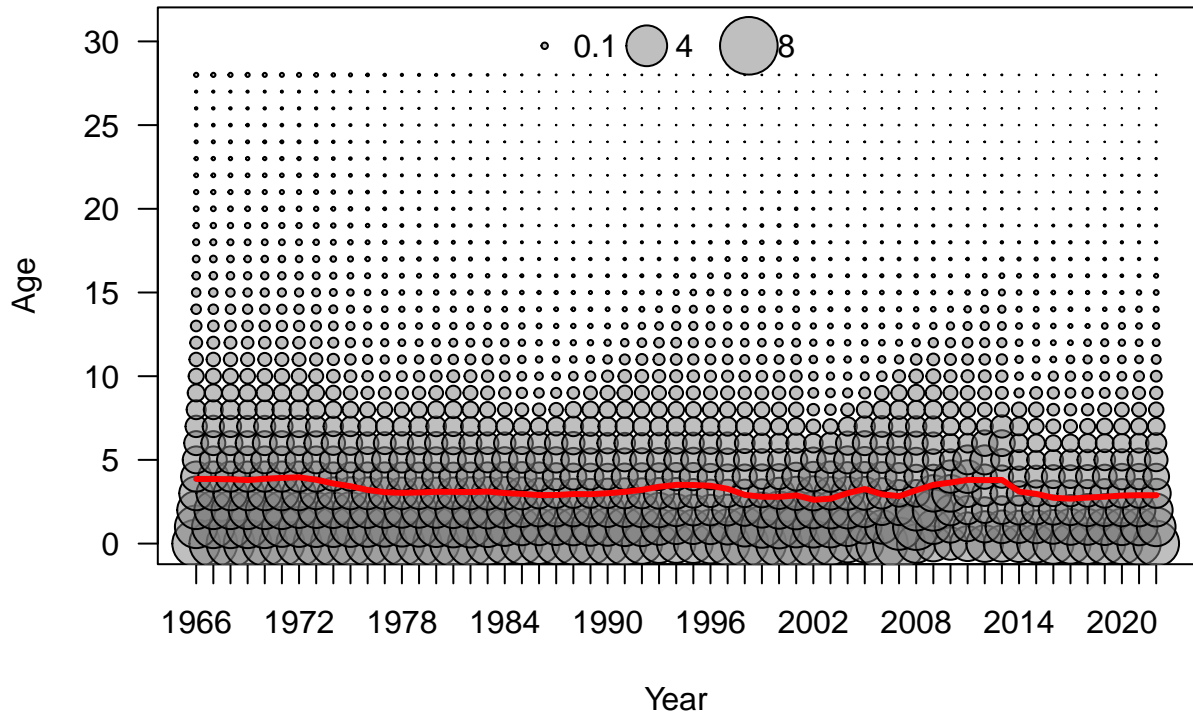


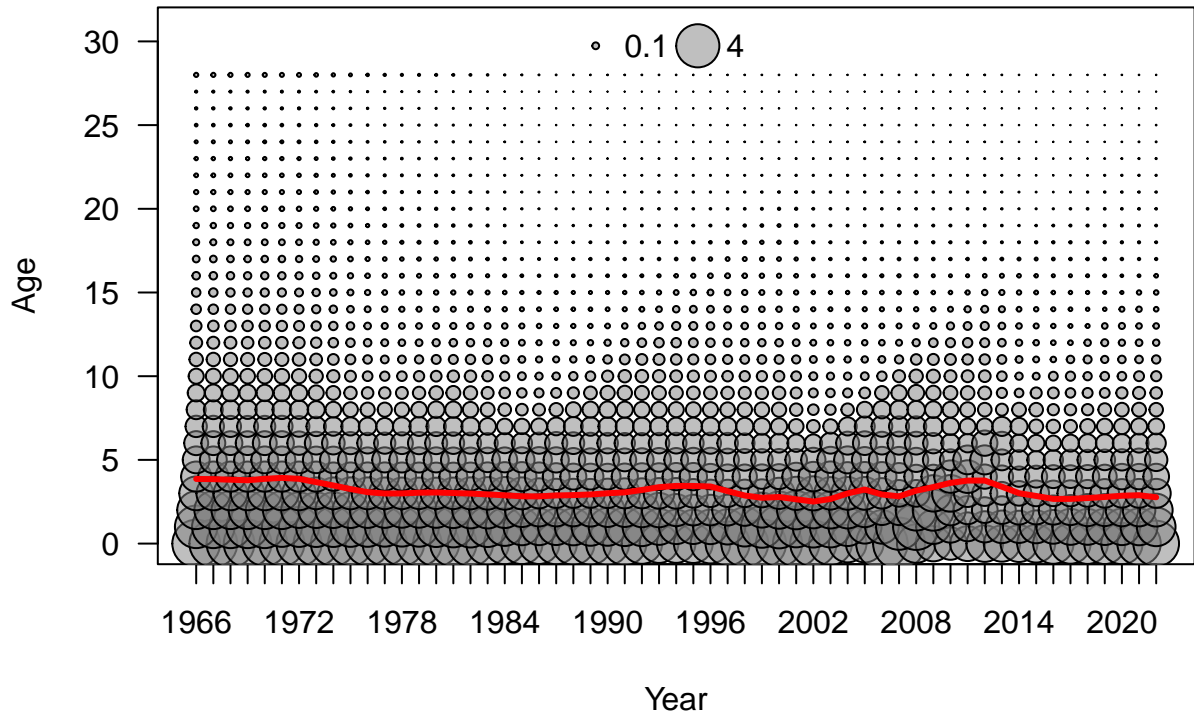


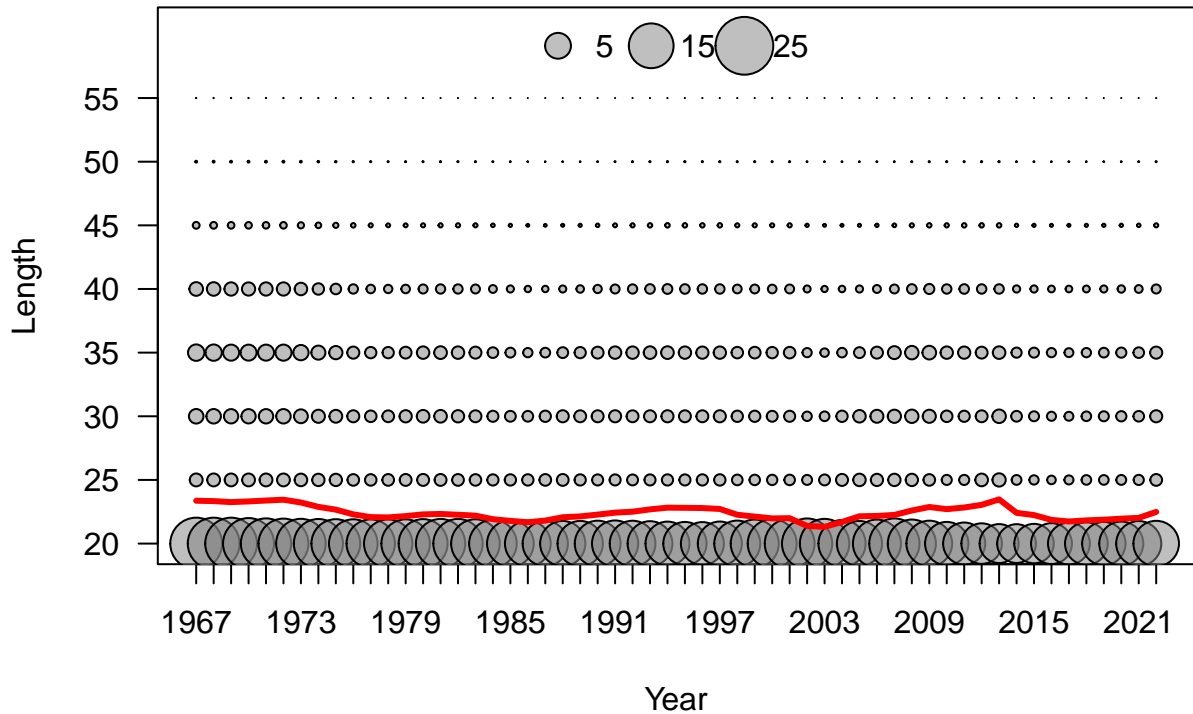


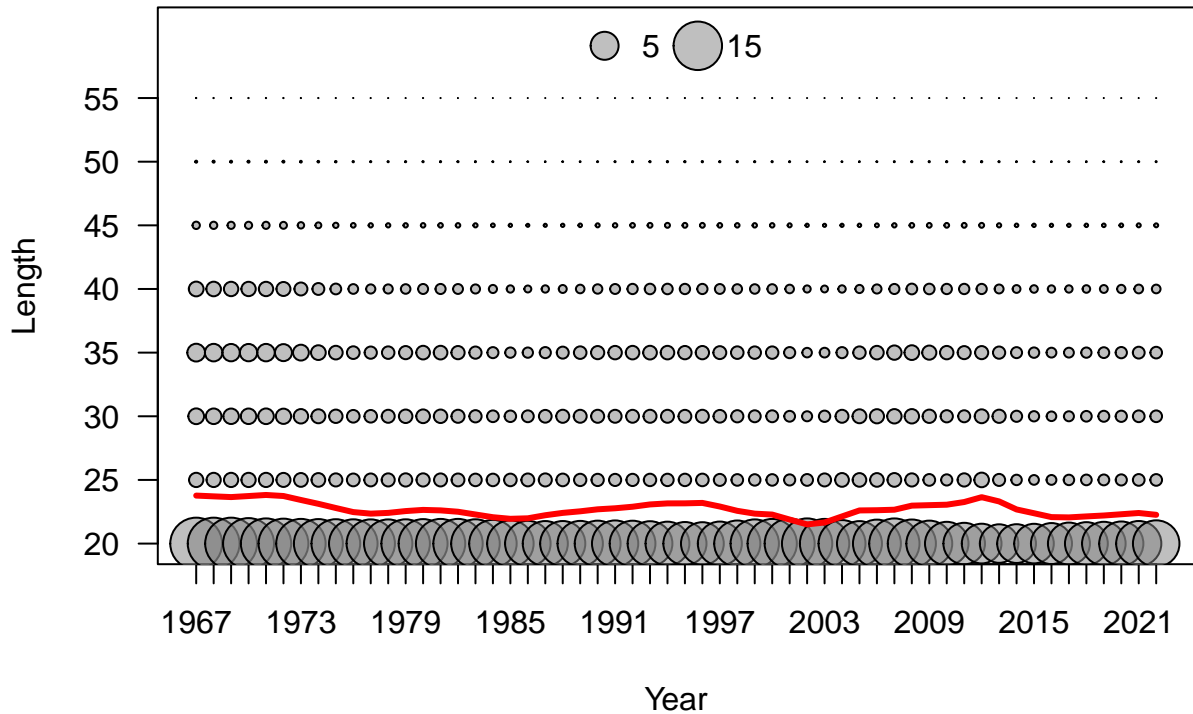


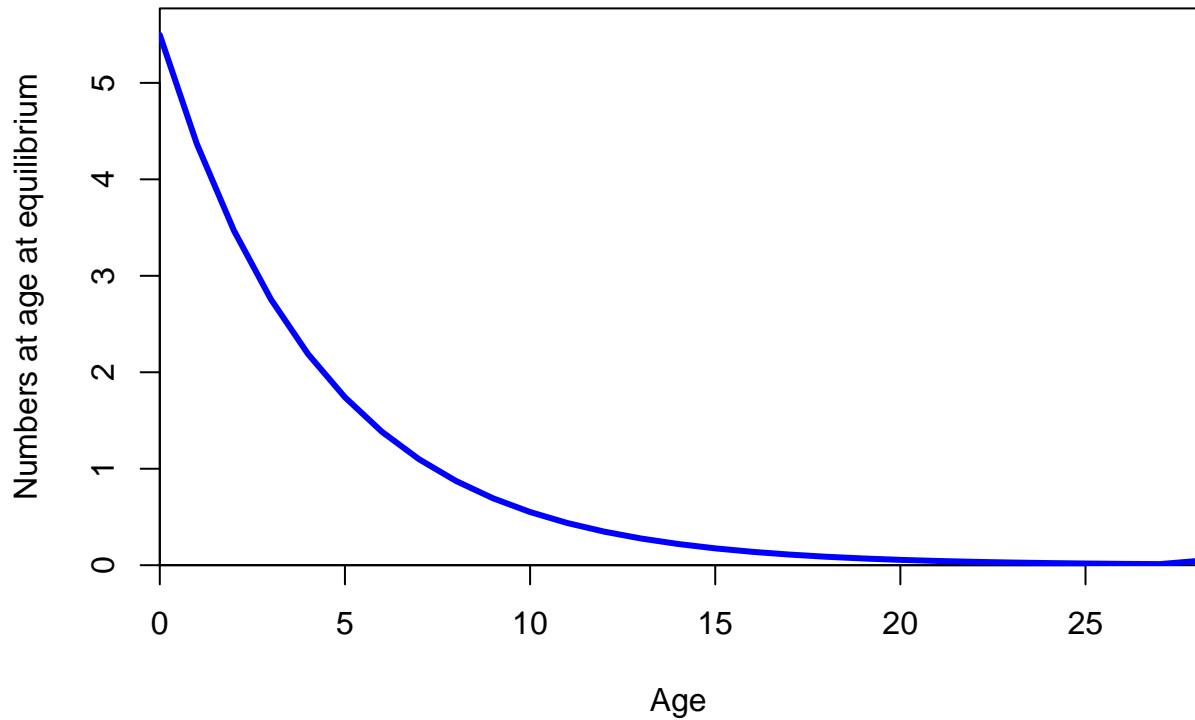


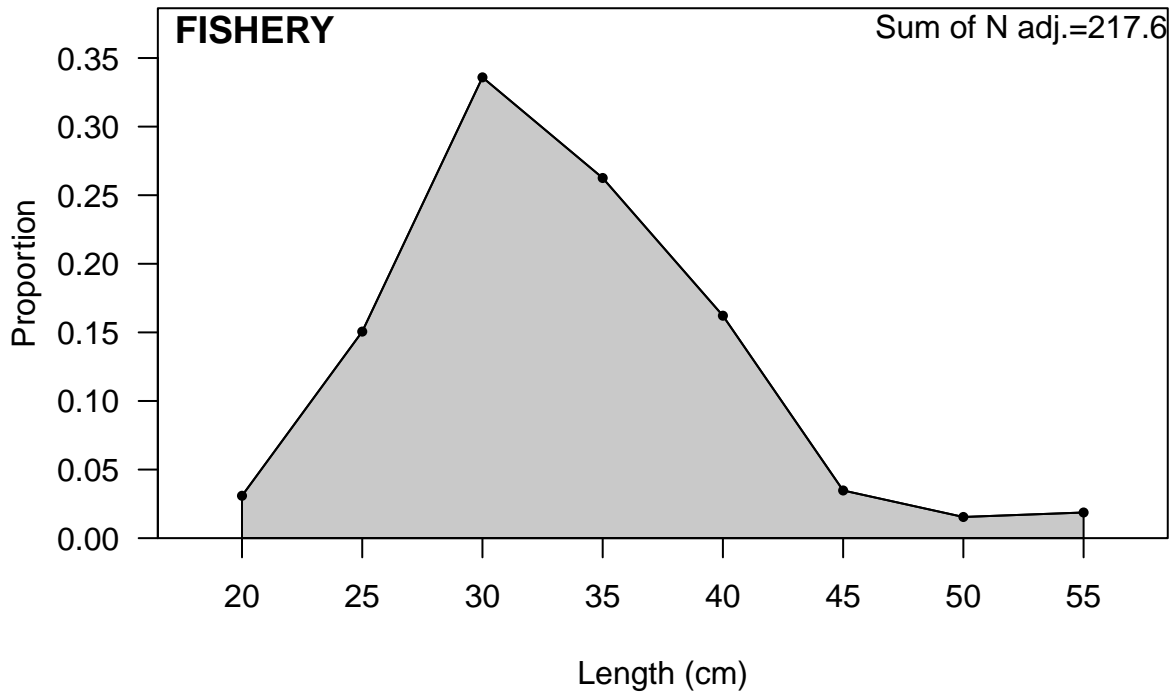


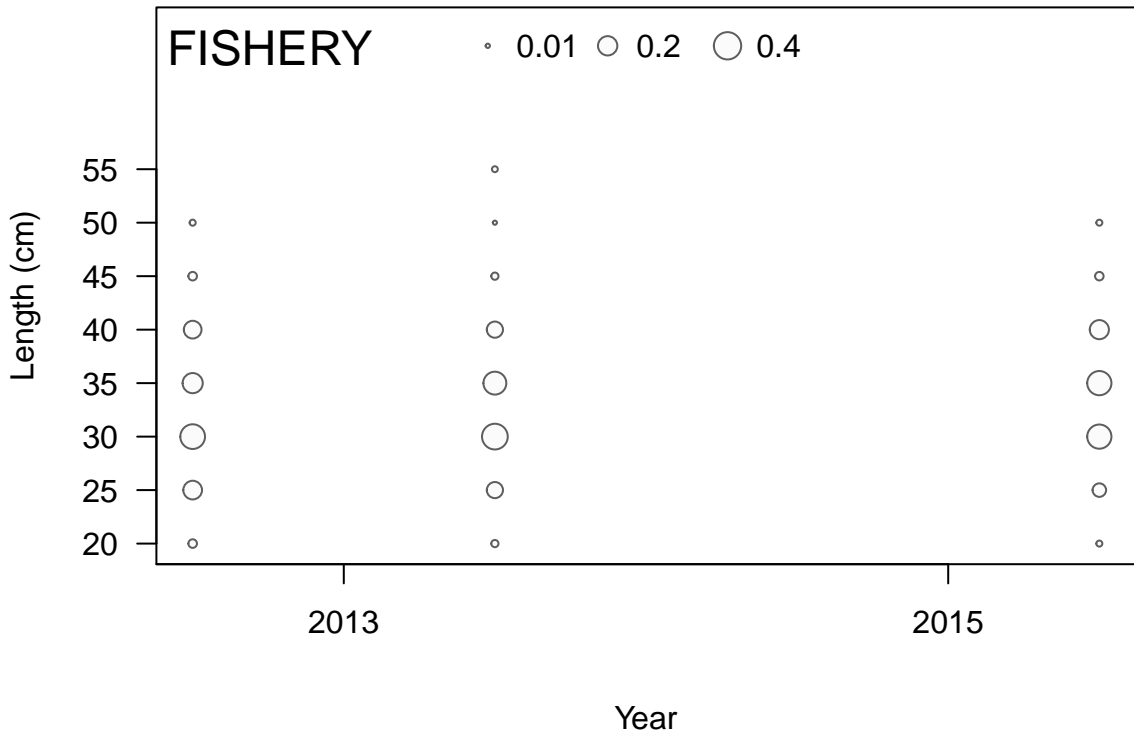


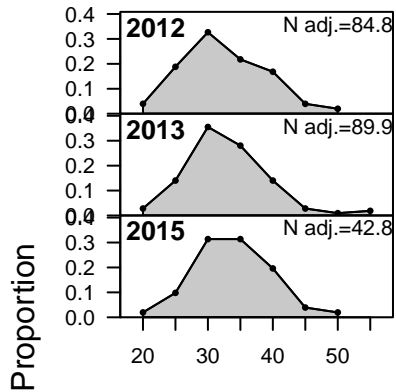




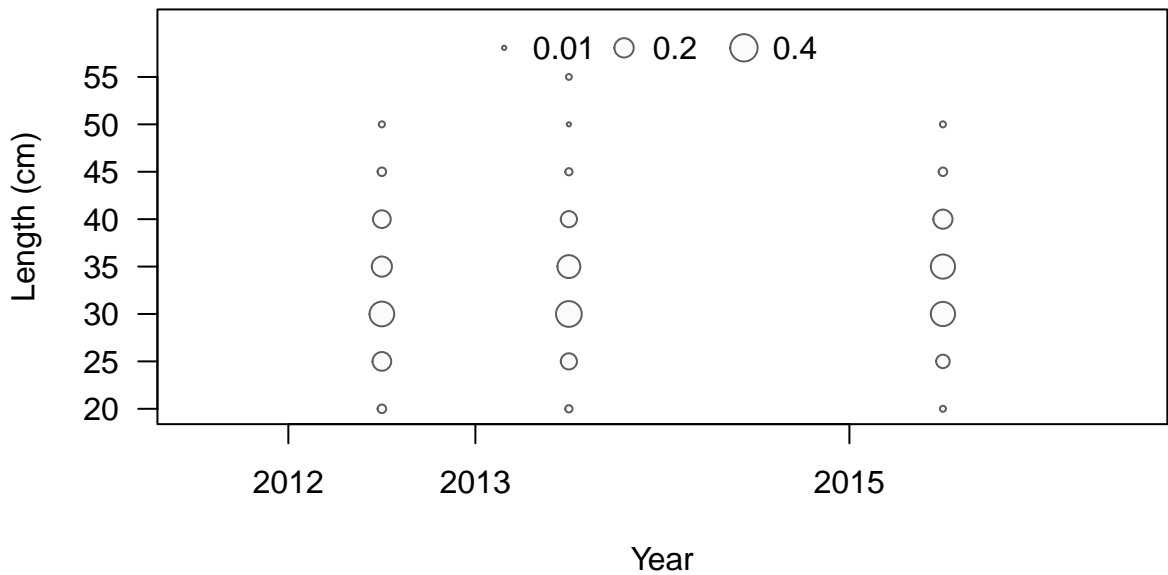




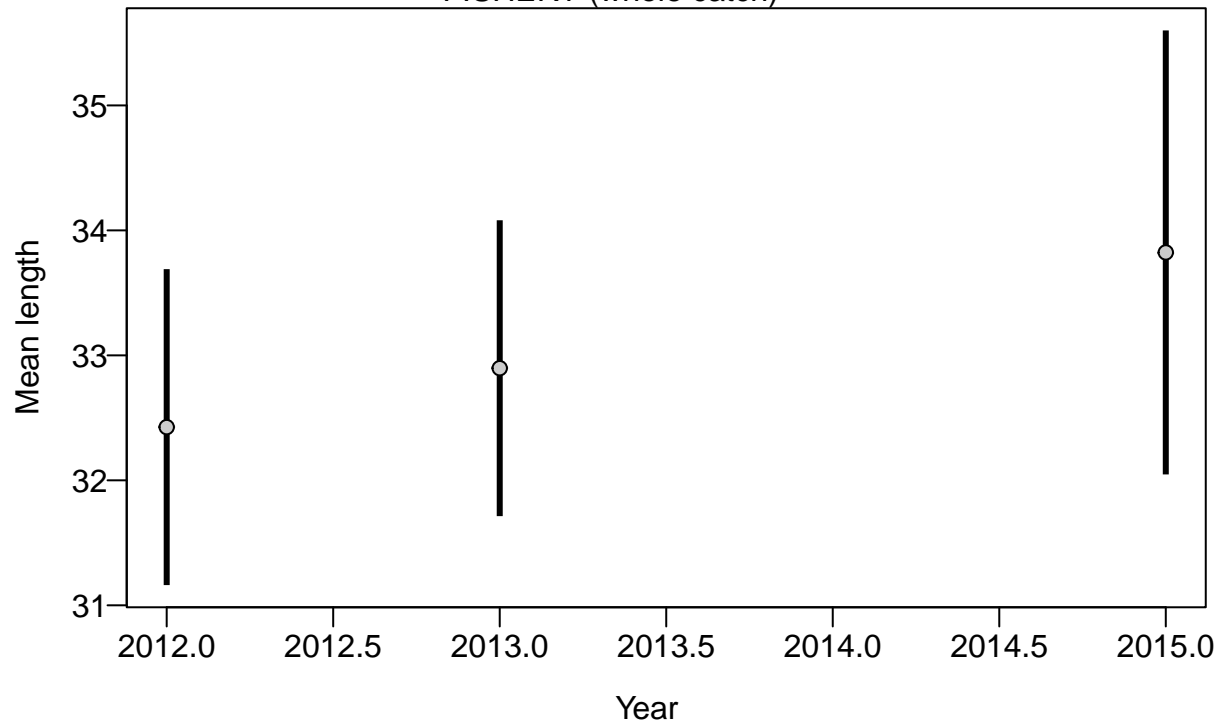


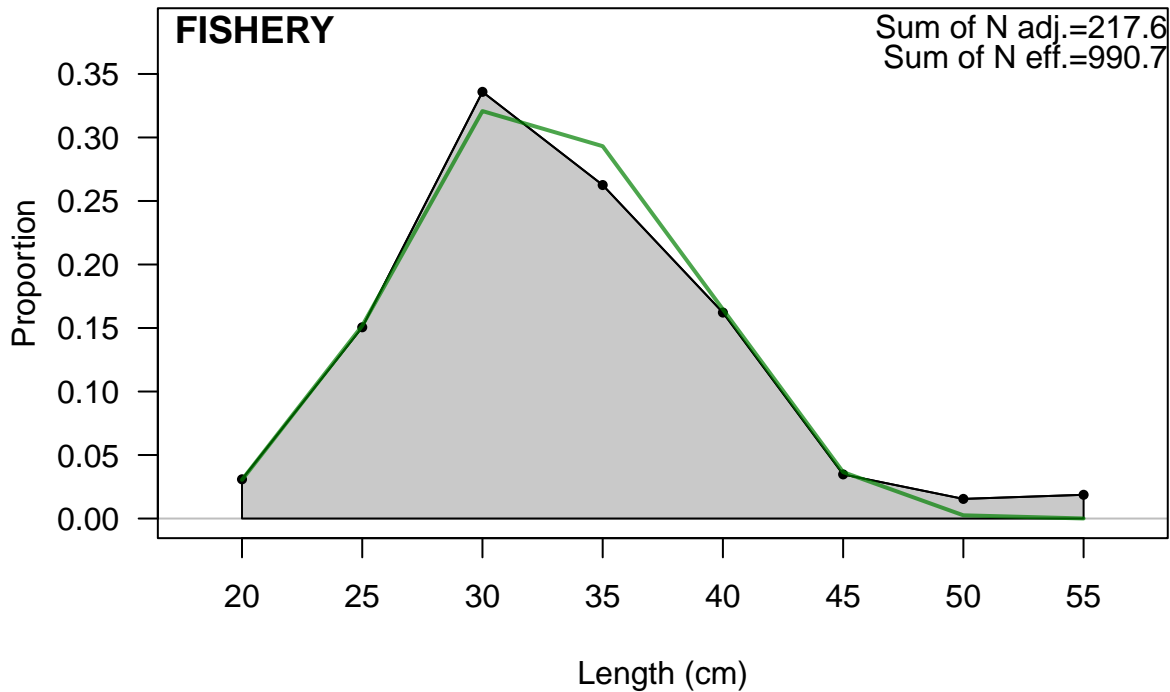


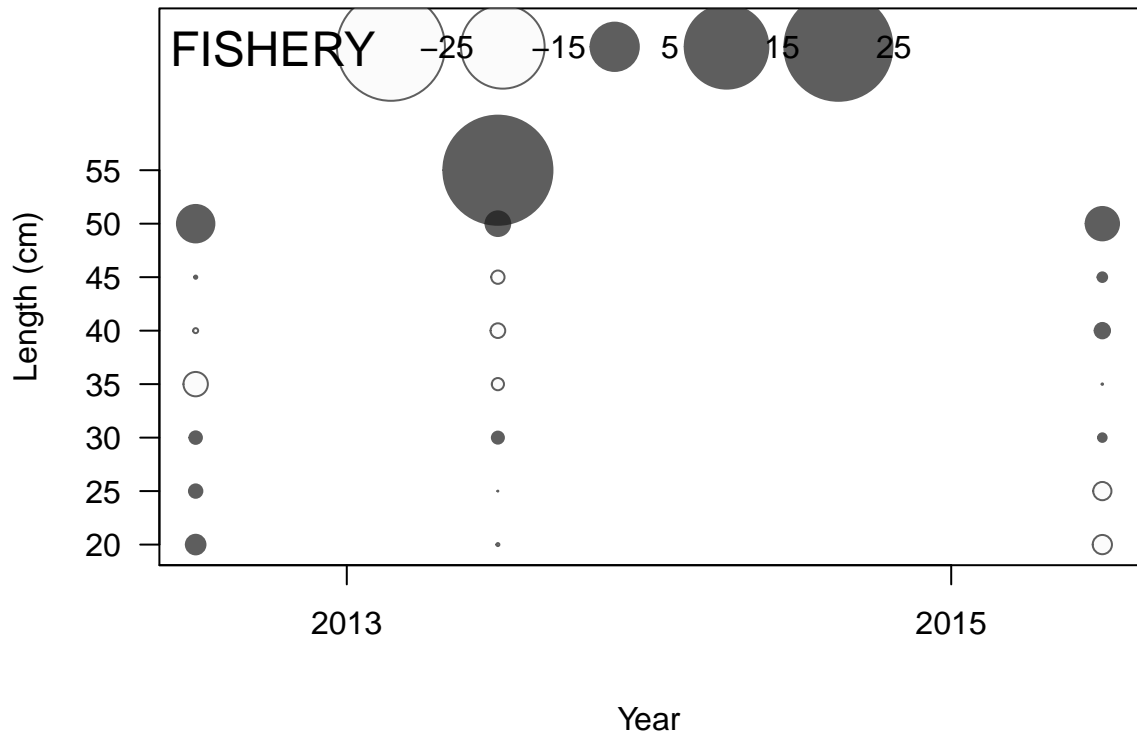
Length (cm)



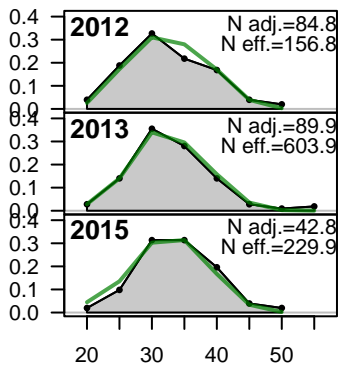
FISHERY (whole catch)



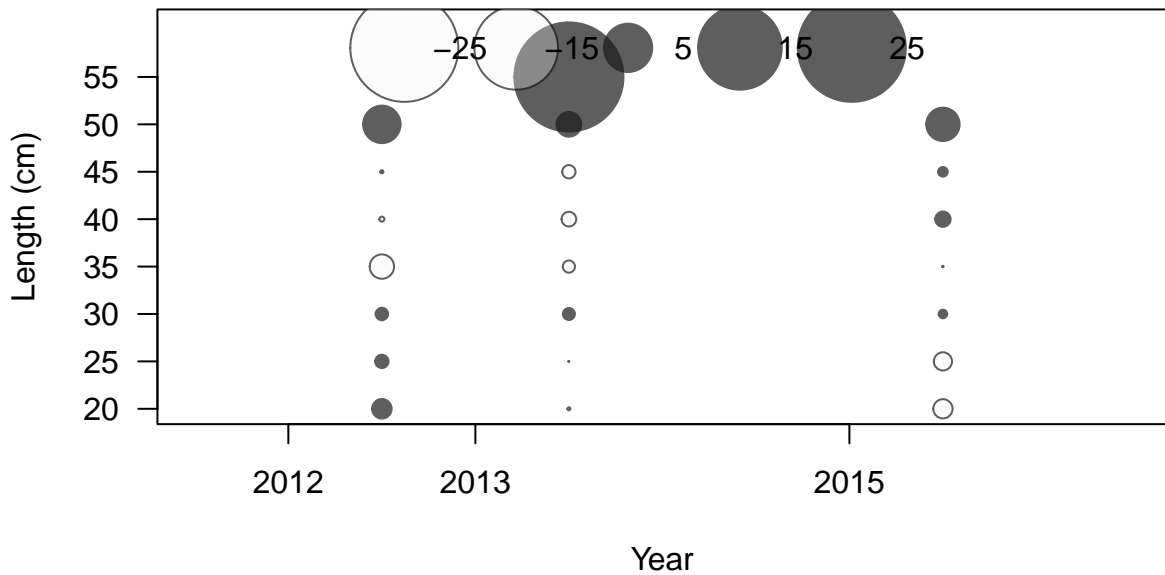




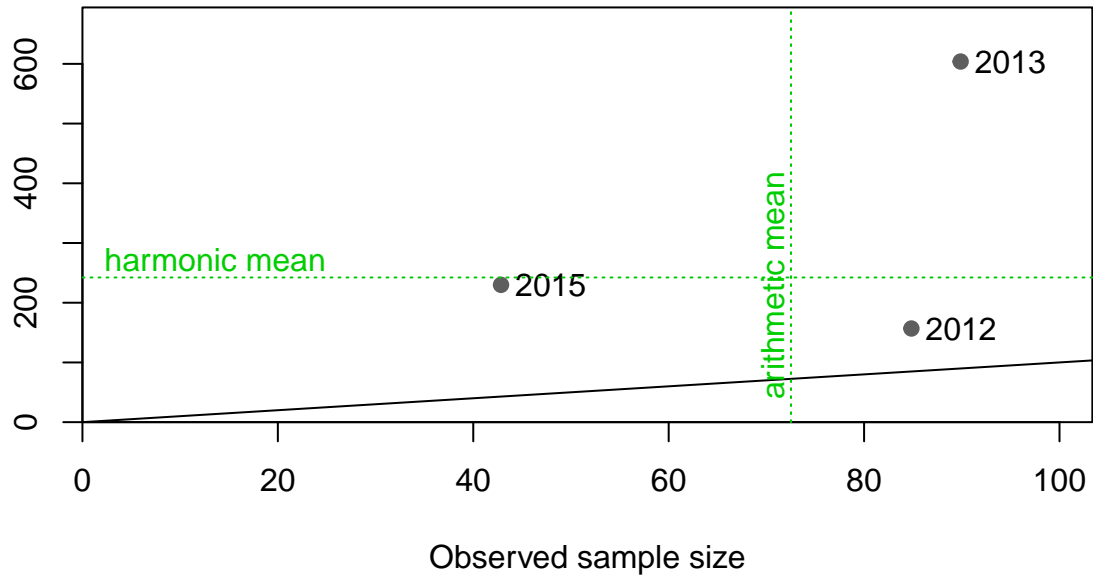
Proportion



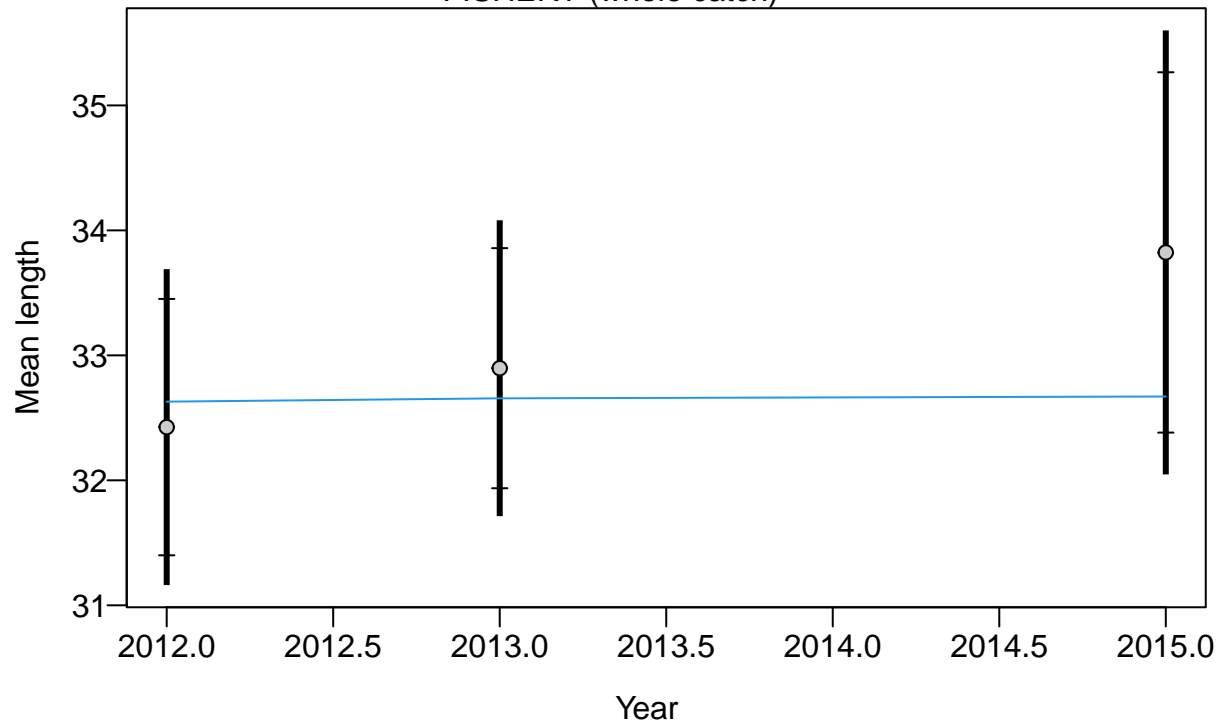
Length (cm)

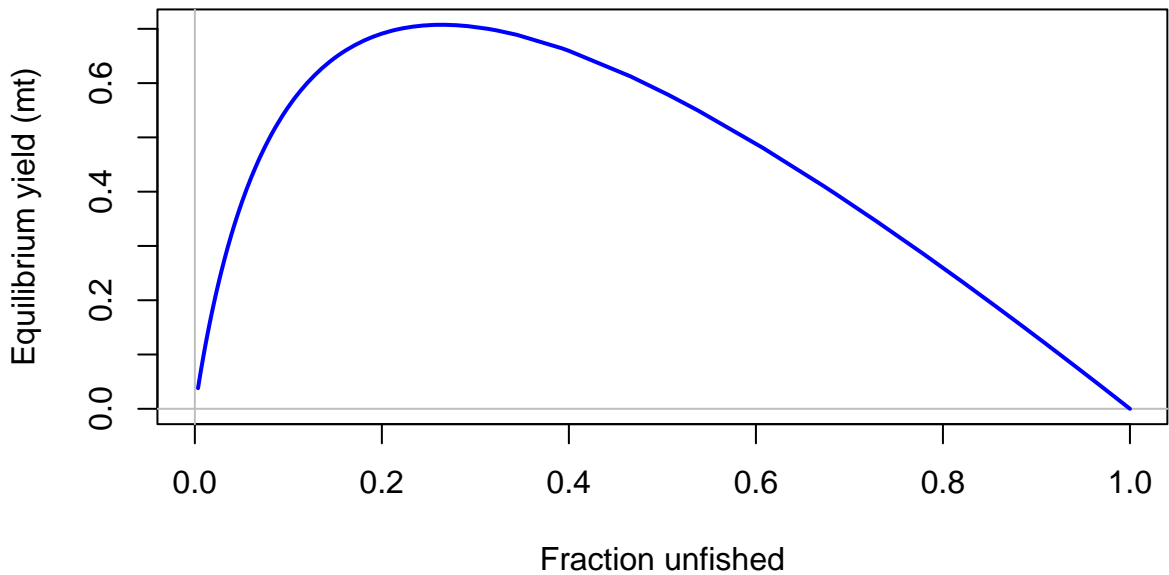


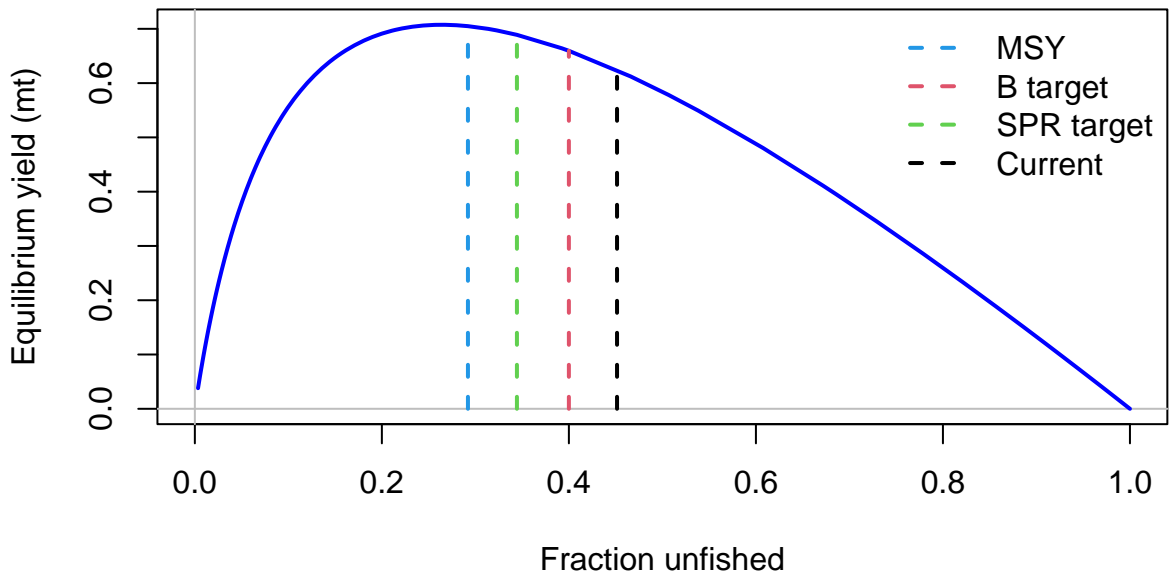
Effective sample size

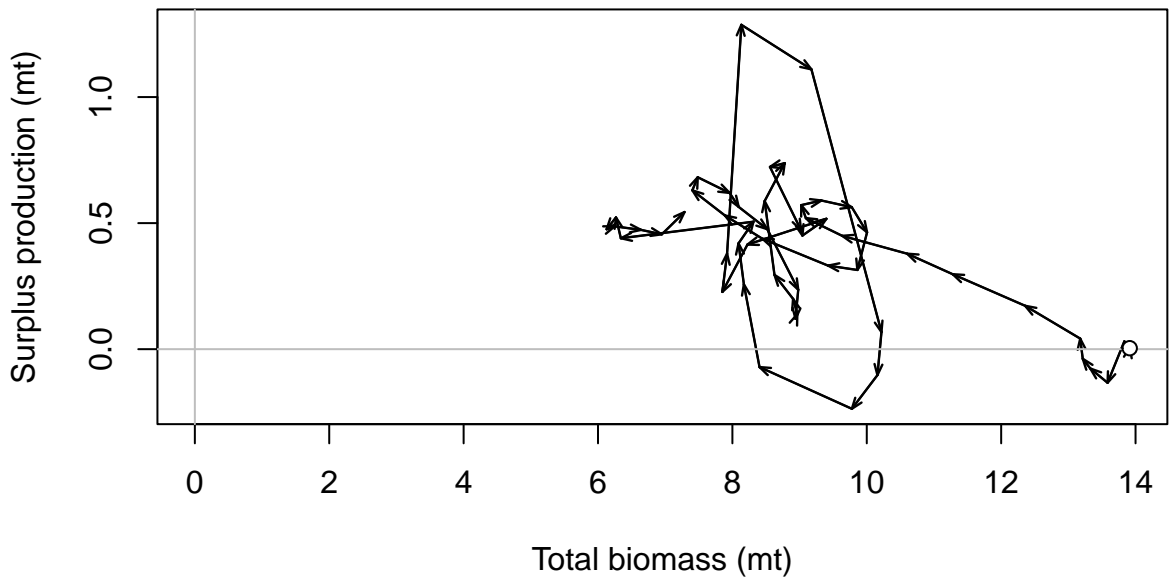


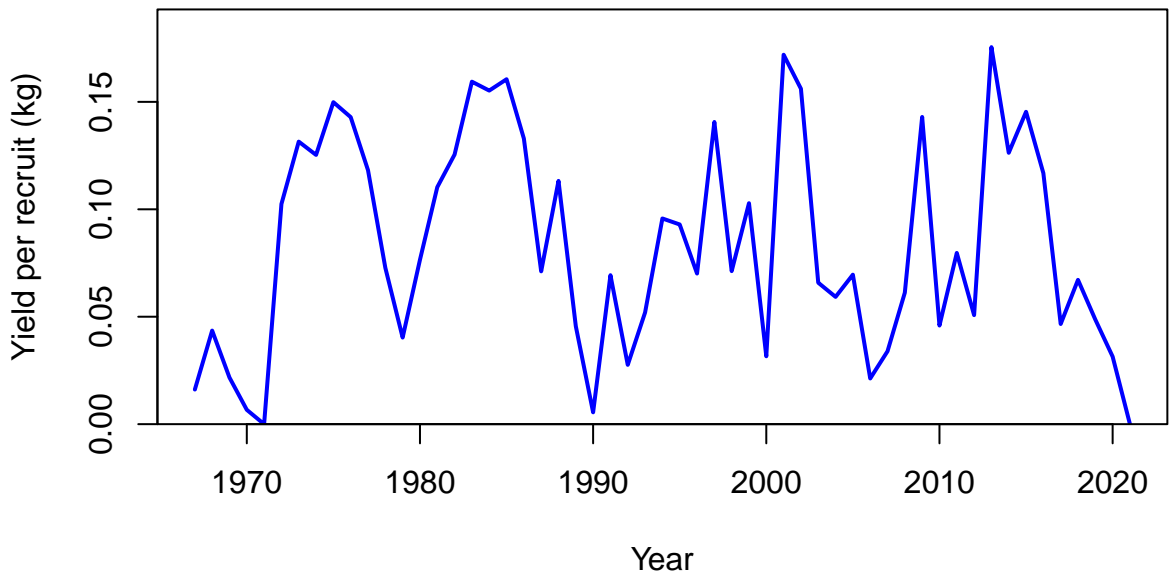
FISHERY (whole catch)

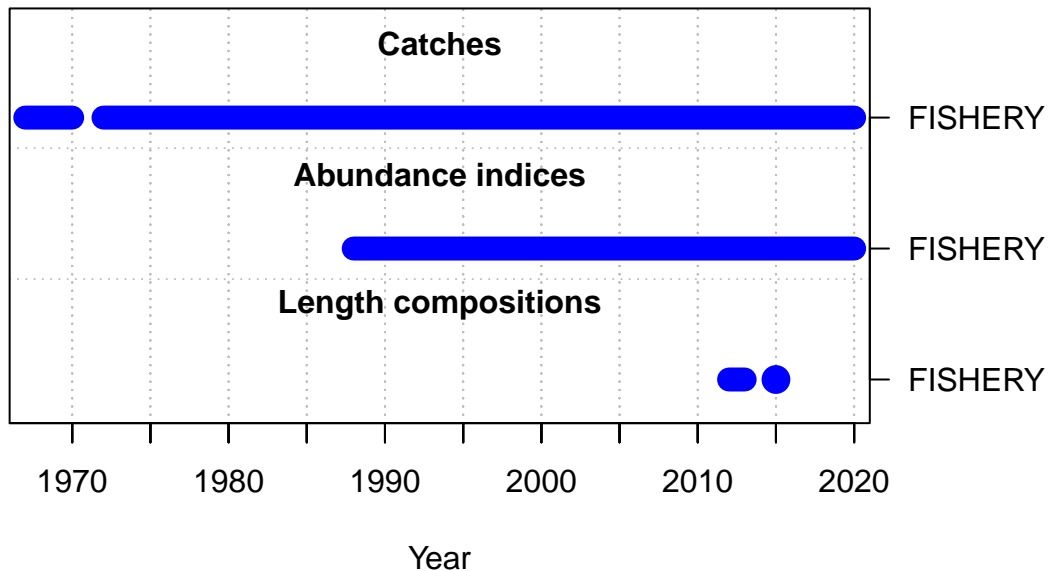


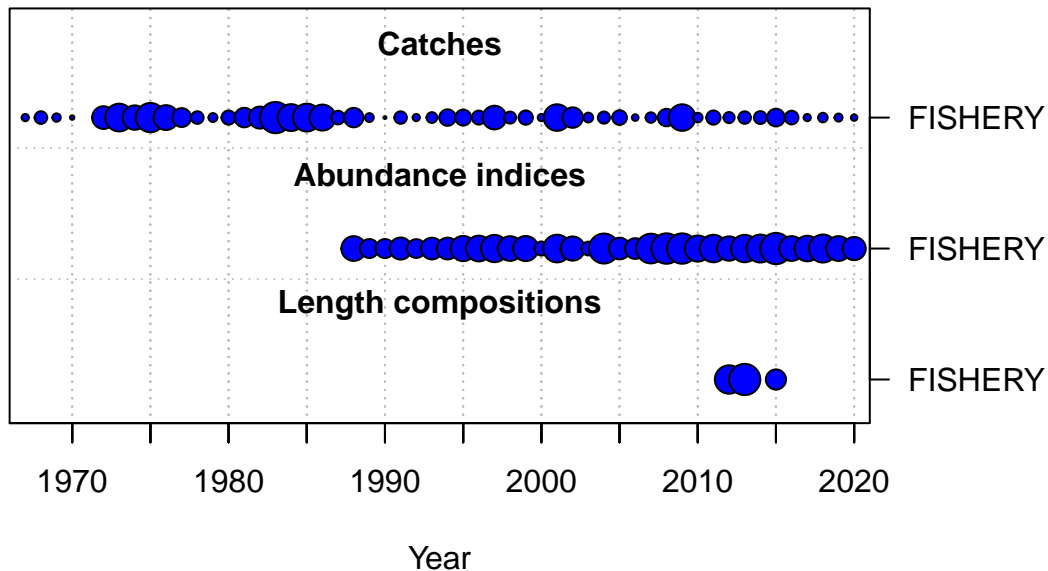








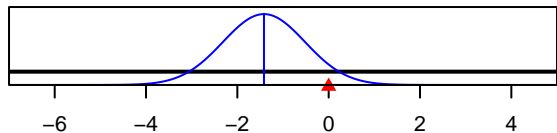




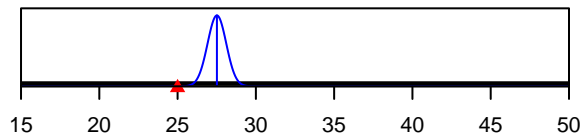
SR_LN(R0)



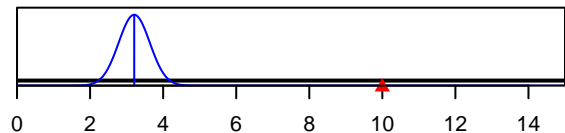
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value