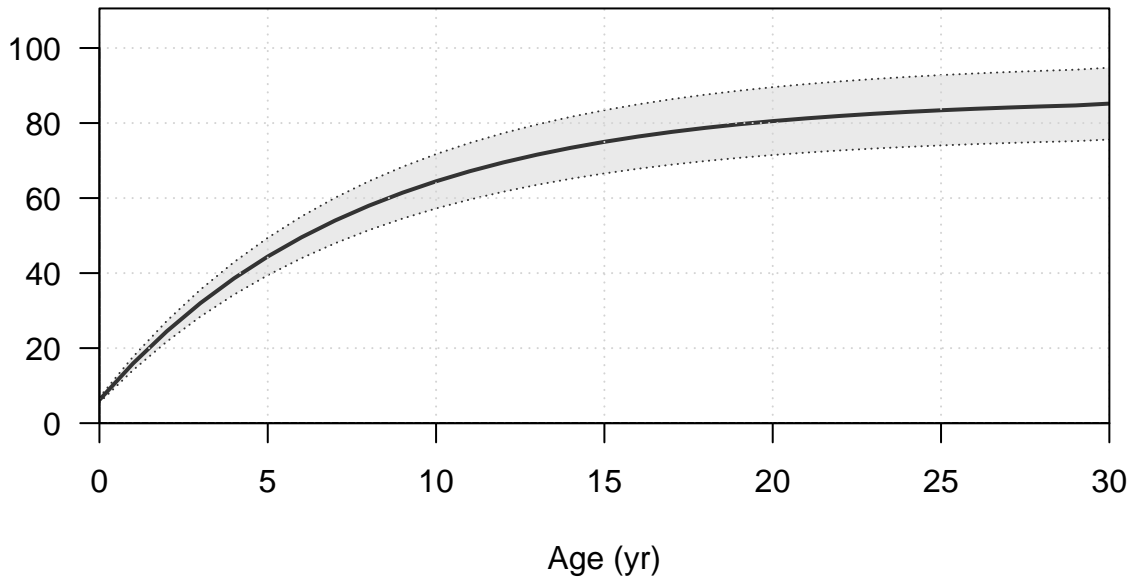
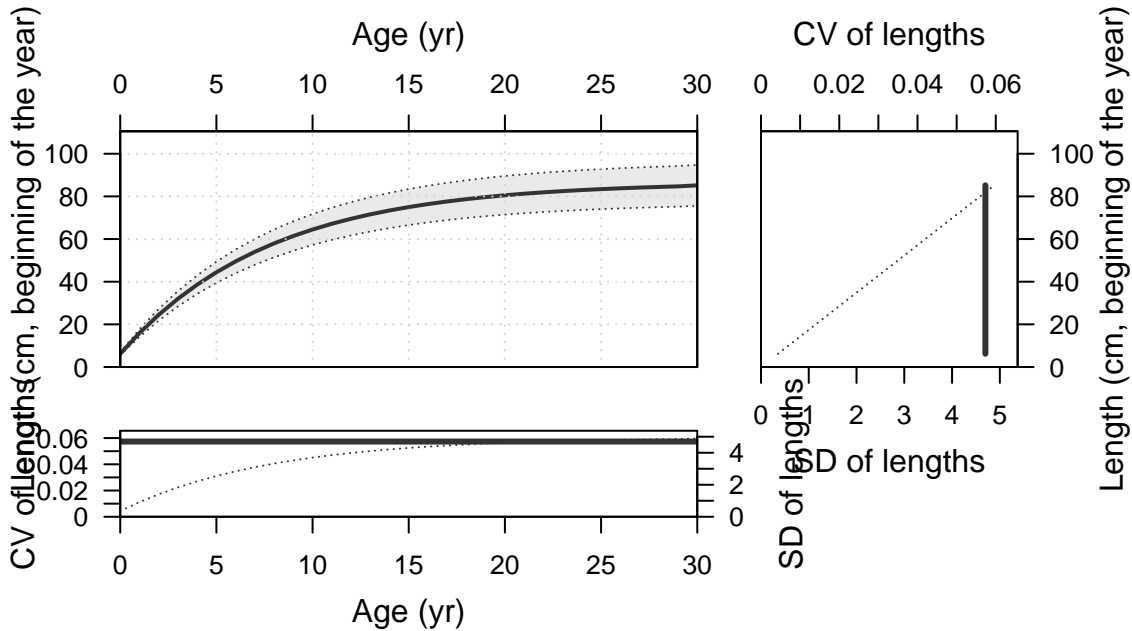
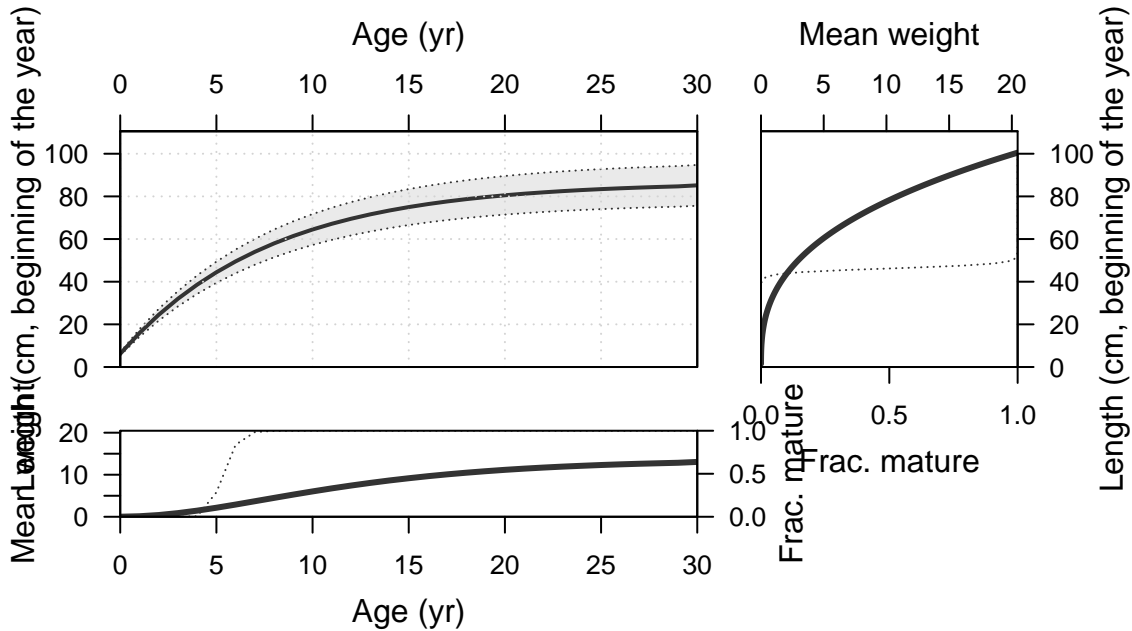


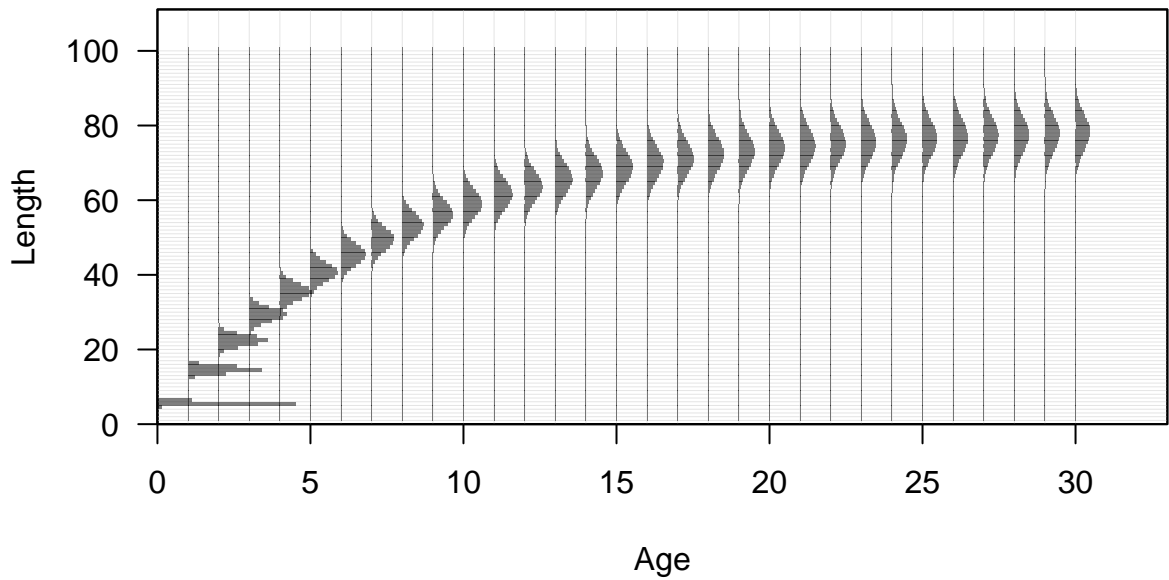
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Sun Feb 19 15:07:31 2023
Data_File: data.ss
Control_File: control.ss

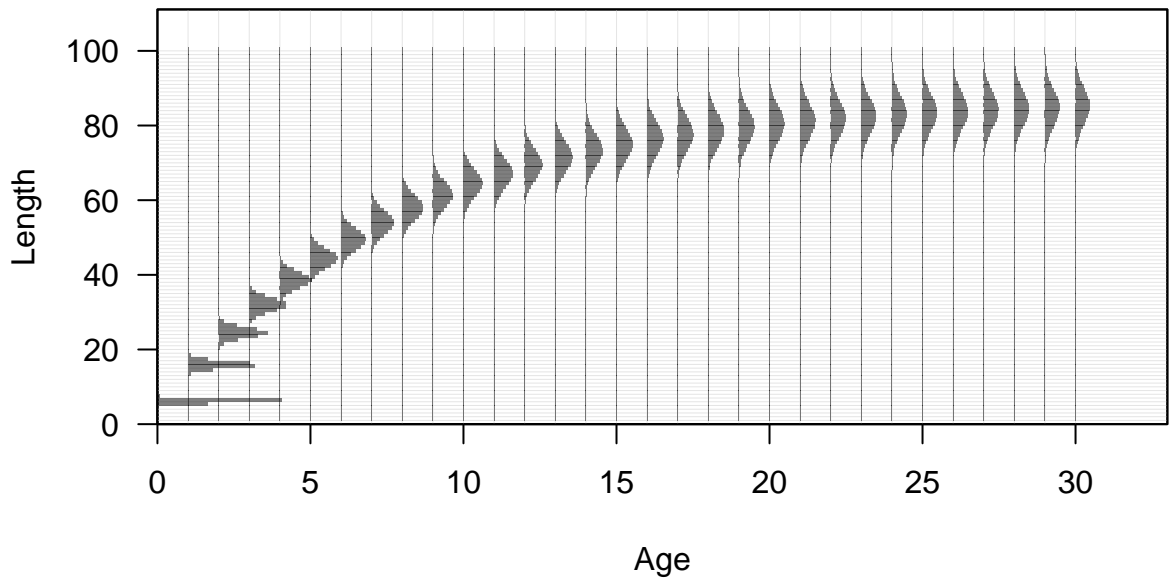
Length (cm, beginning of the year)

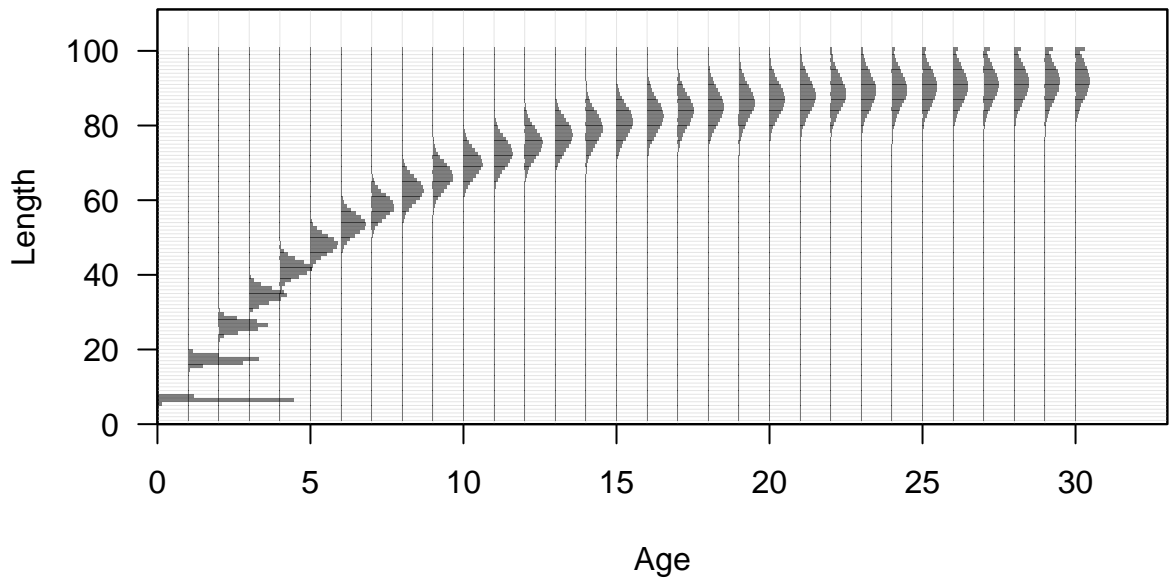


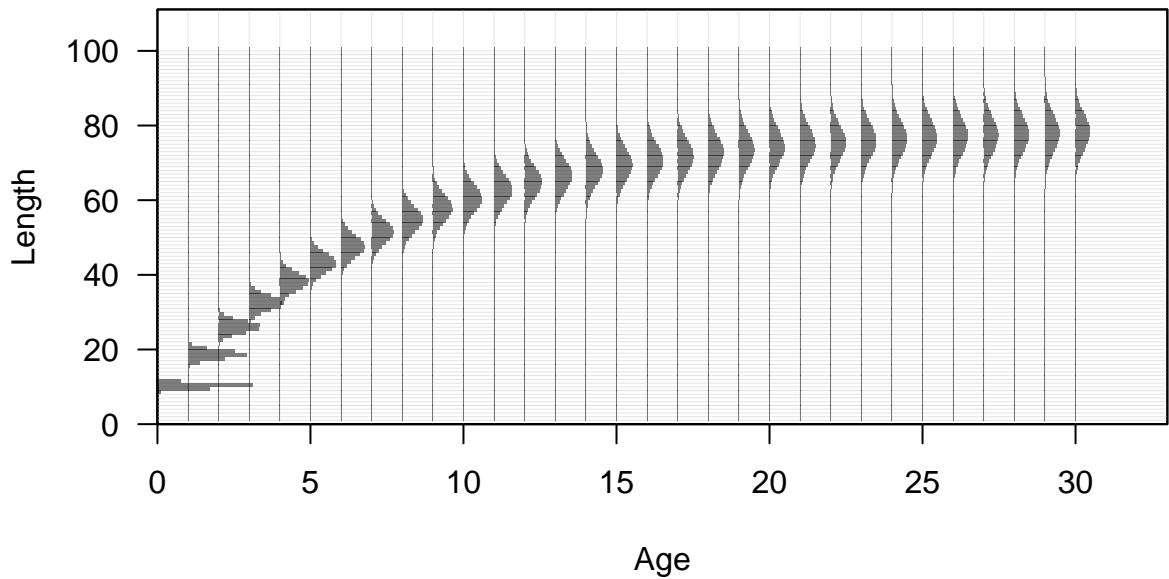


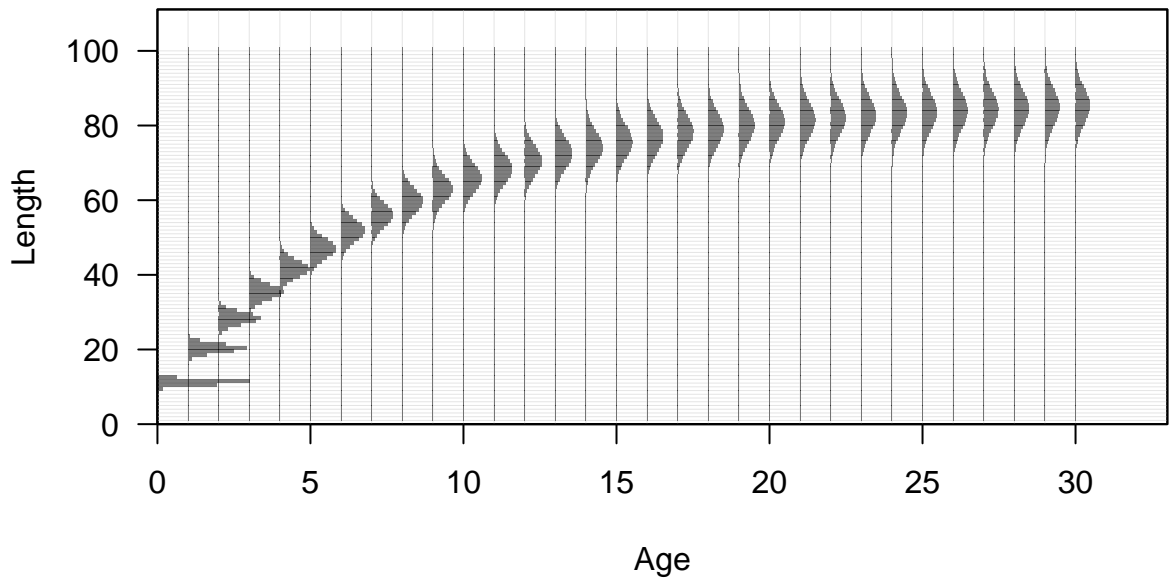


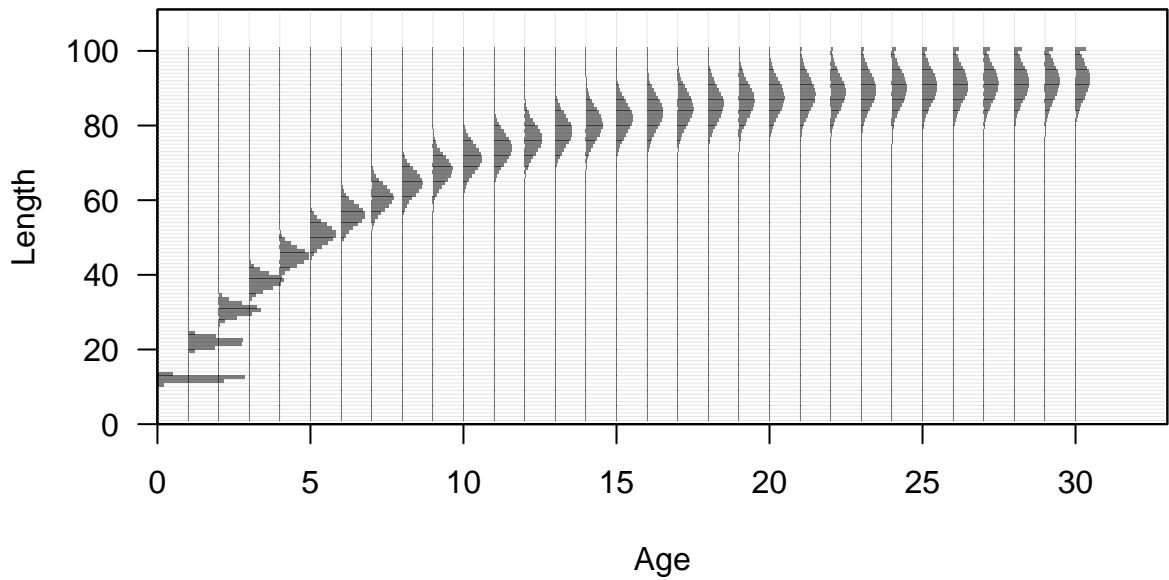




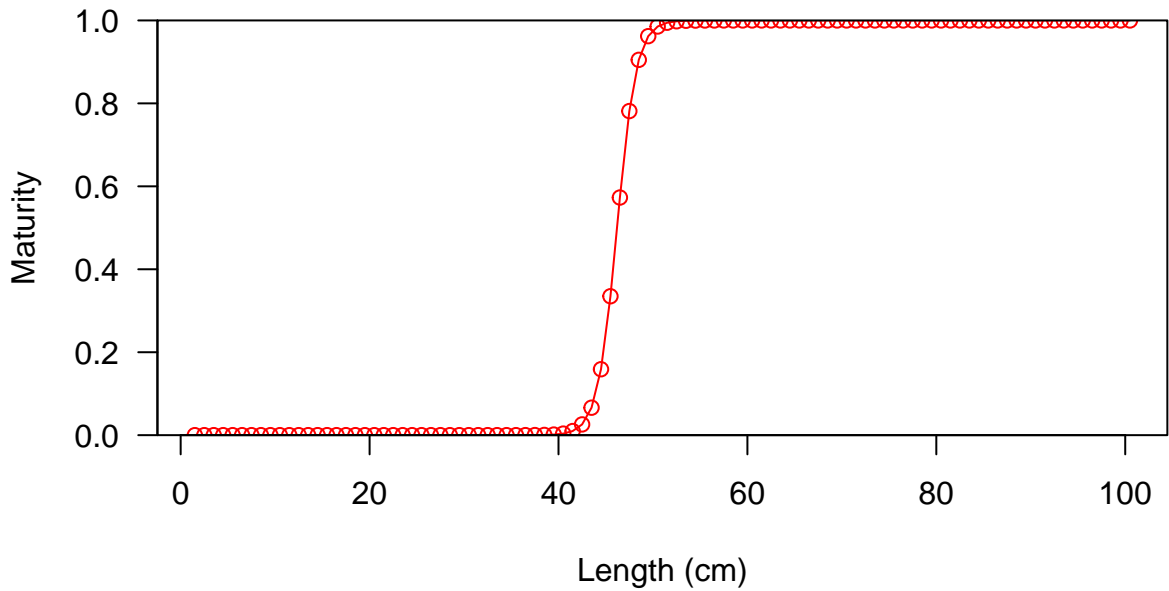


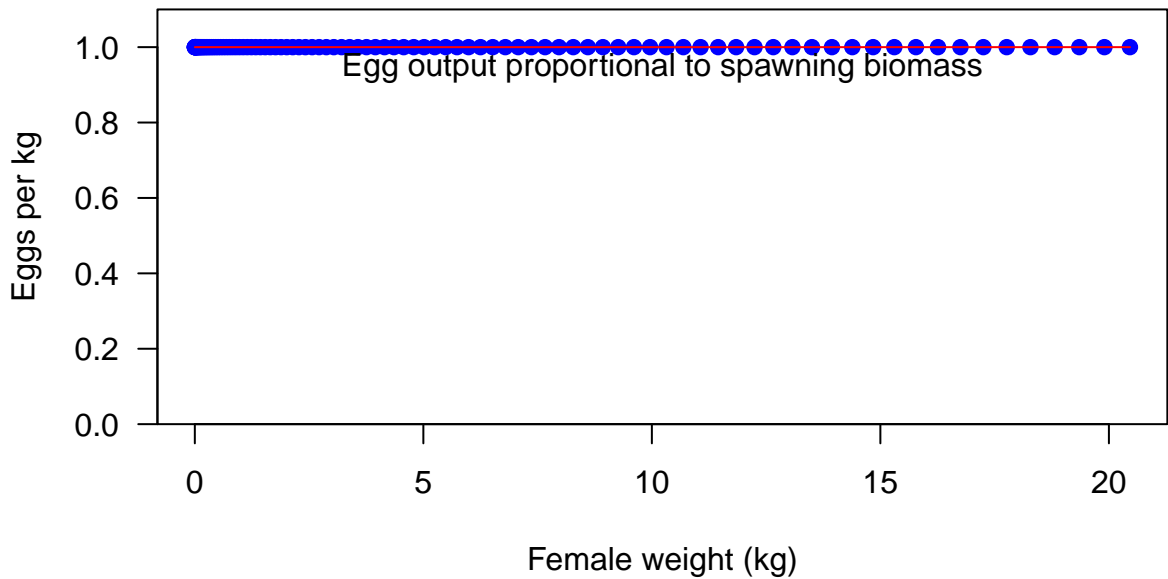




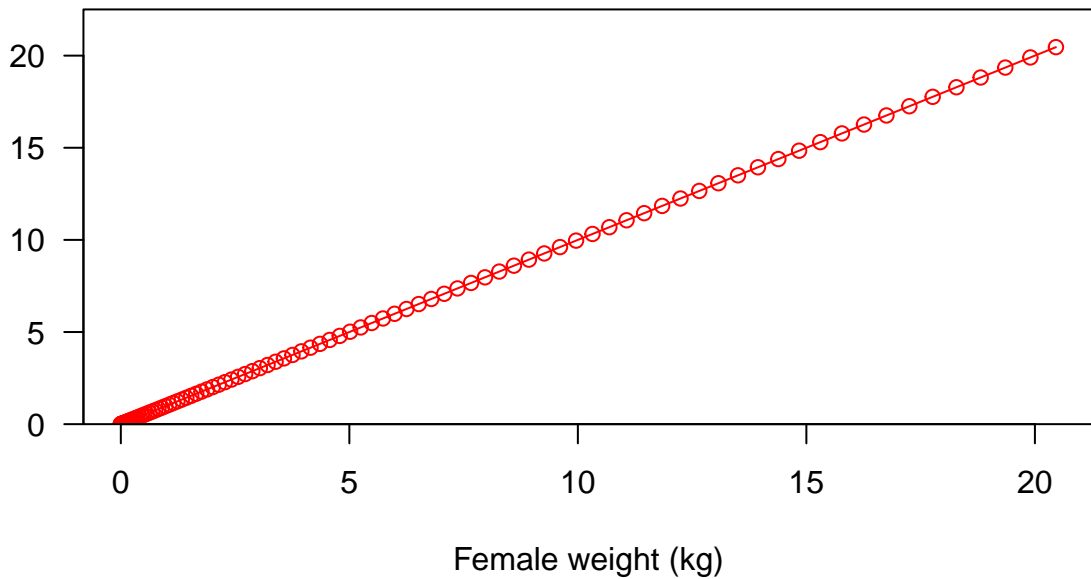








Fecundity



Fecundity

20

15

10

5

0

0

20

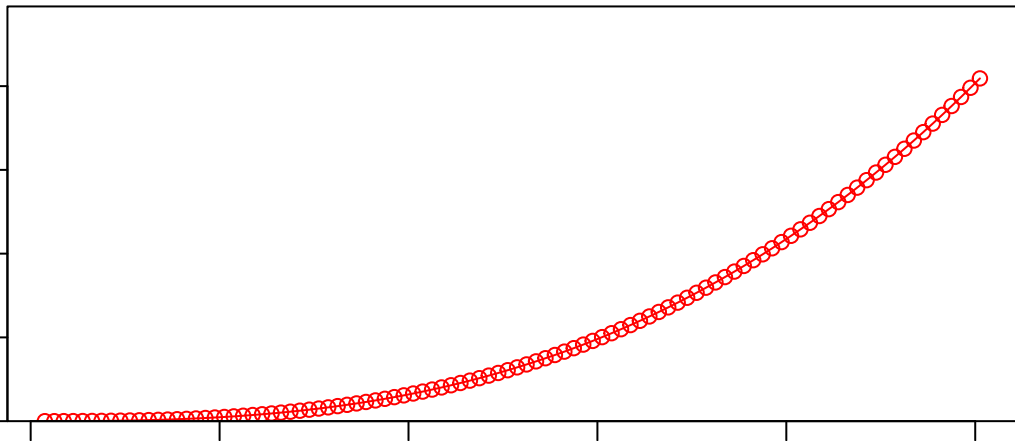
40

60

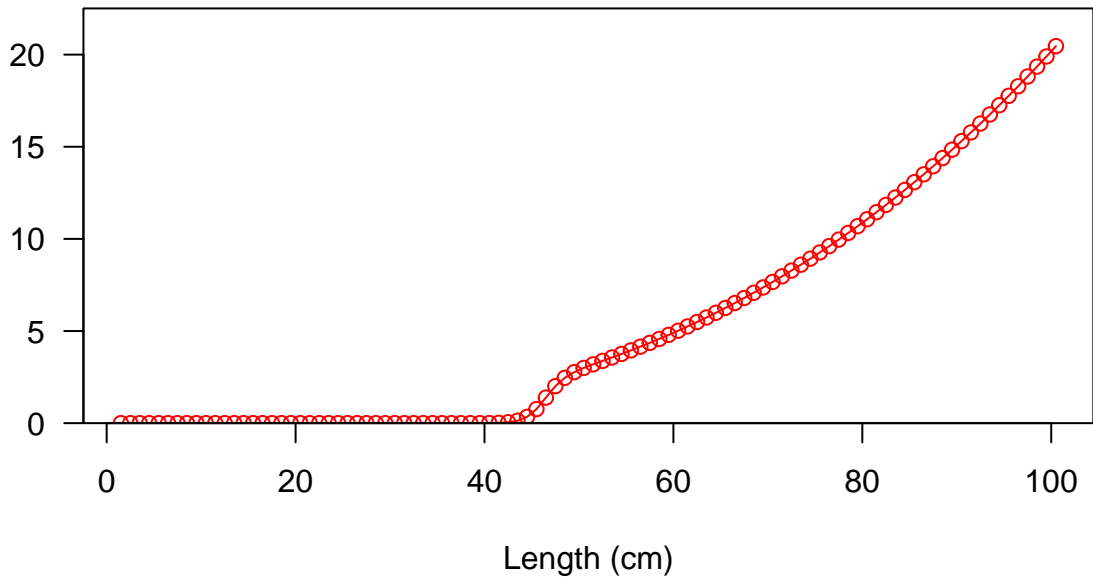
80

100

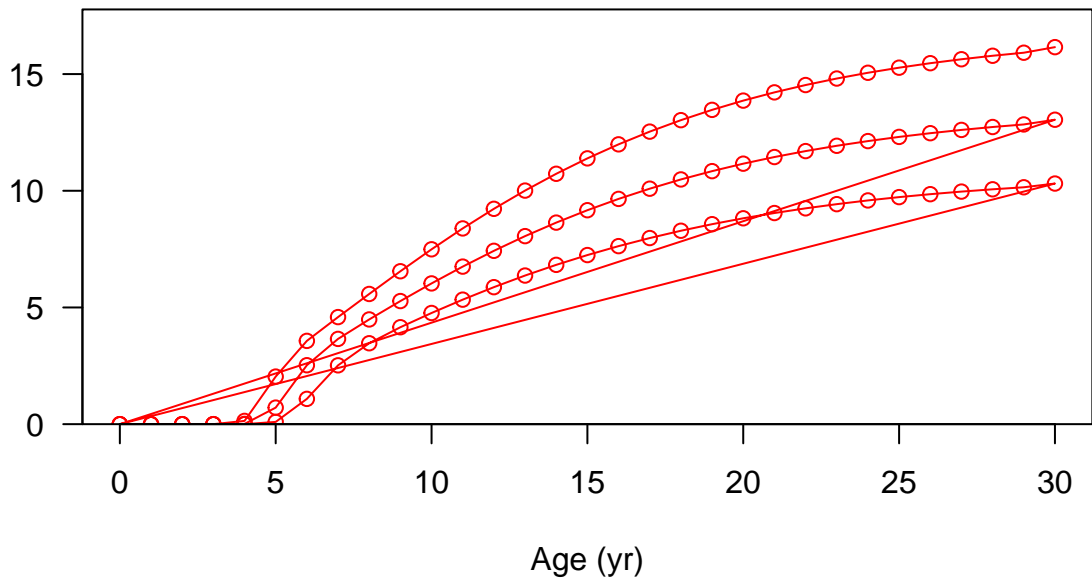
Female length (cm)



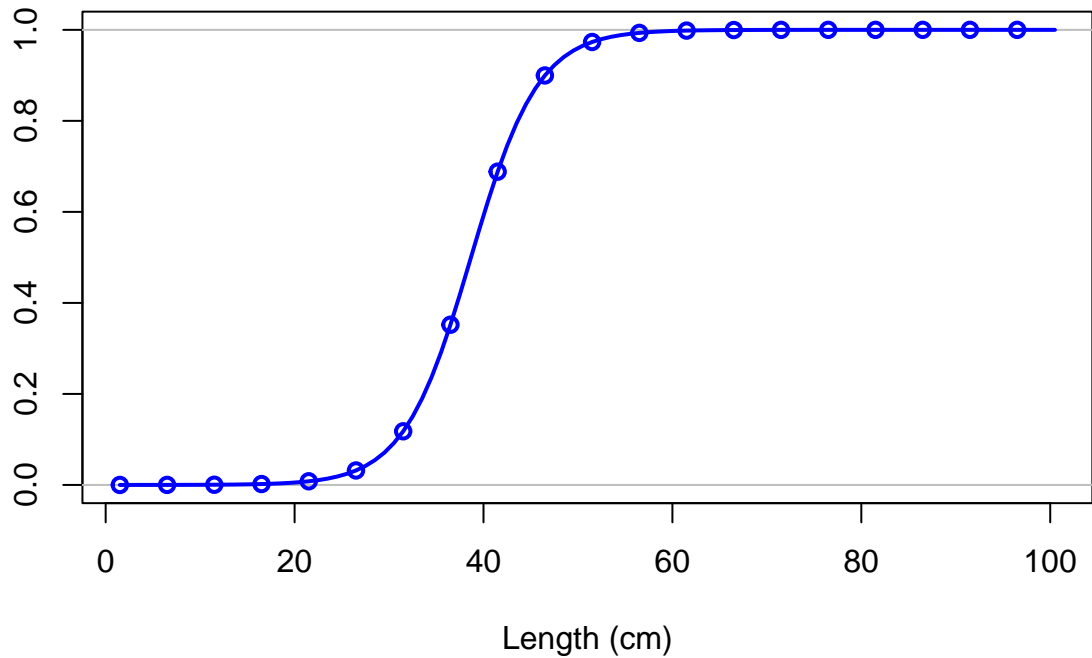
Spawning output



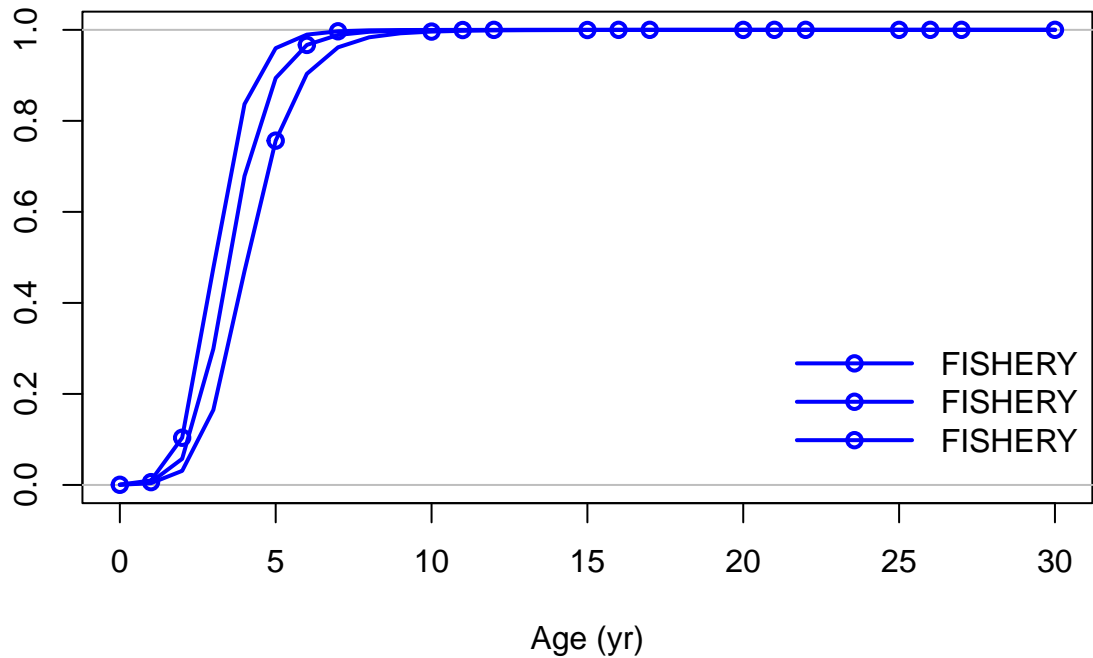
Spawning output



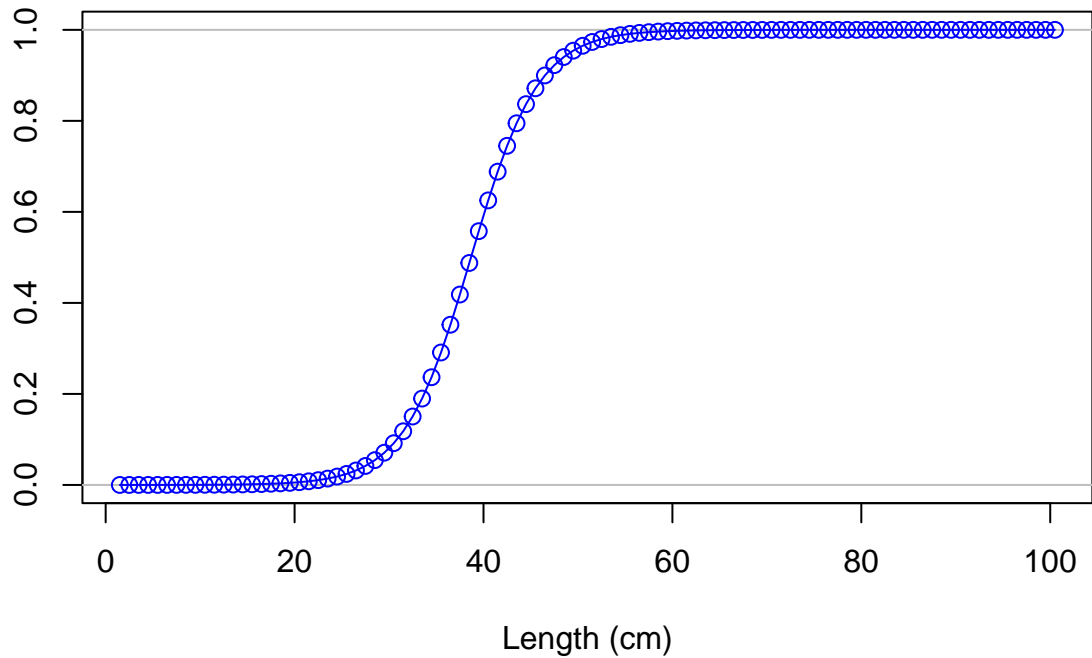
Selectivity

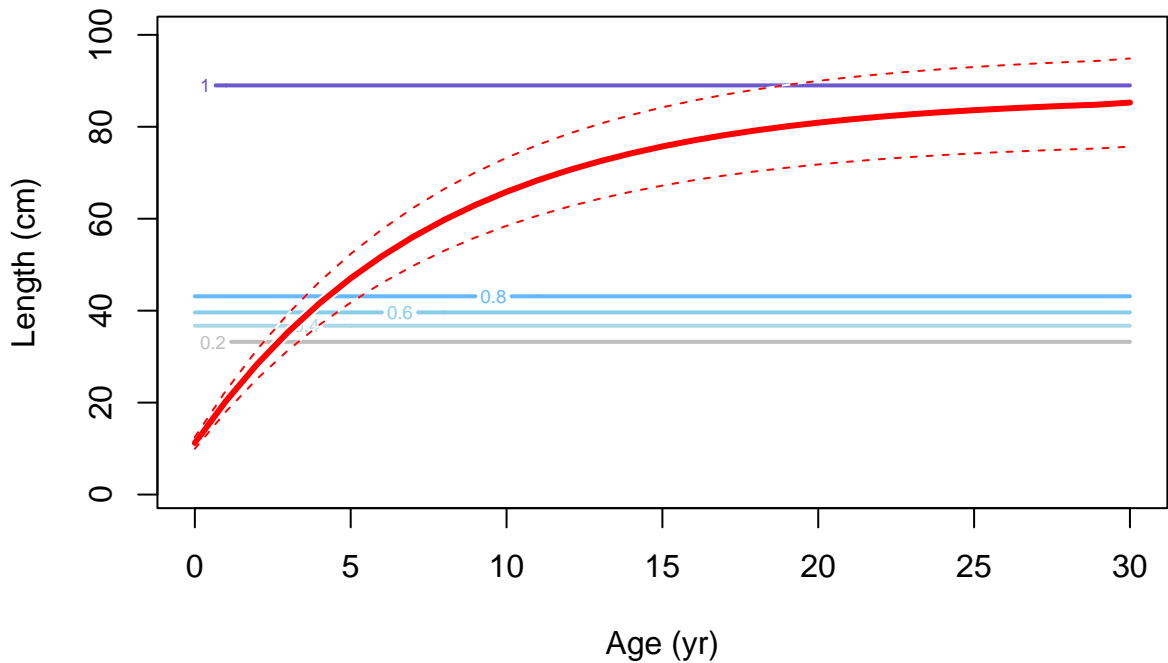


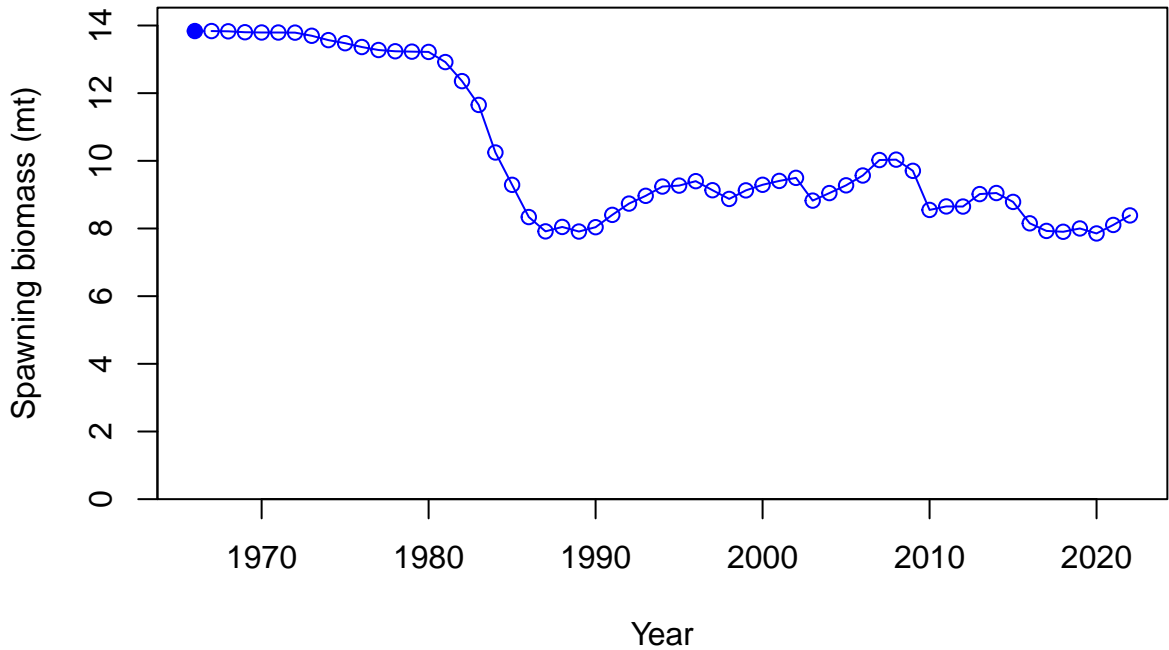
Selectivity

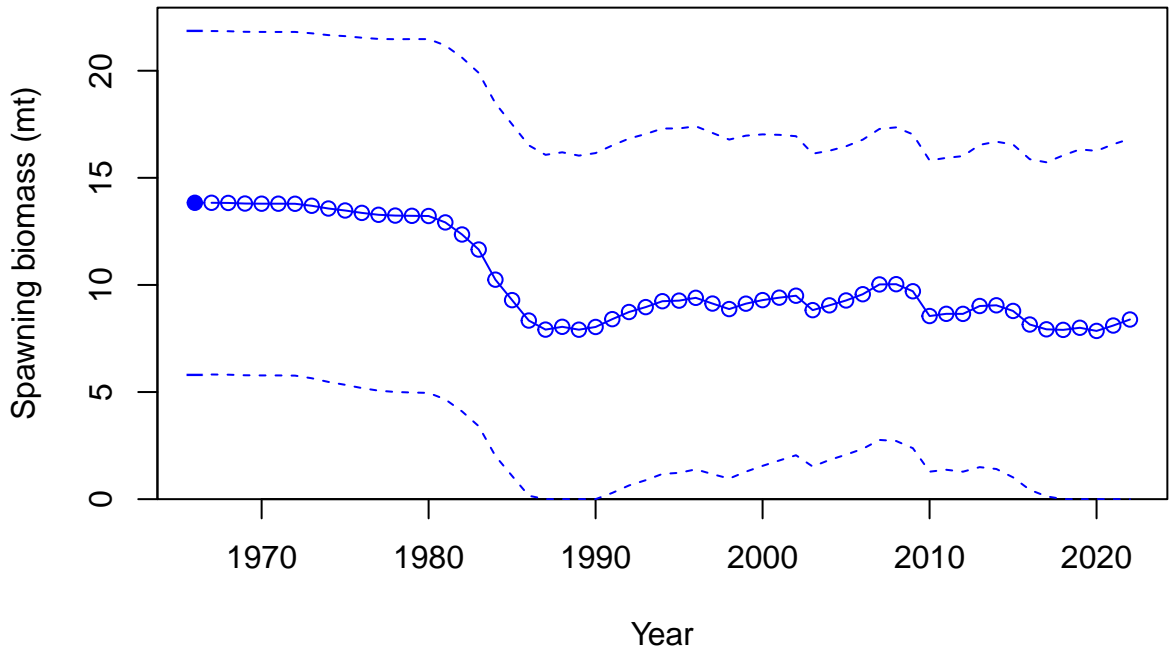


Selectivity

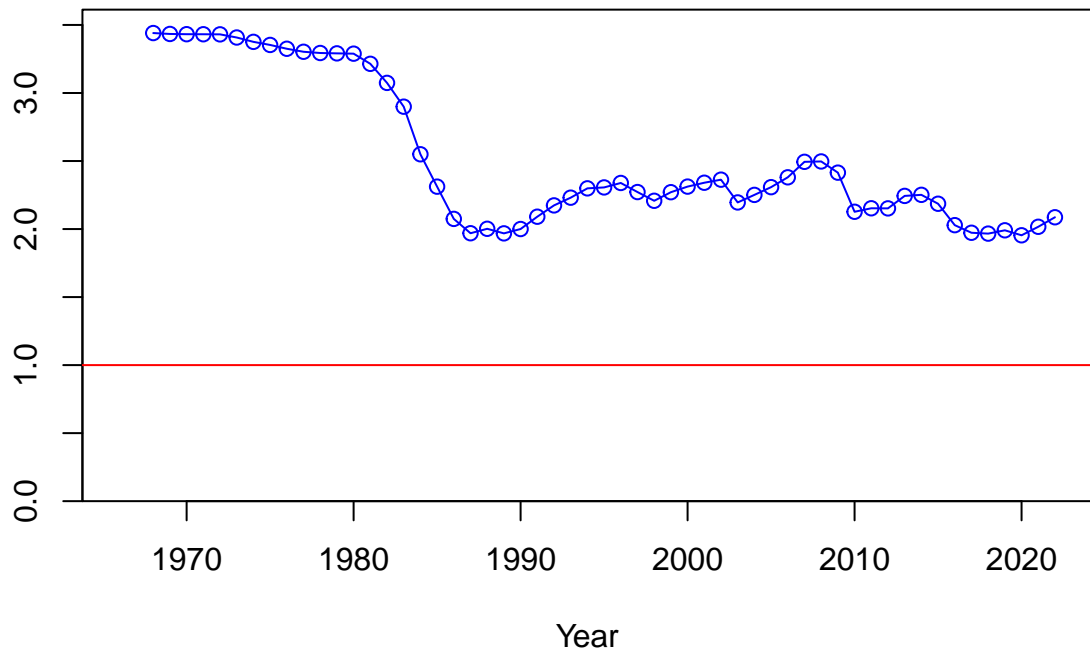




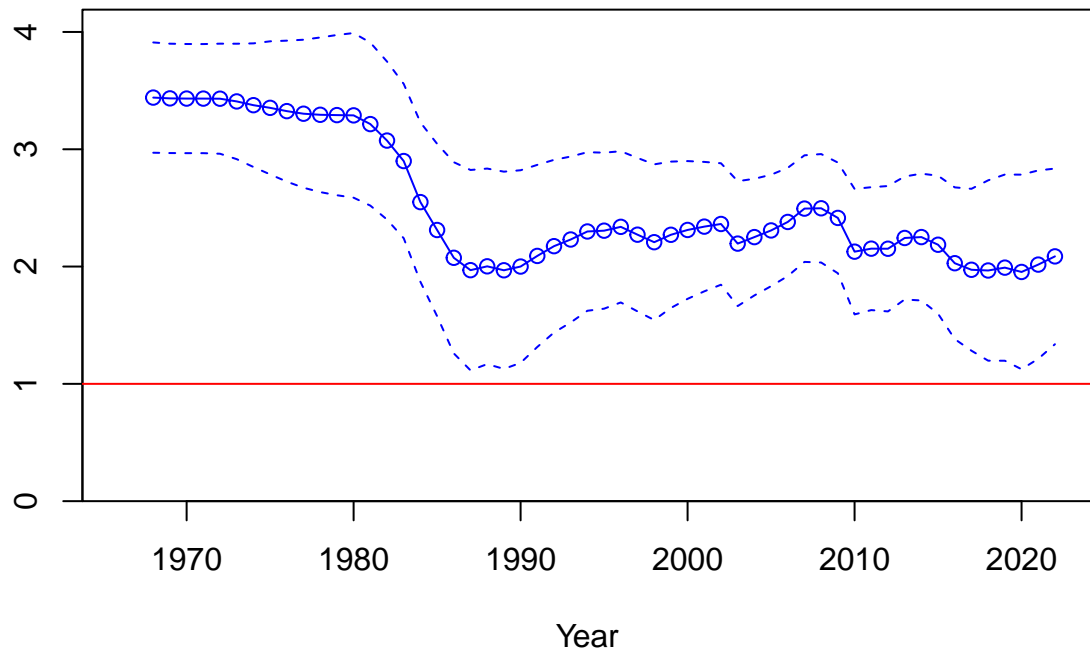


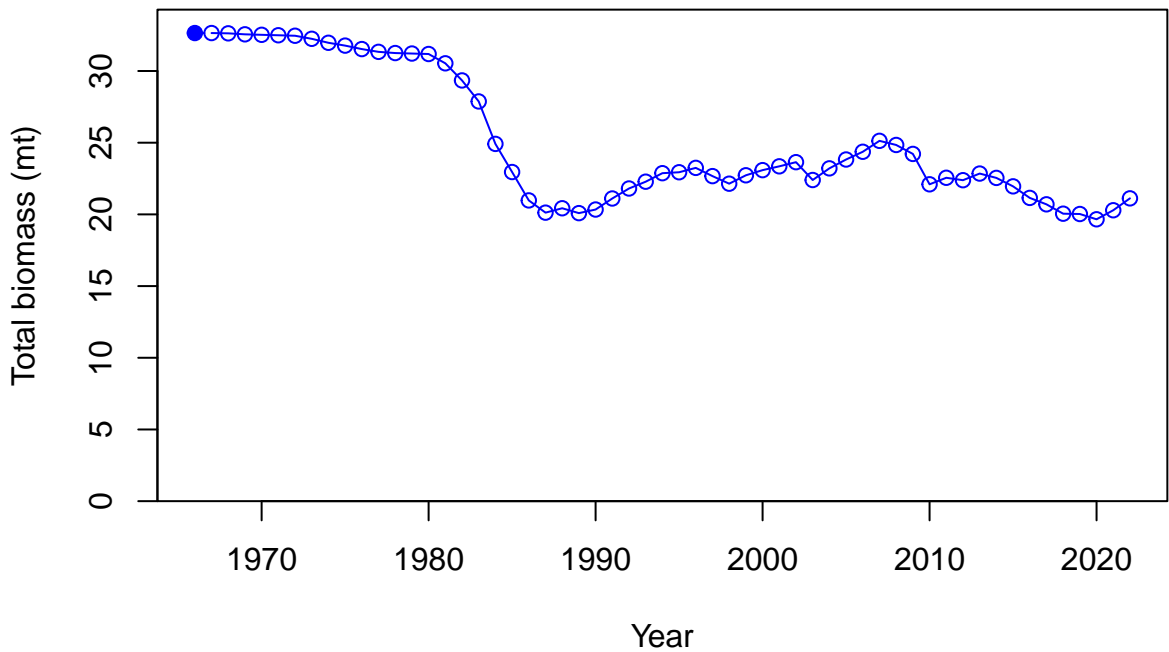


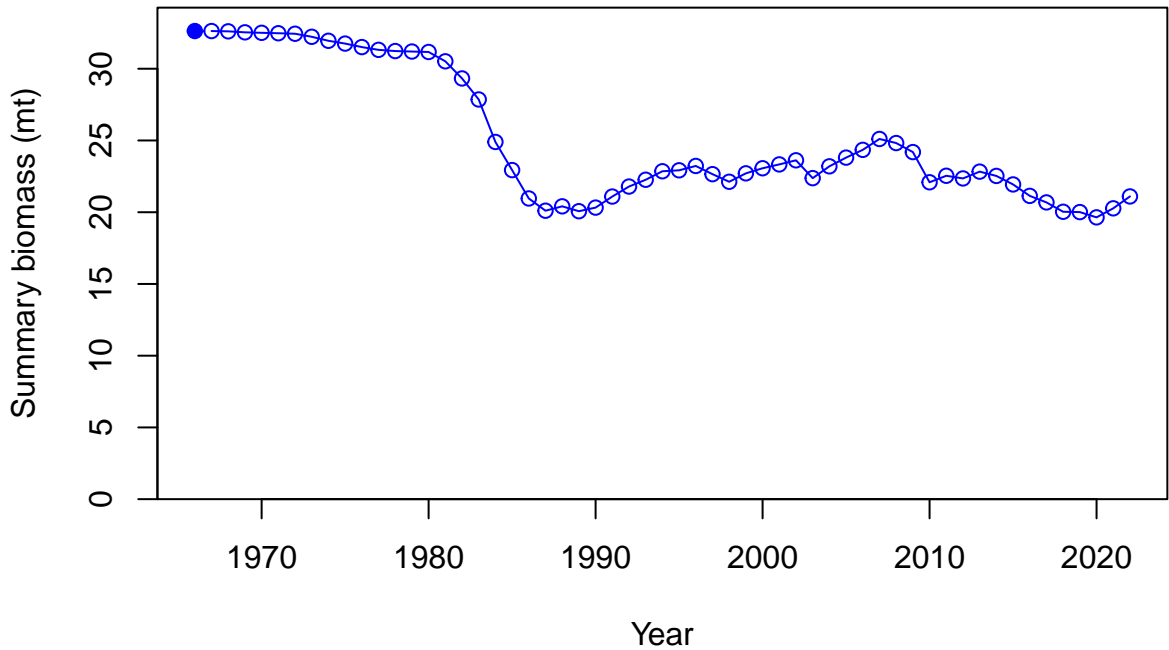
Relative spawning biomass: B/B_{MSY}



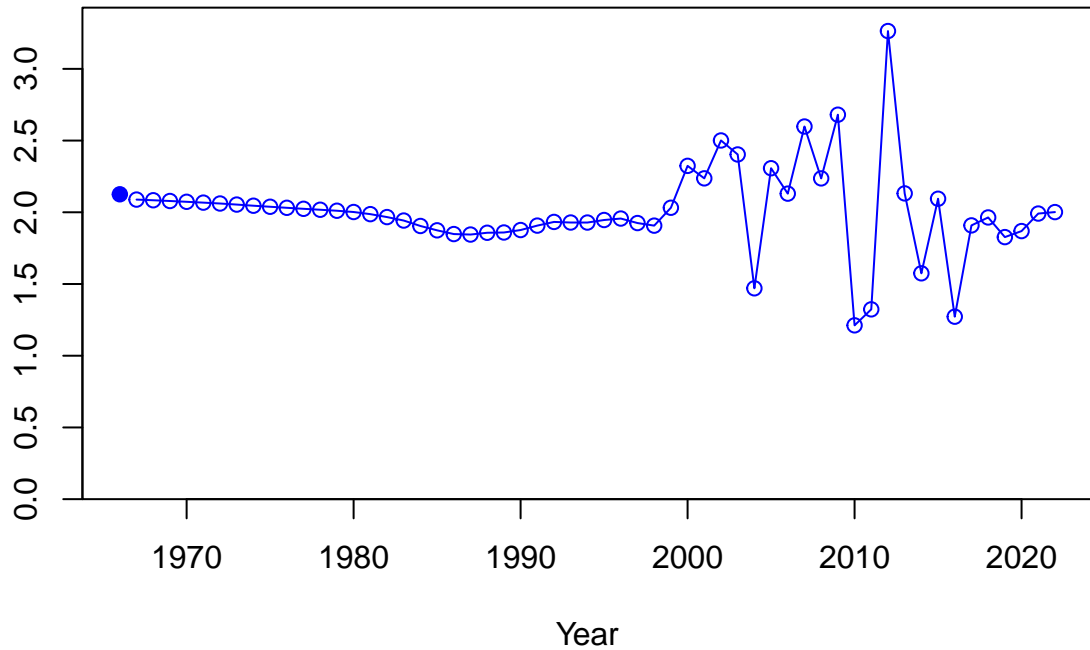
Relative spawning biomass: B/B_{MSY}



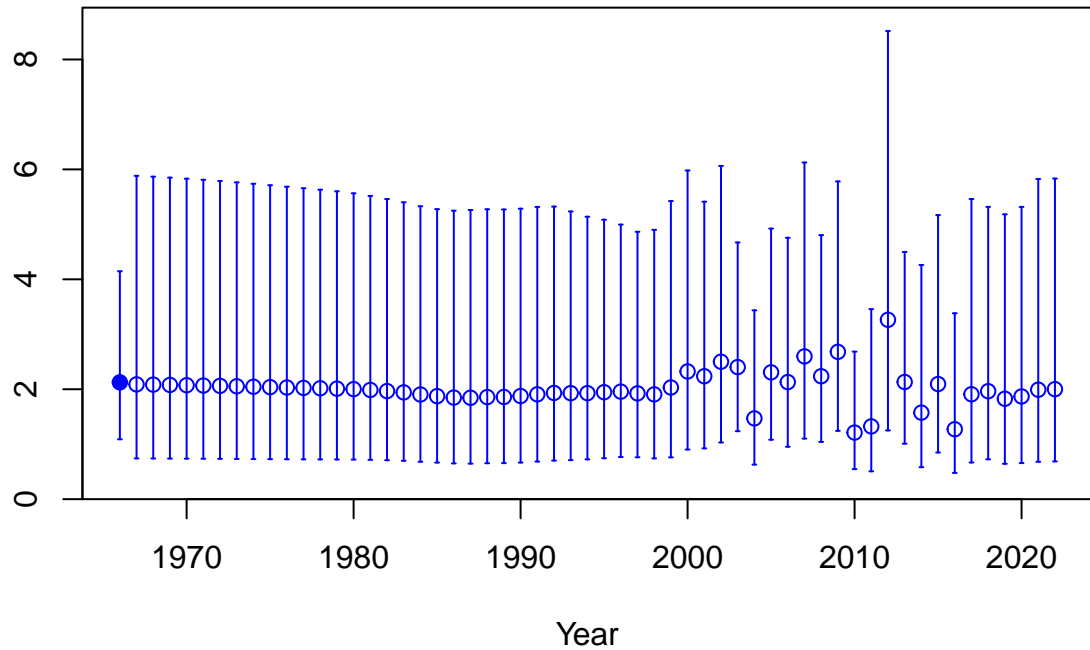




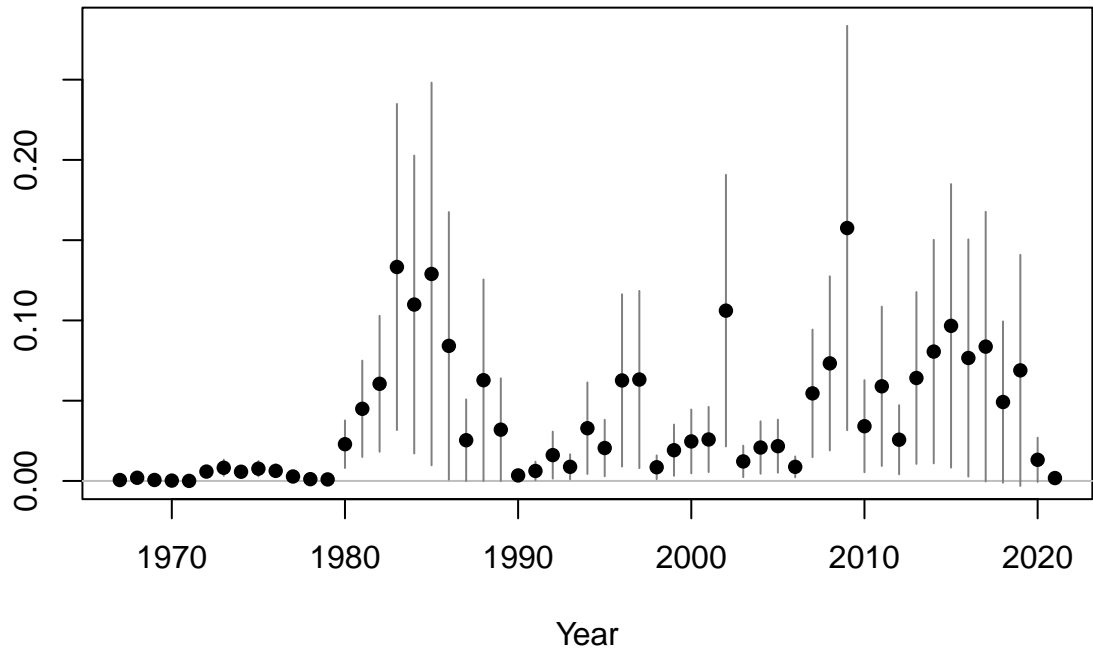
Age-0 recruits (1,000s)

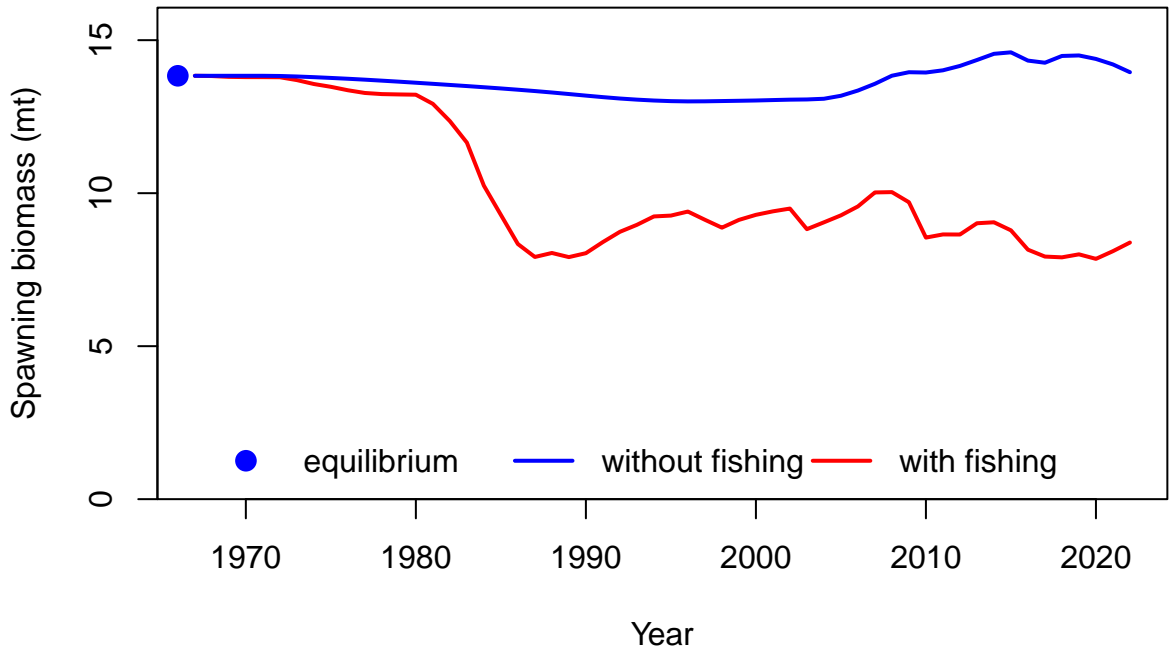


Age-0 recruits (1,000s)

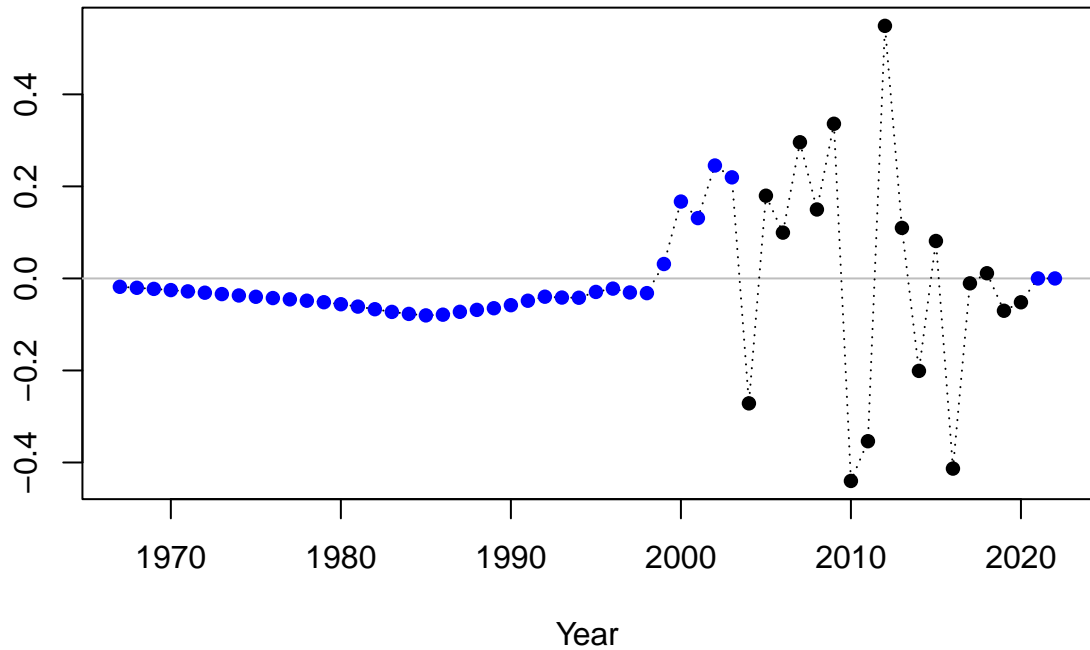


Summary Fishing Mortality

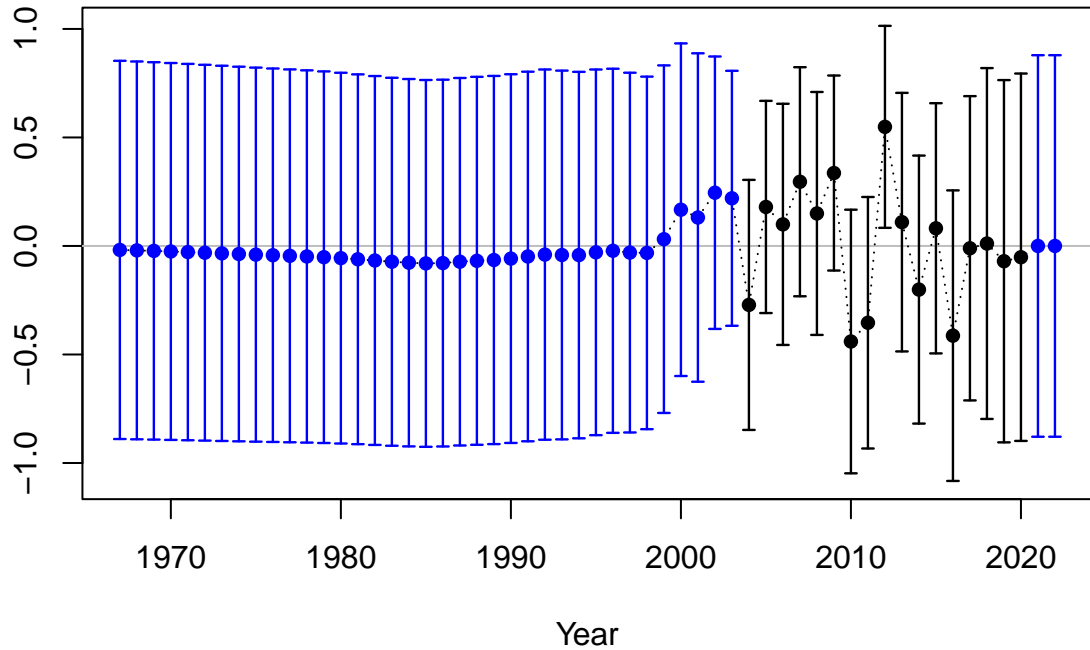




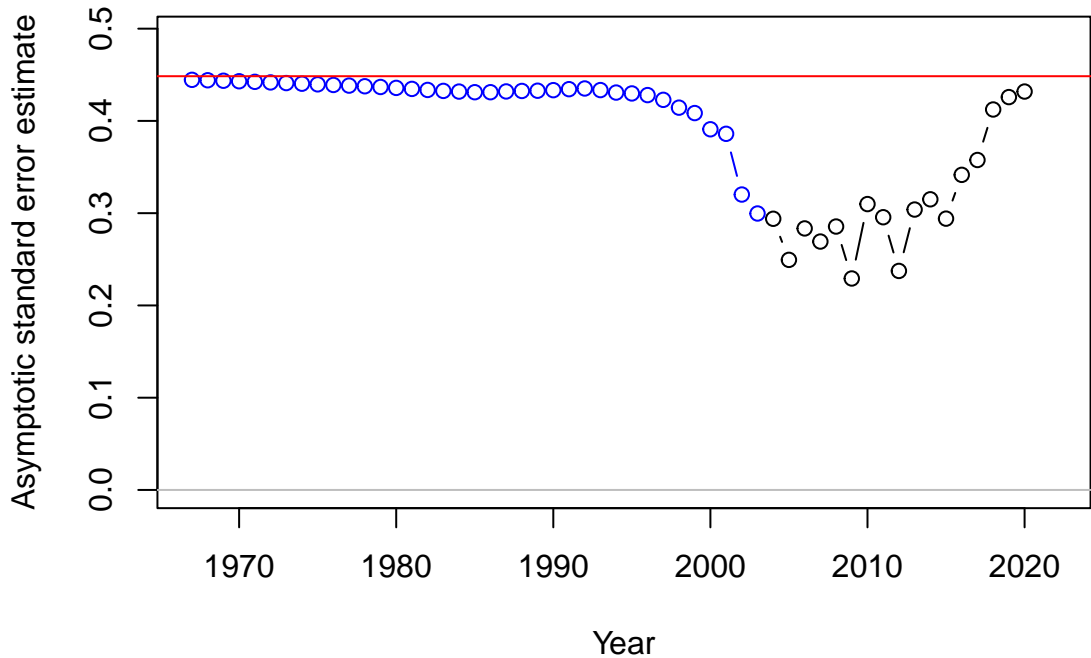
Log recruitment deviation

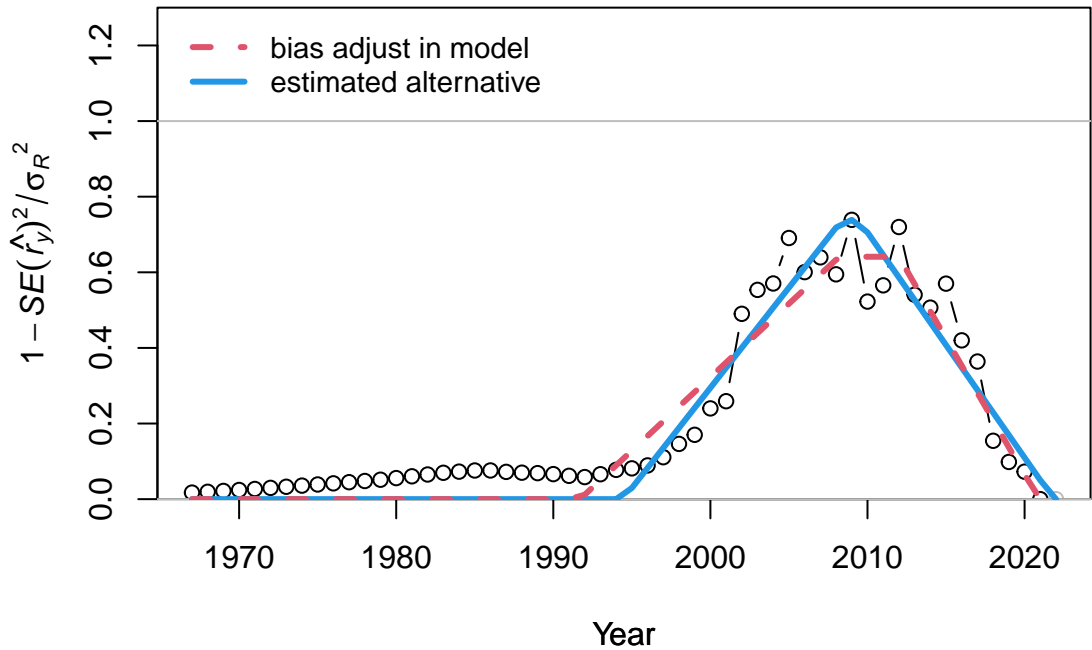


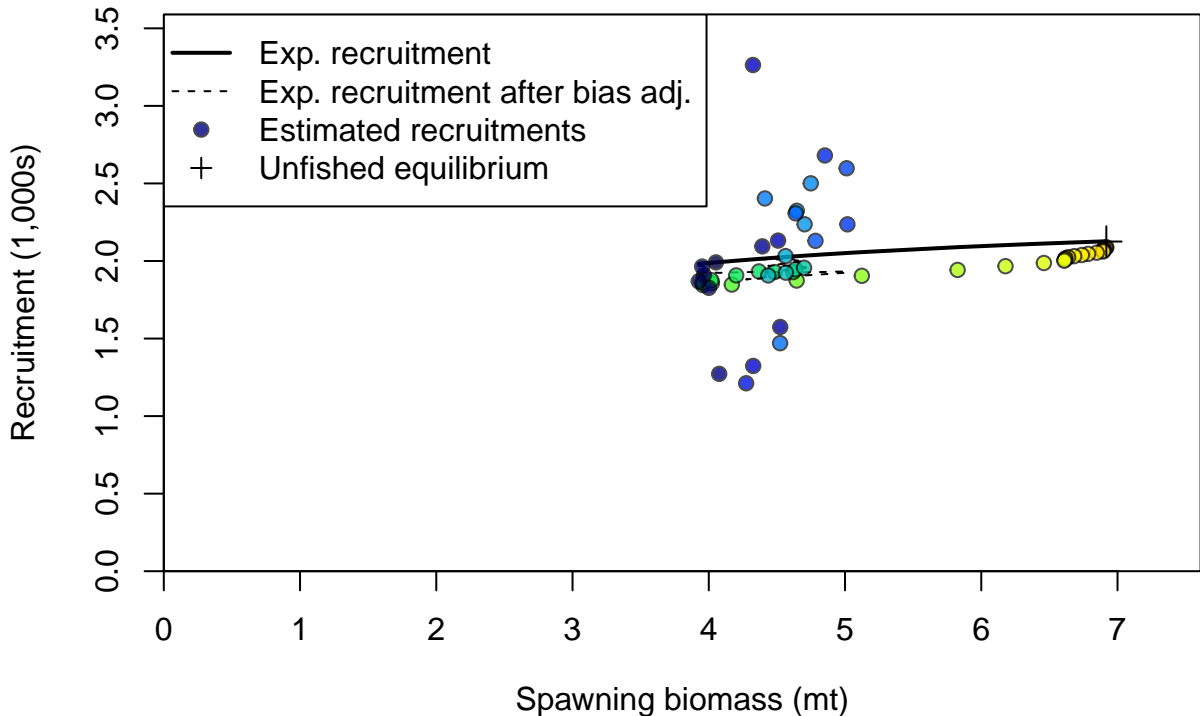
Log recruitment deviation



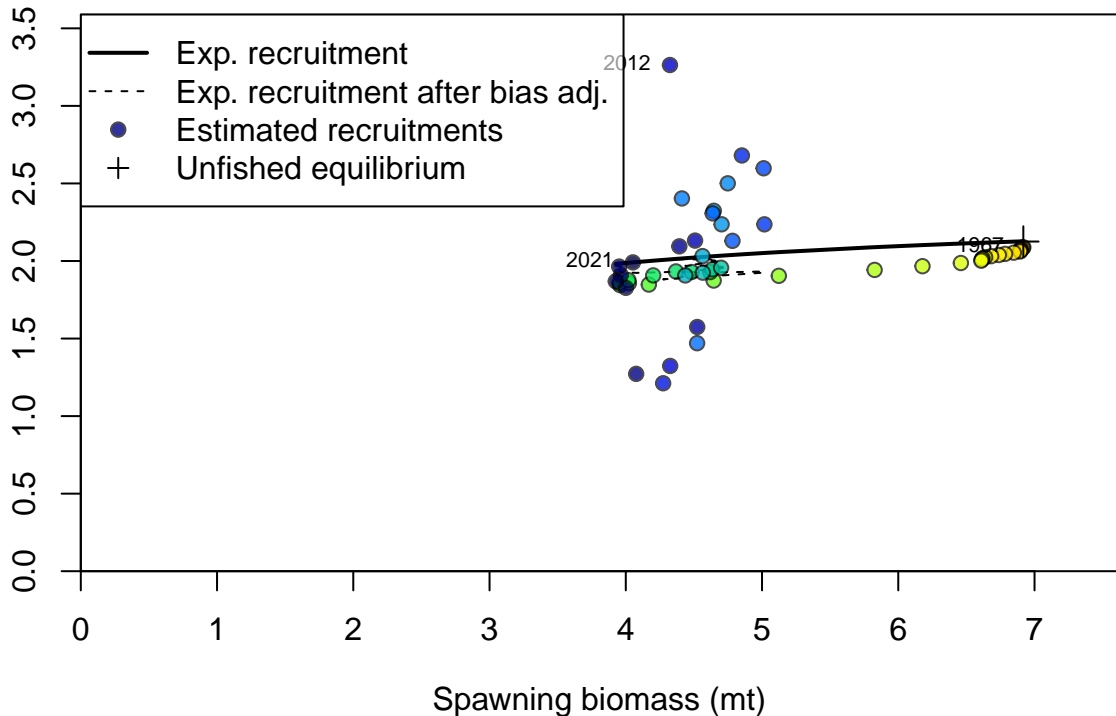
Recruitment deviation variance

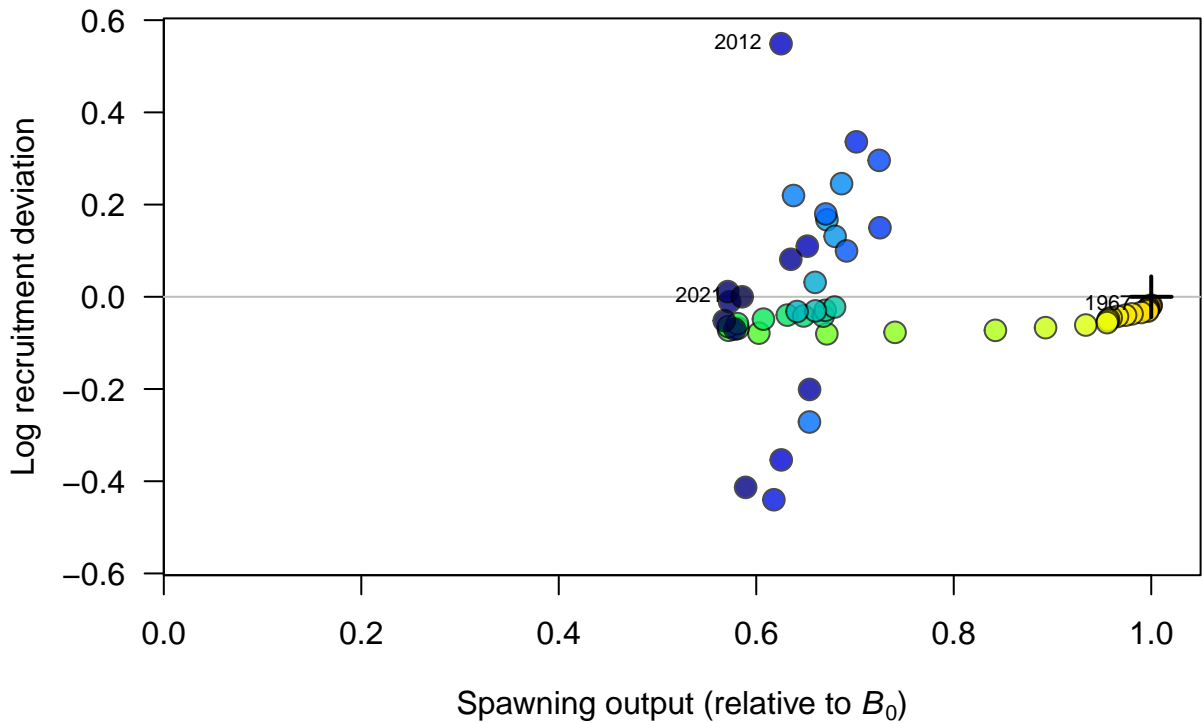


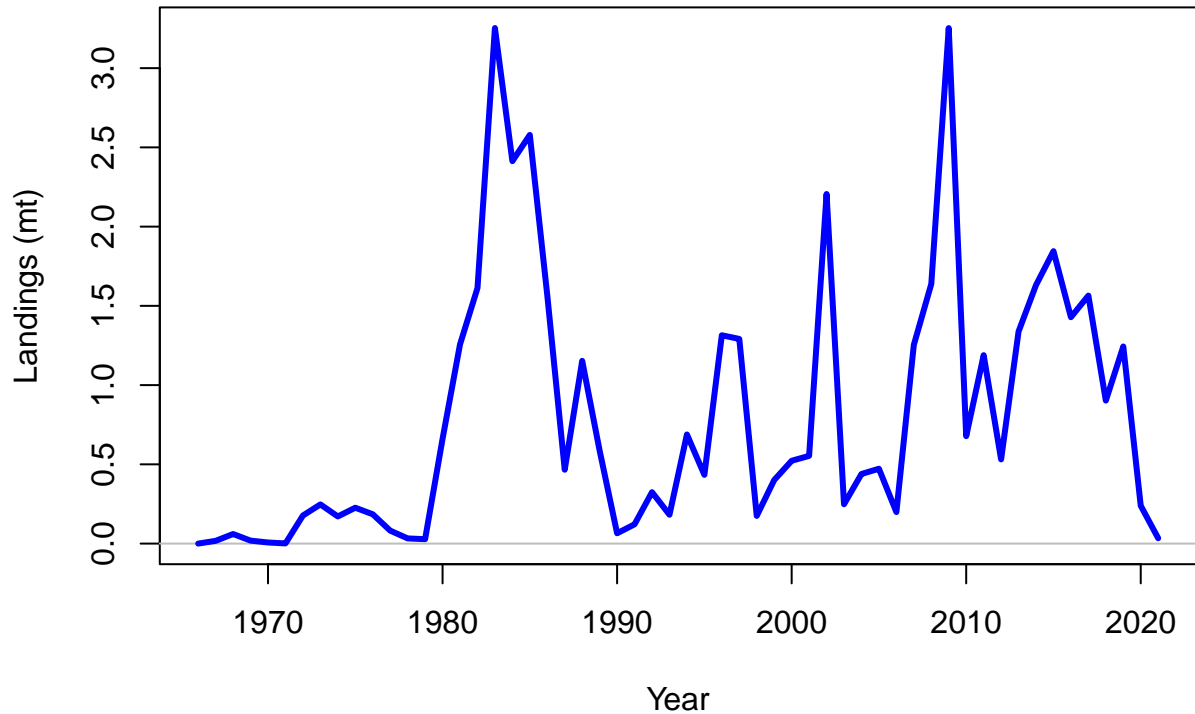


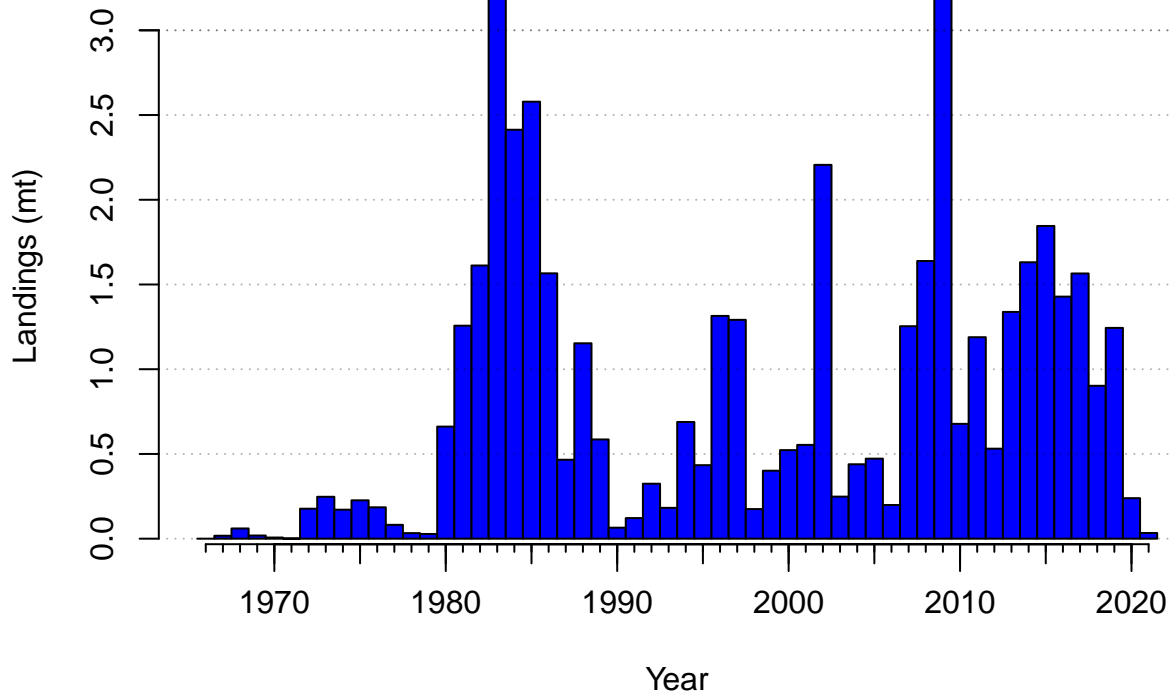


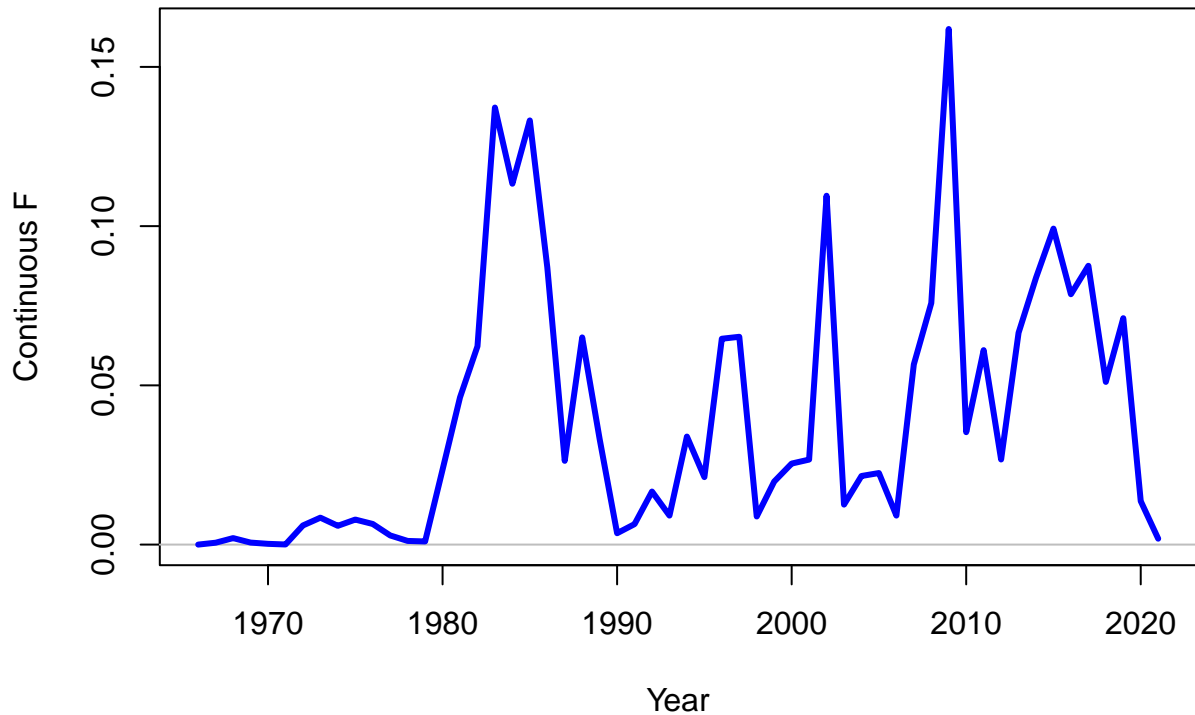
Recruitment (1,000s)



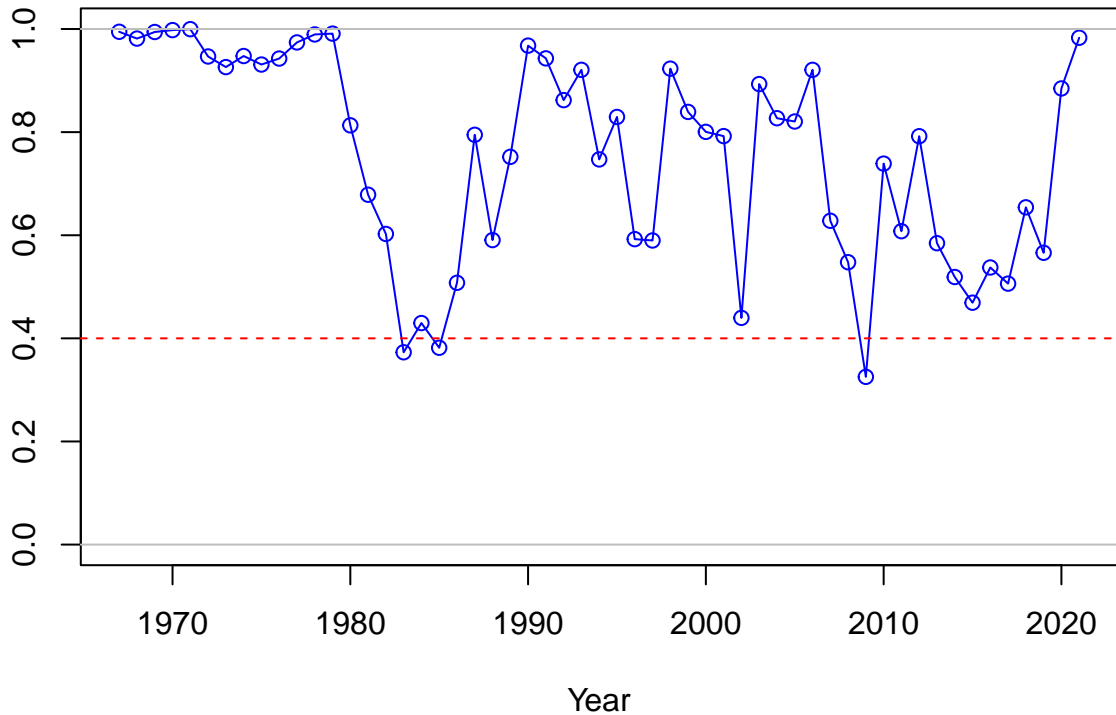


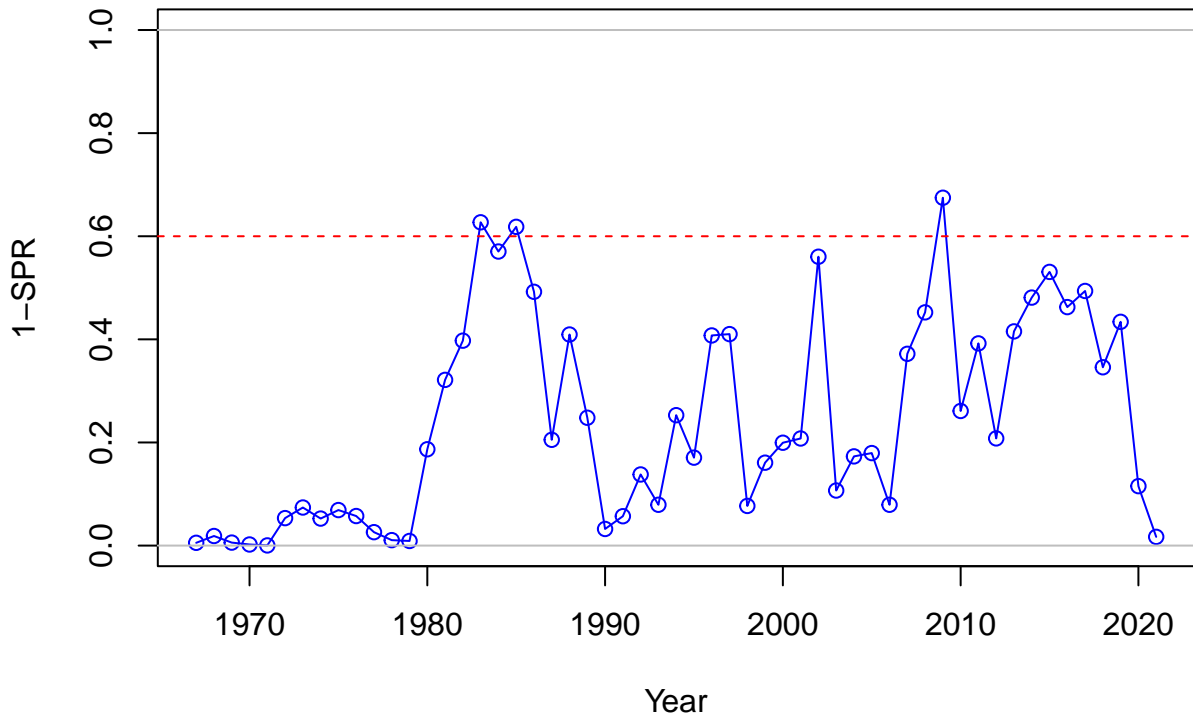




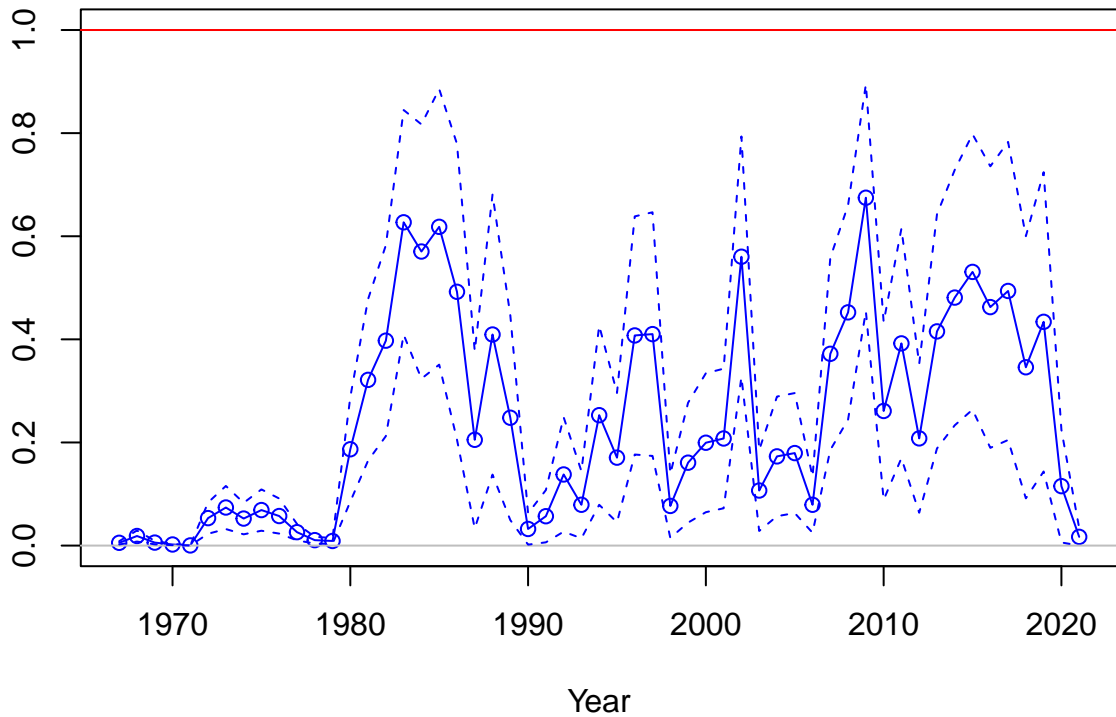


SPR

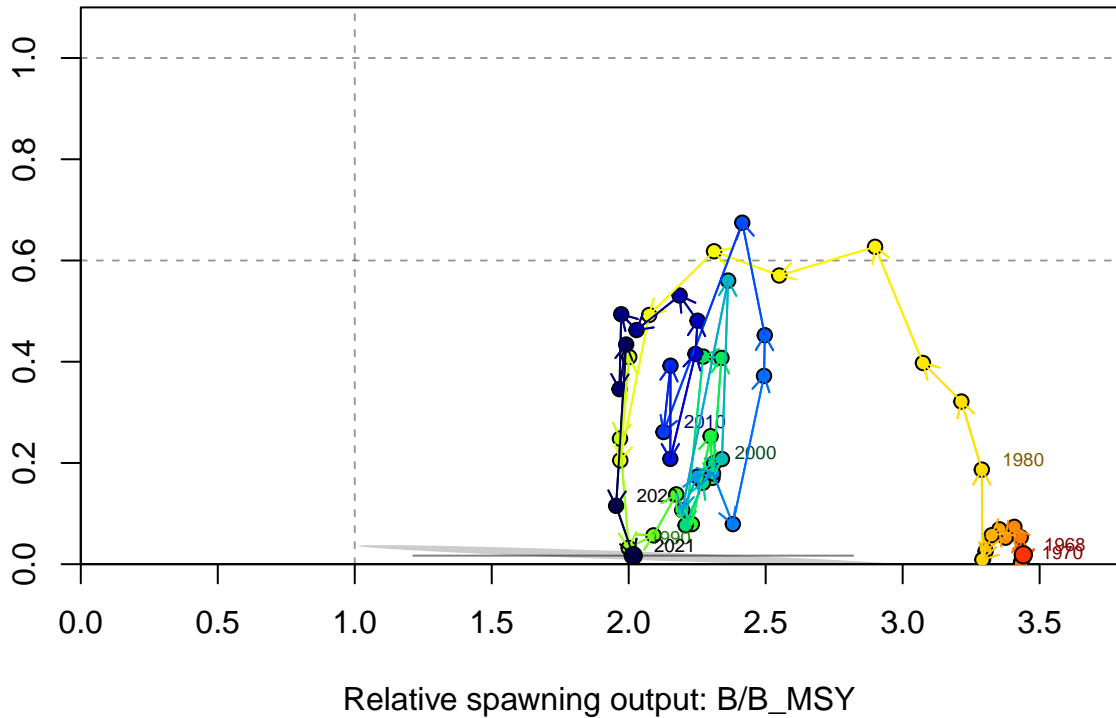




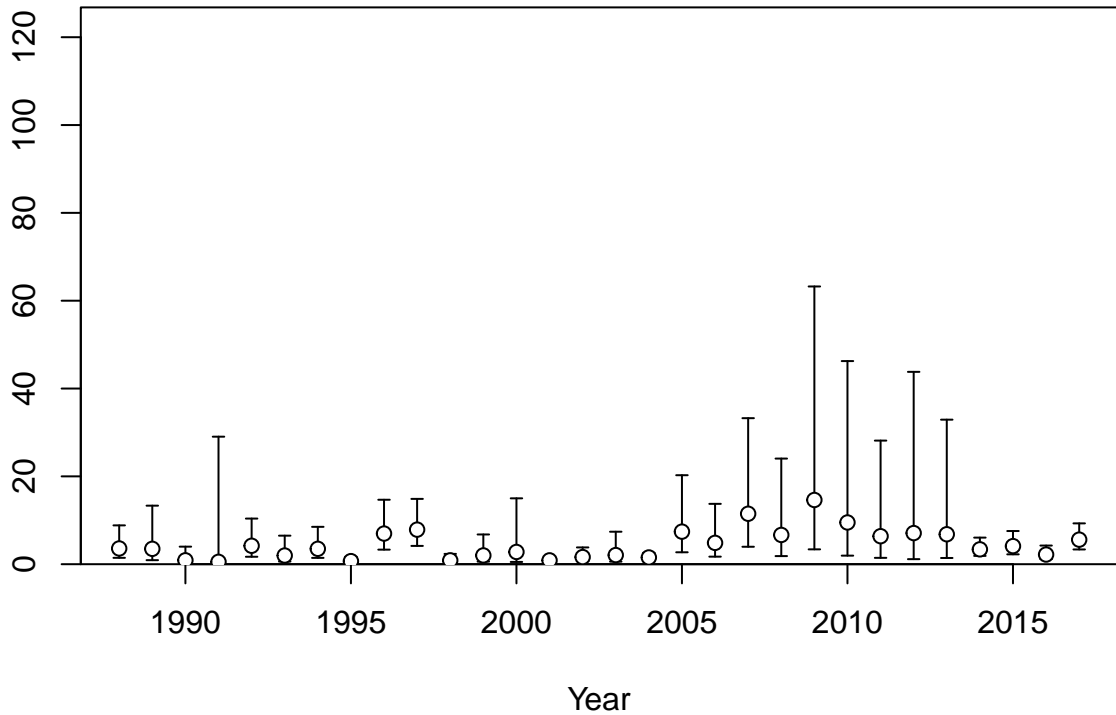
Fishing intensity: 1-SPR



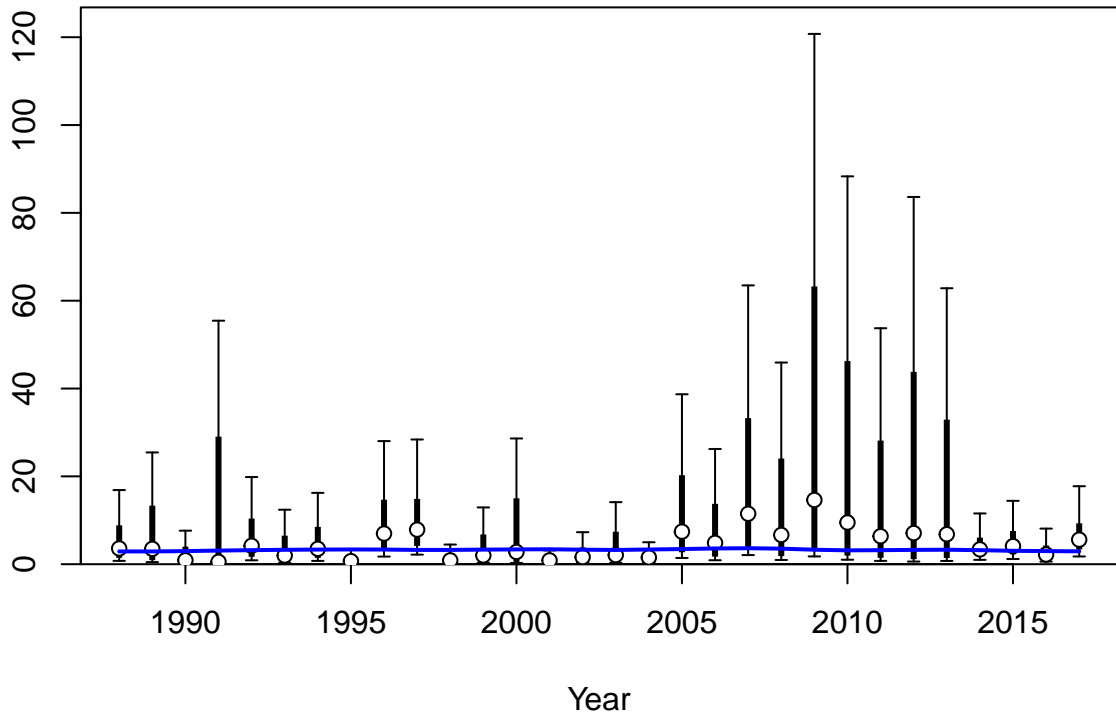
Fishing intensity: 1-SPR

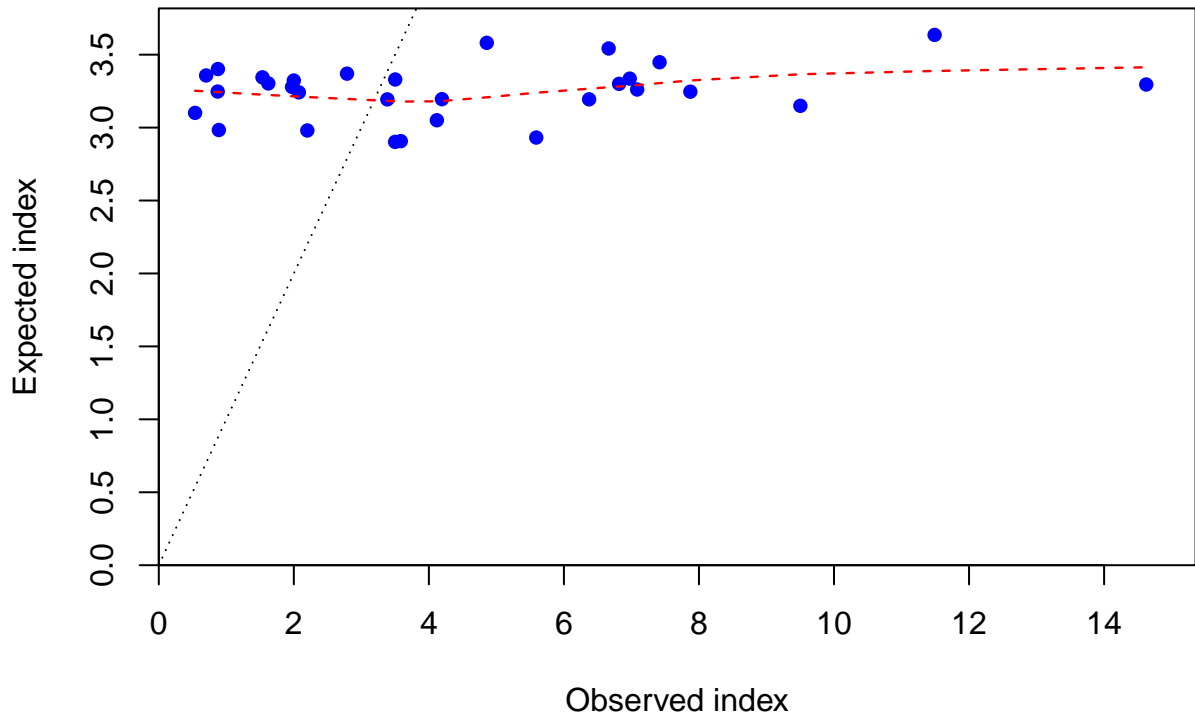


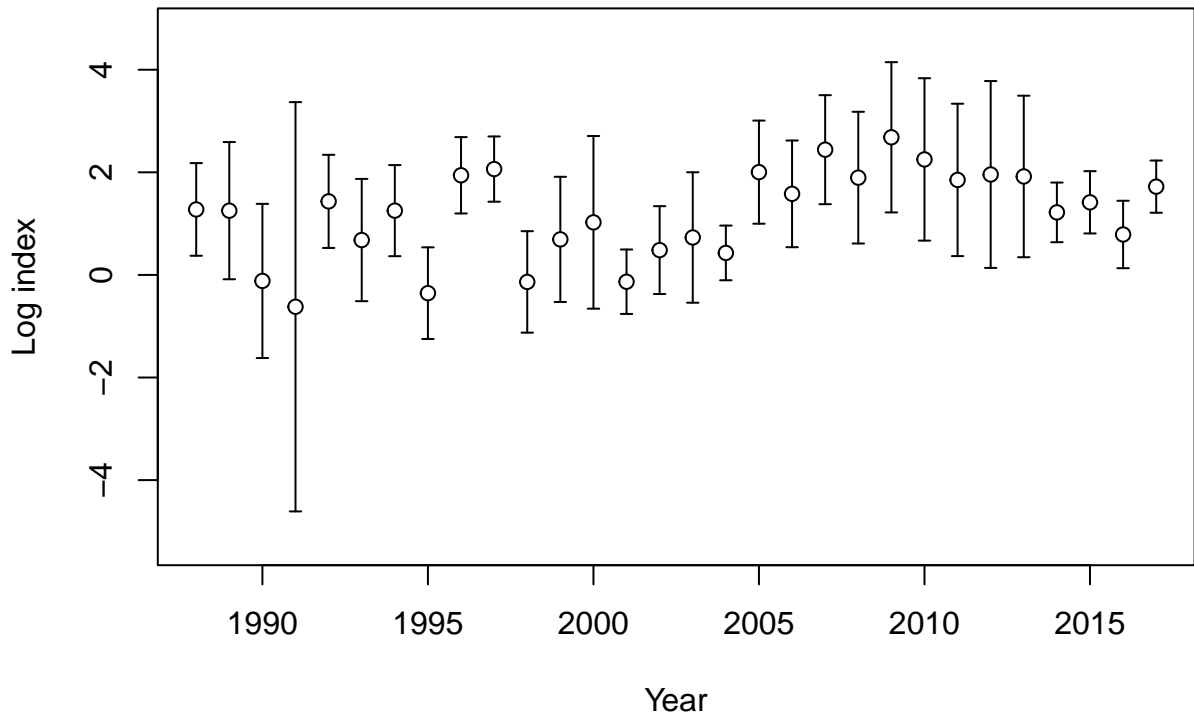
Index

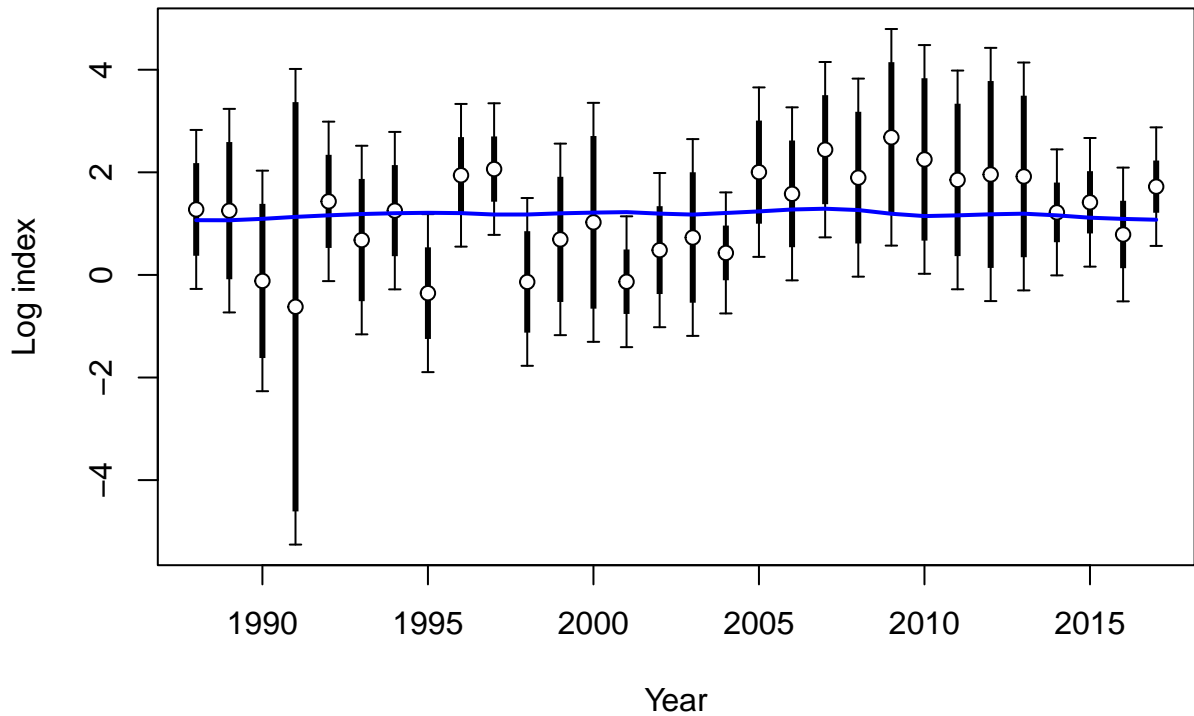


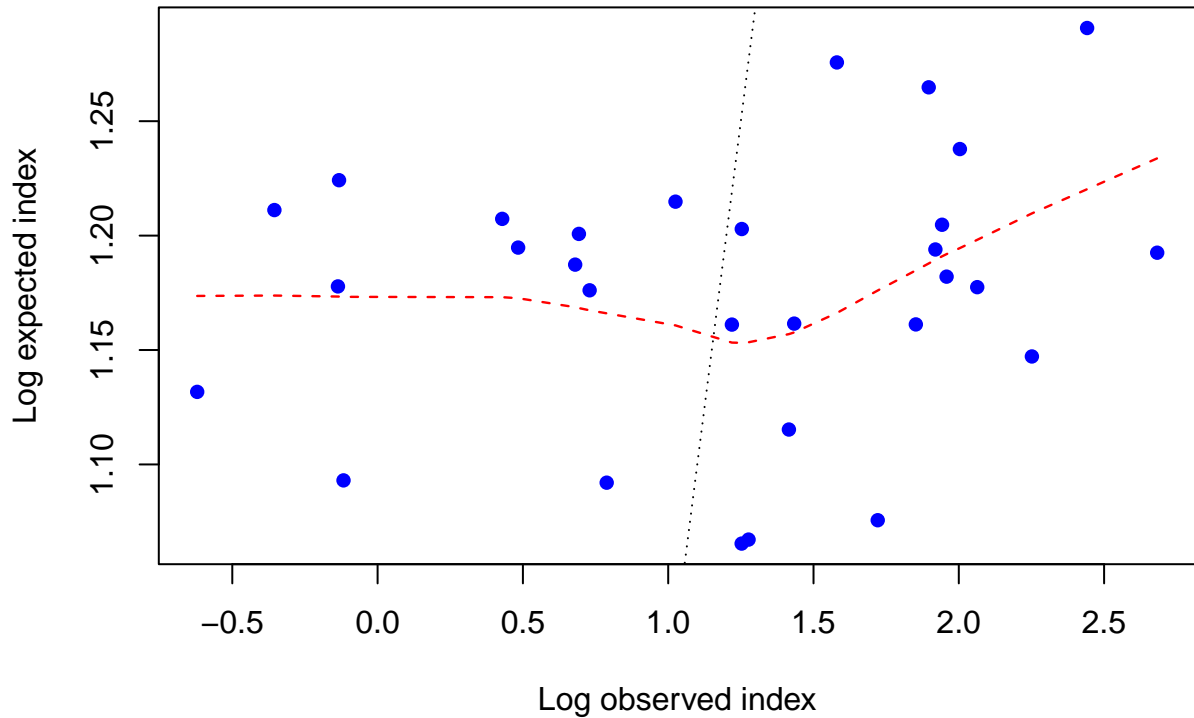
Index

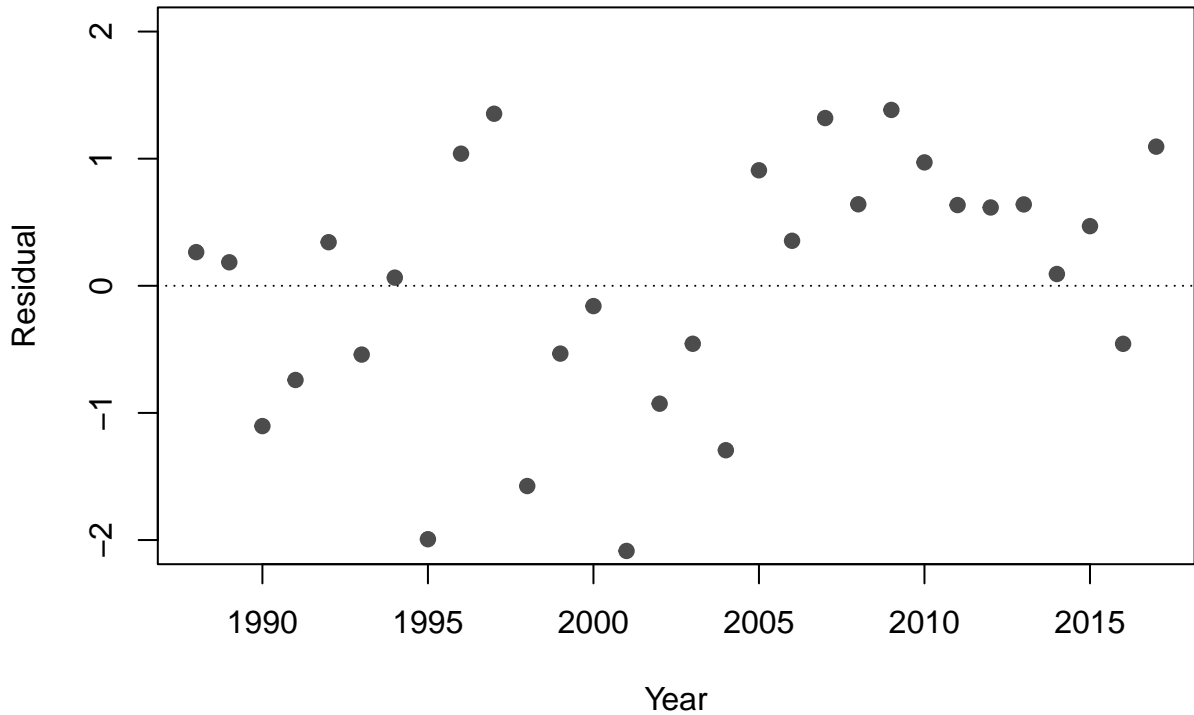


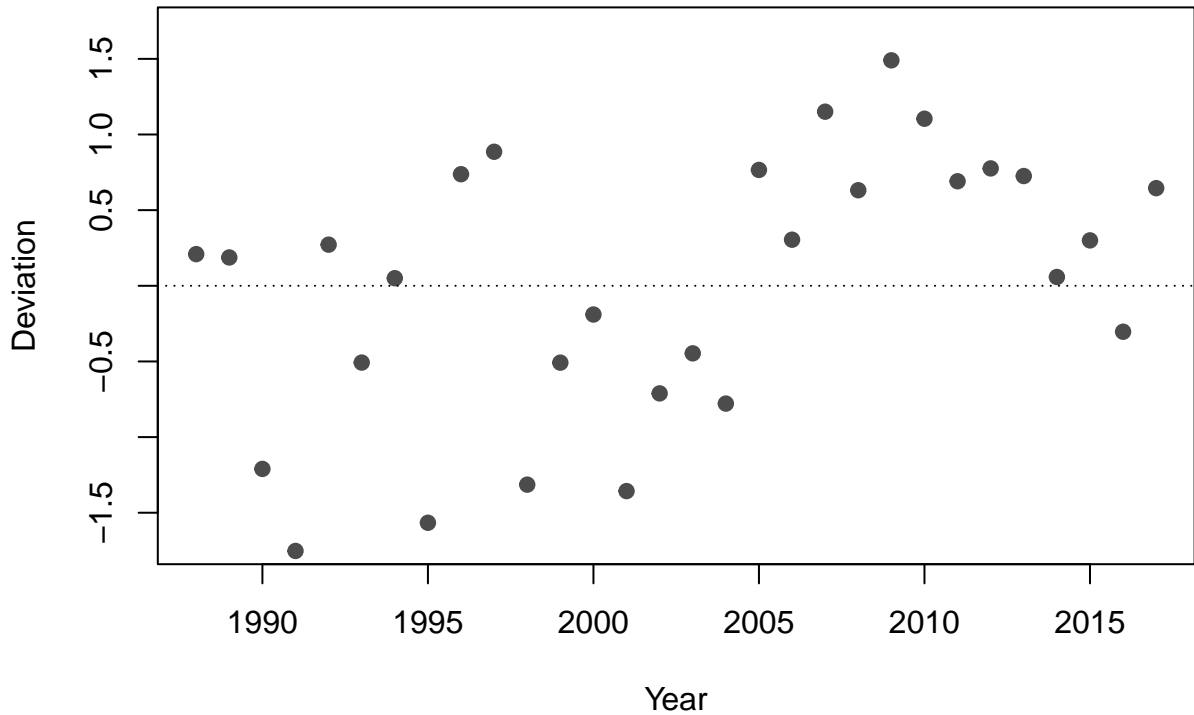


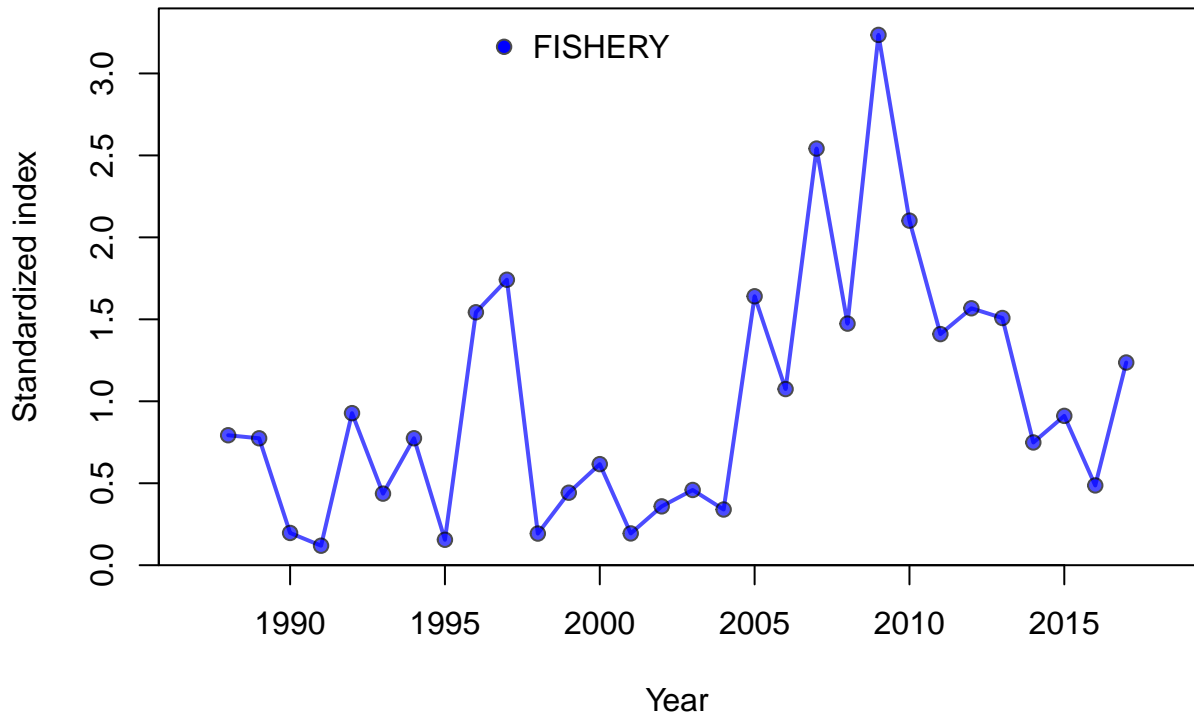


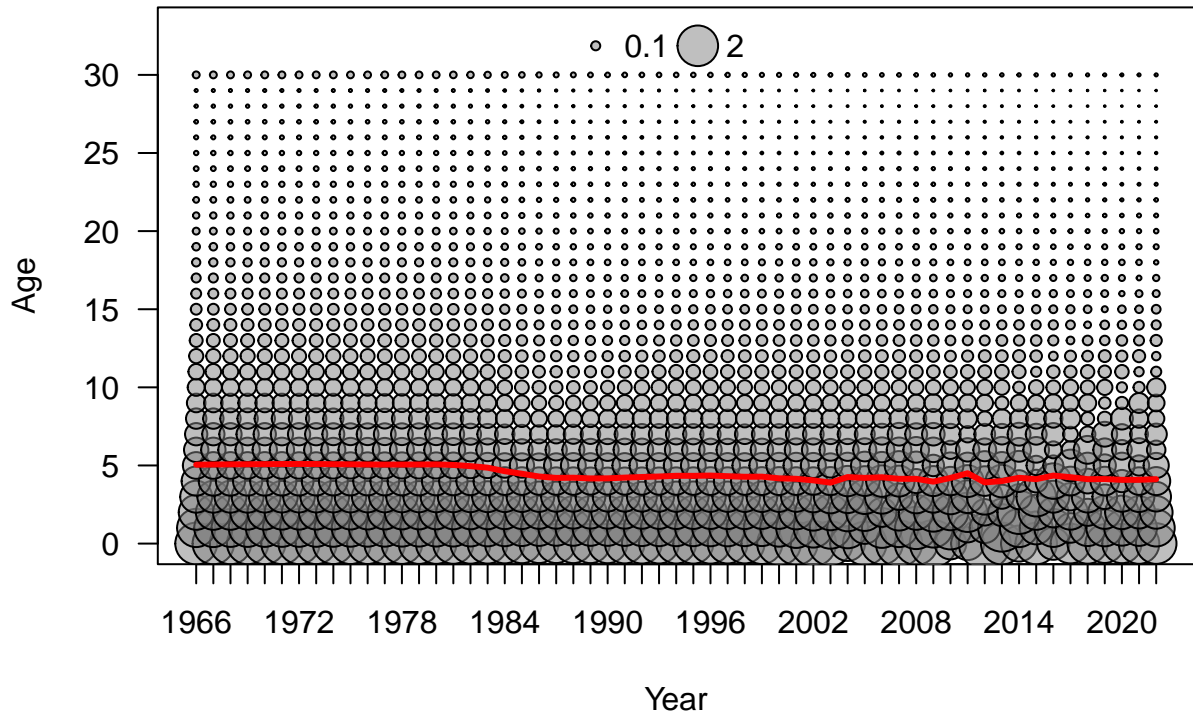


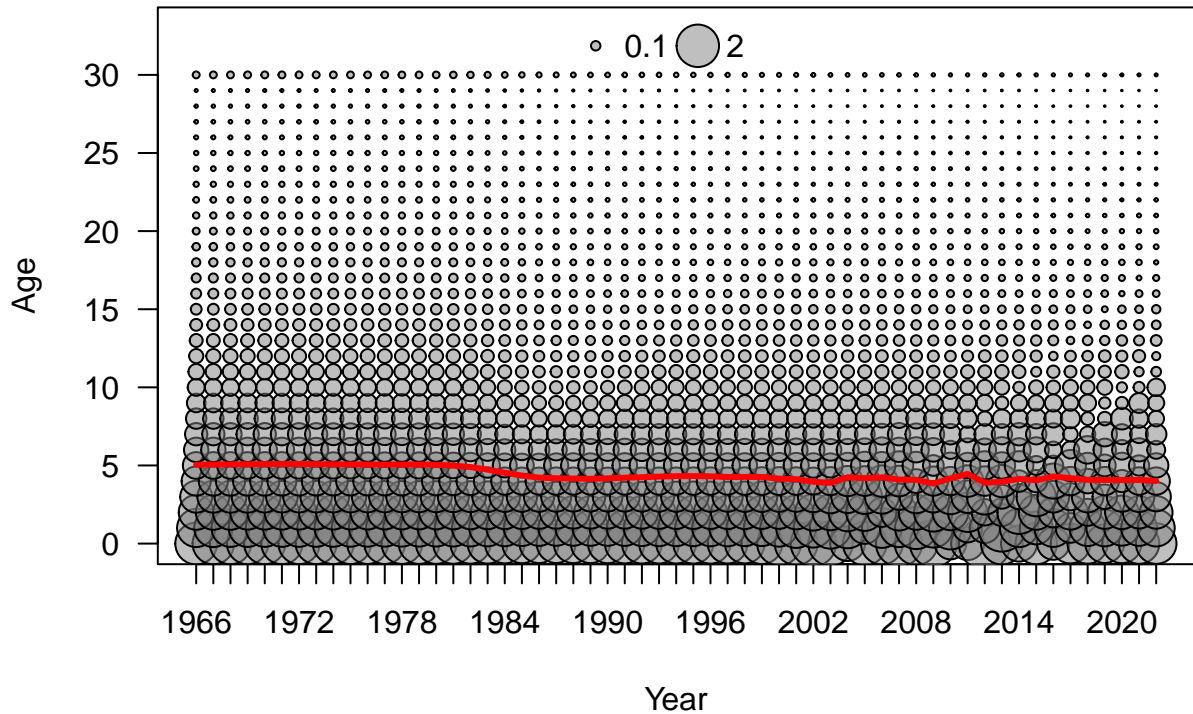


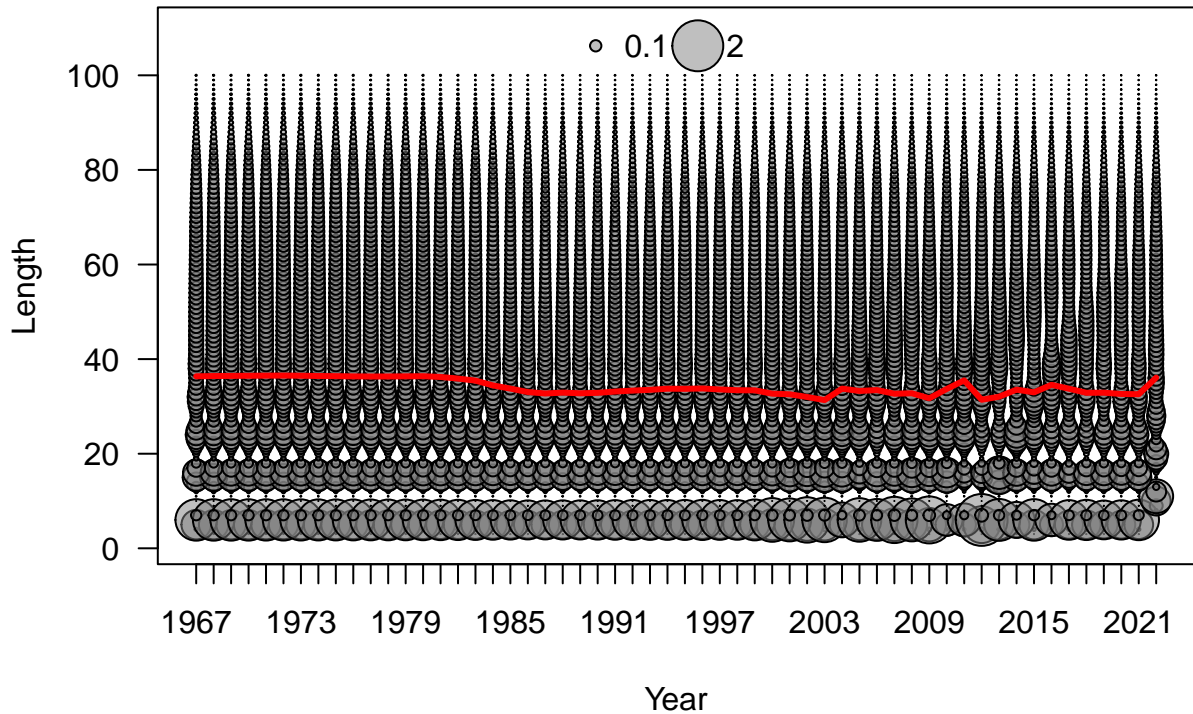


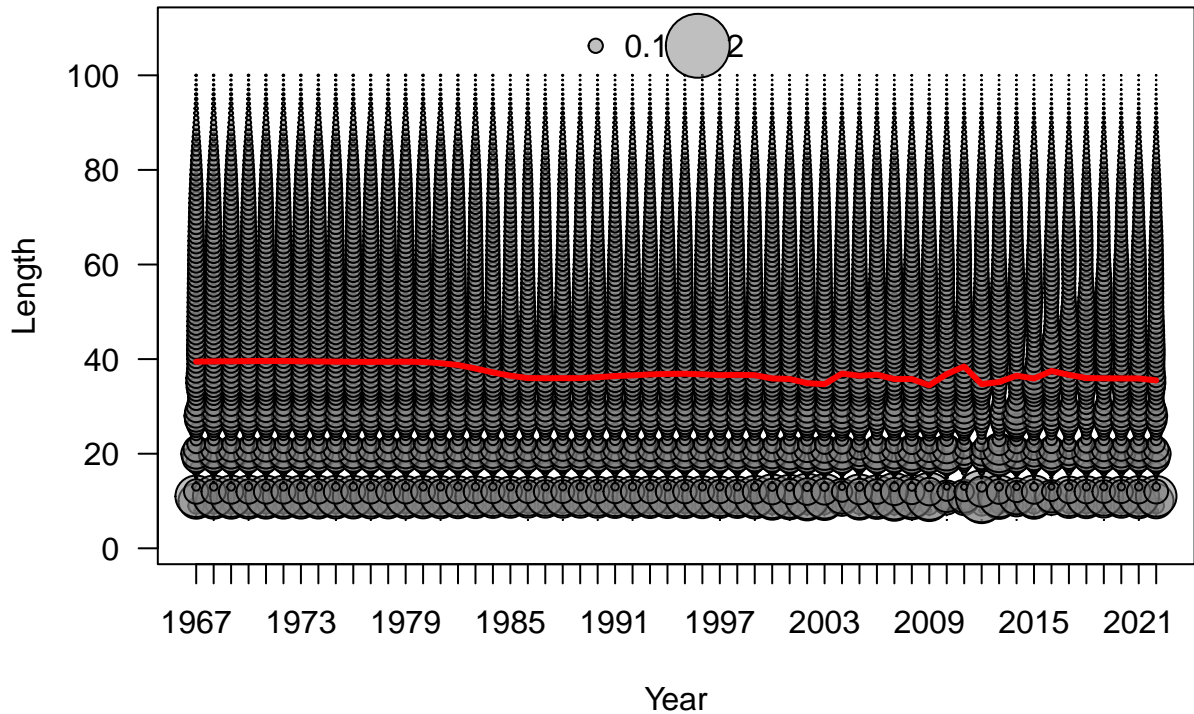


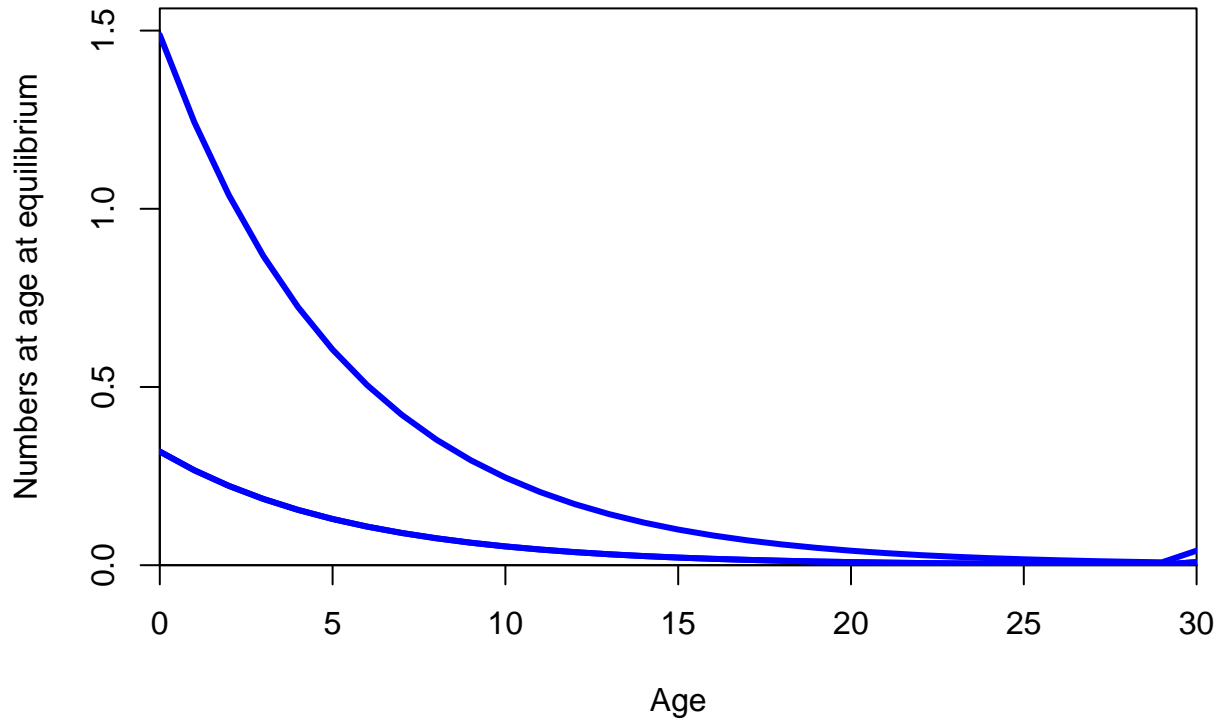






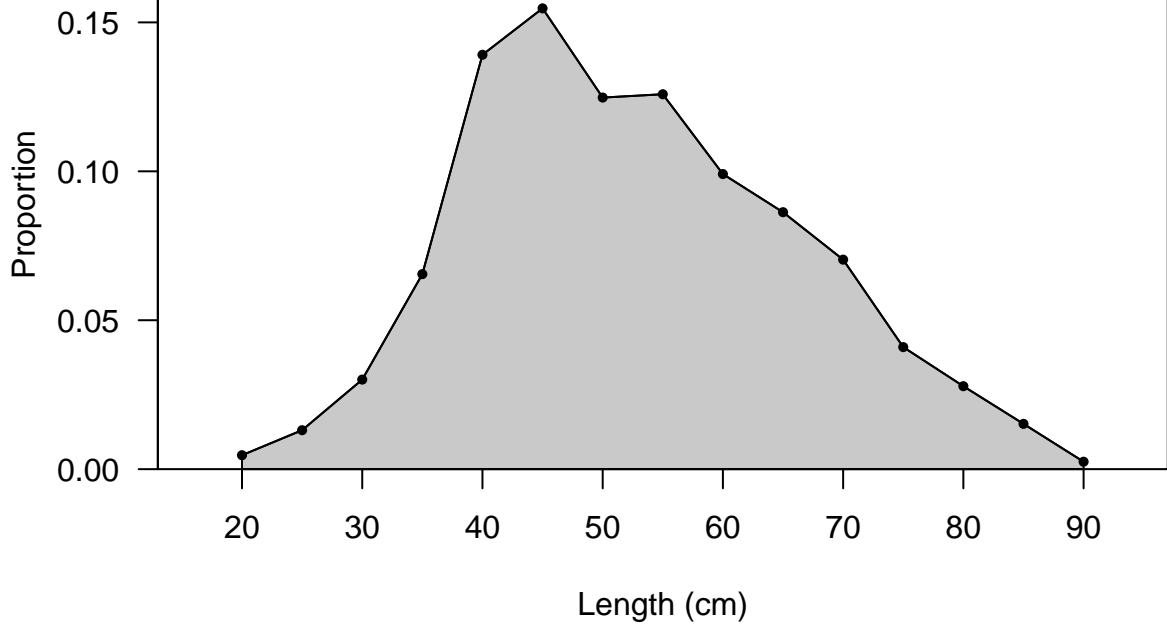






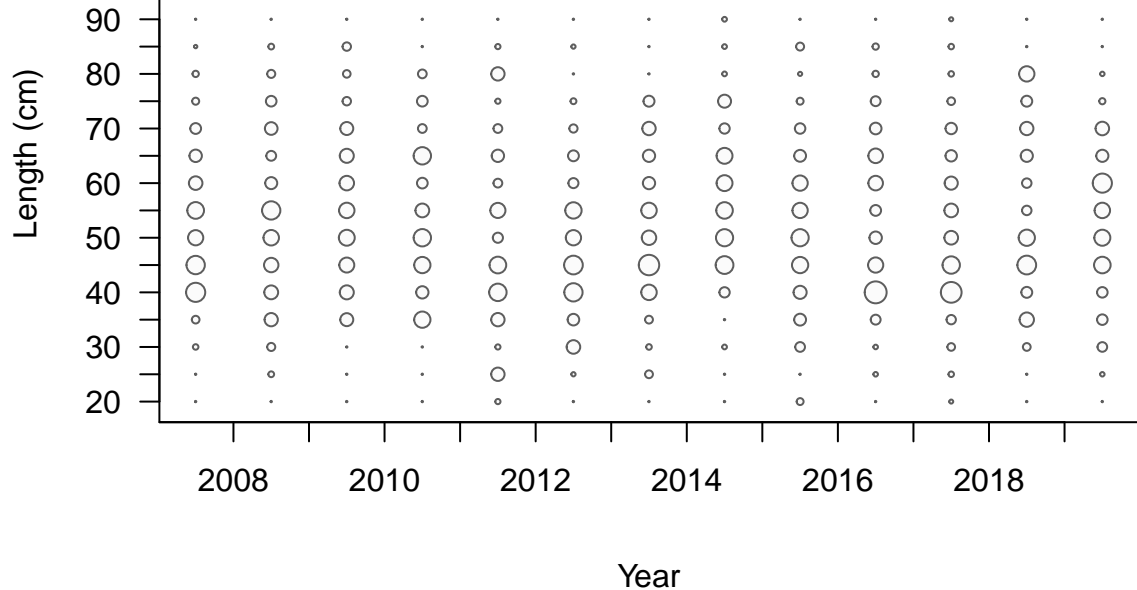
FISHERY

Sum of N input=1078

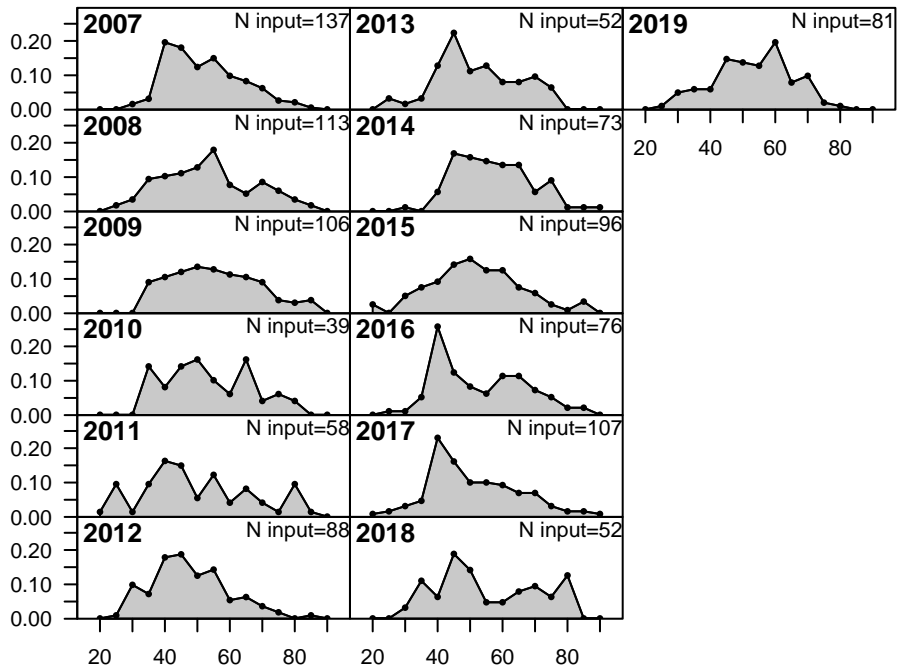


FISHERY

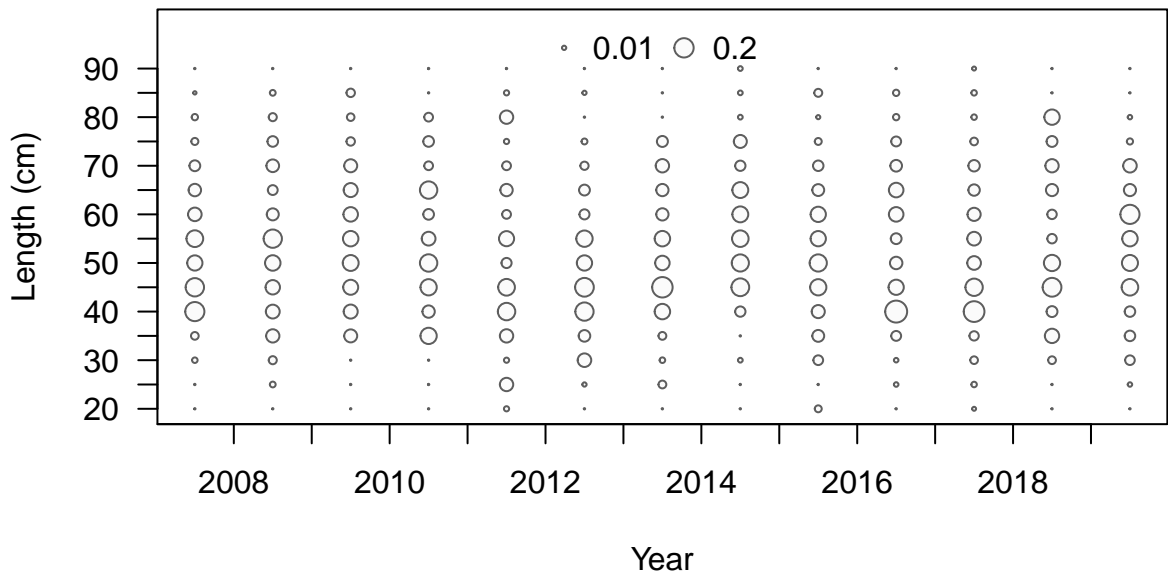
◦ 0.01 ○ 0.2



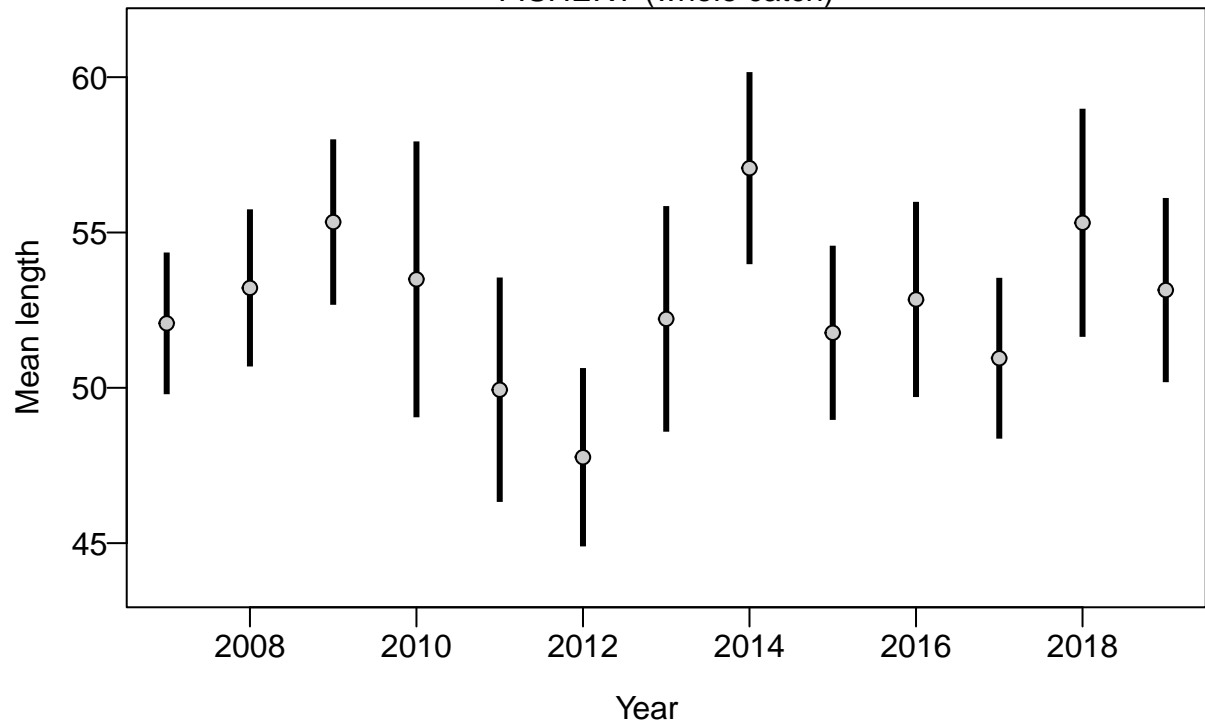
Proportion



Length (cm)

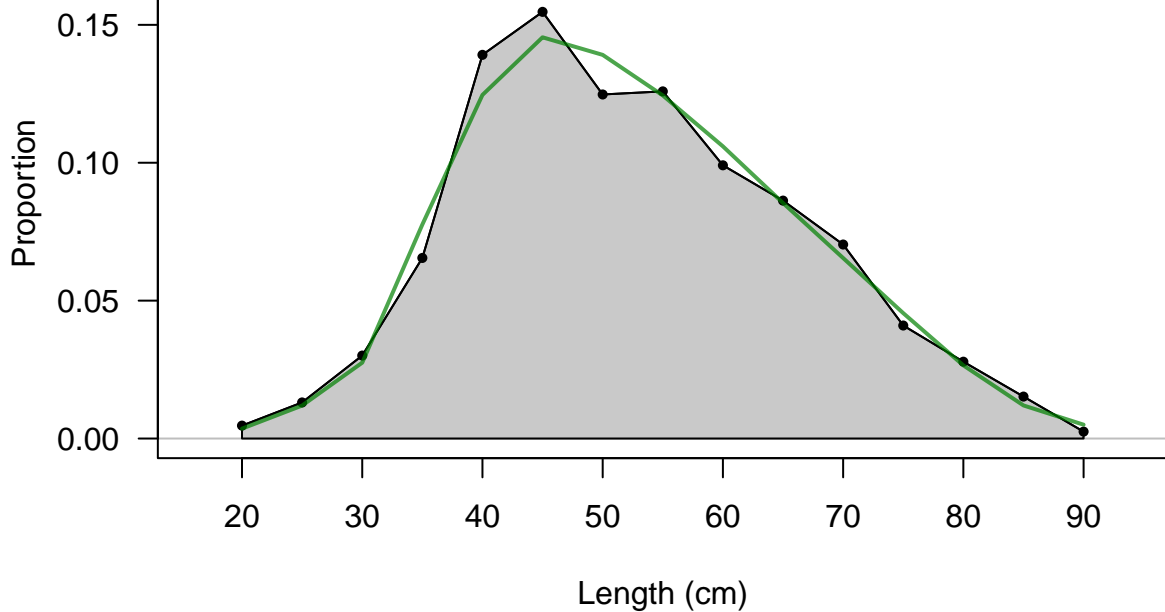


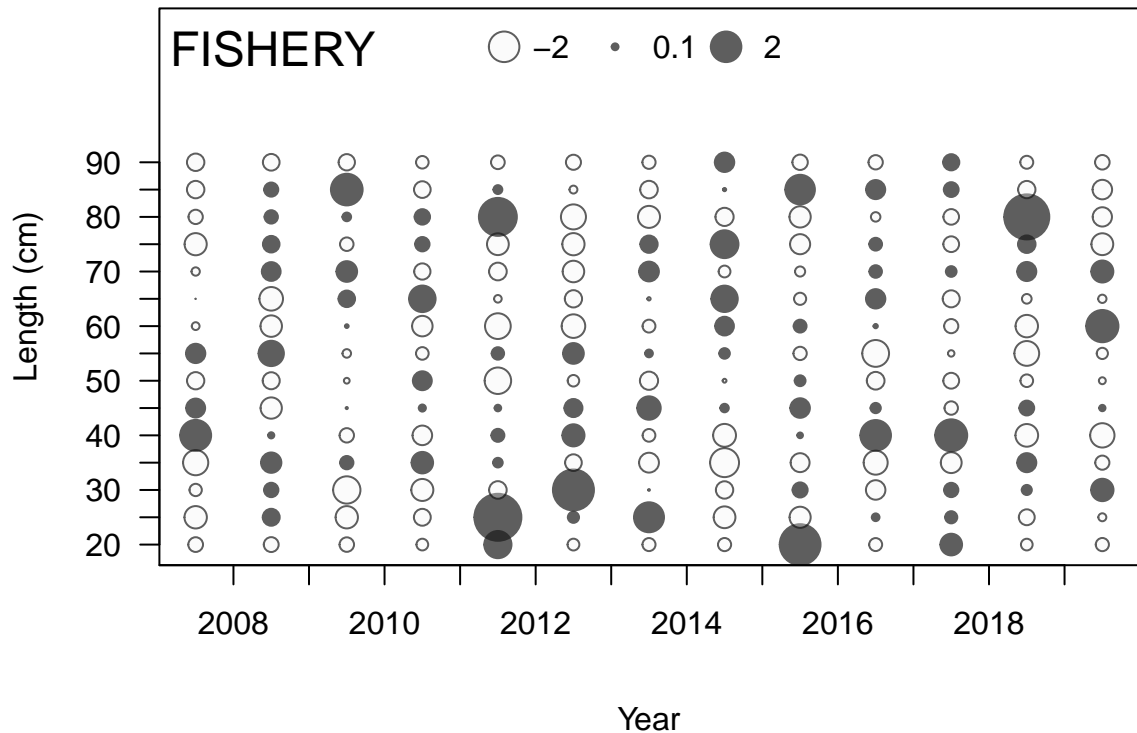
FISHERY (whole catch)



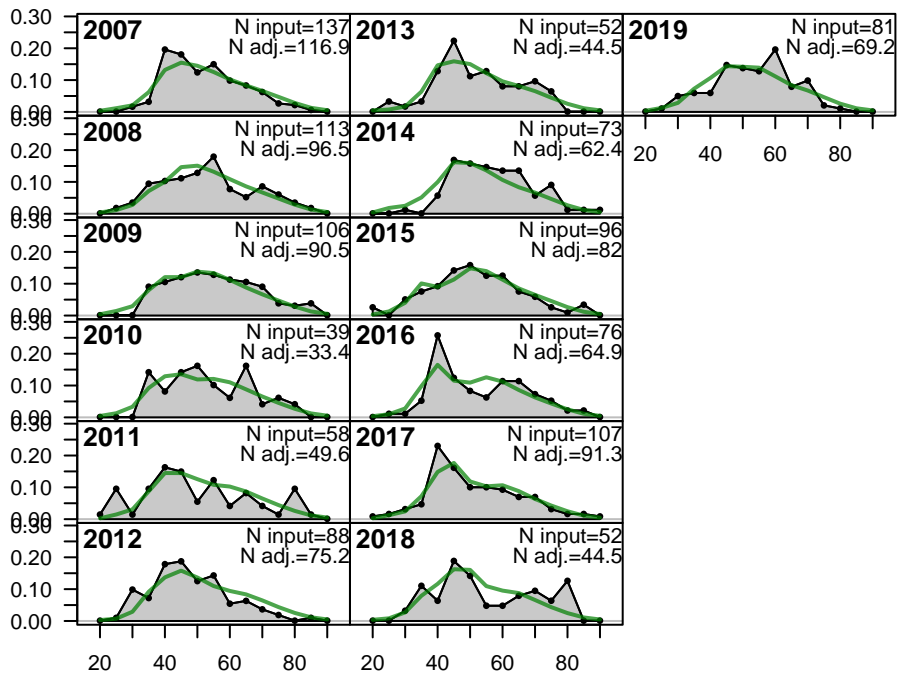
FISHERY

Sum of N input=1078
Sum of N adj.=920.7

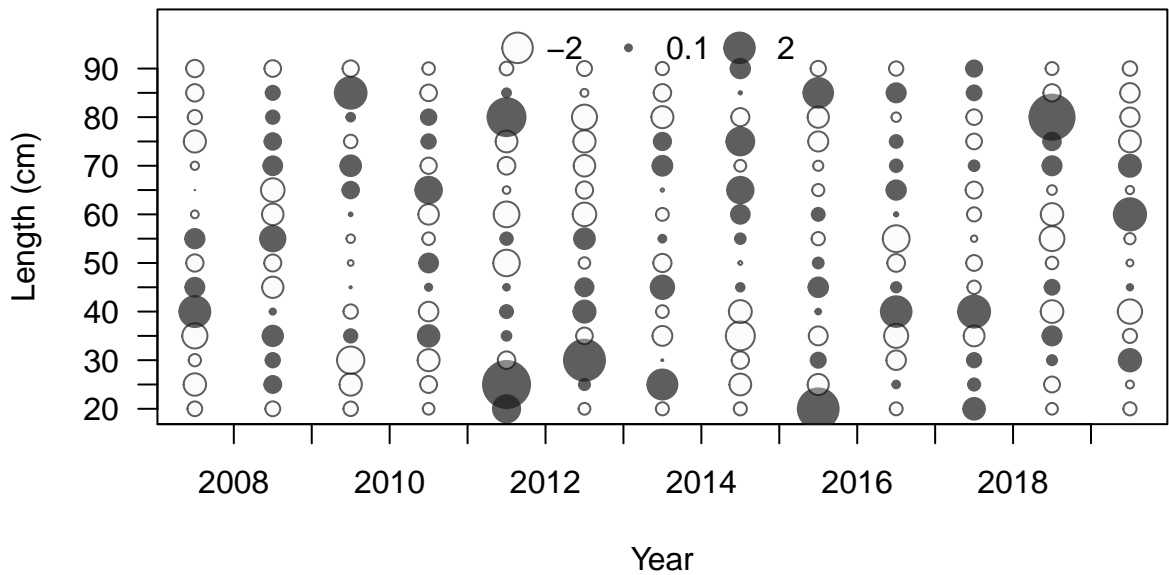




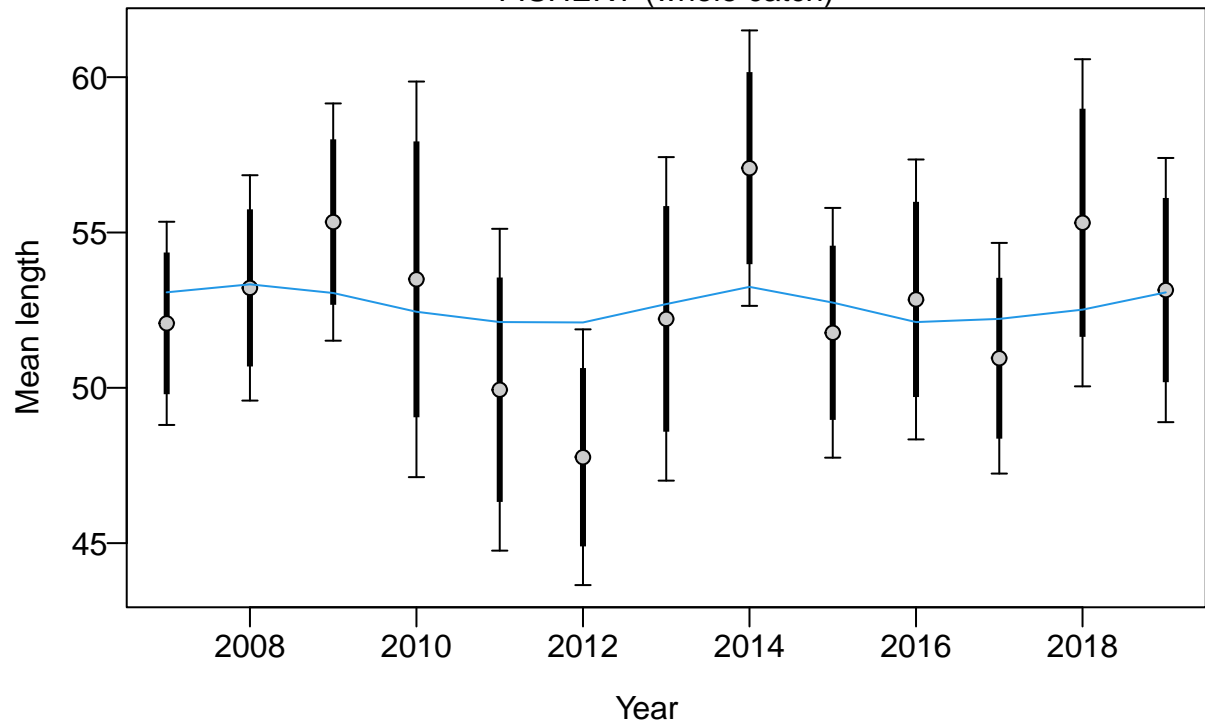
Proportion

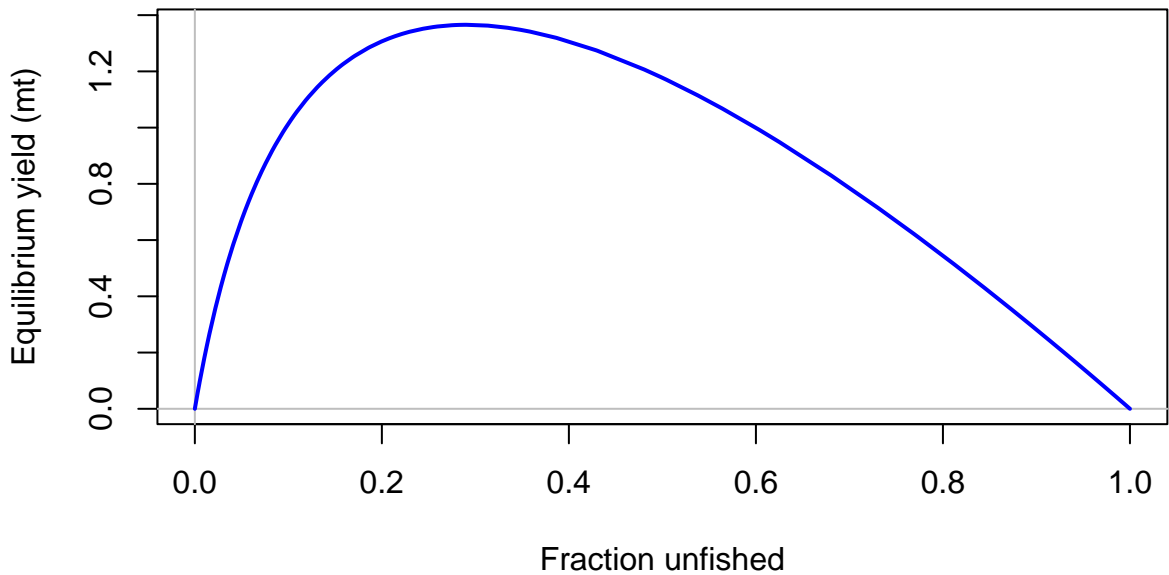


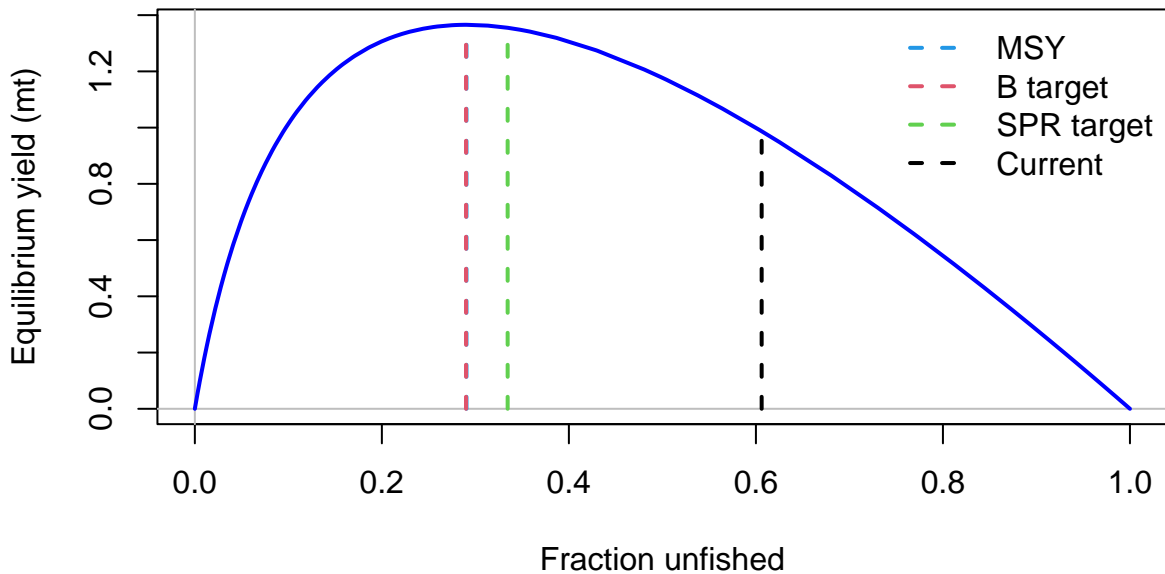
Length (cm)

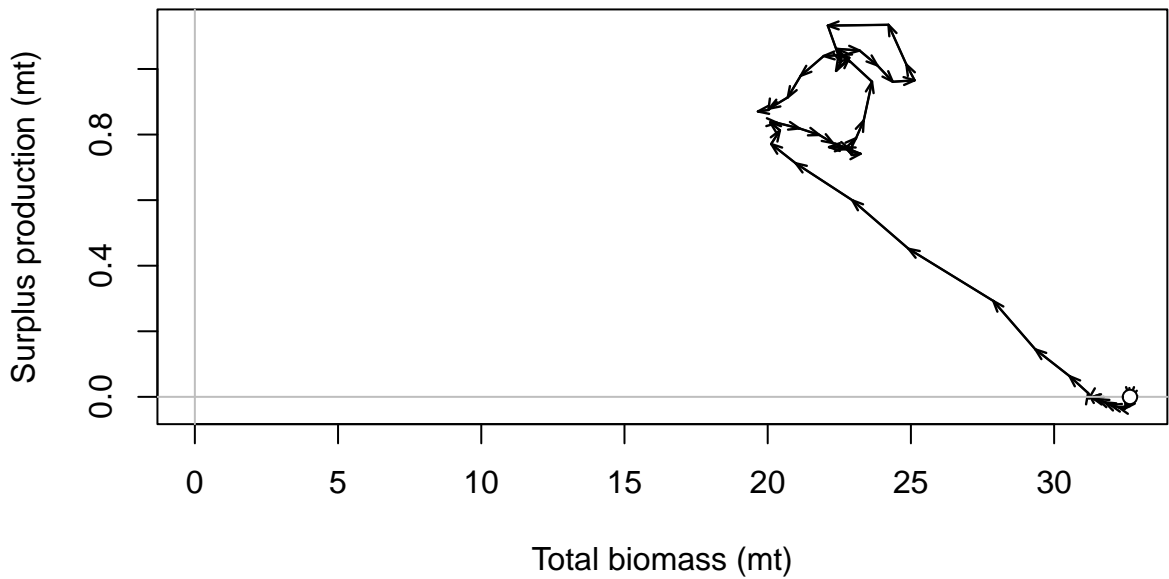


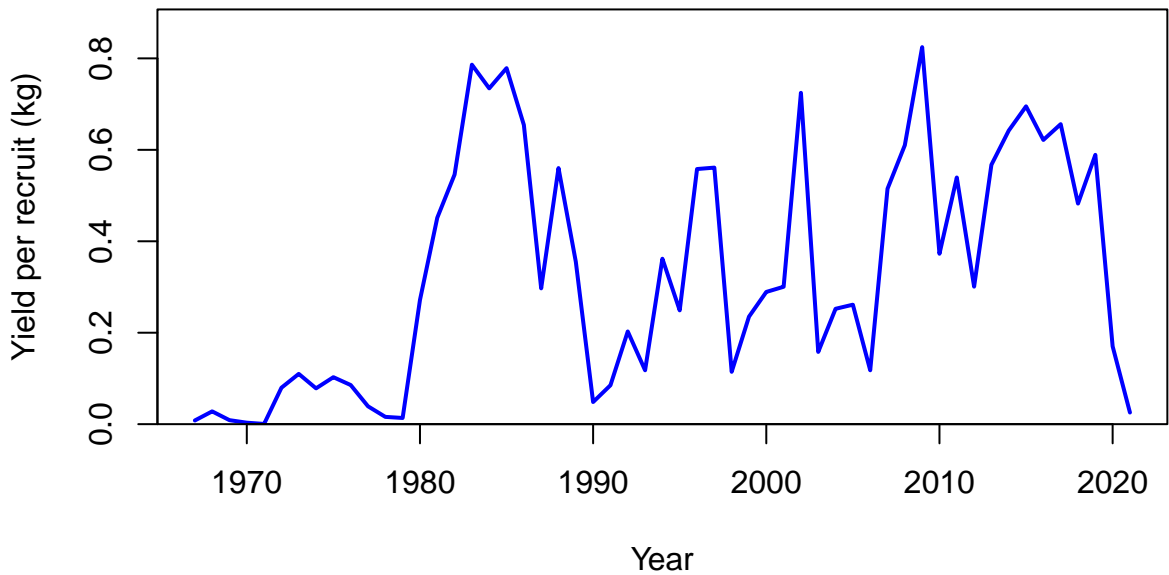
FISHERY (whole catch)

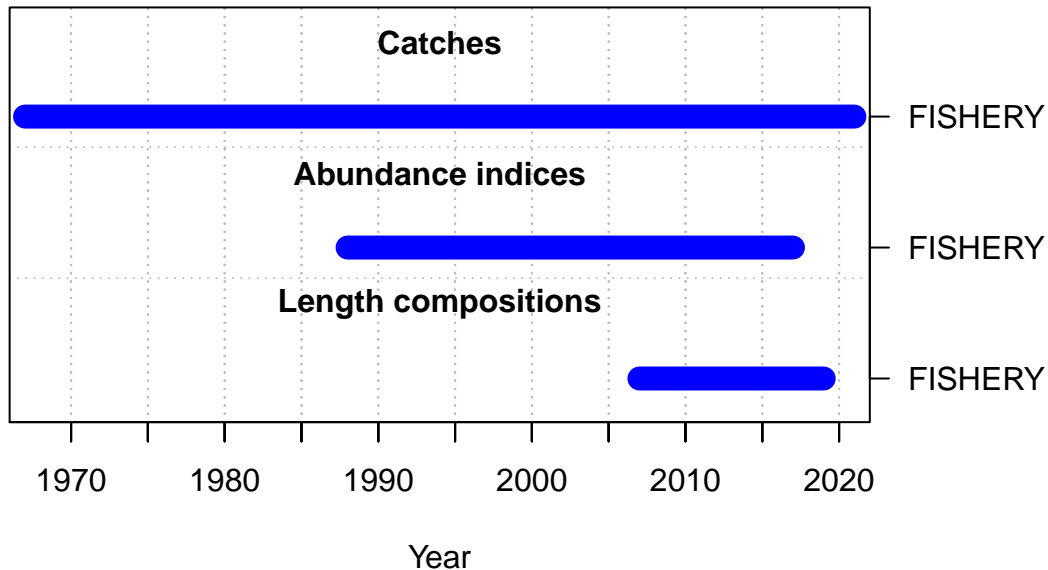


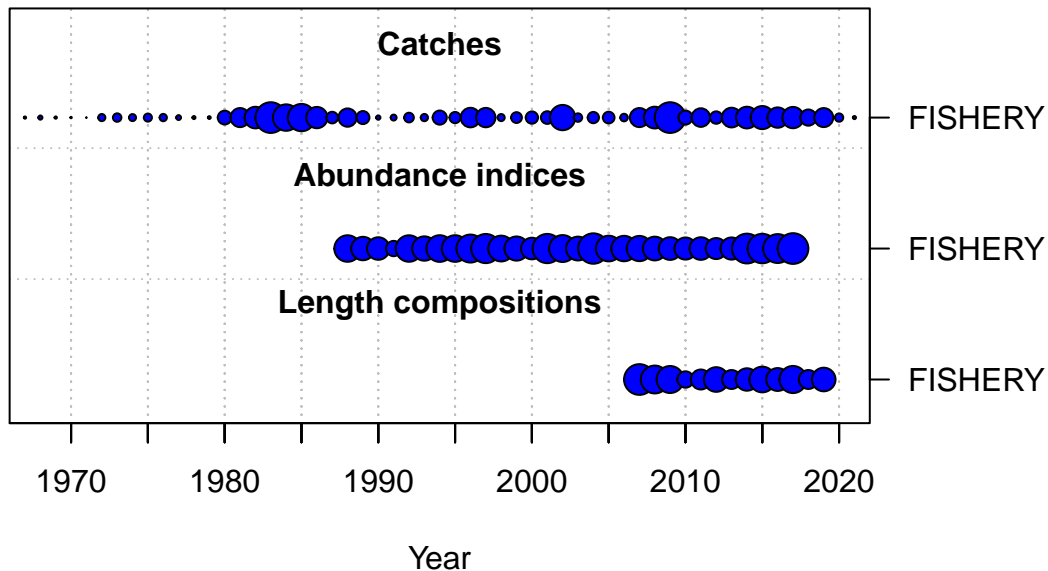


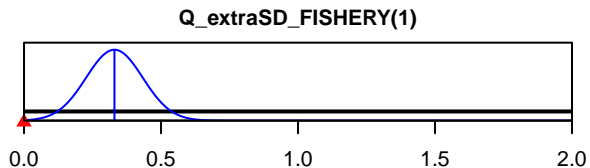
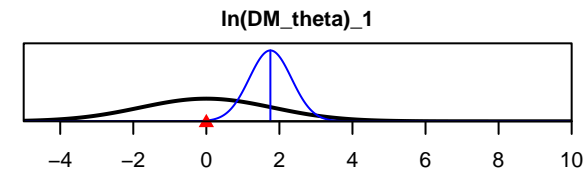
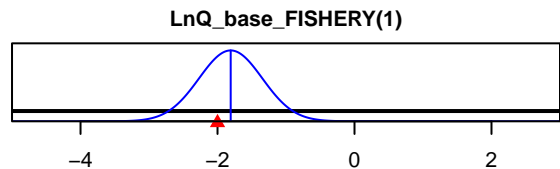
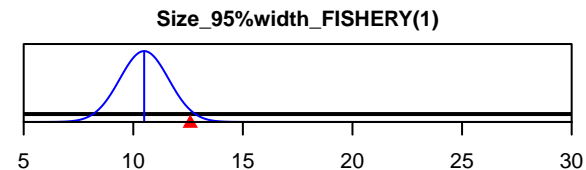
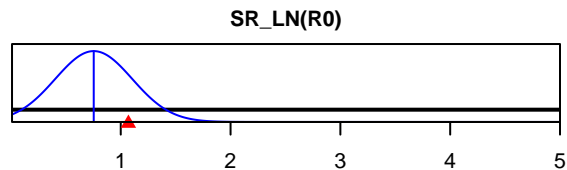
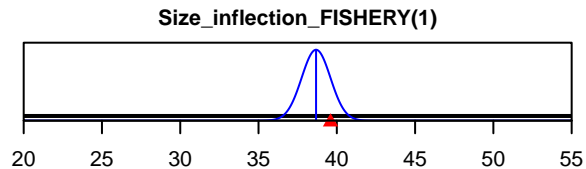
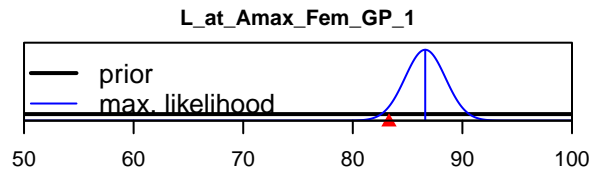












Parameter value