

Plots created using the 'r4ss' package in R

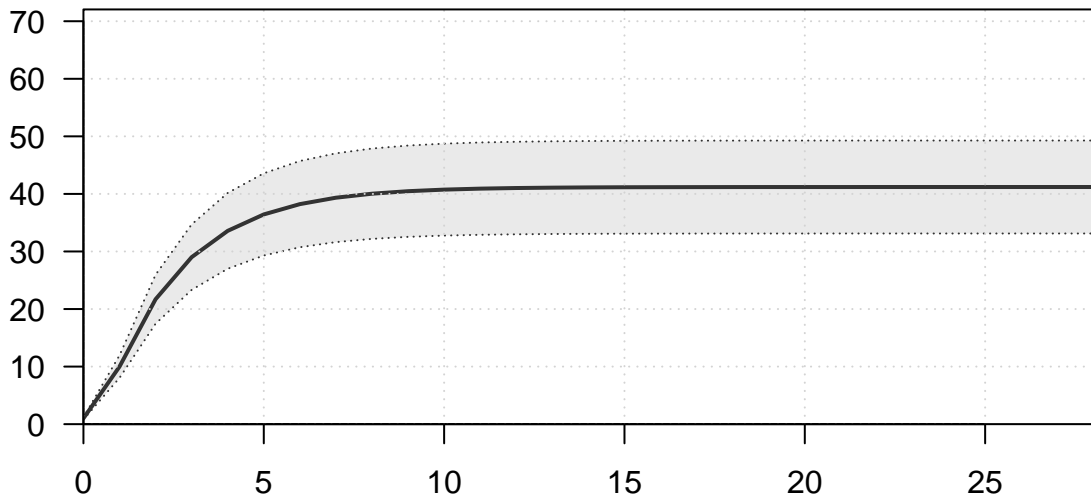
Stock Synthesis version: 3.30.19.0

StartTime: Wed Jun 29 15:38:05 2022

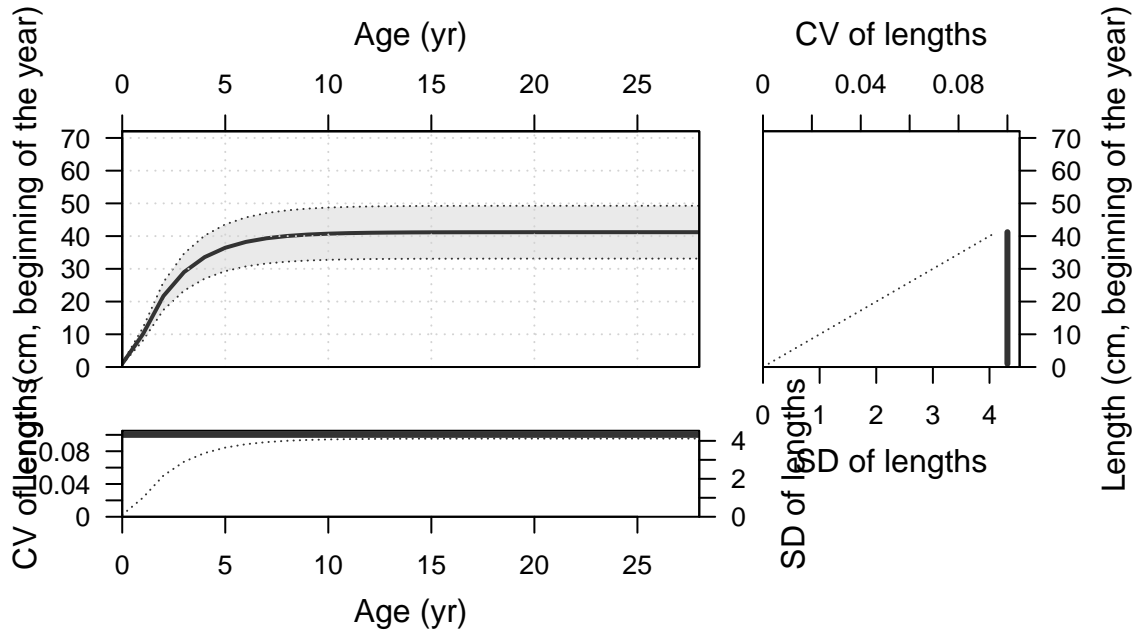
Data_File: data.ss

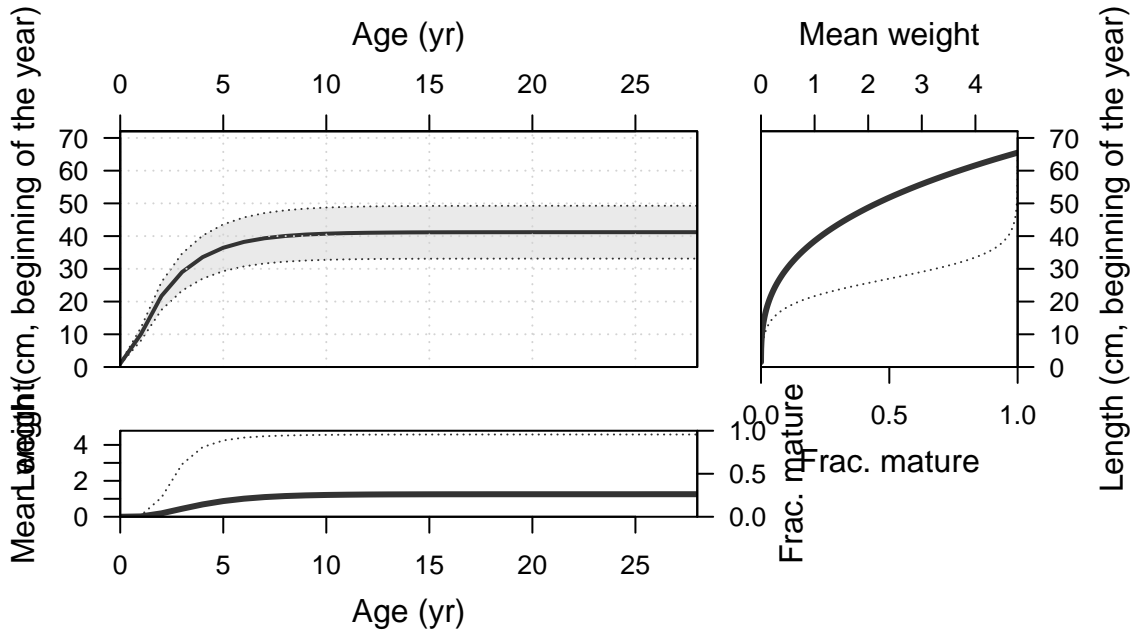
Control_File: control.ss

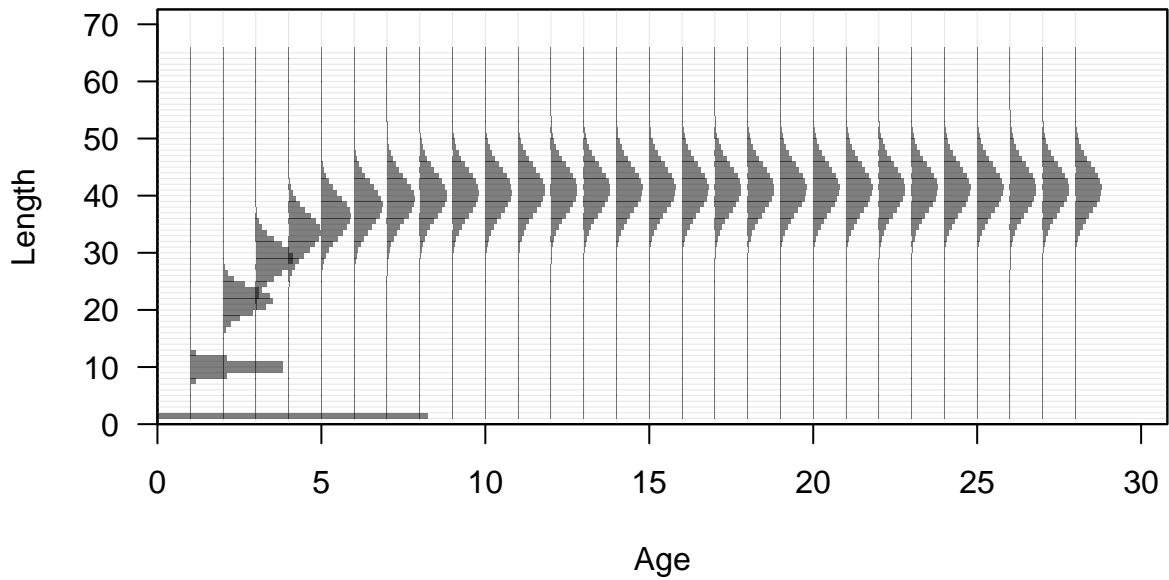
Length (cm, beginning of the year)

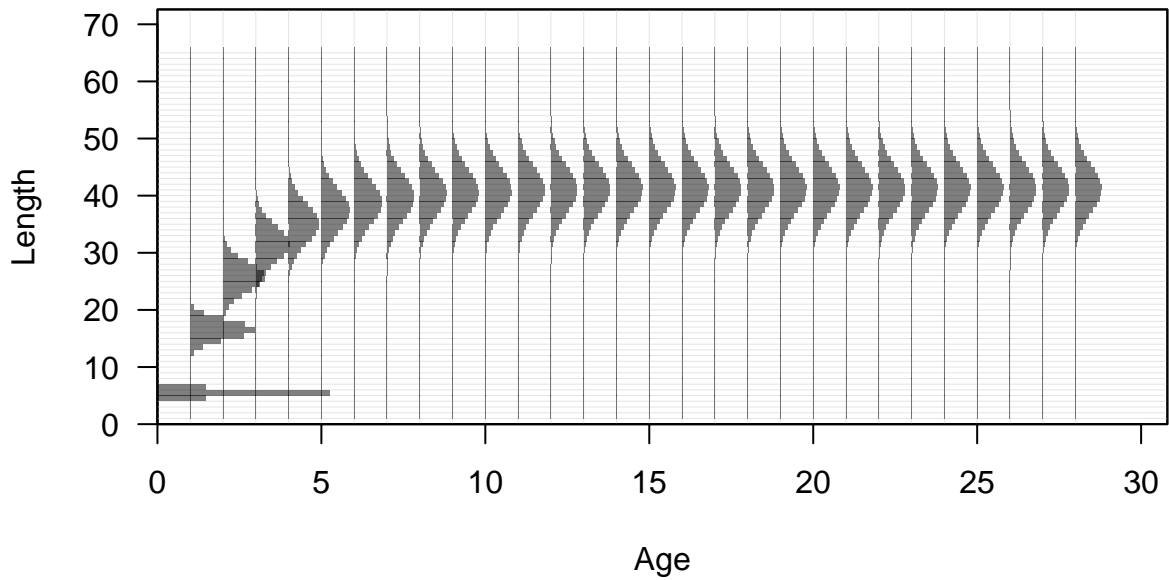


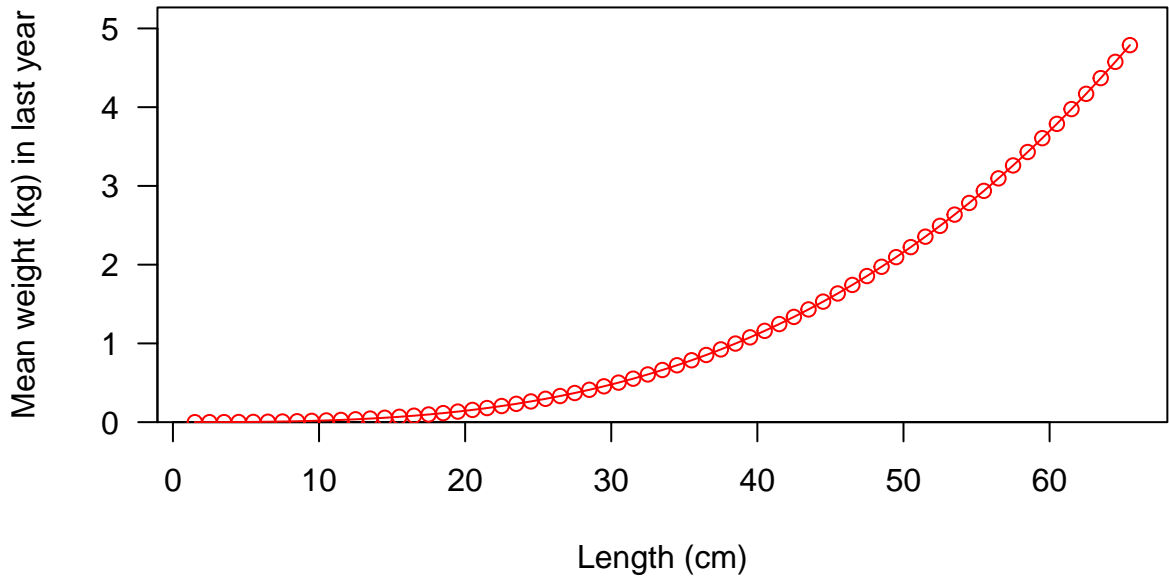
Age (yr)

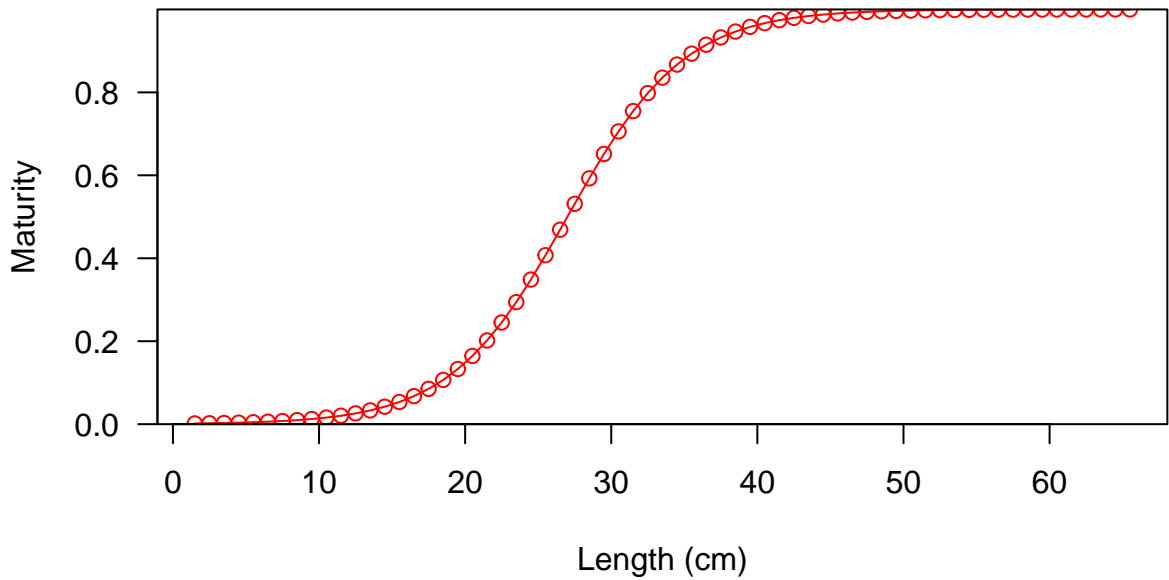


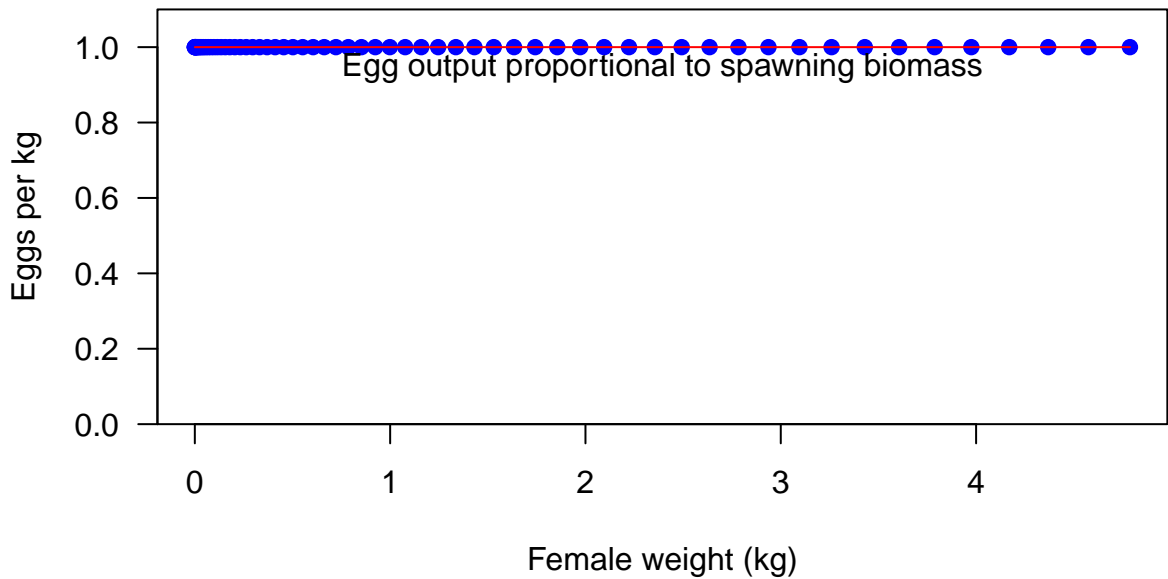




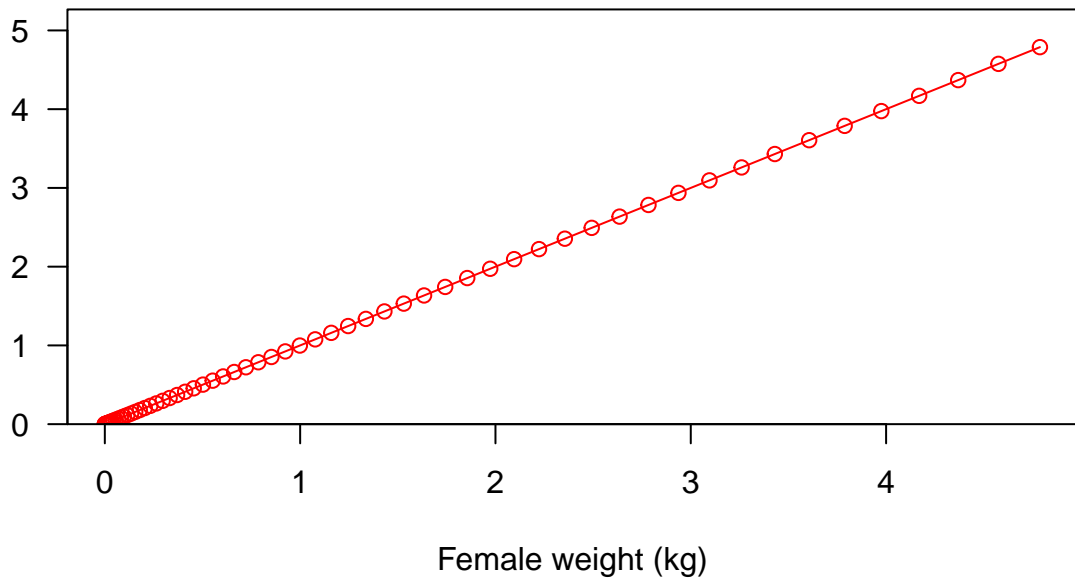




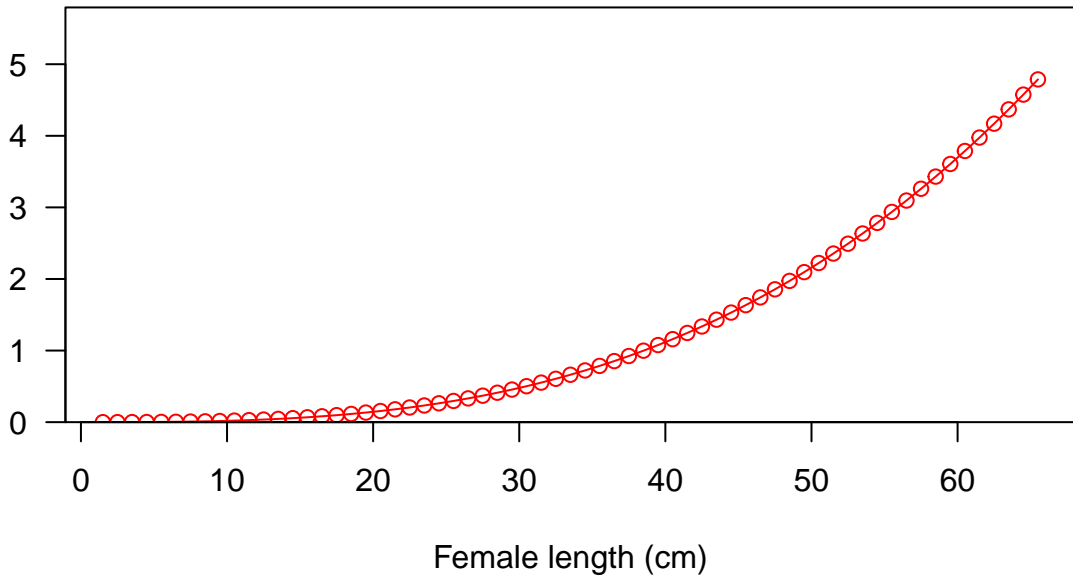




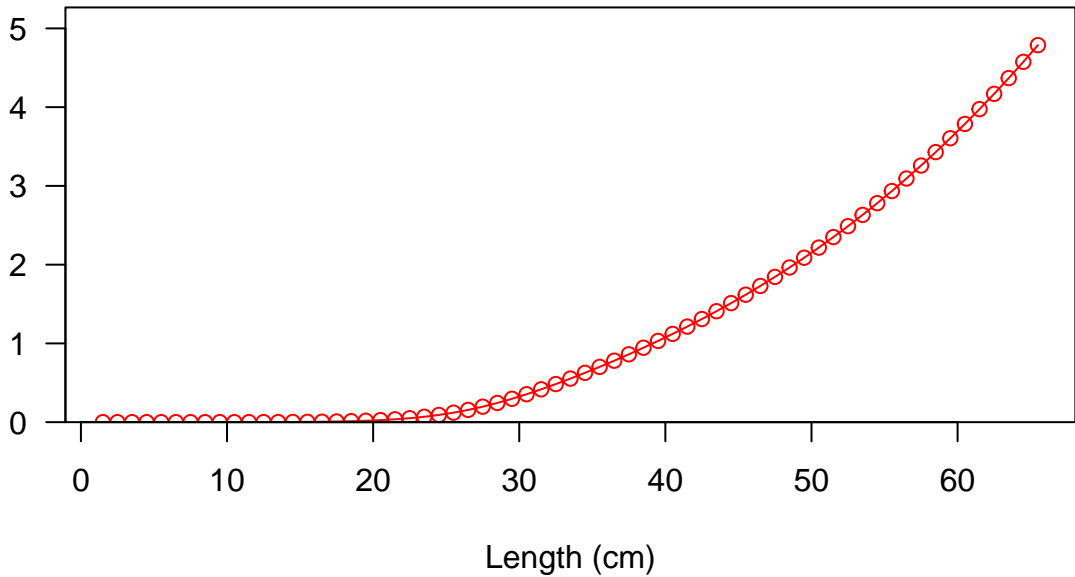
Fecundity

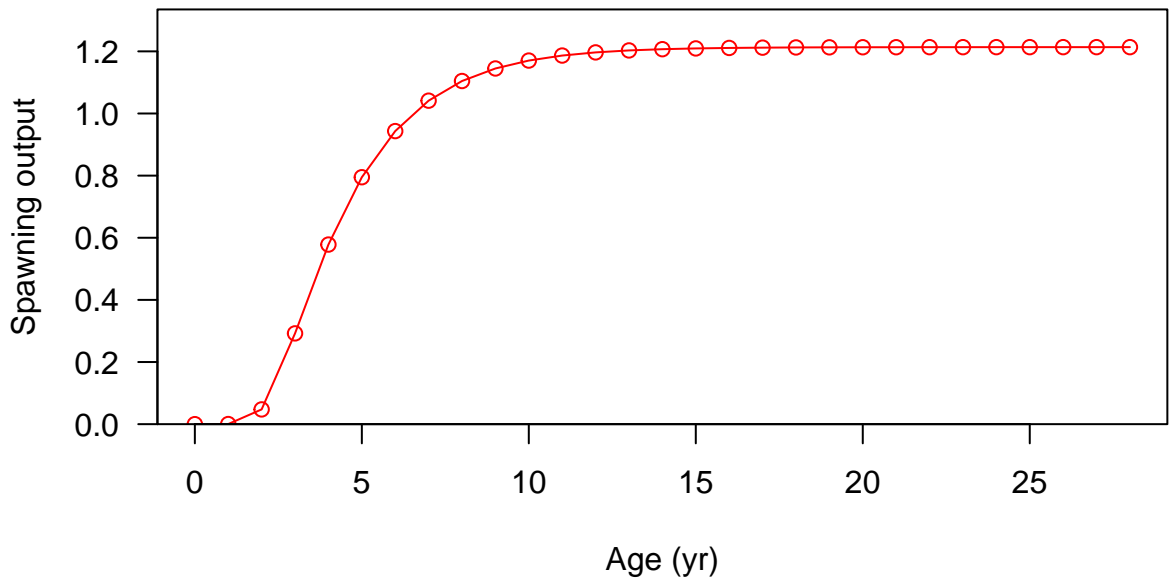


Fecundity

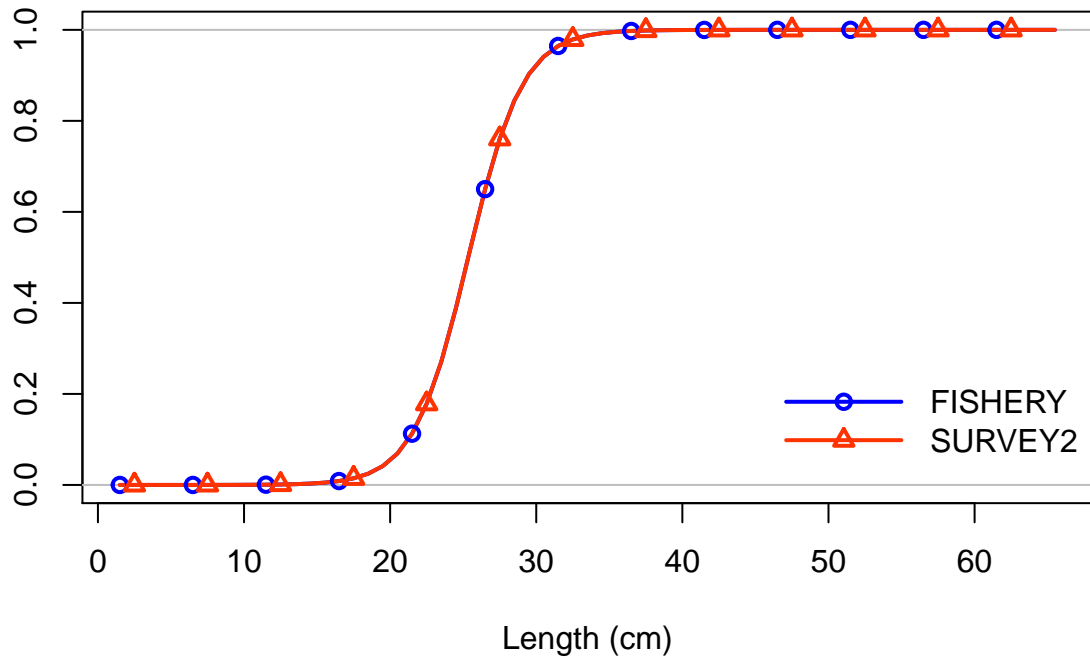


Spawning output

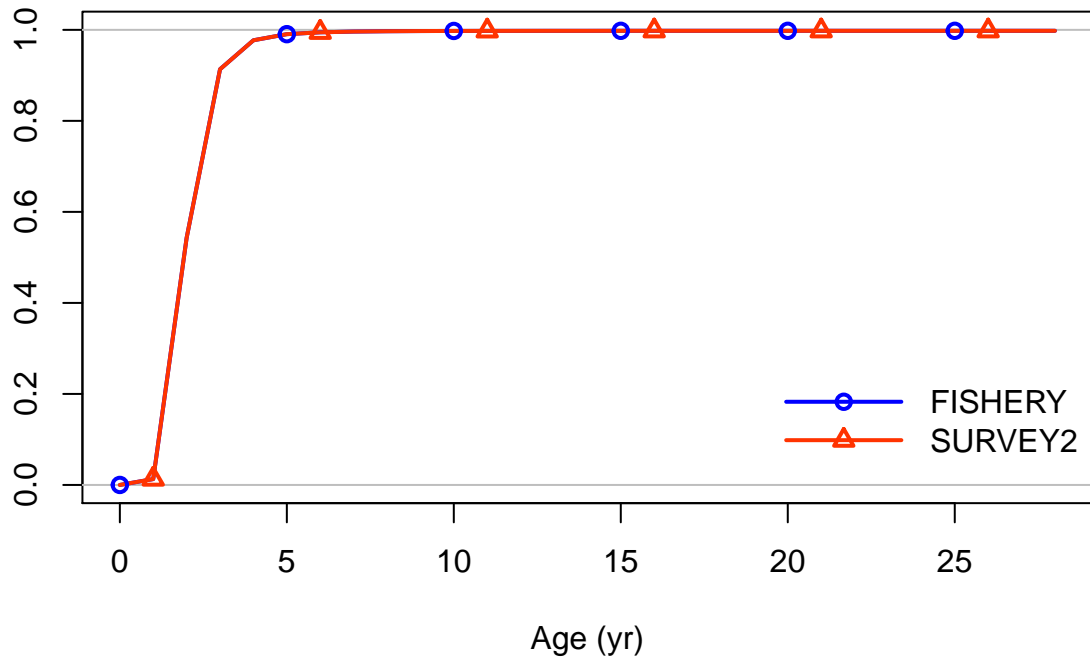




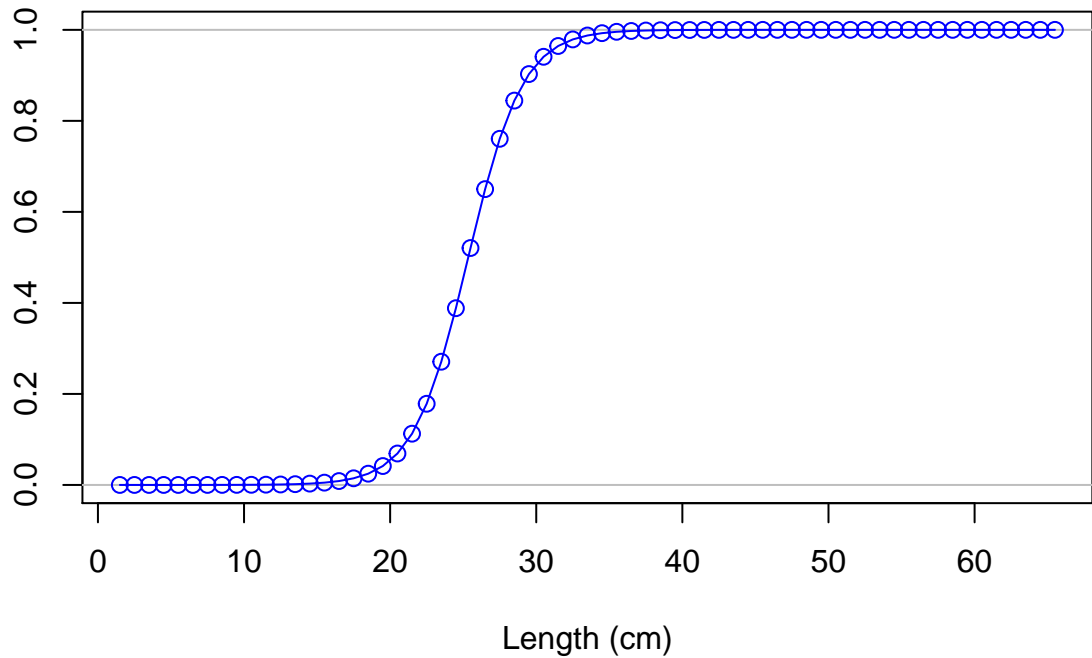
Selectivity



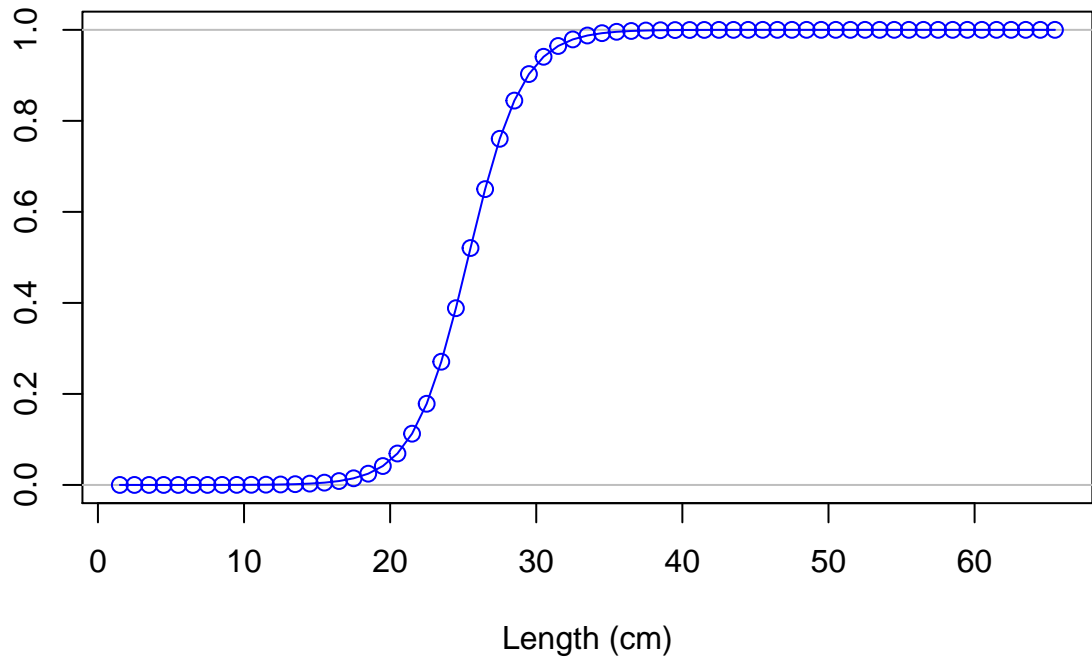
Selectivity

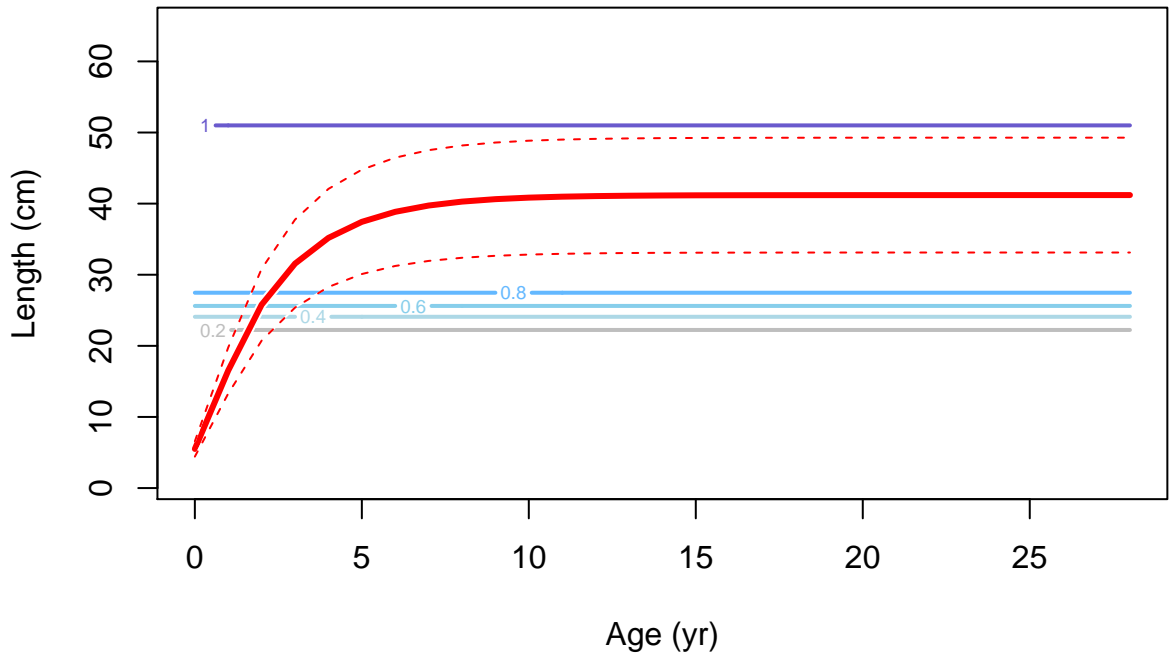


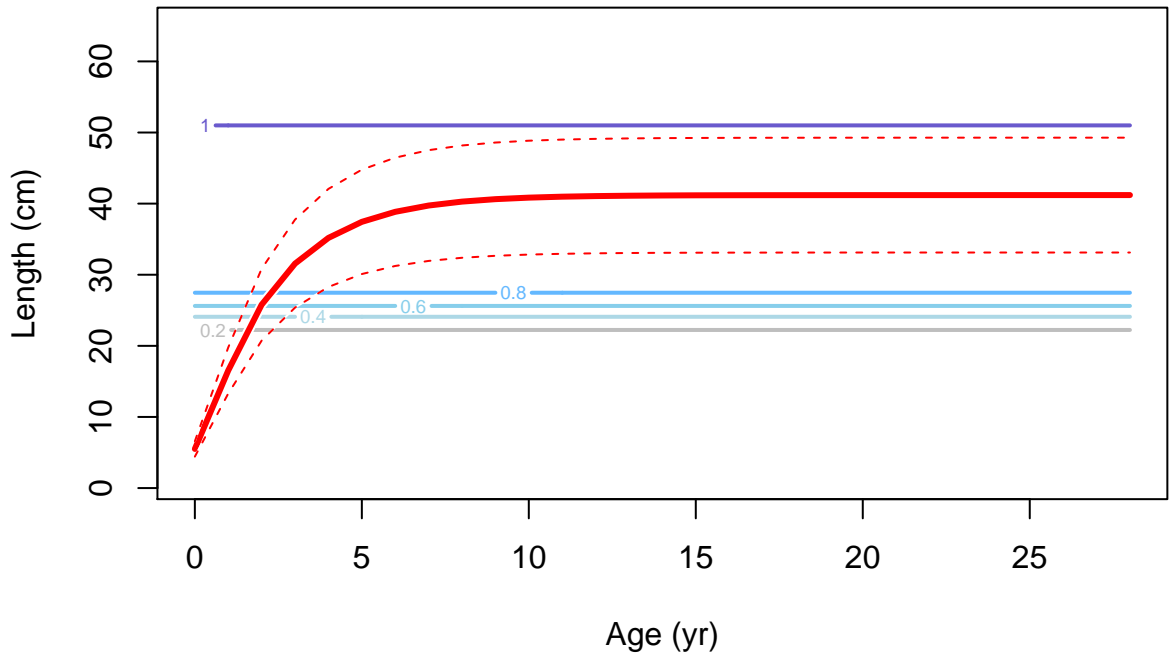
Selectivity

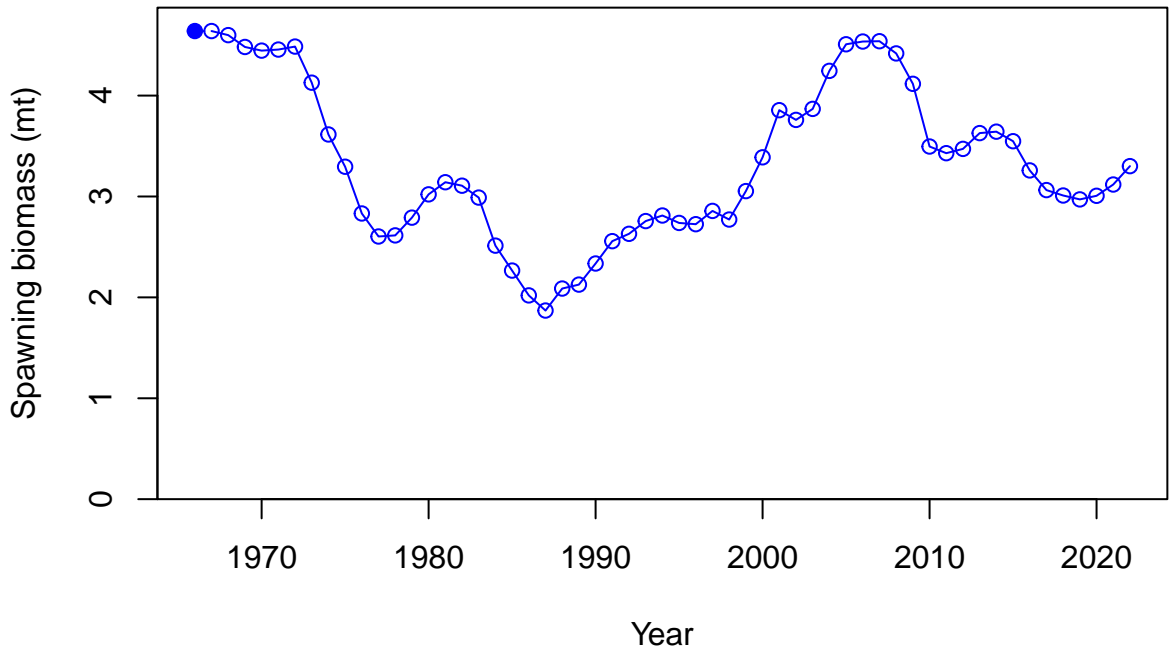


Selectivity

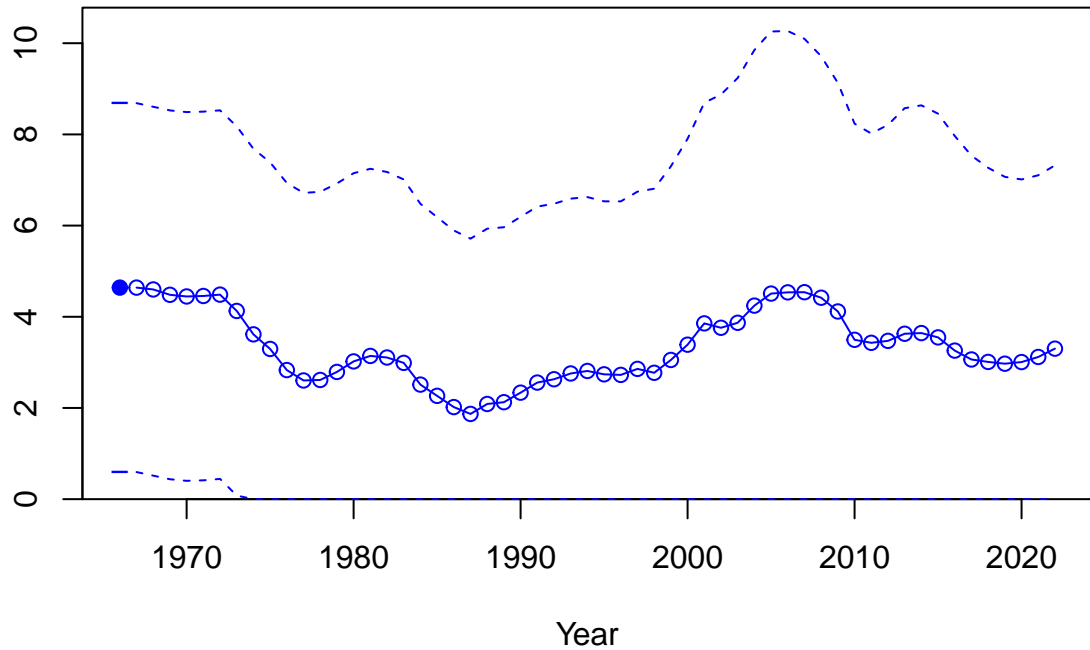




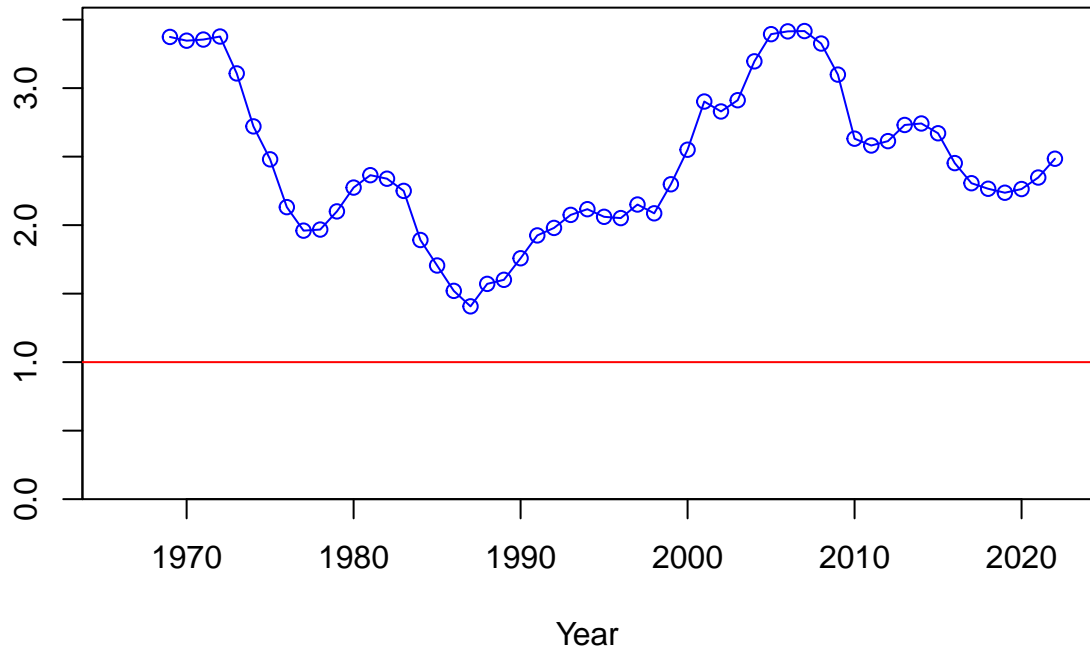




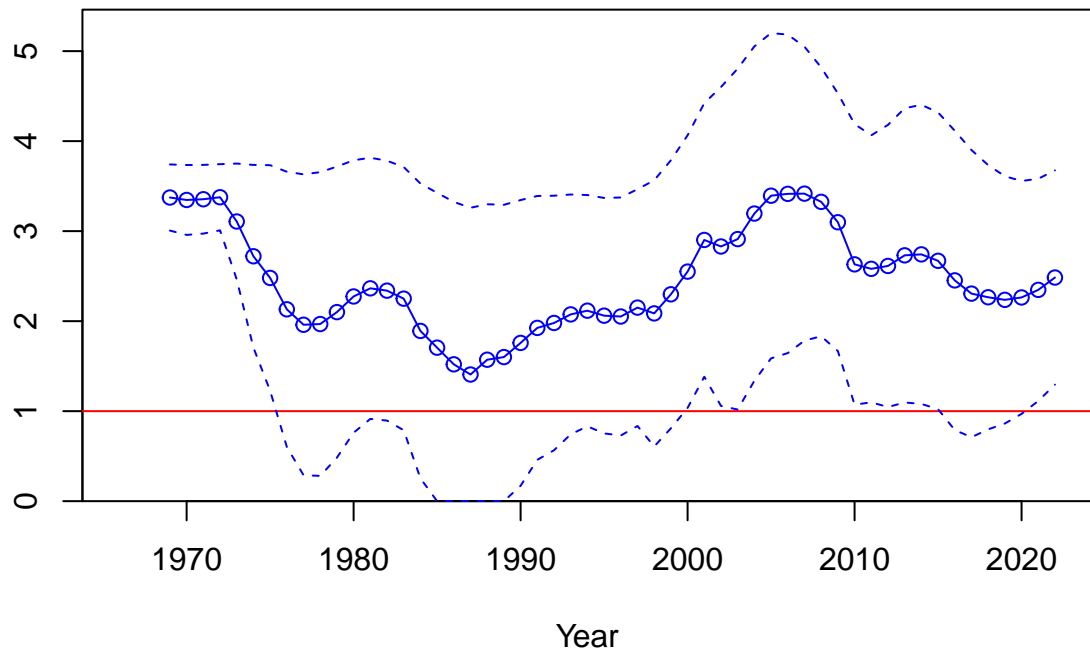
Spawning biomass (mt)

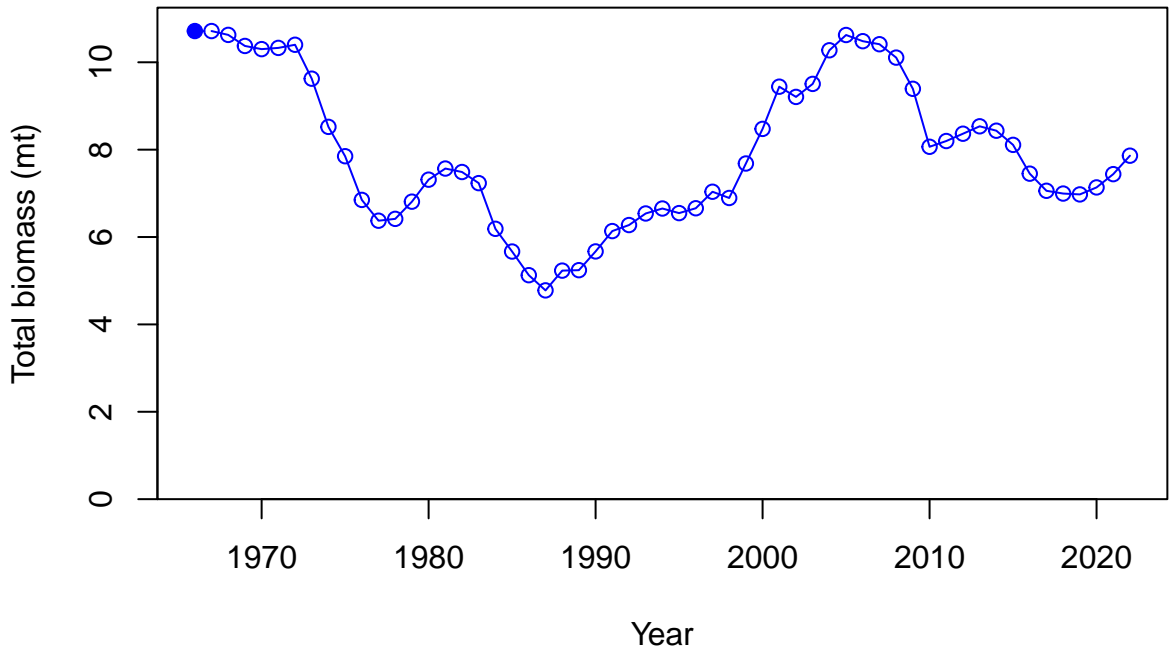


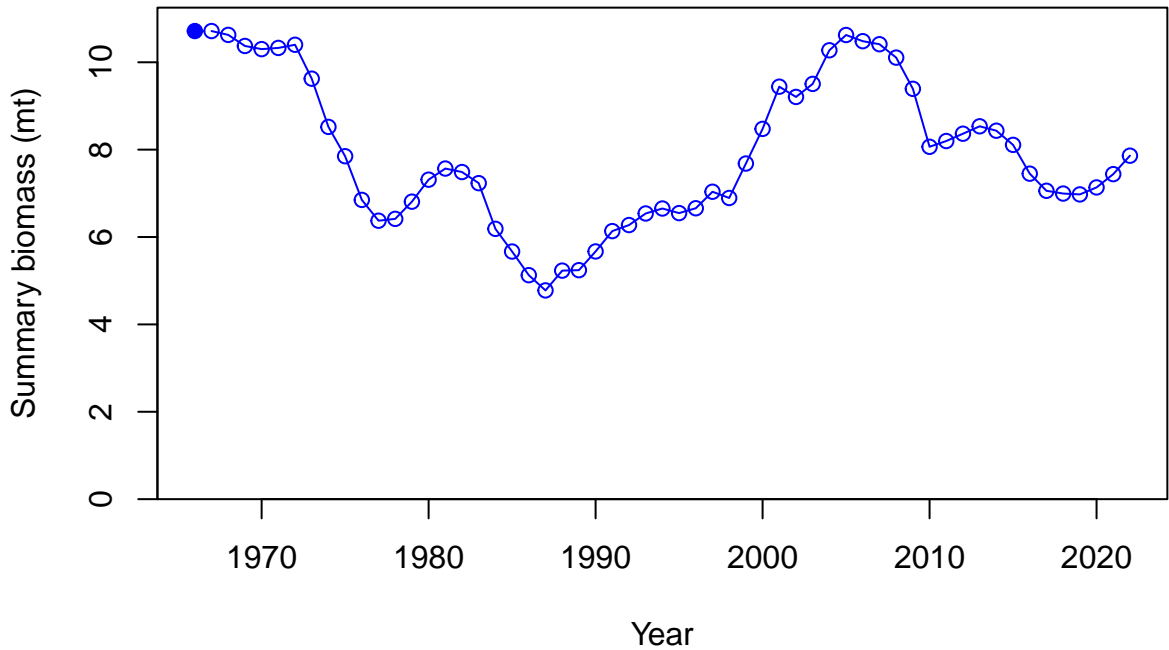
Relative spawning biomass: B/B_{MSY}



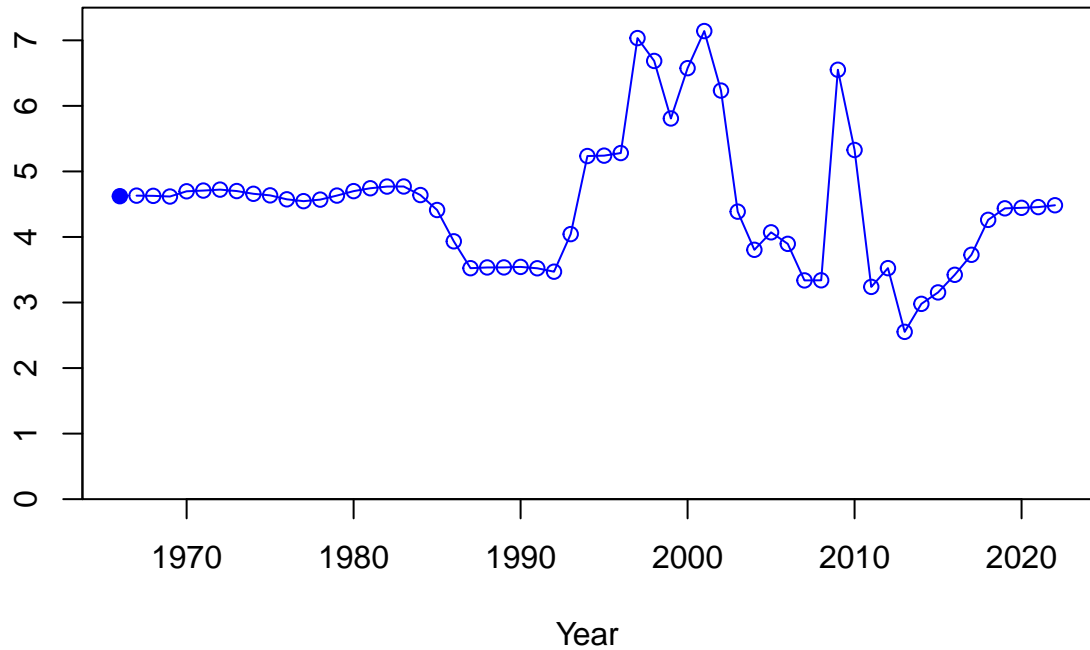
Relative spawning biomass: B/B_{MSY}



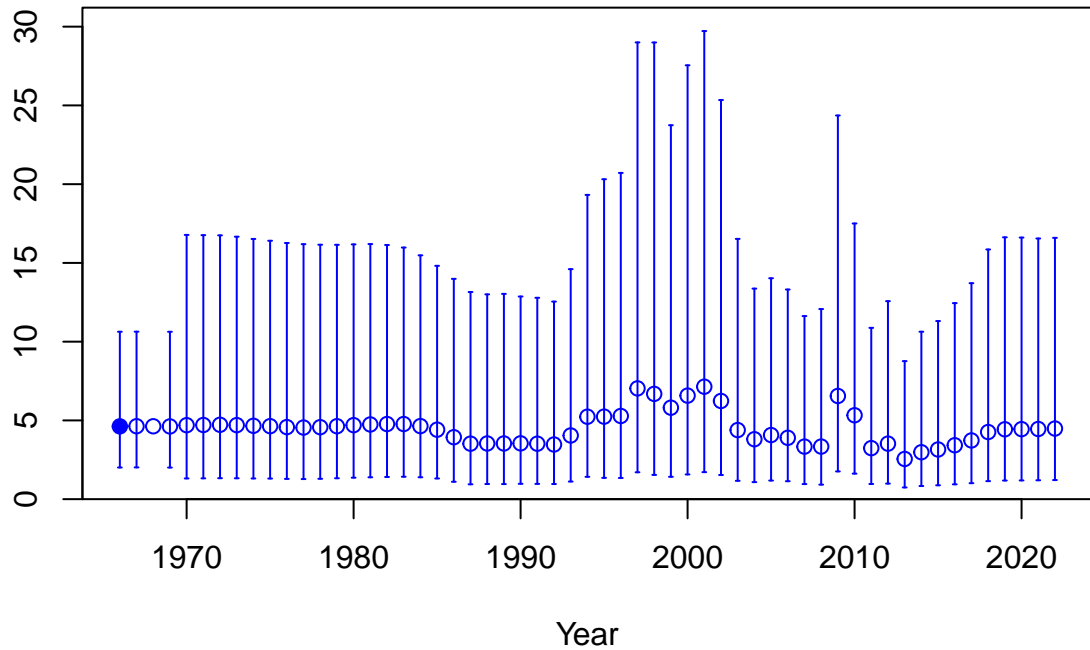




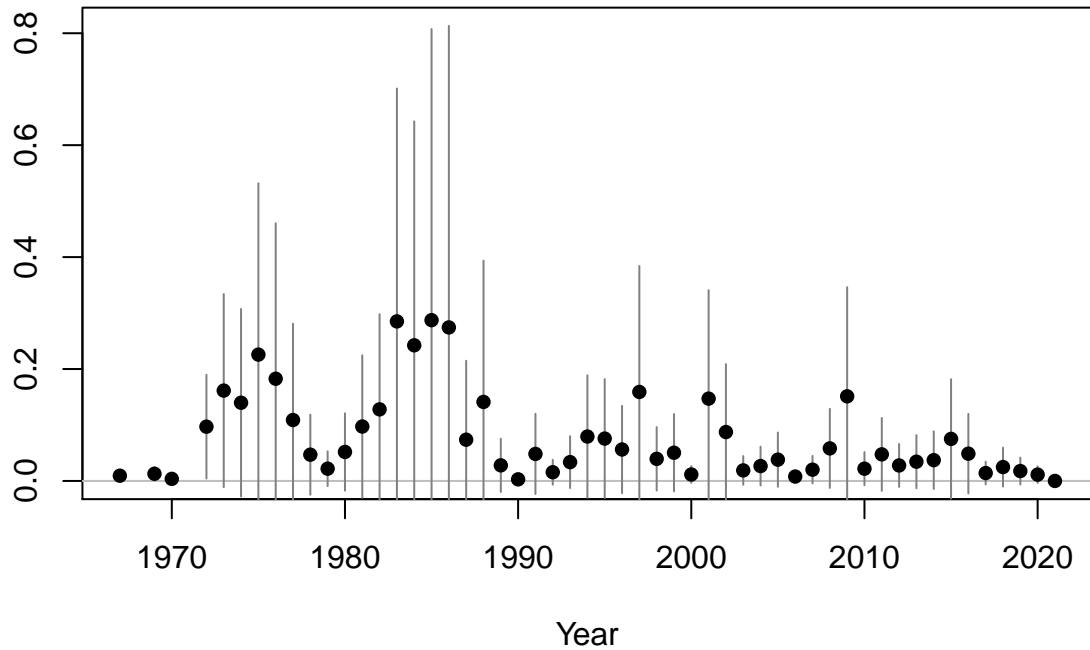
Age-0 recruits (1,000s)

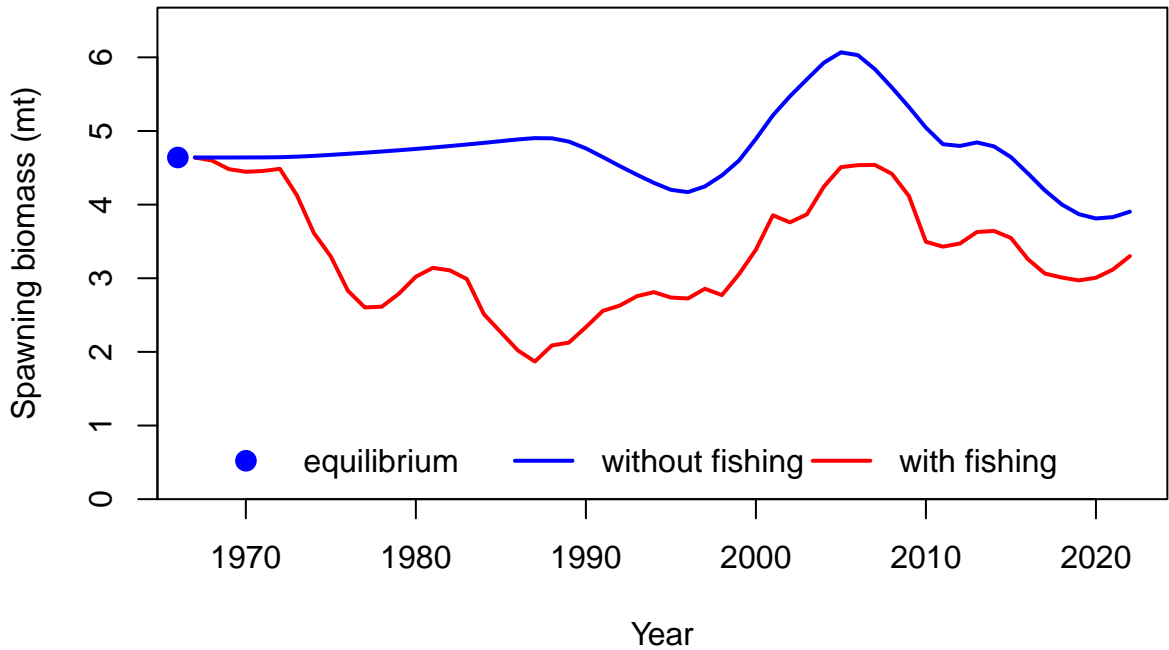


Age-0 recruits (1,000s)

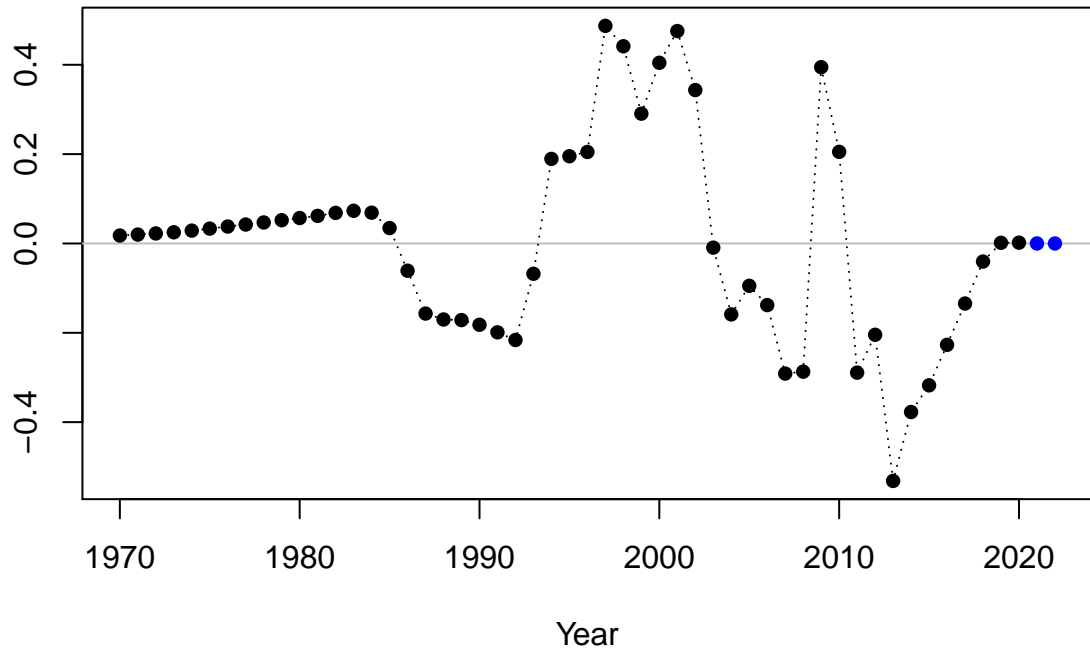


Summary Fishing Mortality

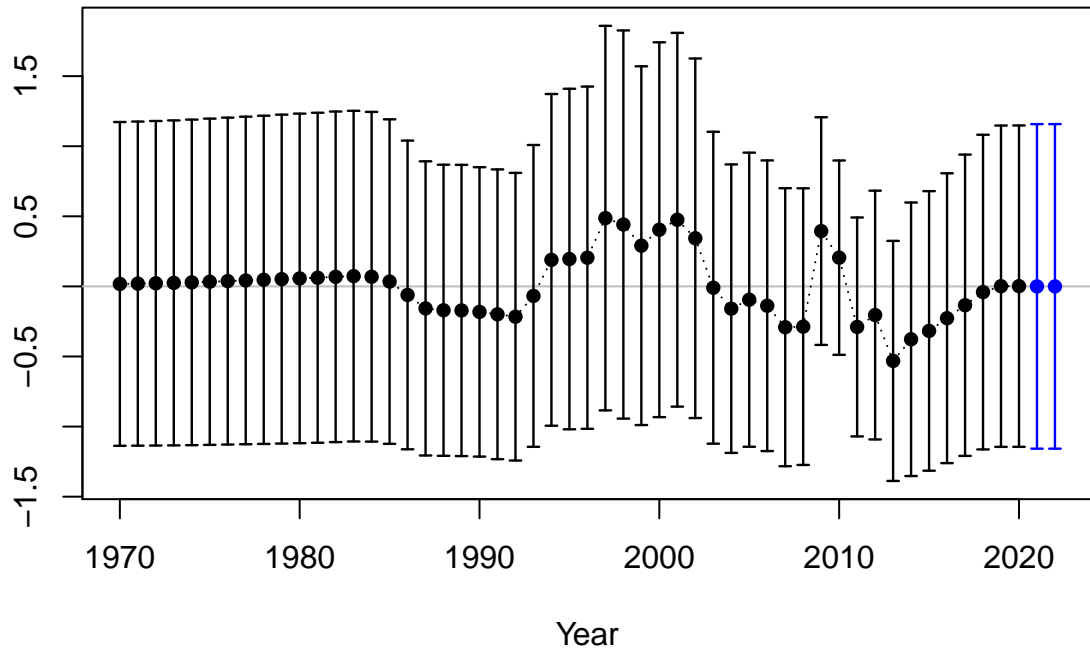




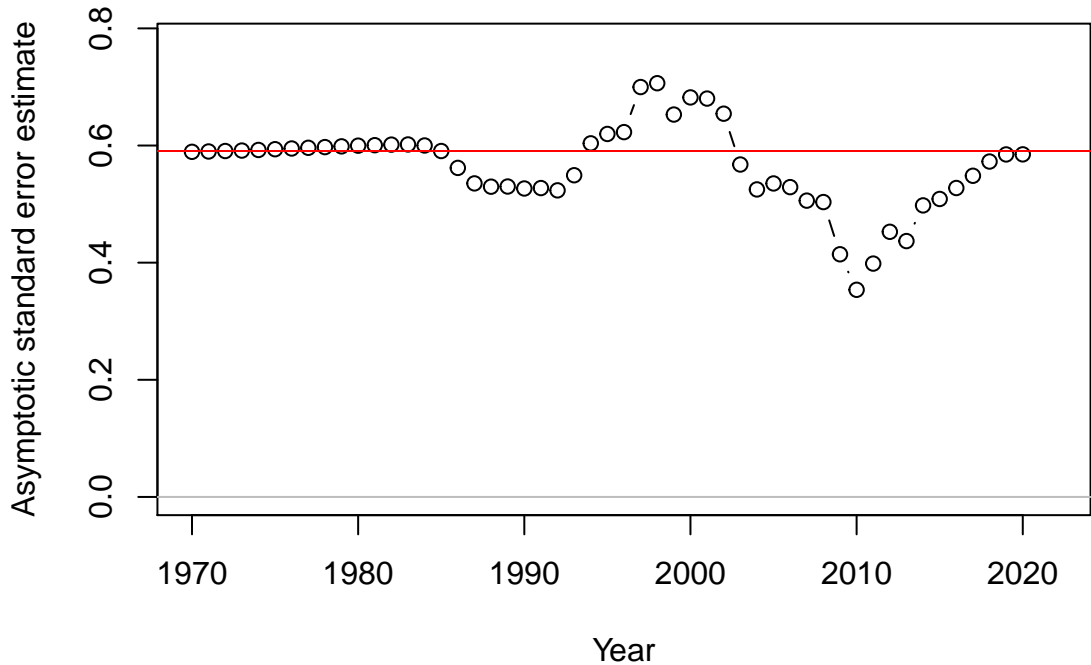
Log recruitment deviation

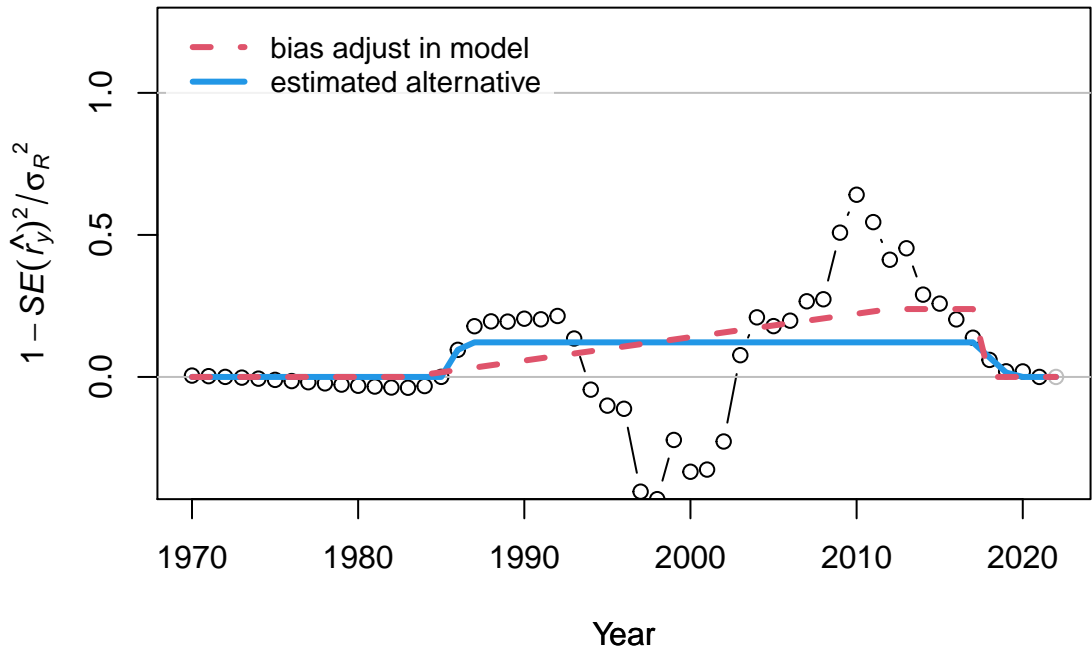


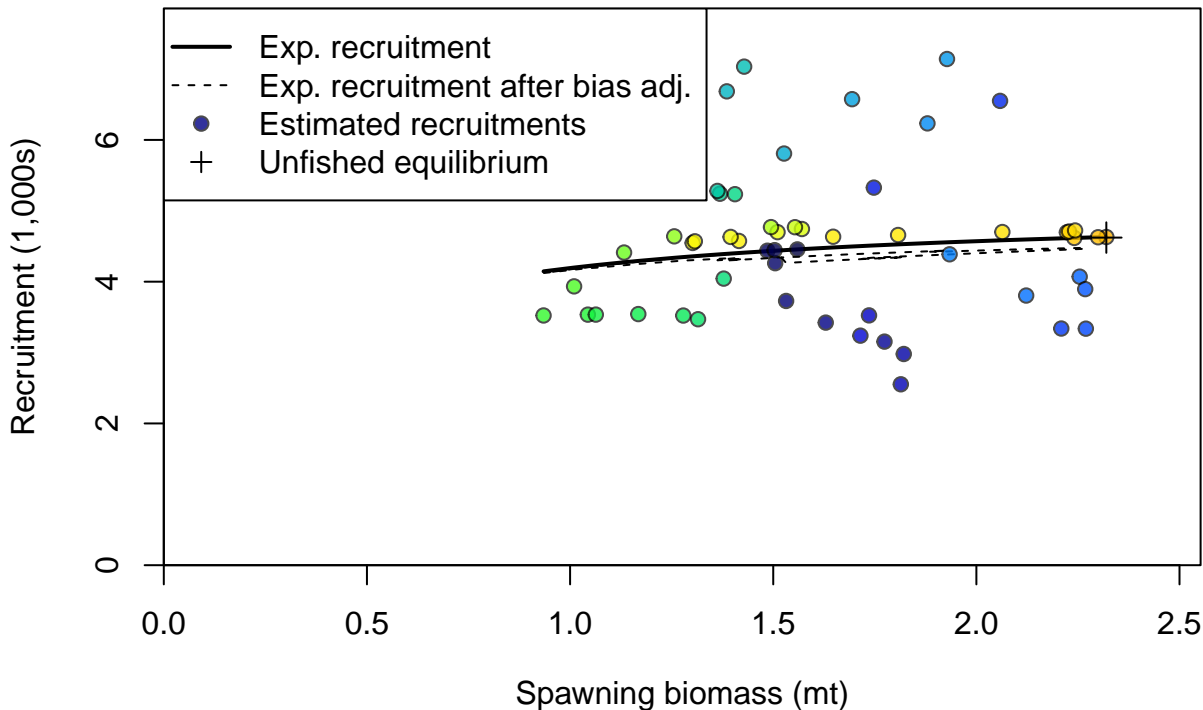
Log recruitment deviation

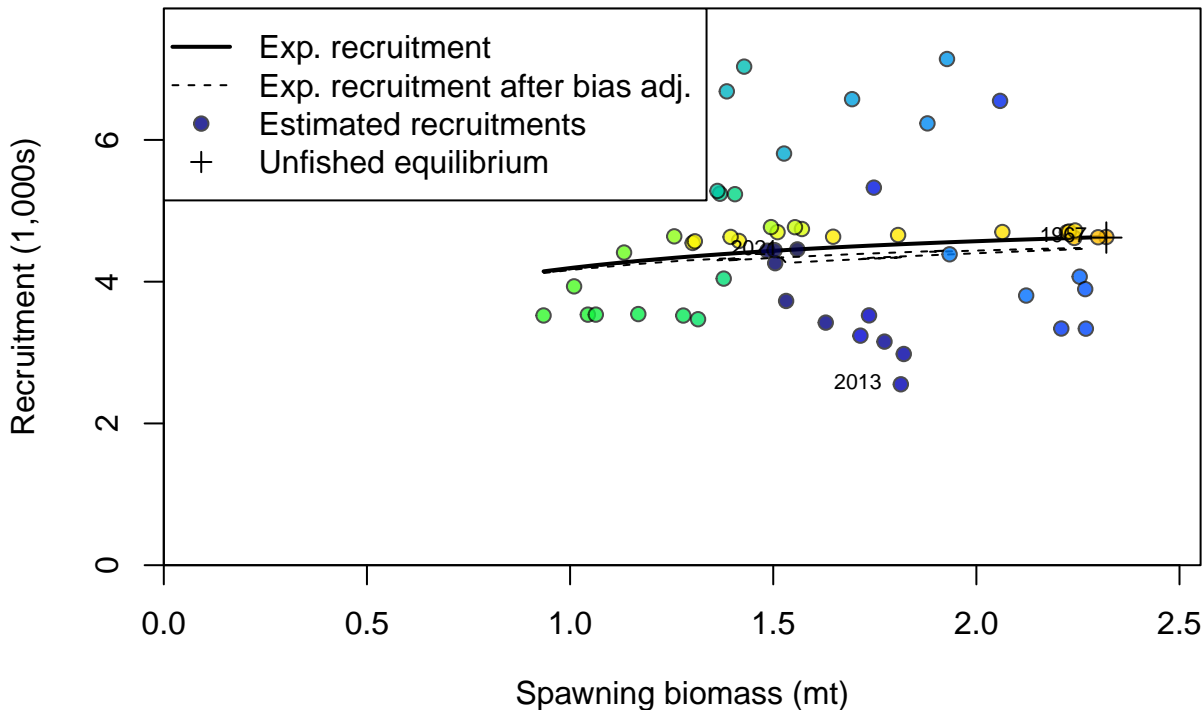


Recruitment deviation variance

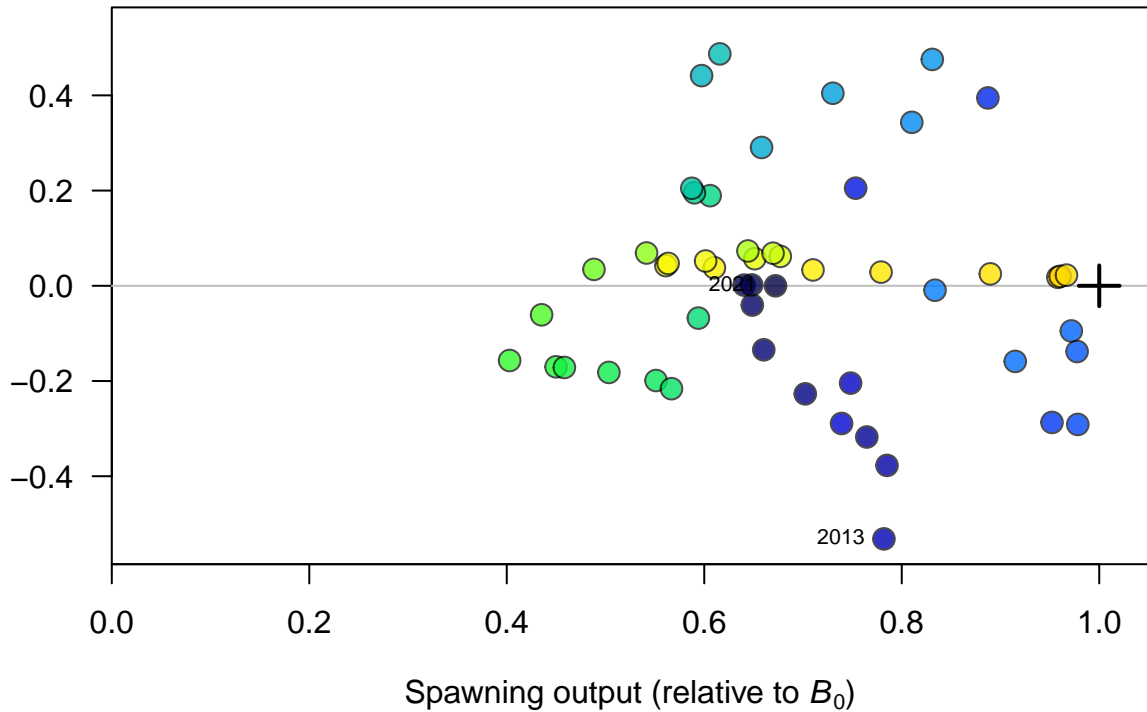


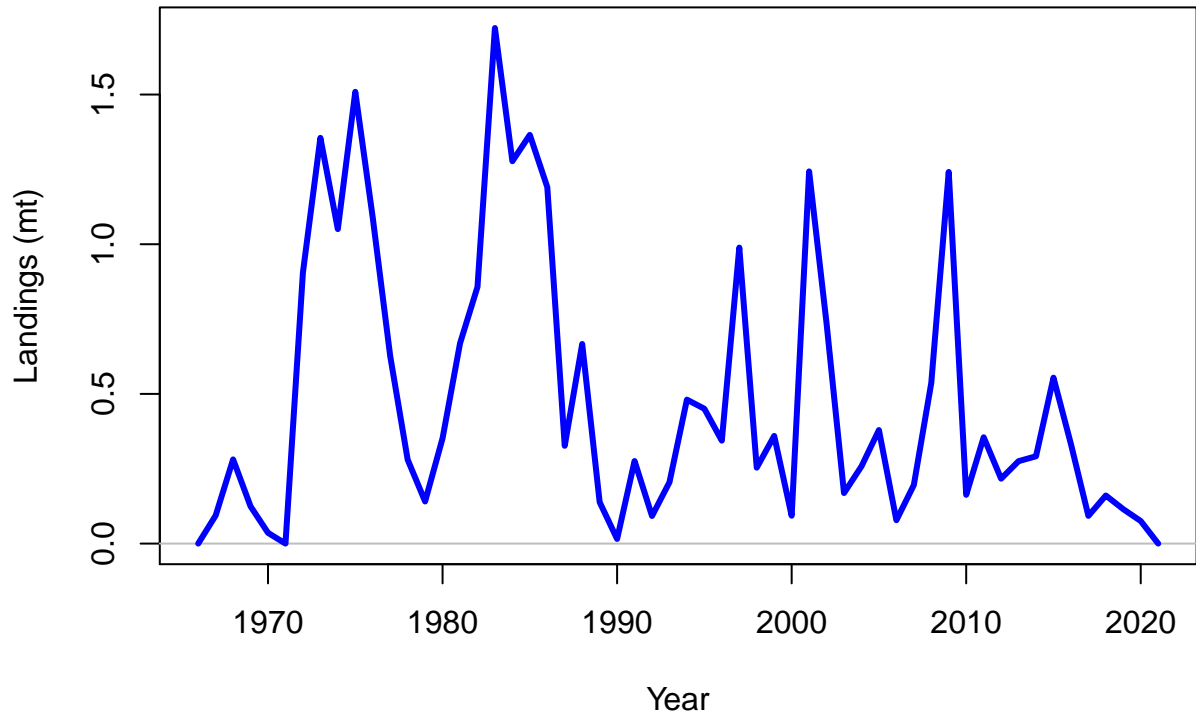


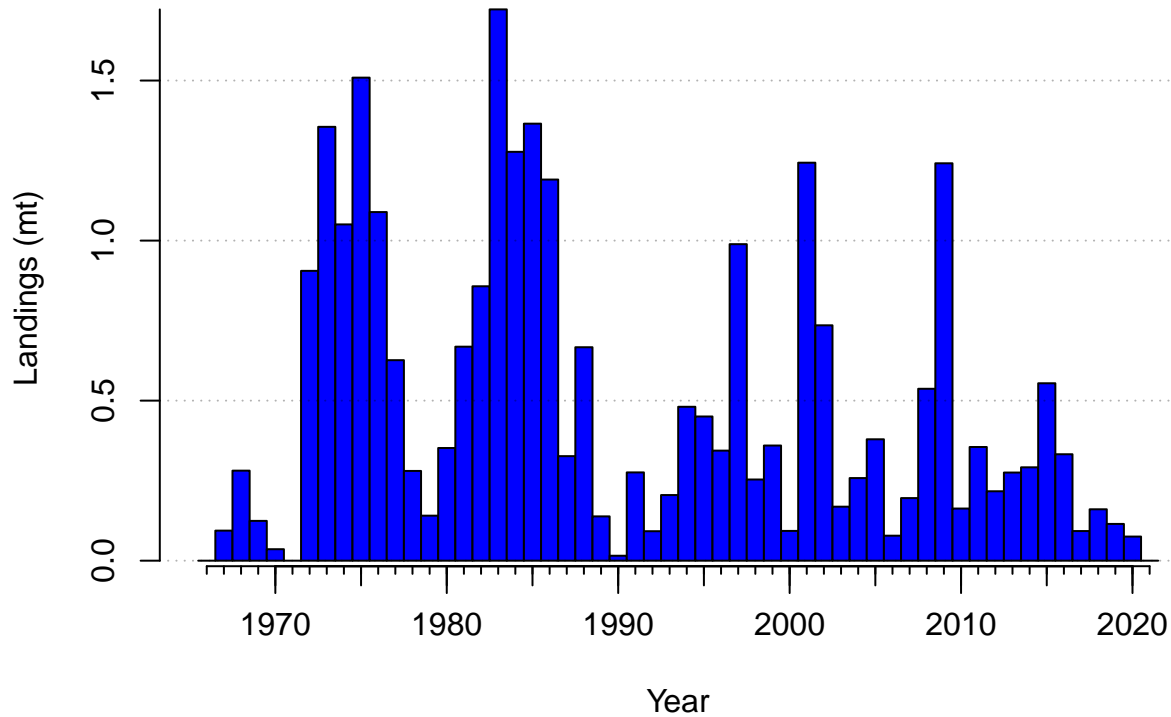


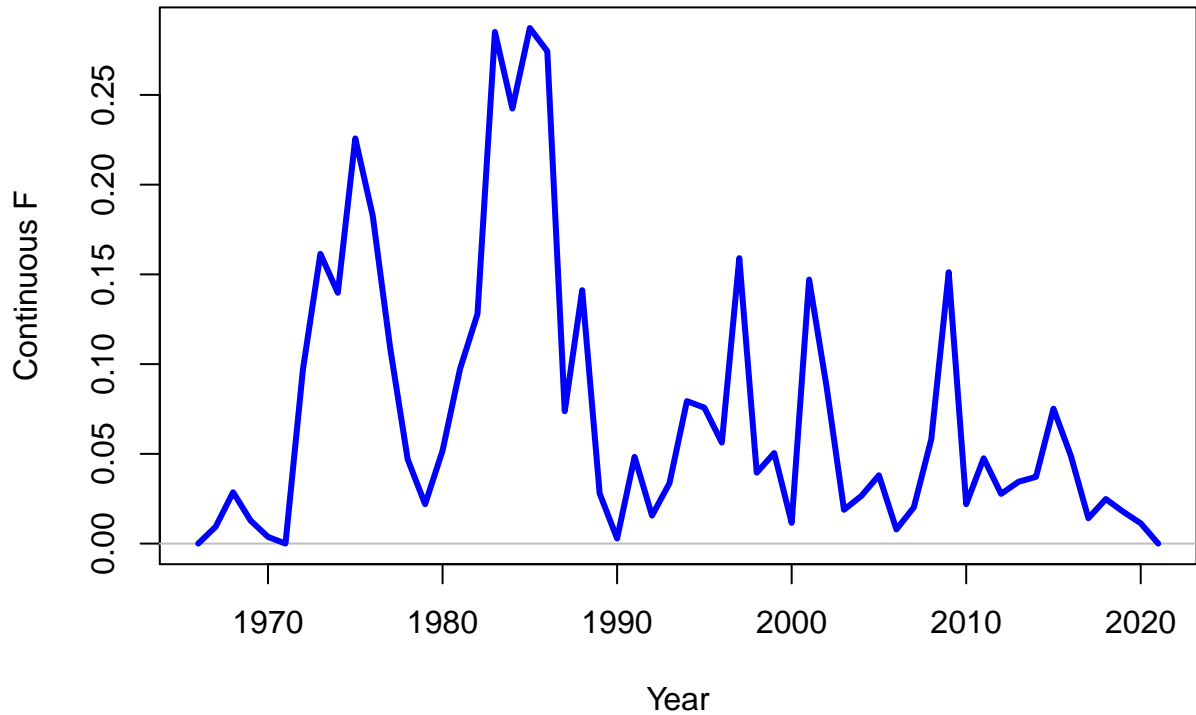


Log recruitment deviation

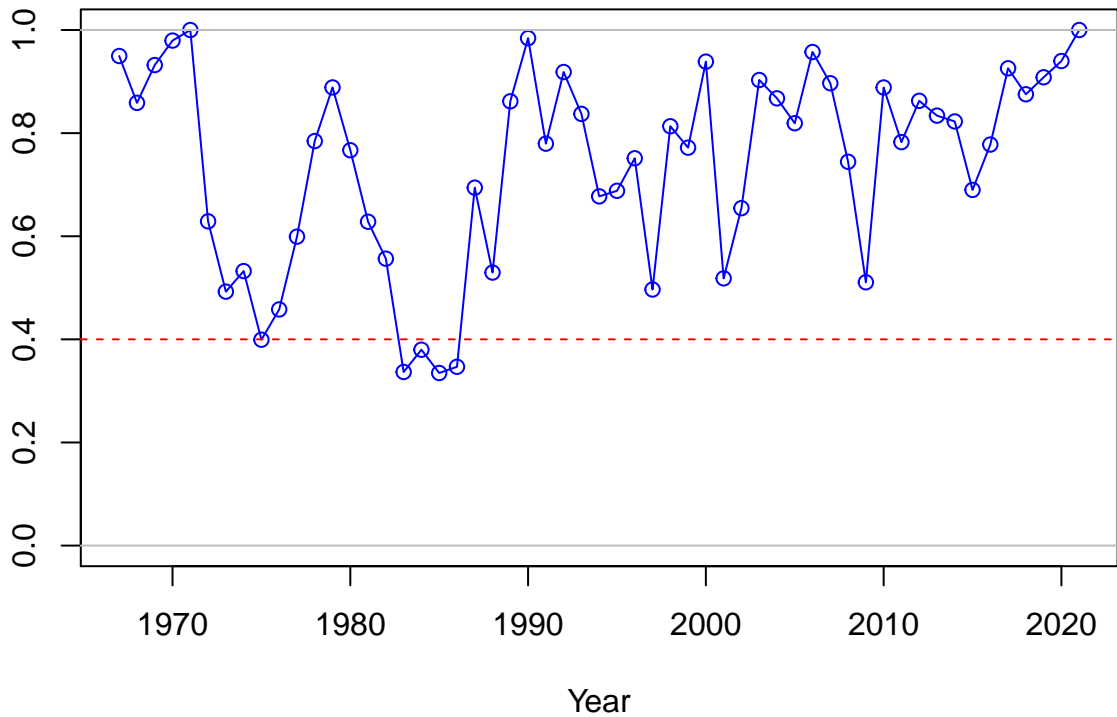


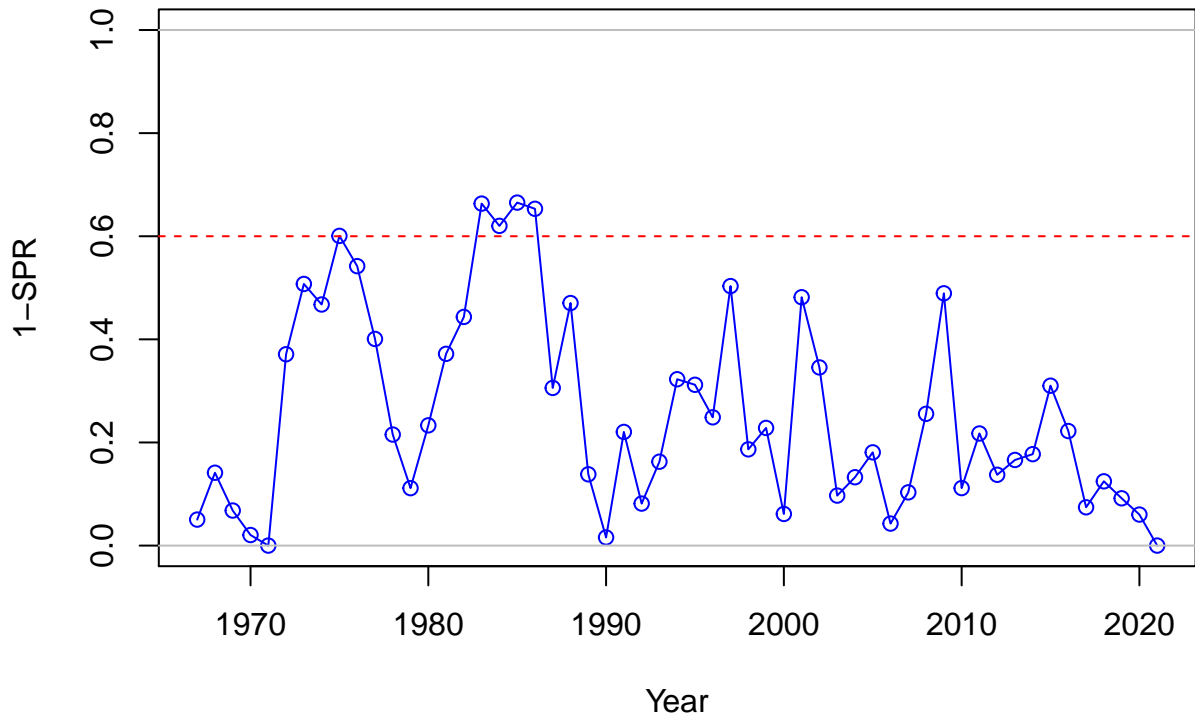




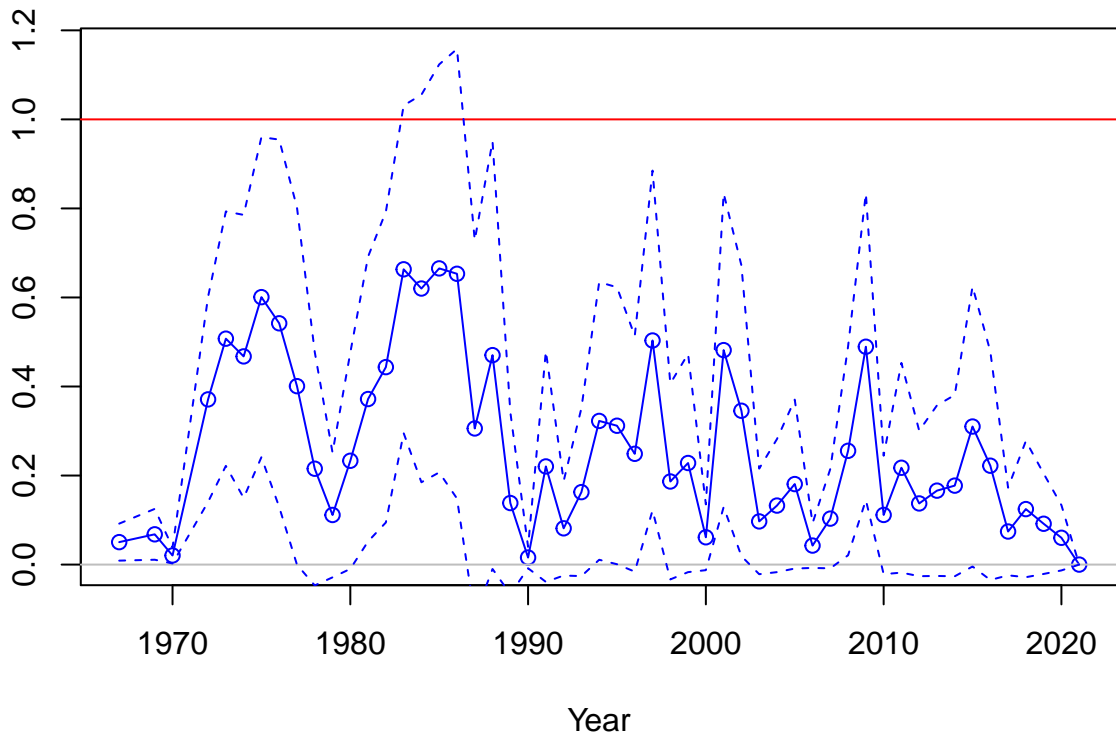


SPR

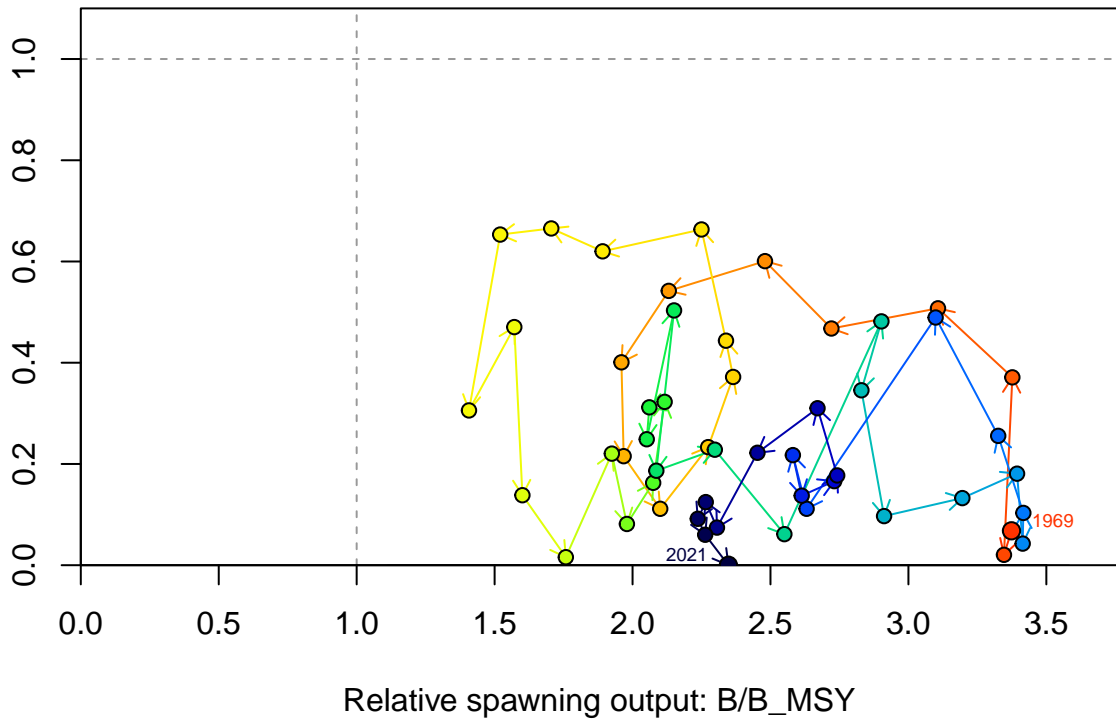


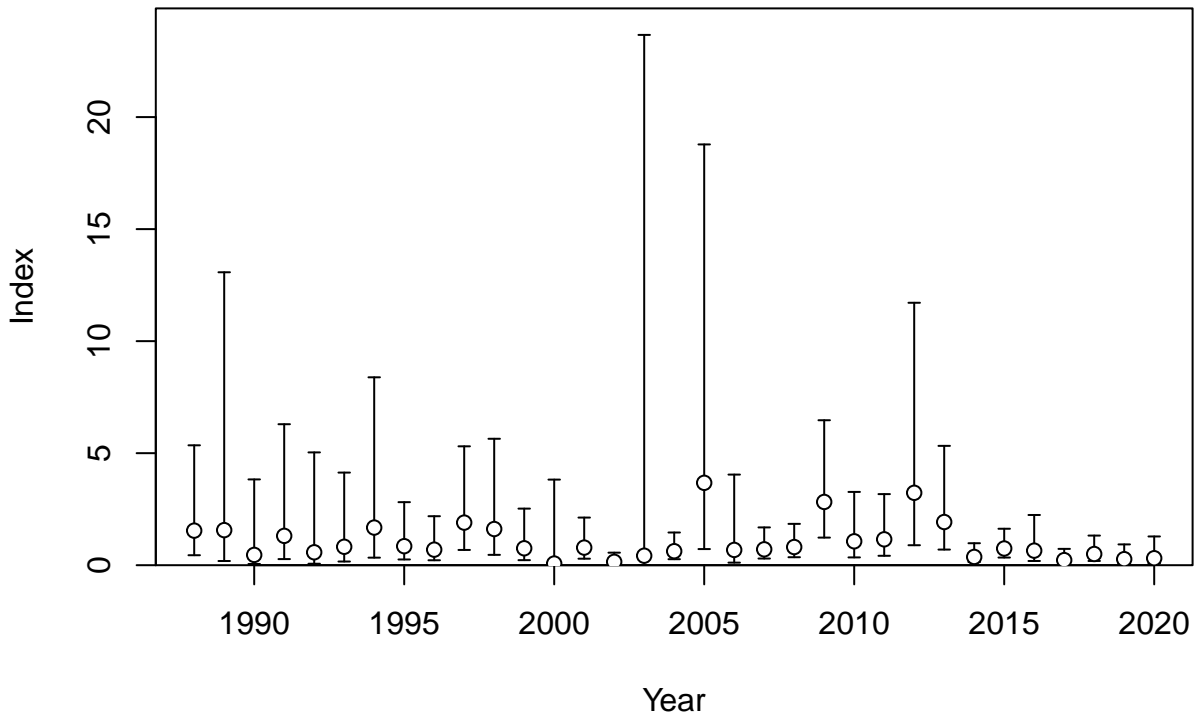


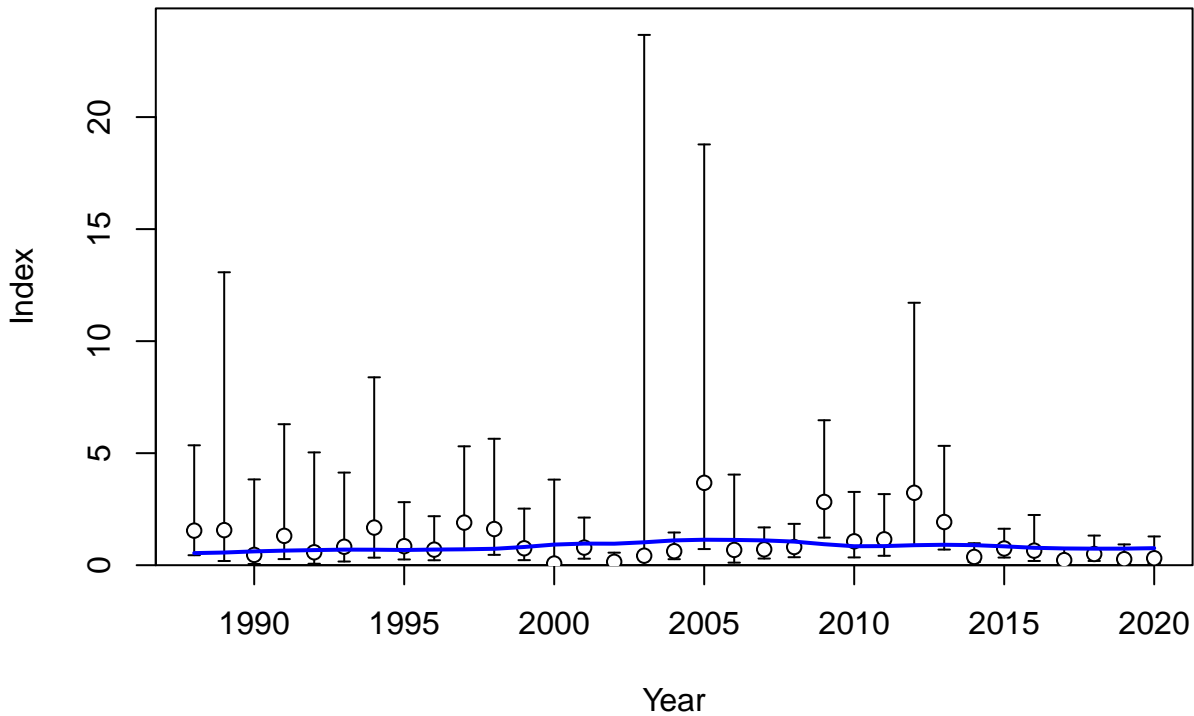
Fishing intensity: 1-SPR

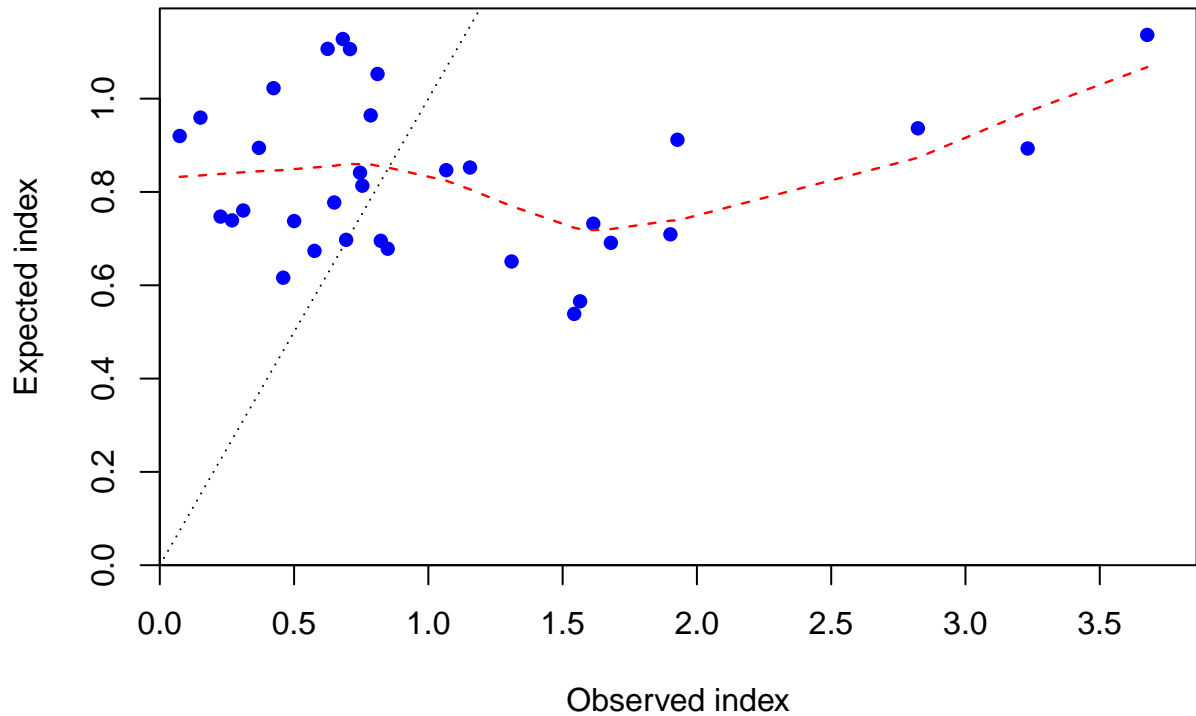


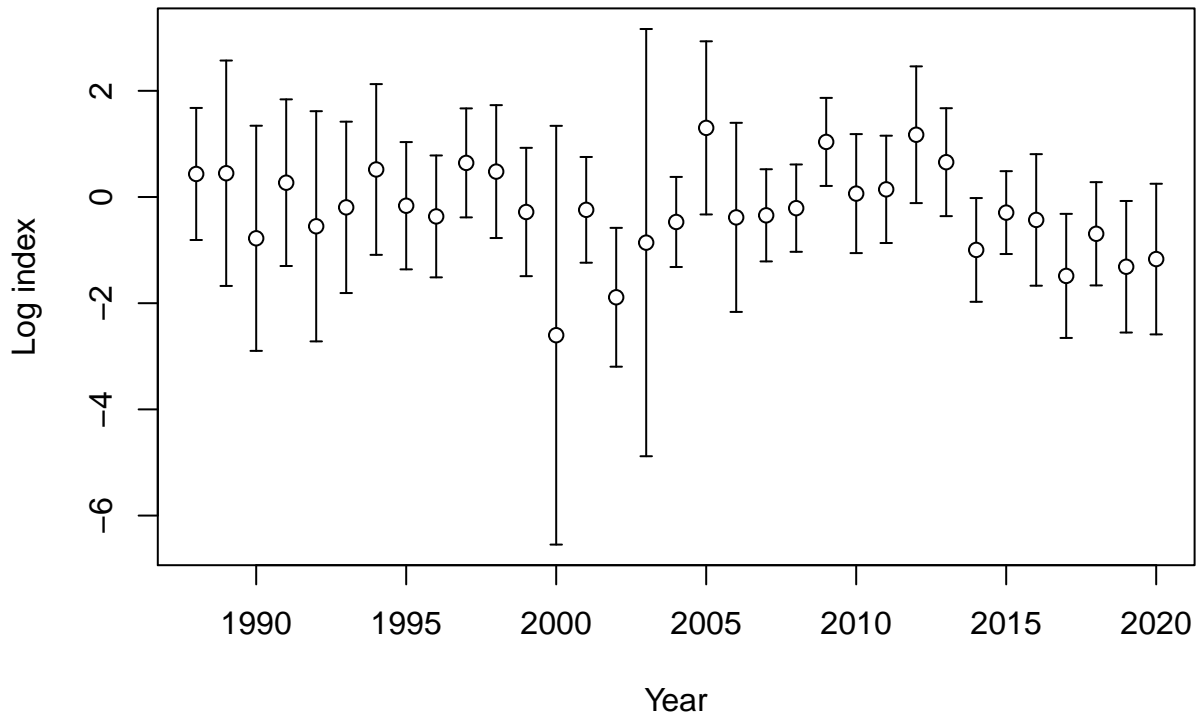
Fishing intensity: 1-SPR

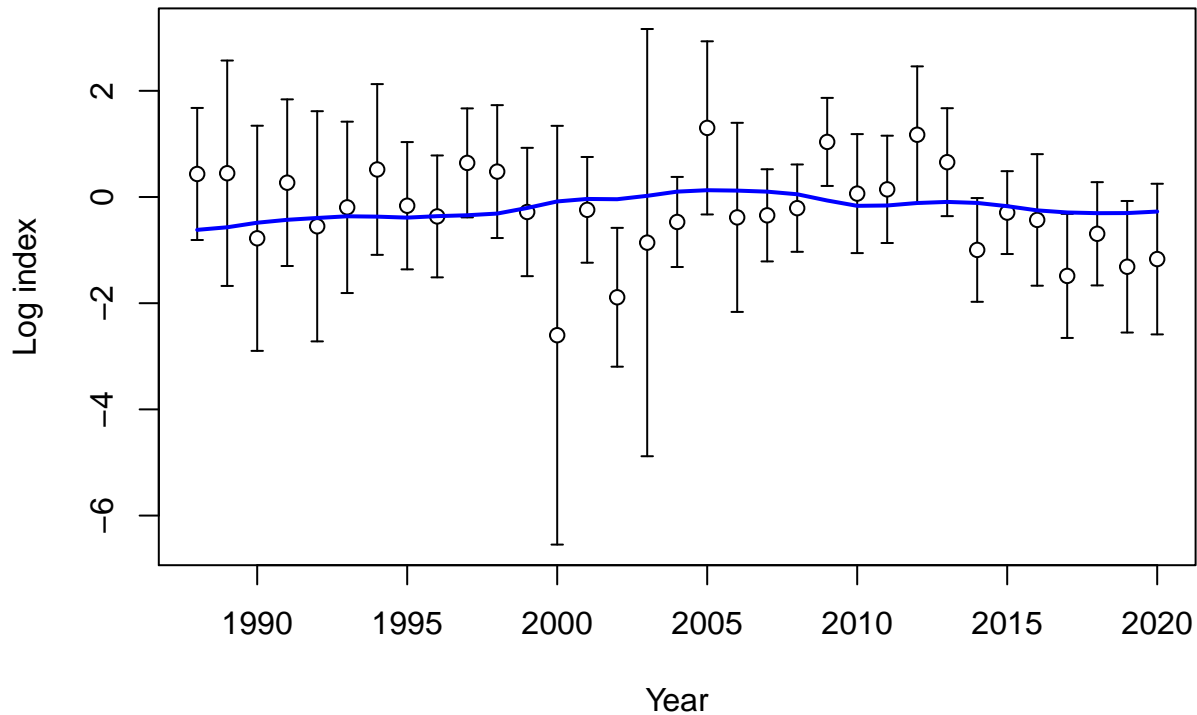


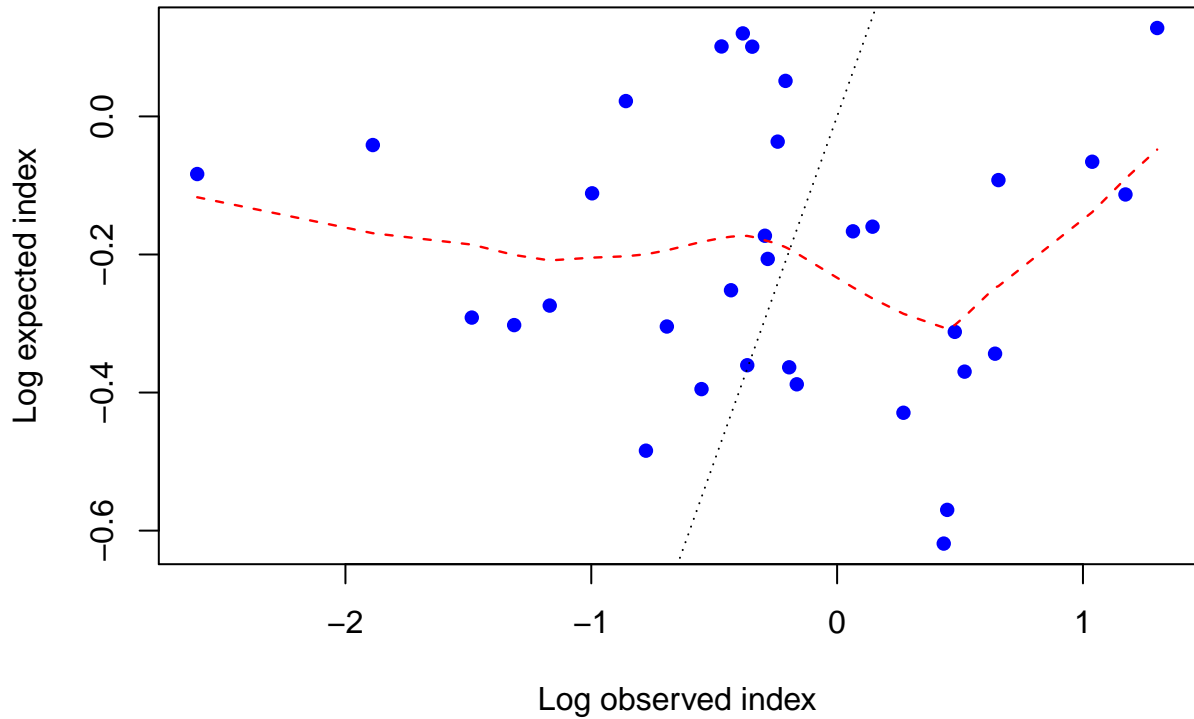


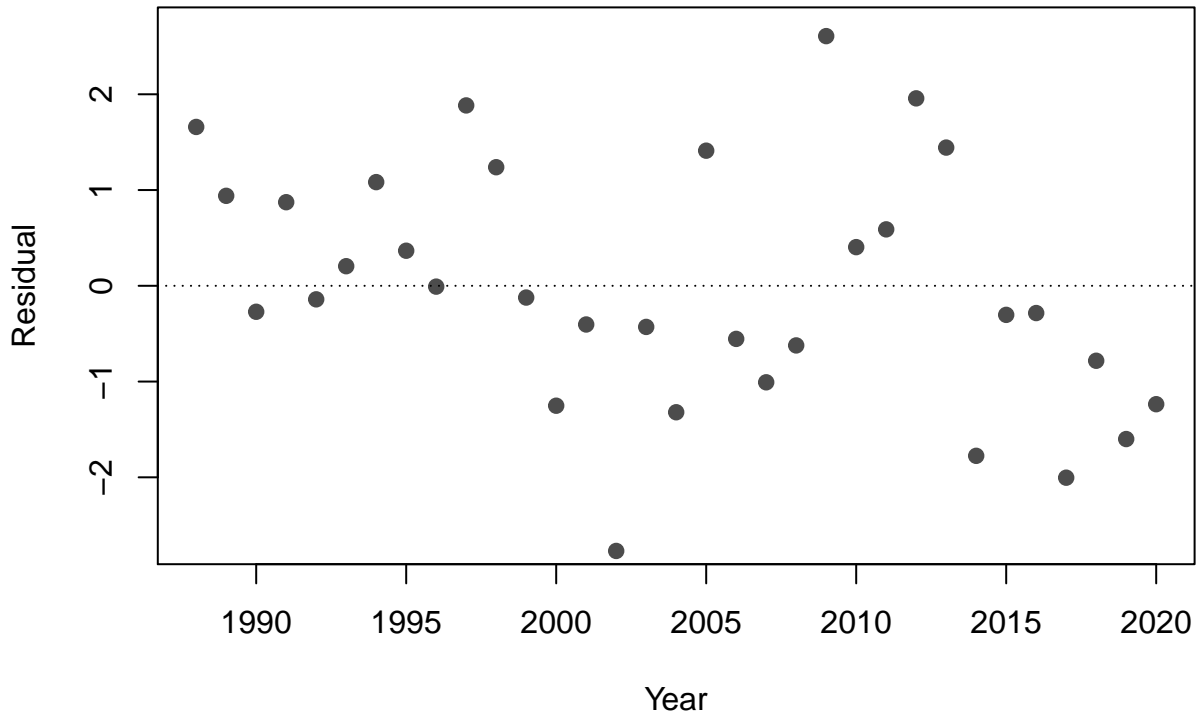


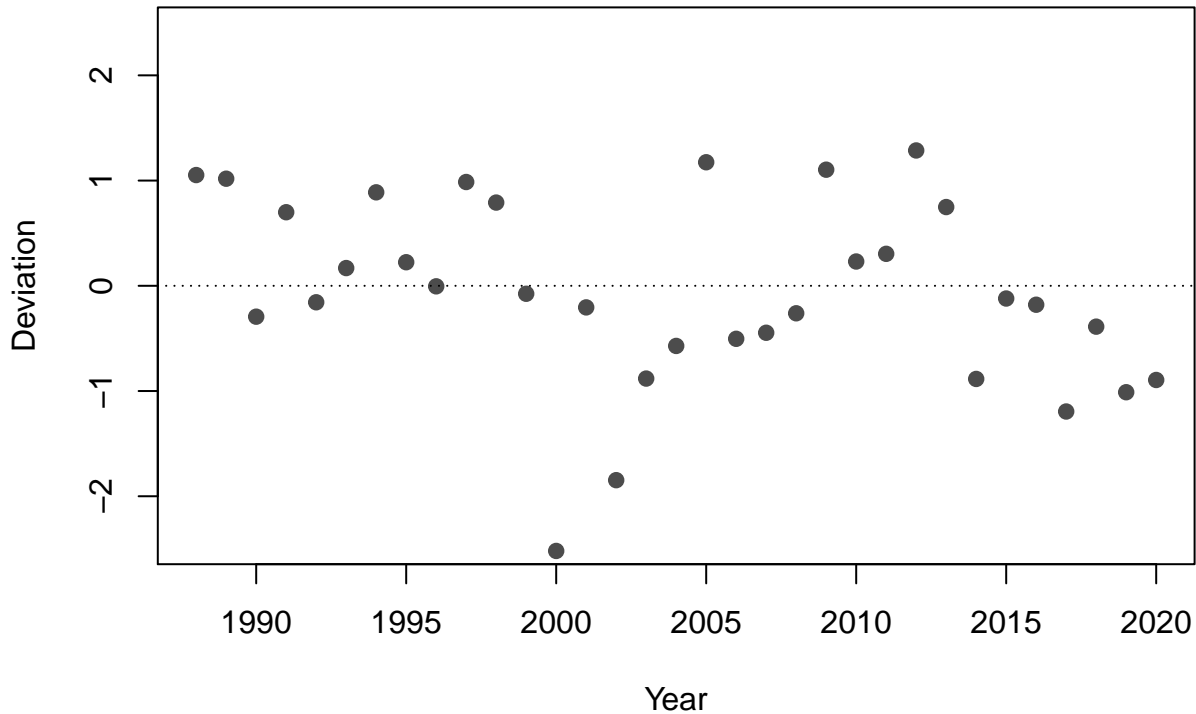


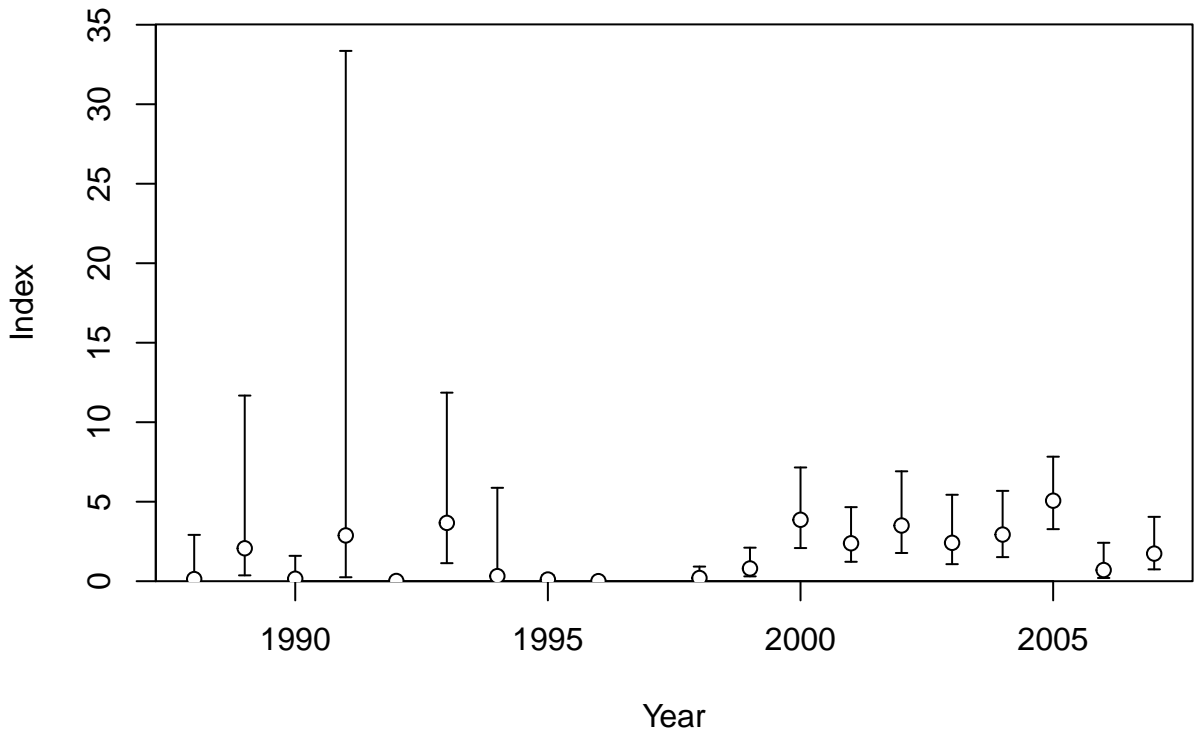


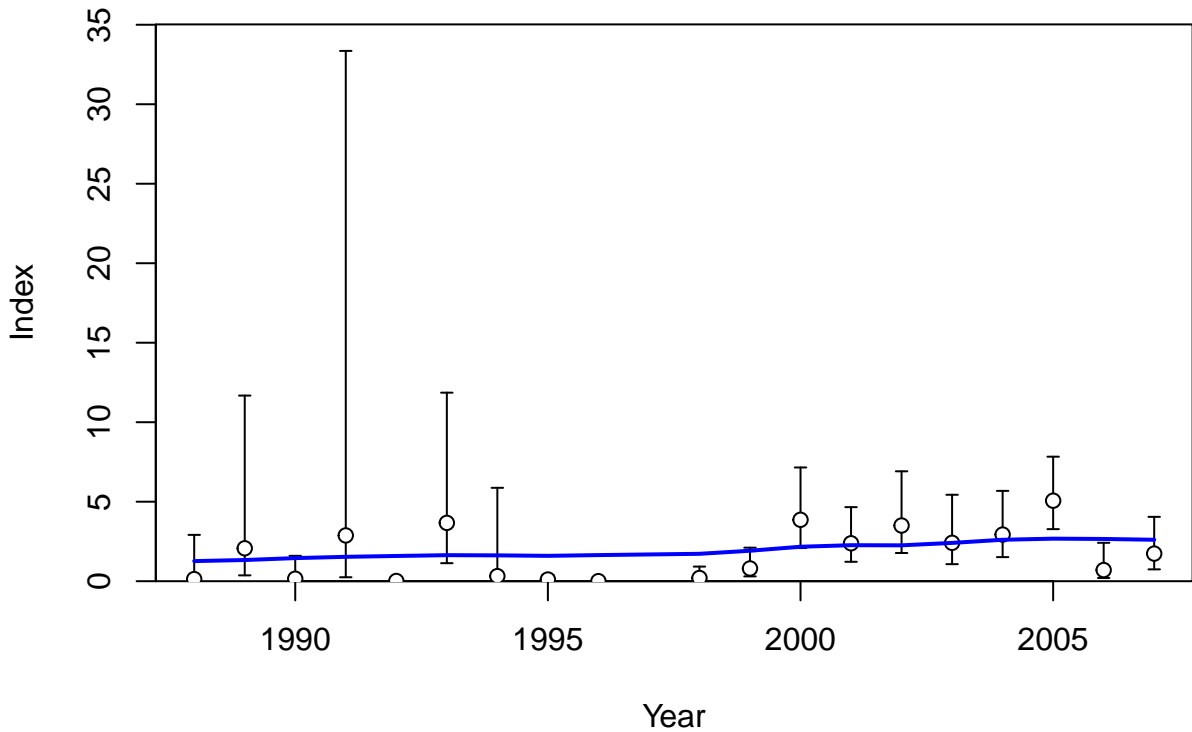


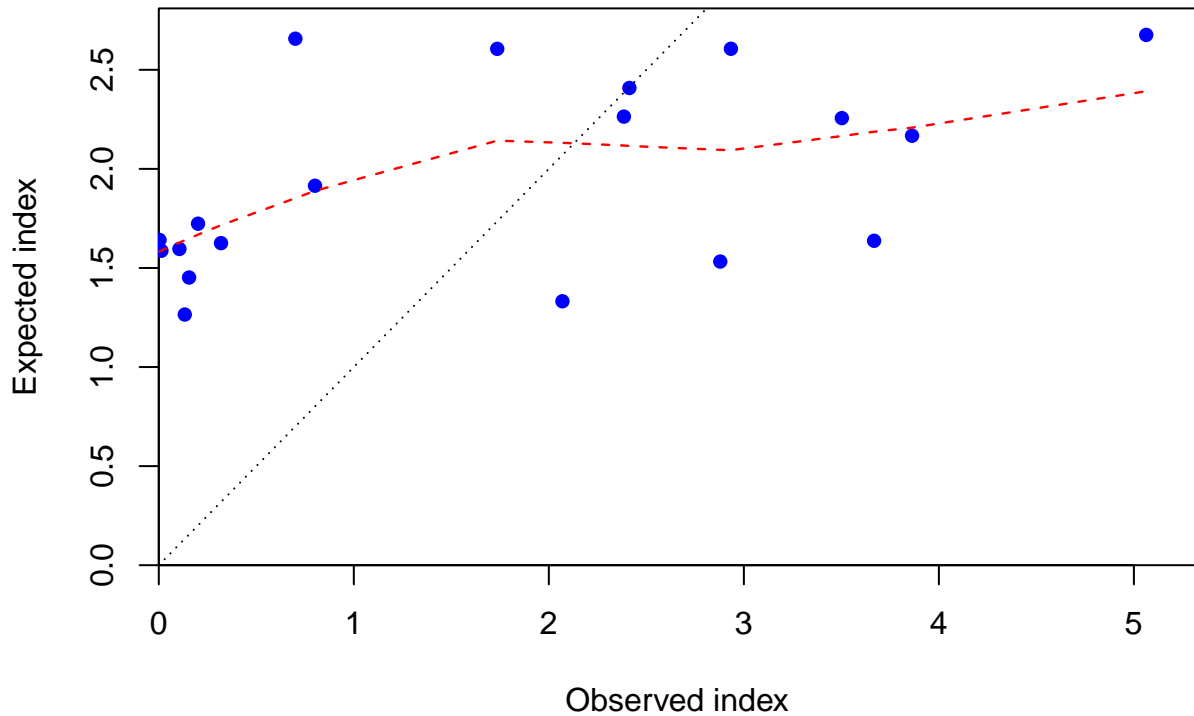


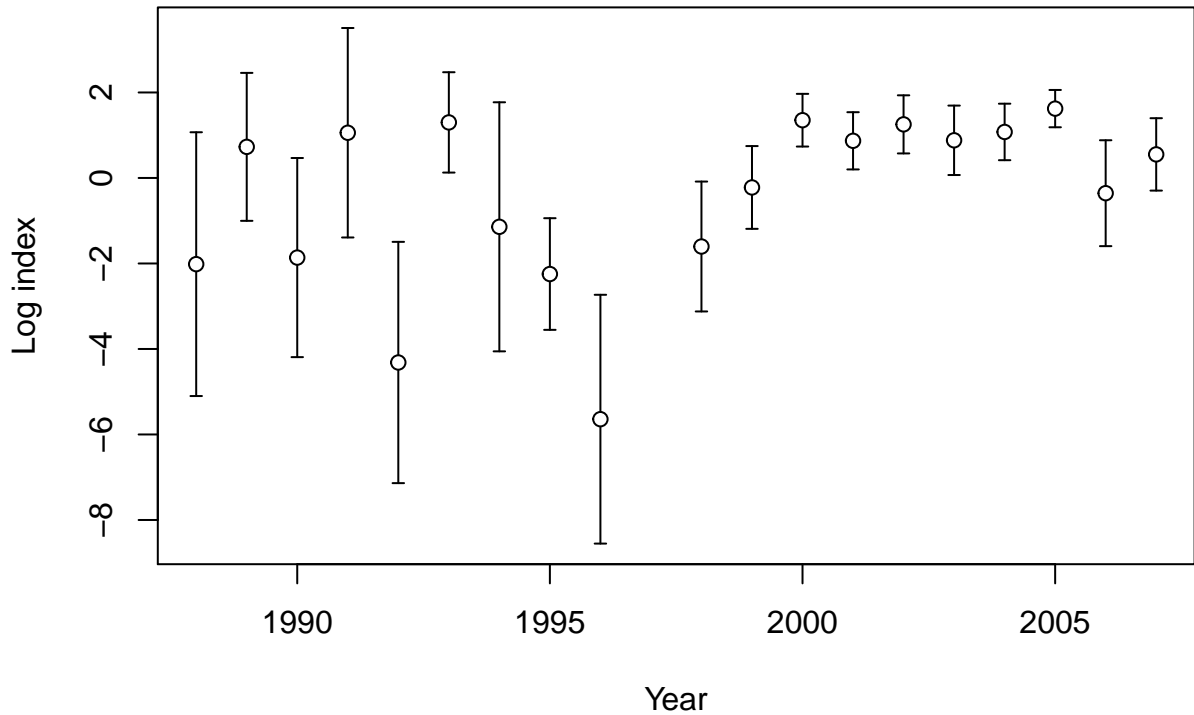












Log index

2
0
-2
-4
-6
-8

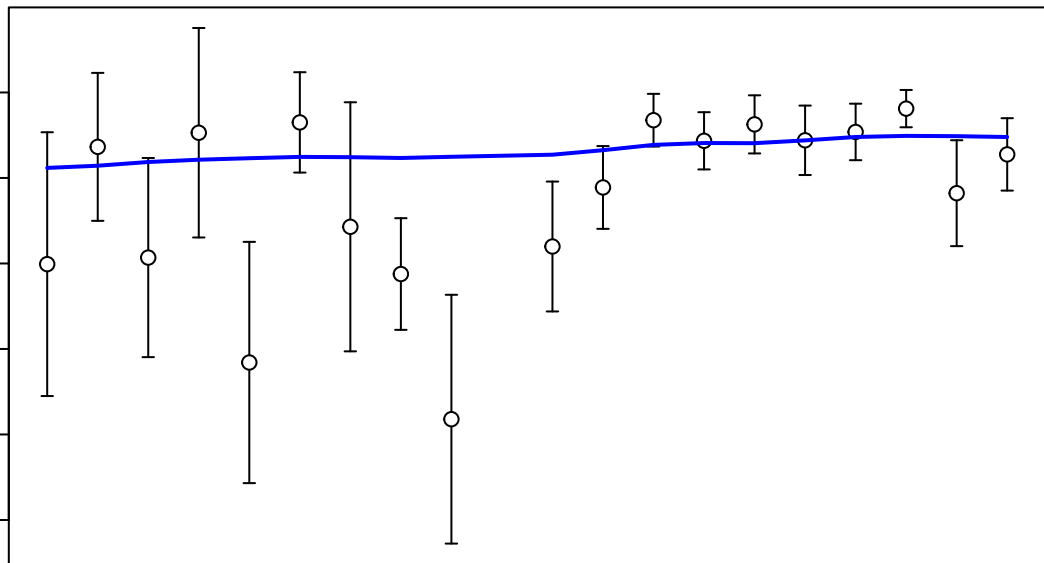
1990

1995

2000

2005

Year



Log expected index

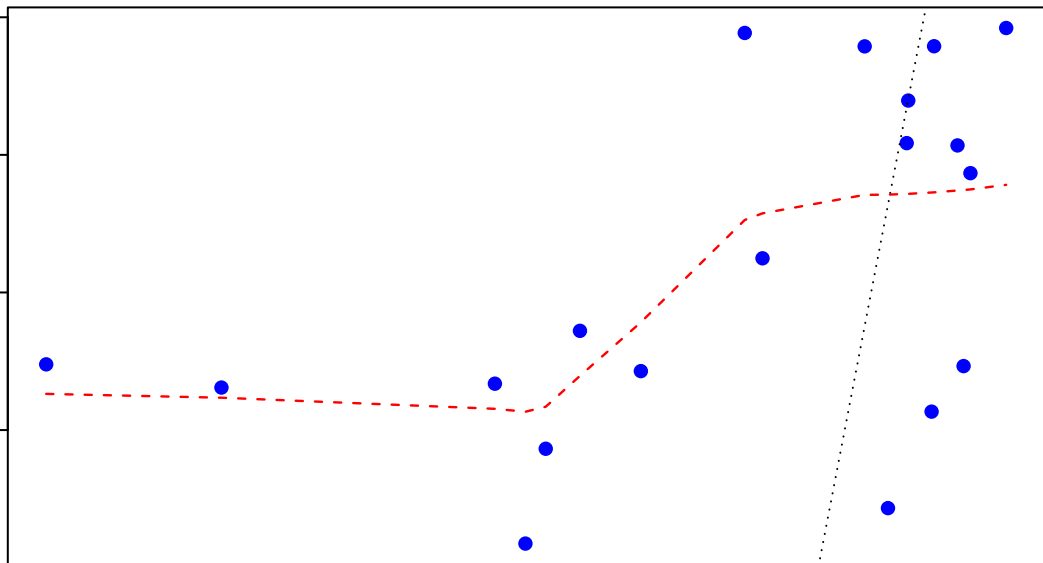
1.0
0.8
0.6
0.4

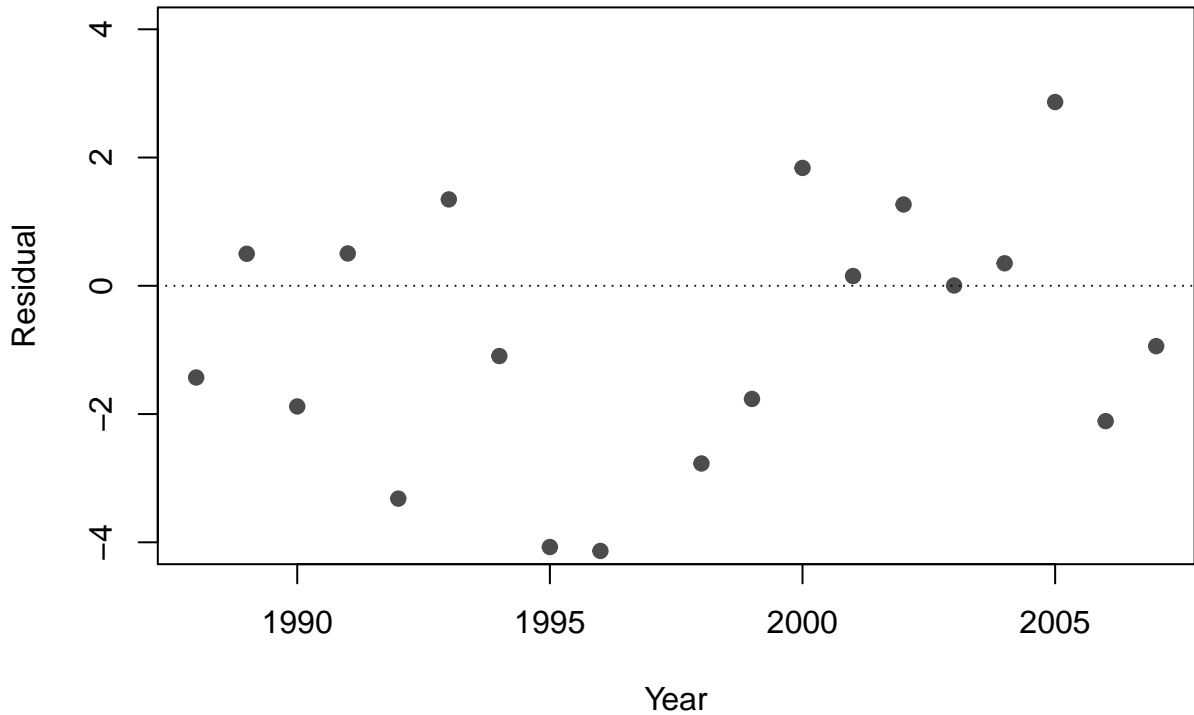
-4

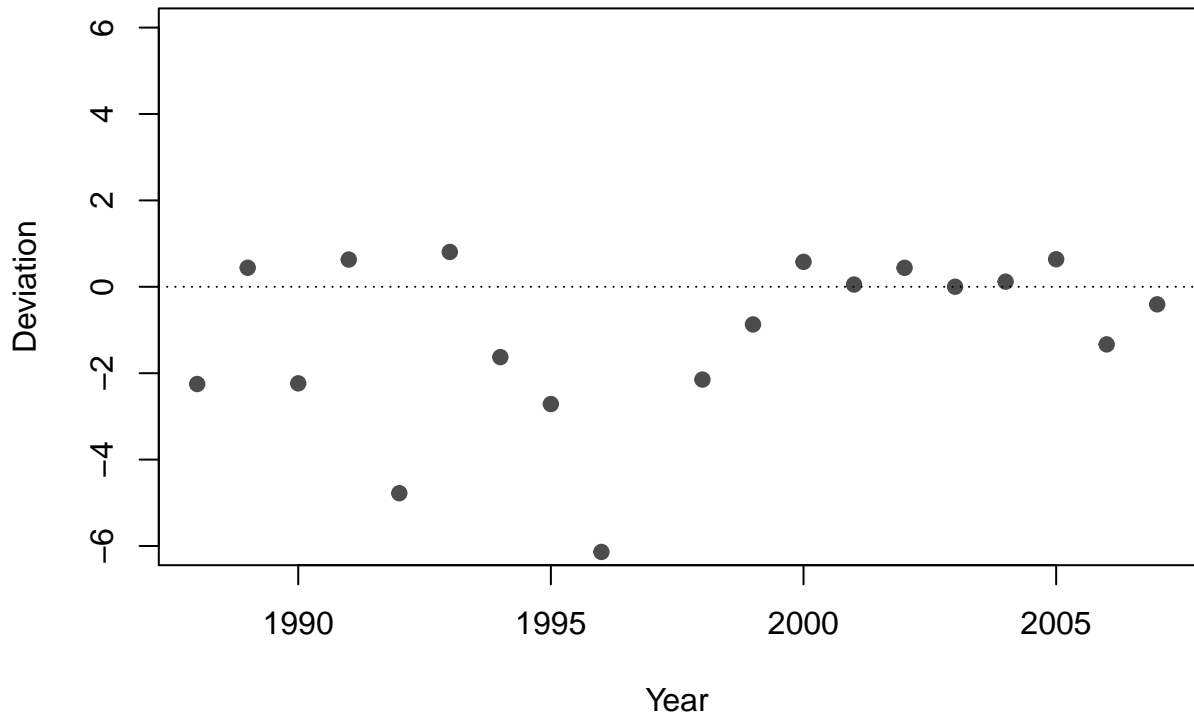
-2

0

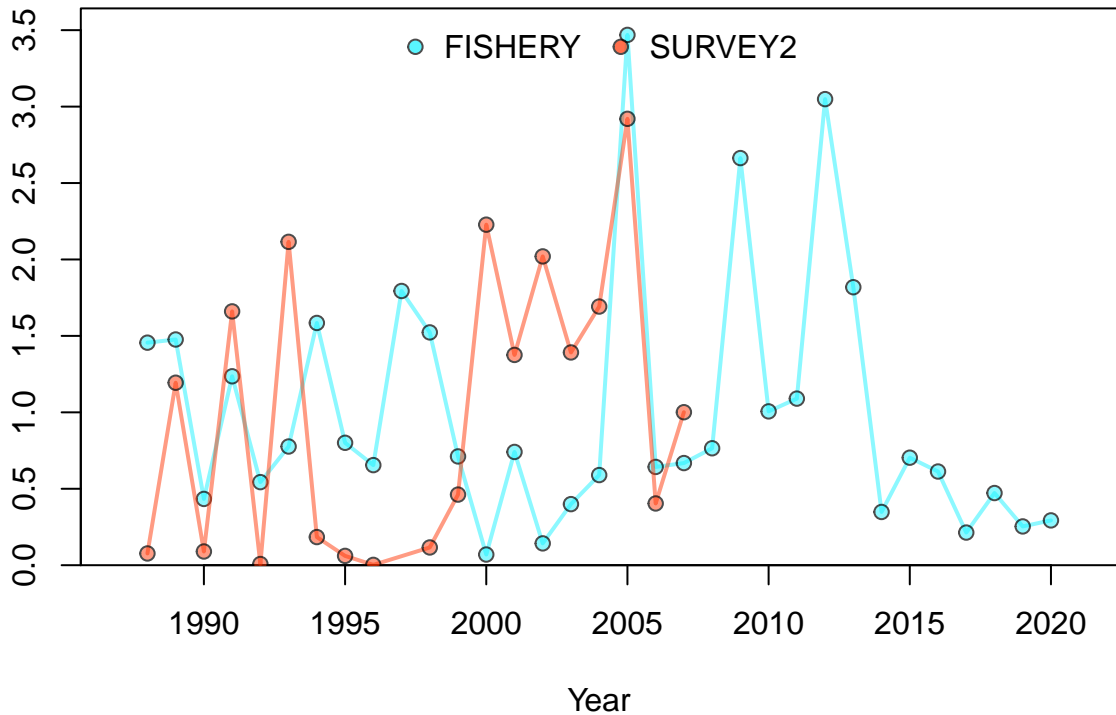
Log observed index

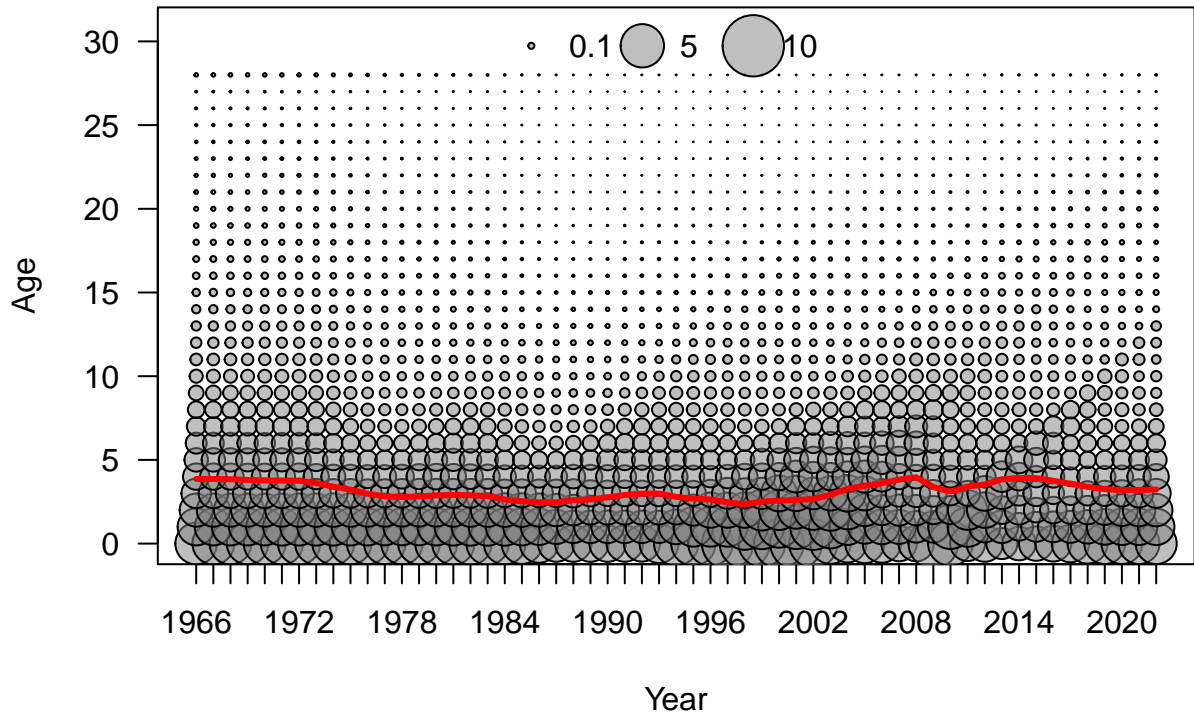


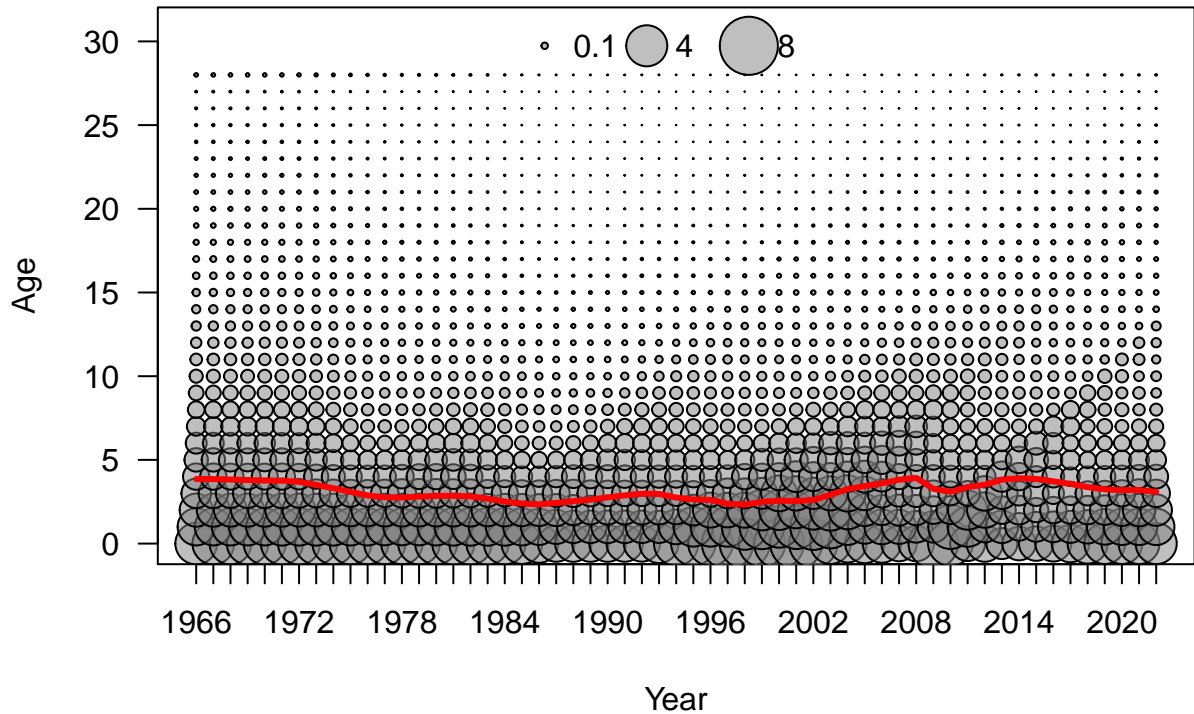


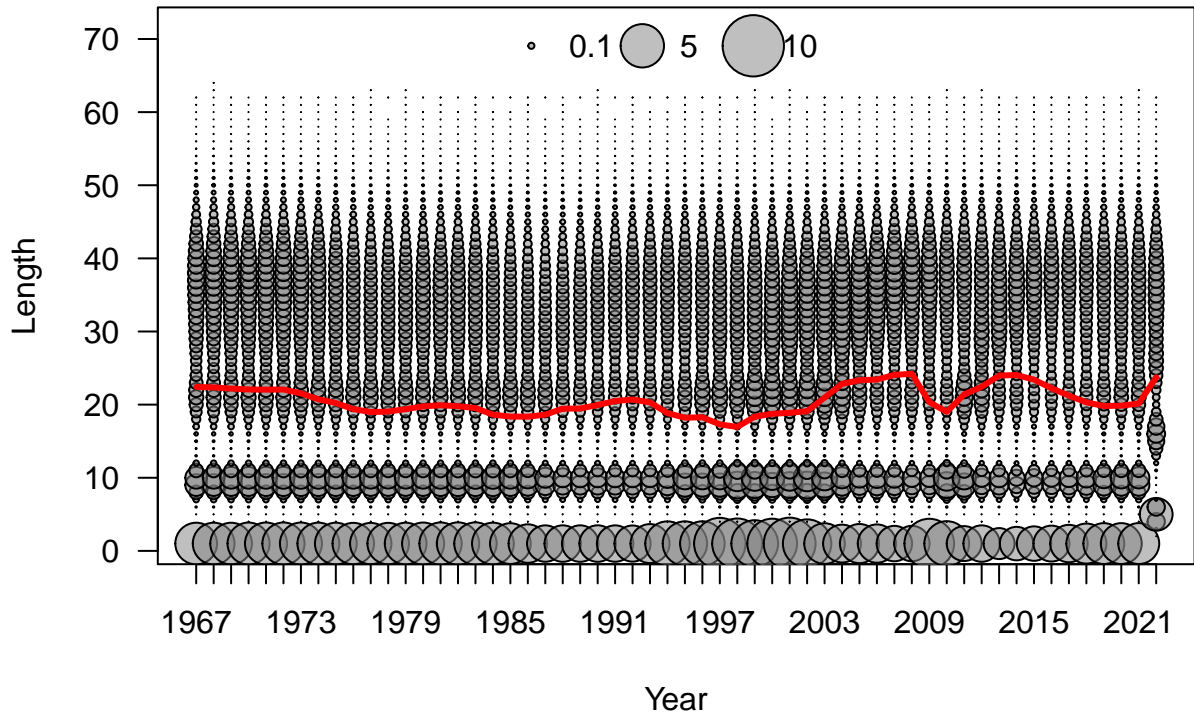


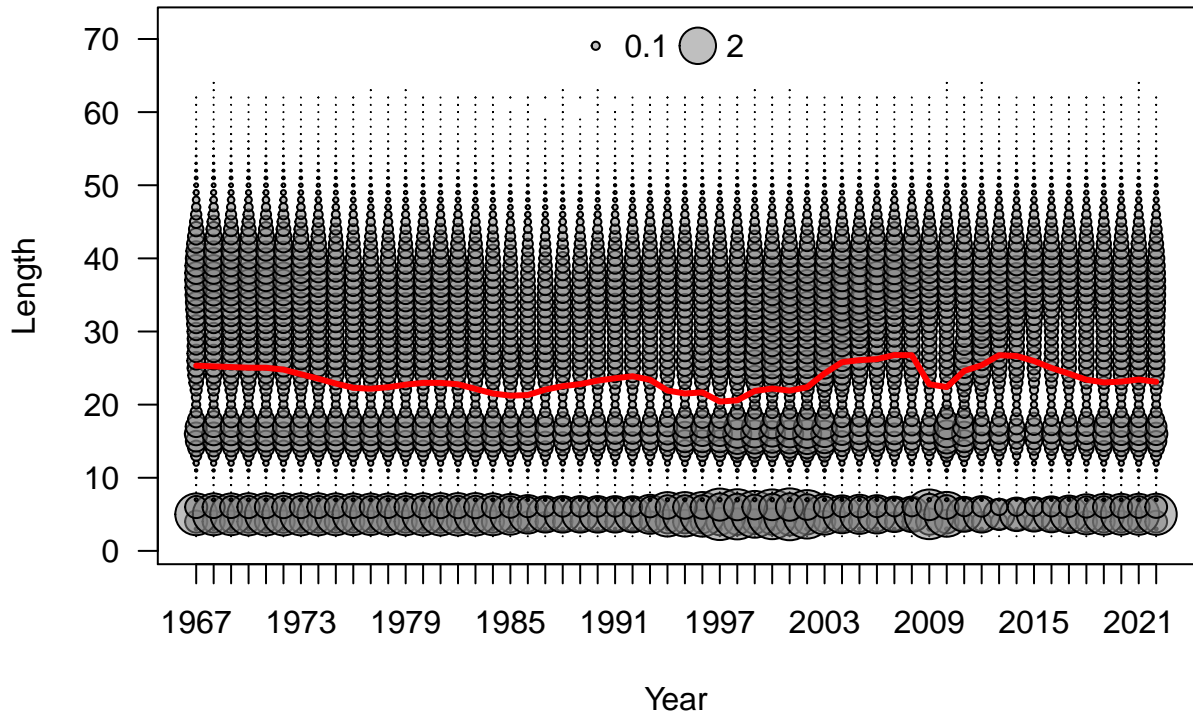
Standardized index

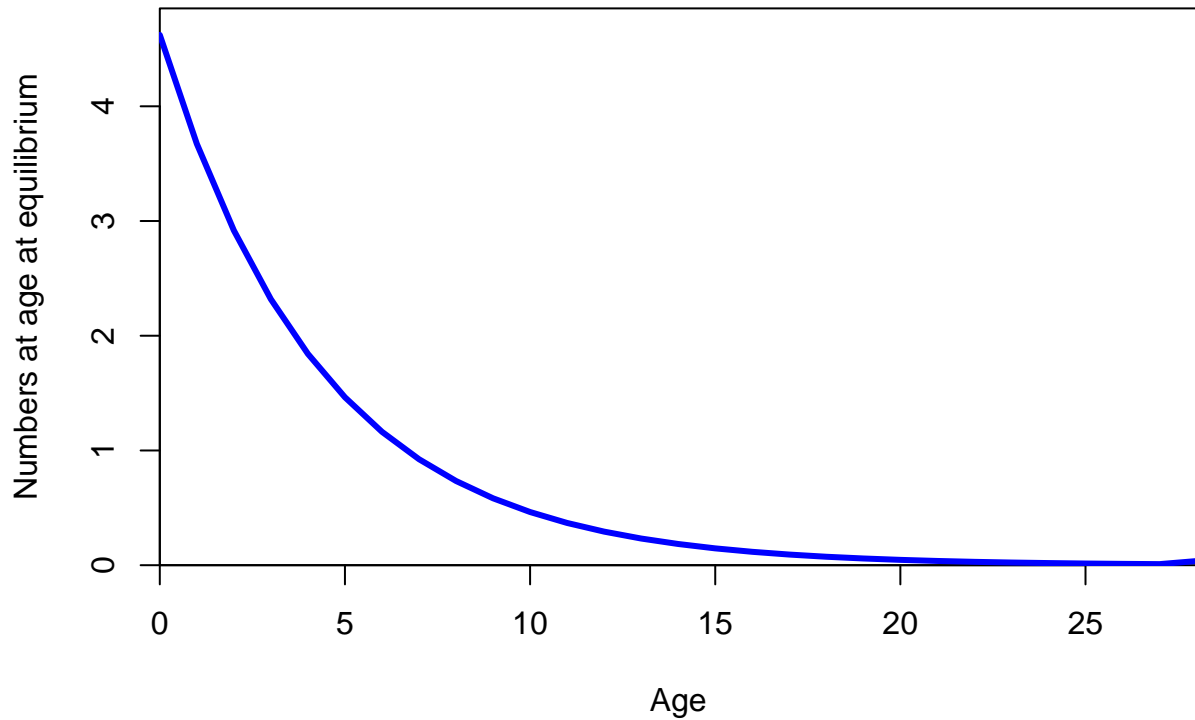


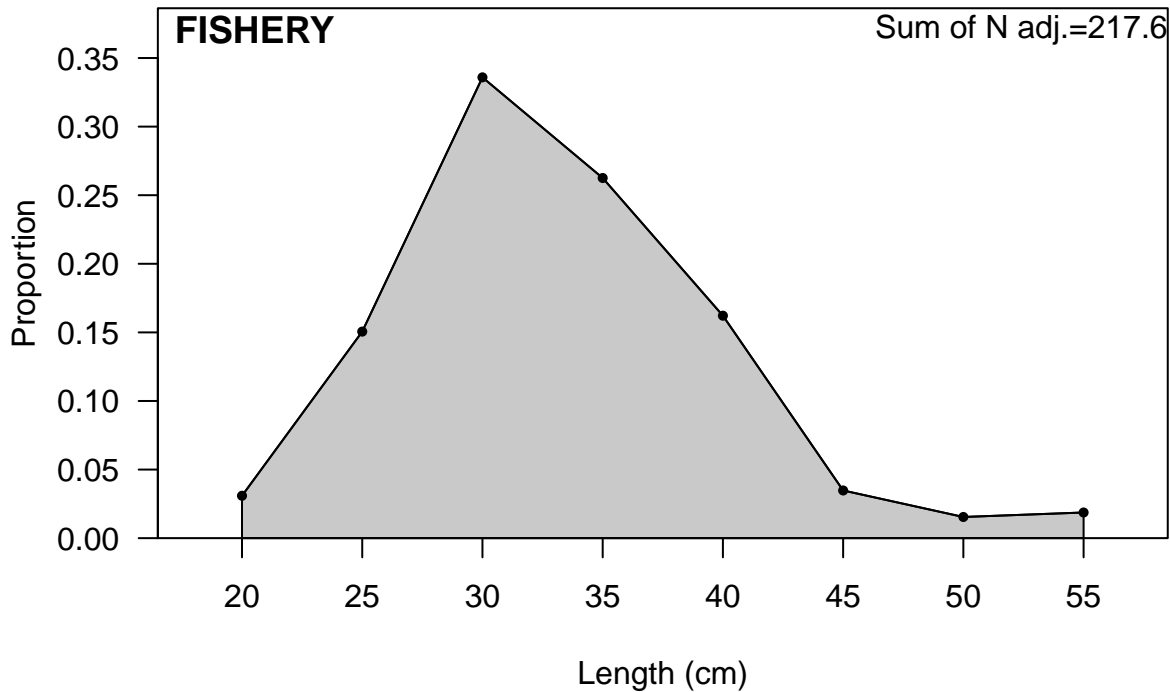


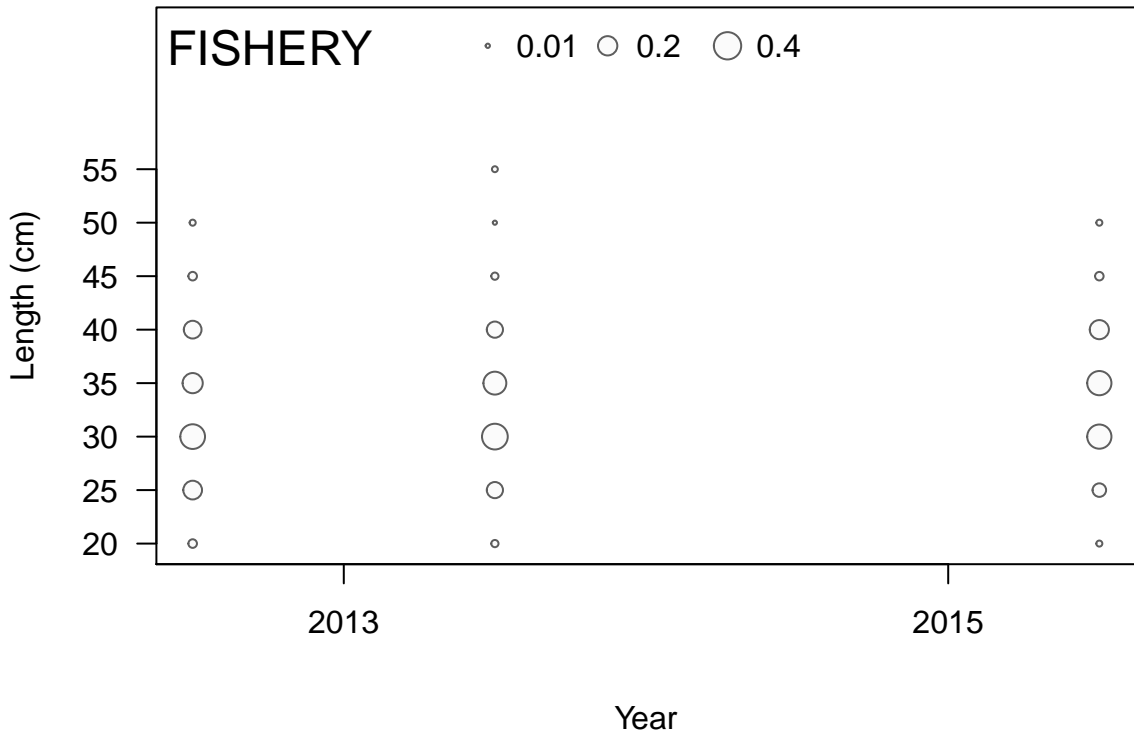


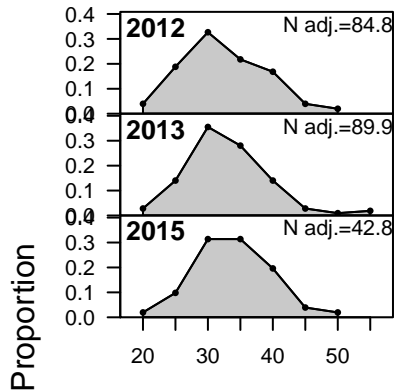




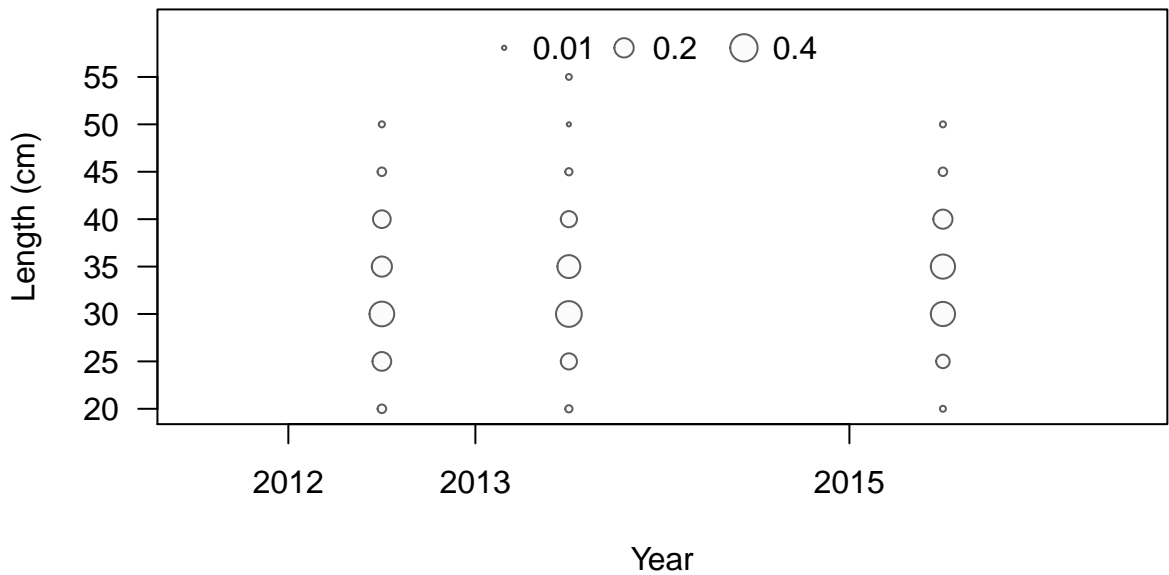




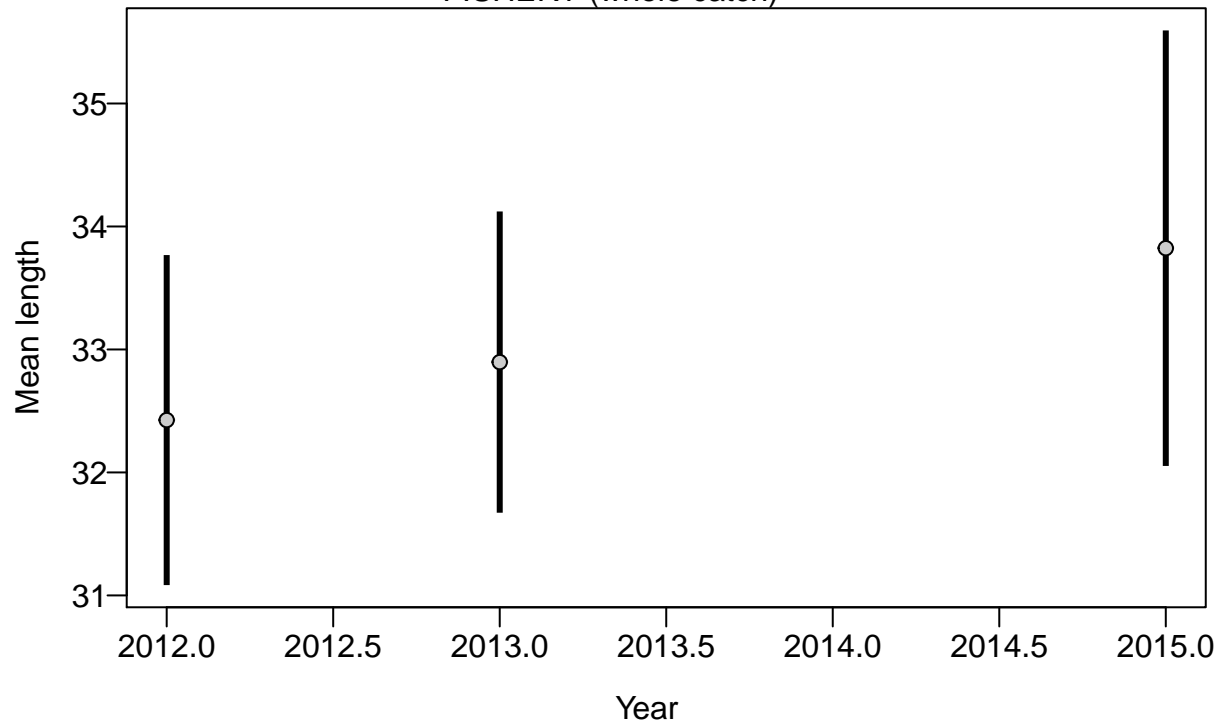


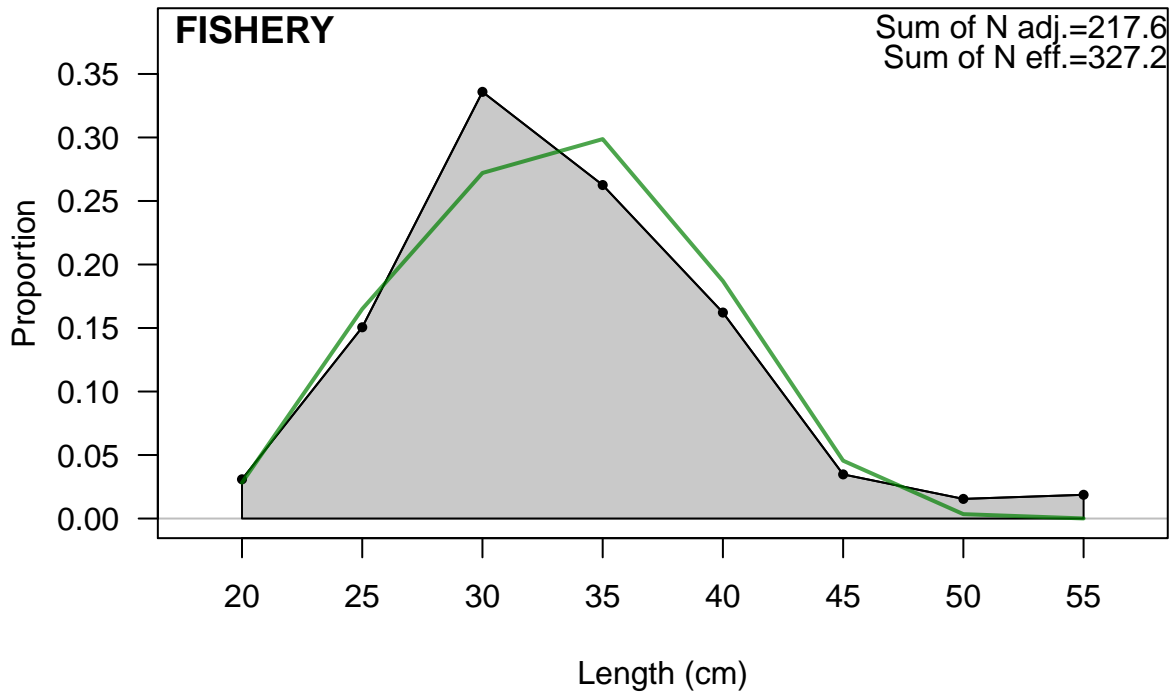


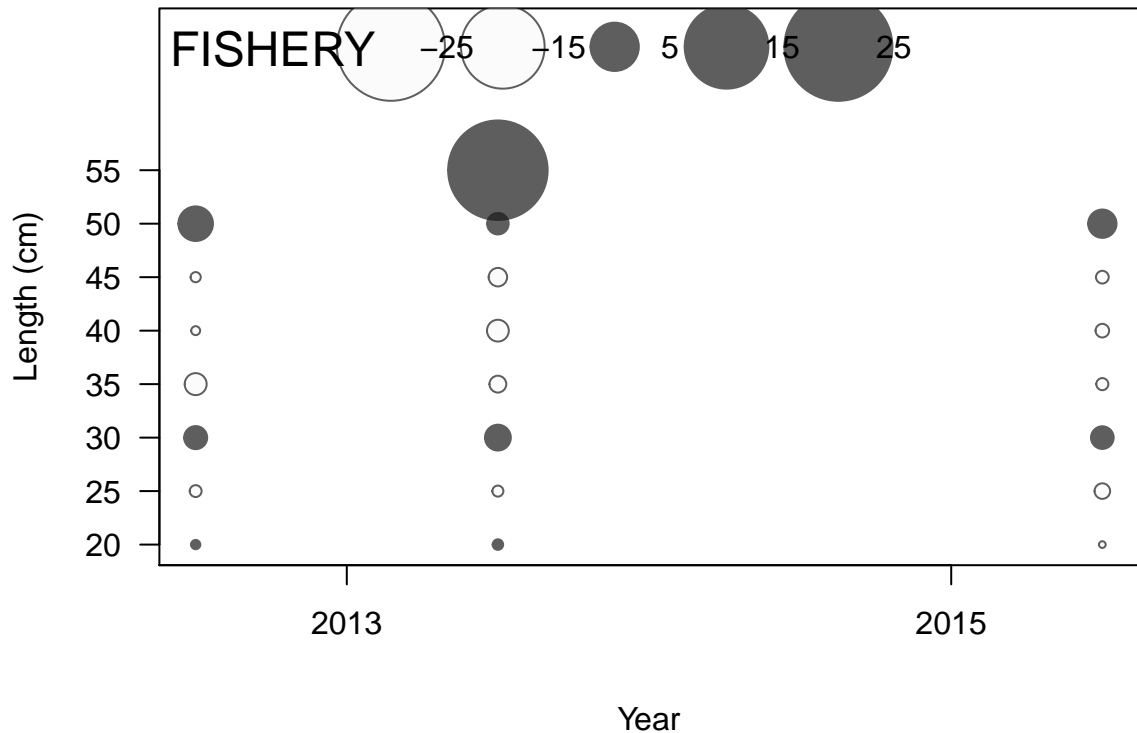
Length (cm)



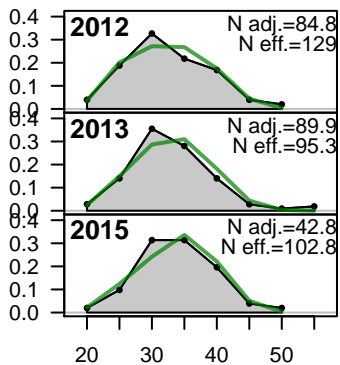
FISHERY (whole catch)



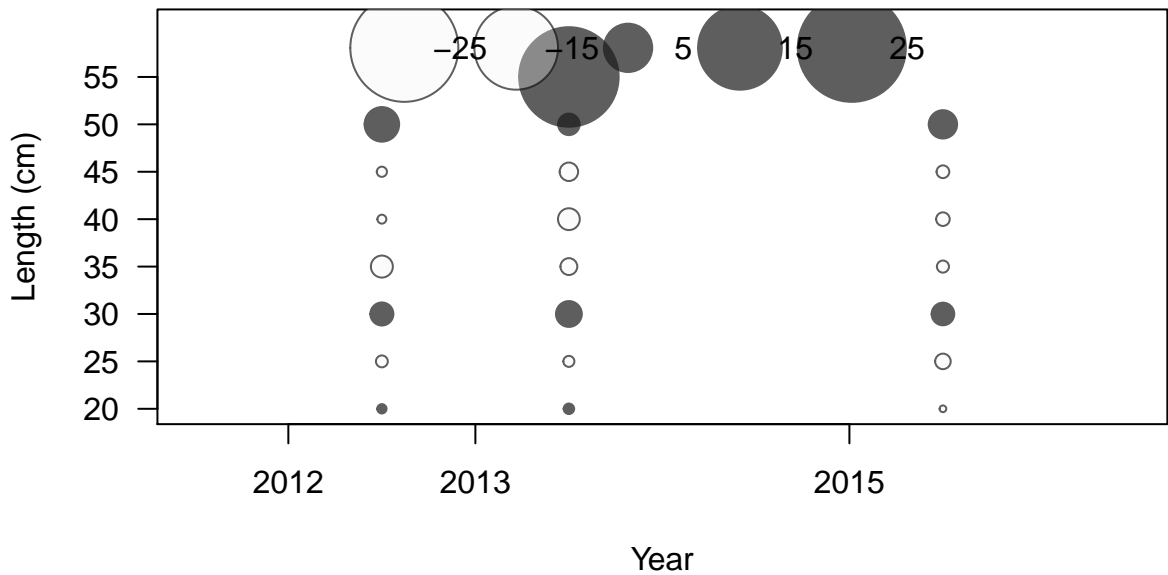


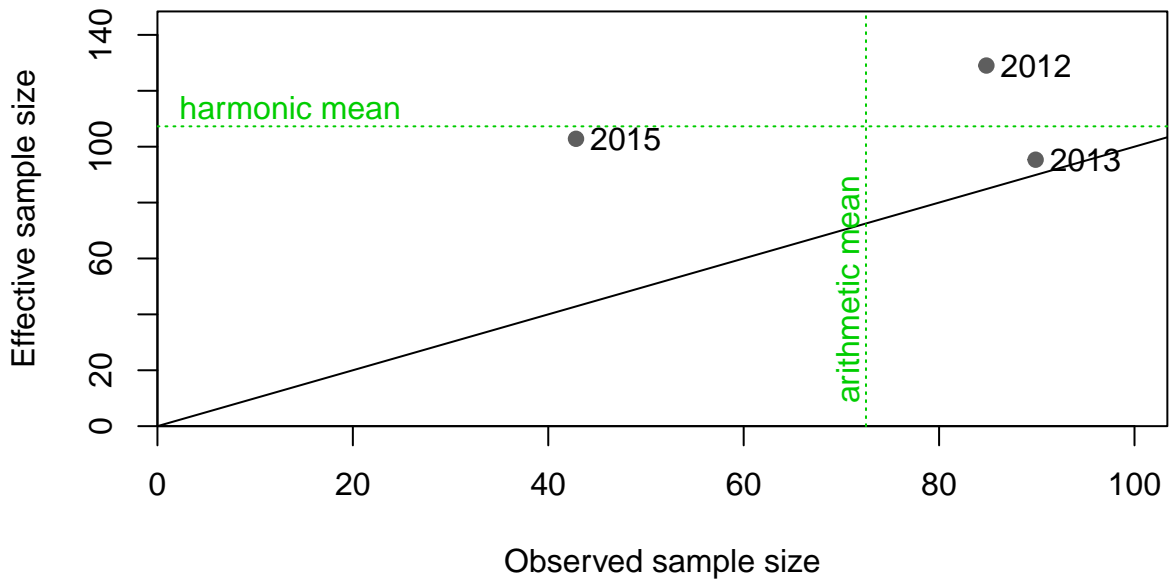


Proportion

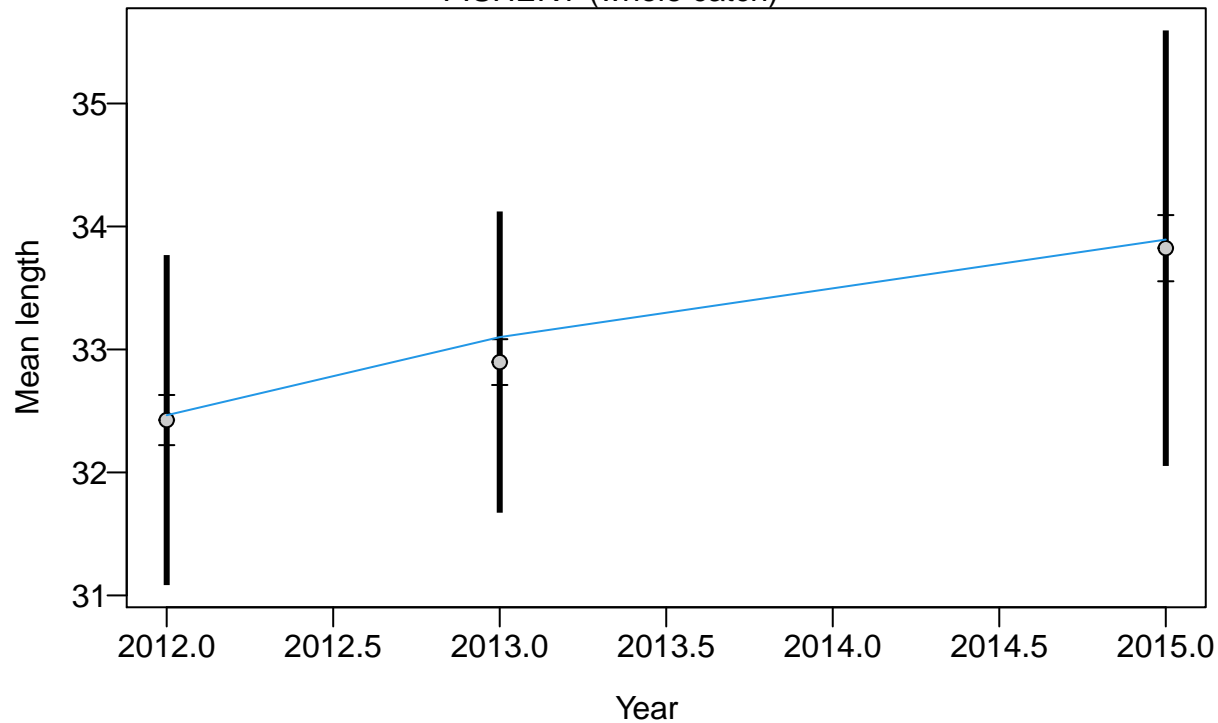


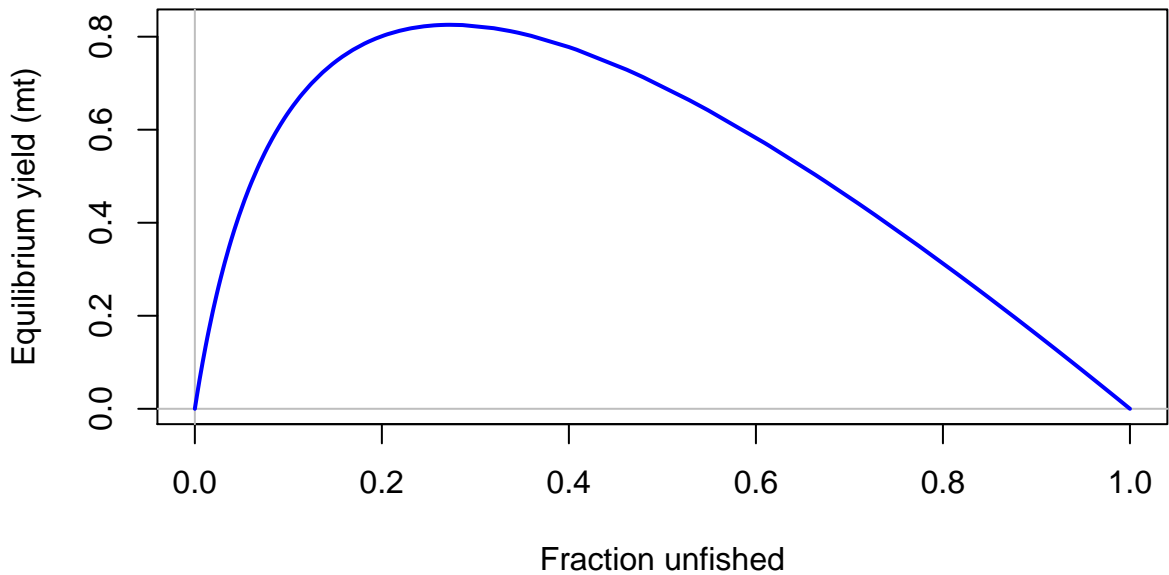
Length (cm)

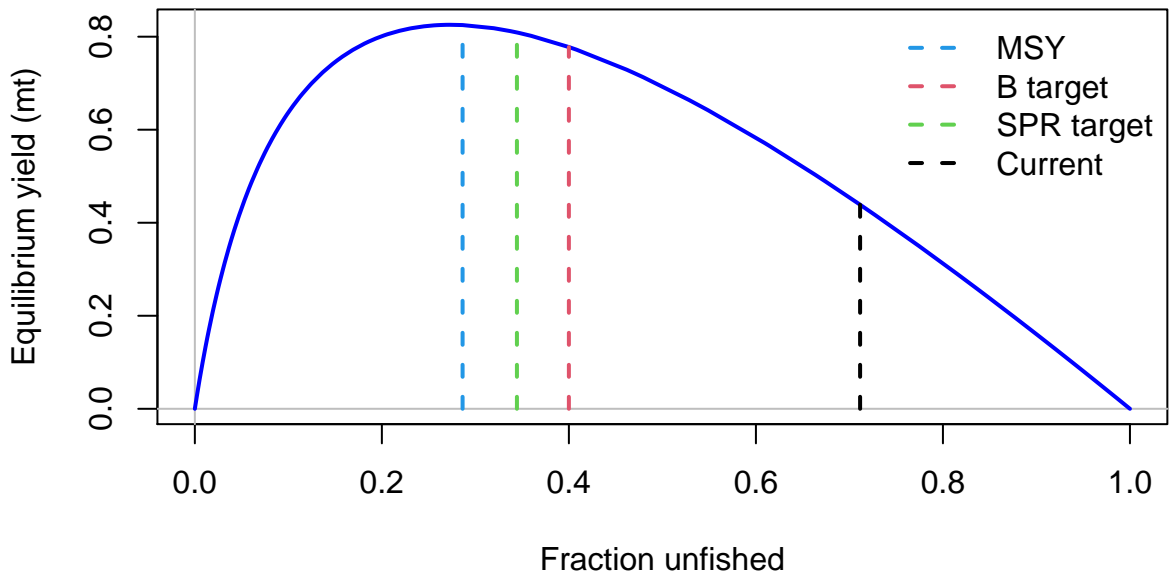


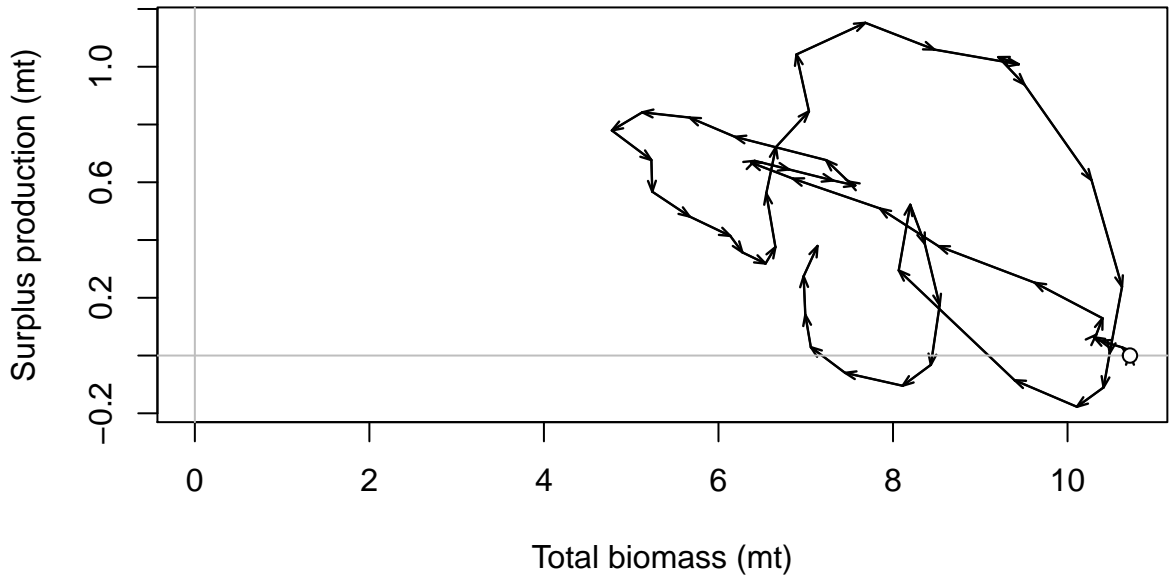


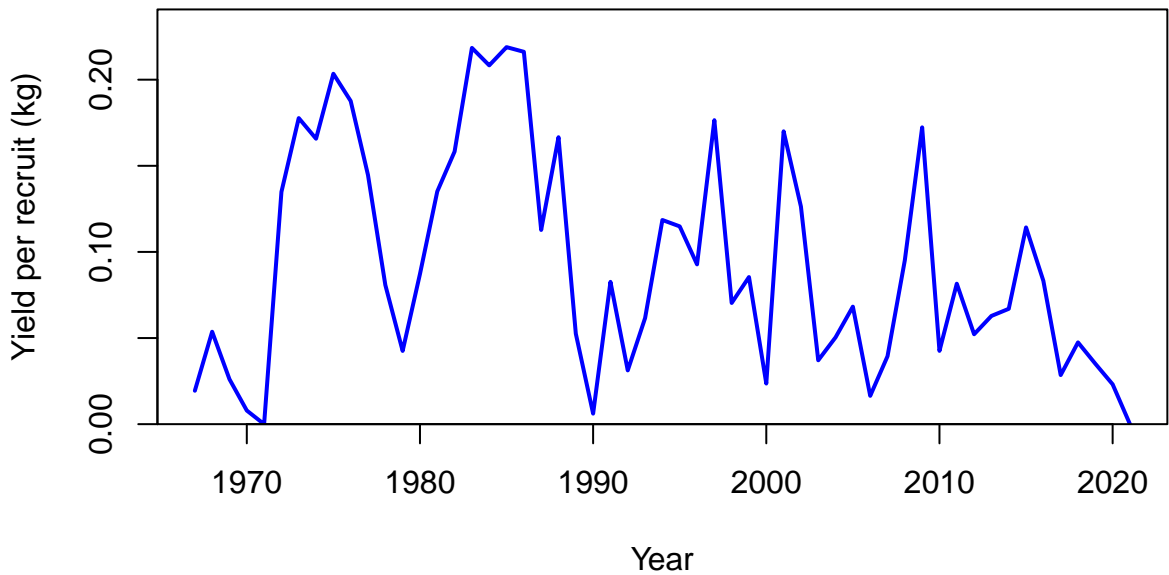
FISHERY (whole catch)

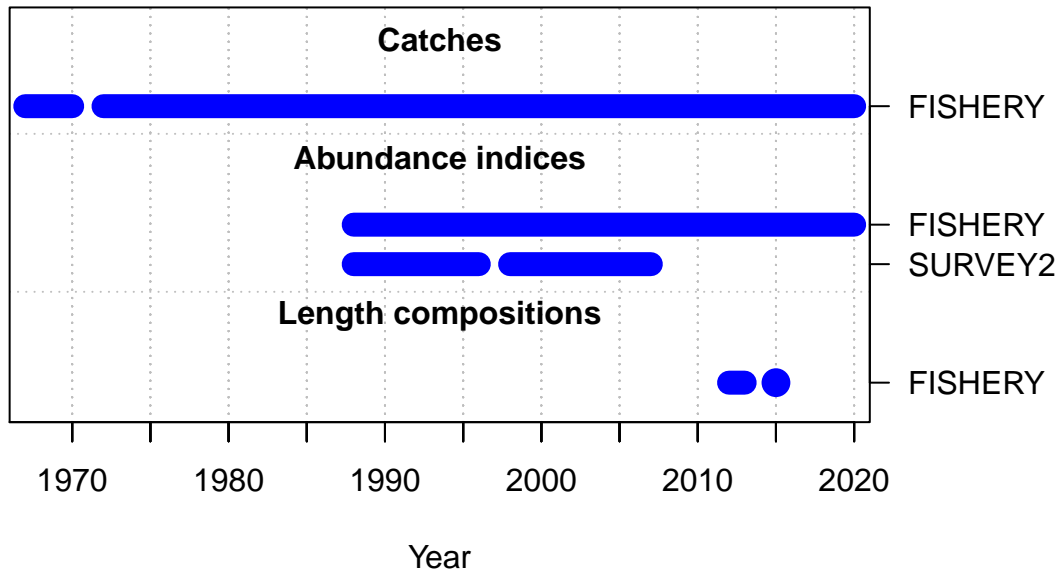


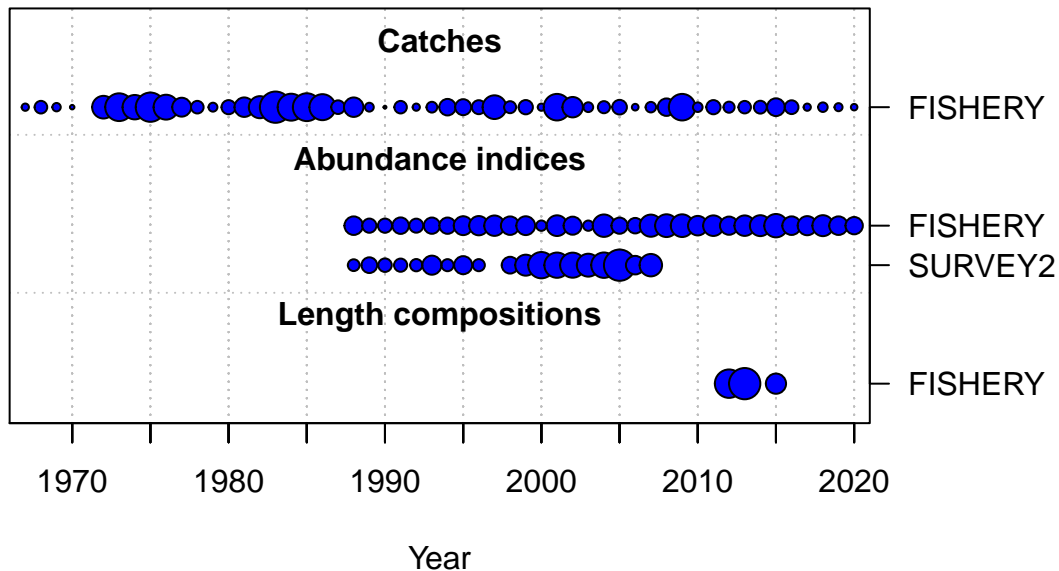




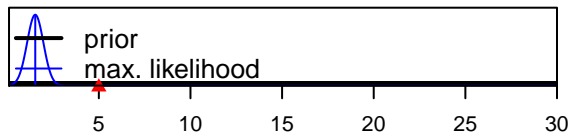




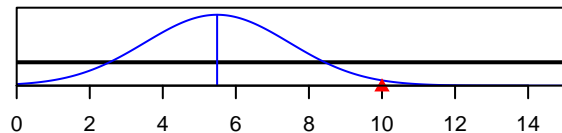




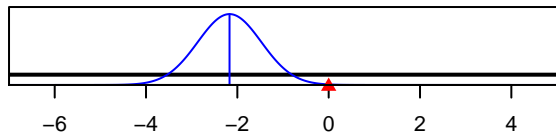
SR_LN(R0)



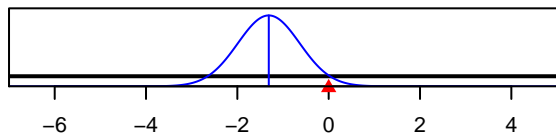
Size_95%width_FISHERY(1)



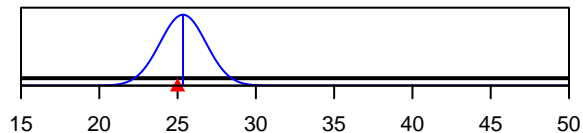
LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Size_inflection_FISHERY(1)



Parameter value