

Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Aug 30 11:04:16 2022
Data_File: data.ss
Control_File: control.ss

Length (cm, beginning of the year)





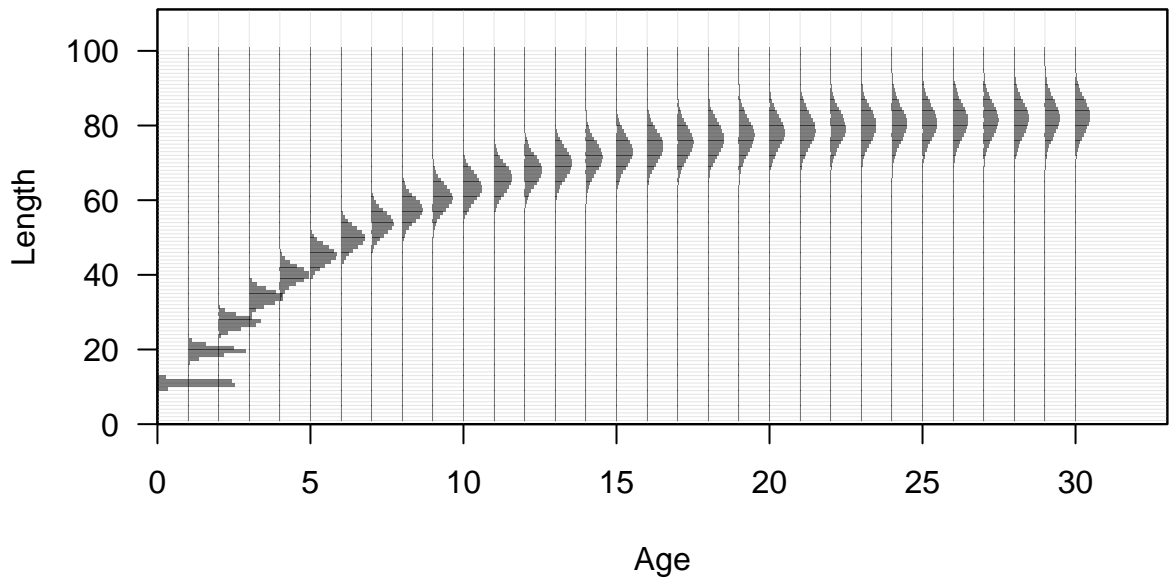




















Fecundity



Fecundity

20

15

10

5

0

0

20

40

60

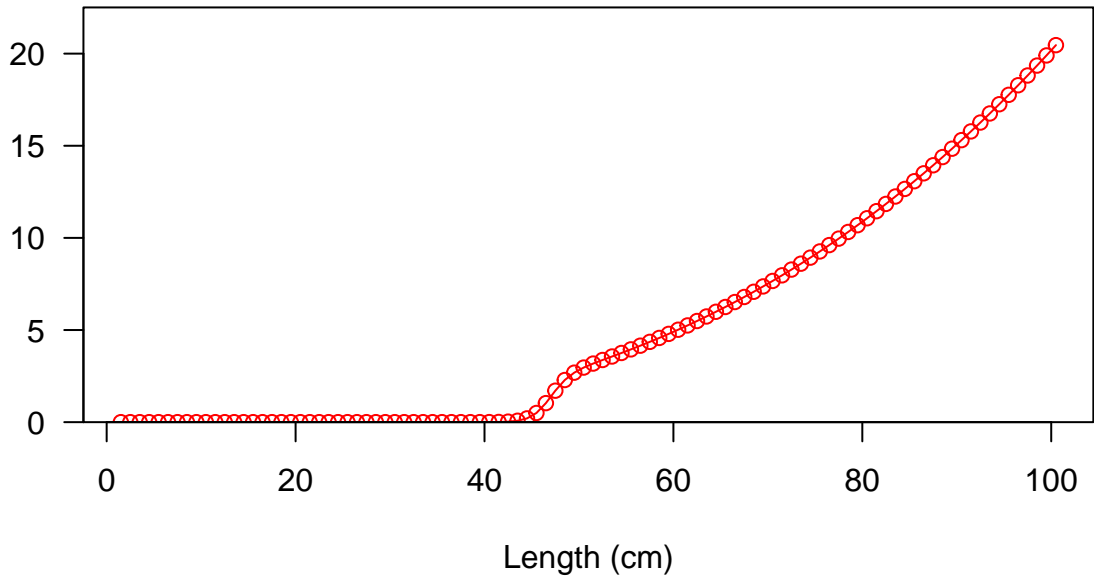
80

100

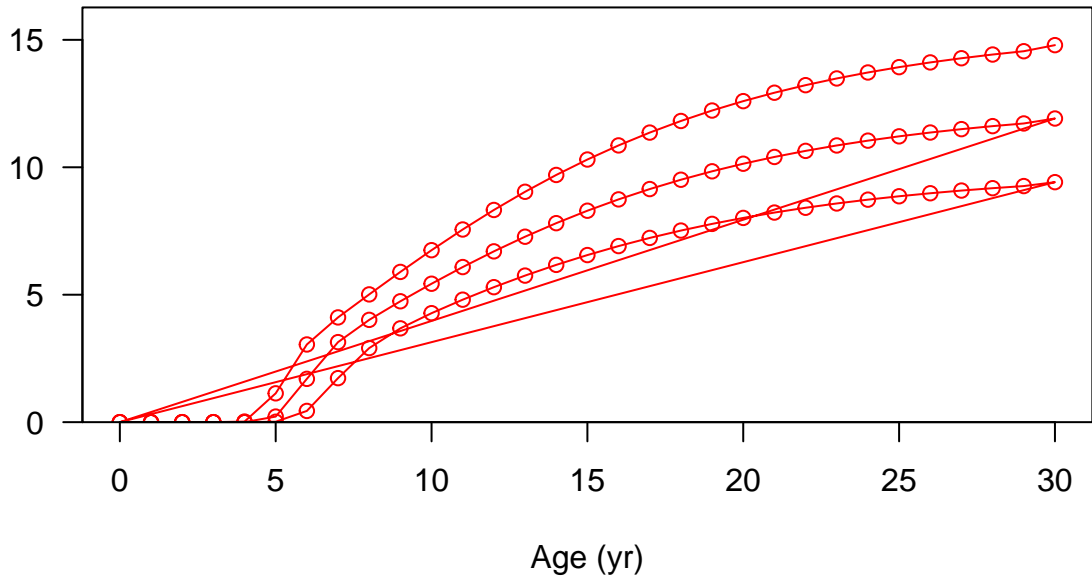
Female length (cm)



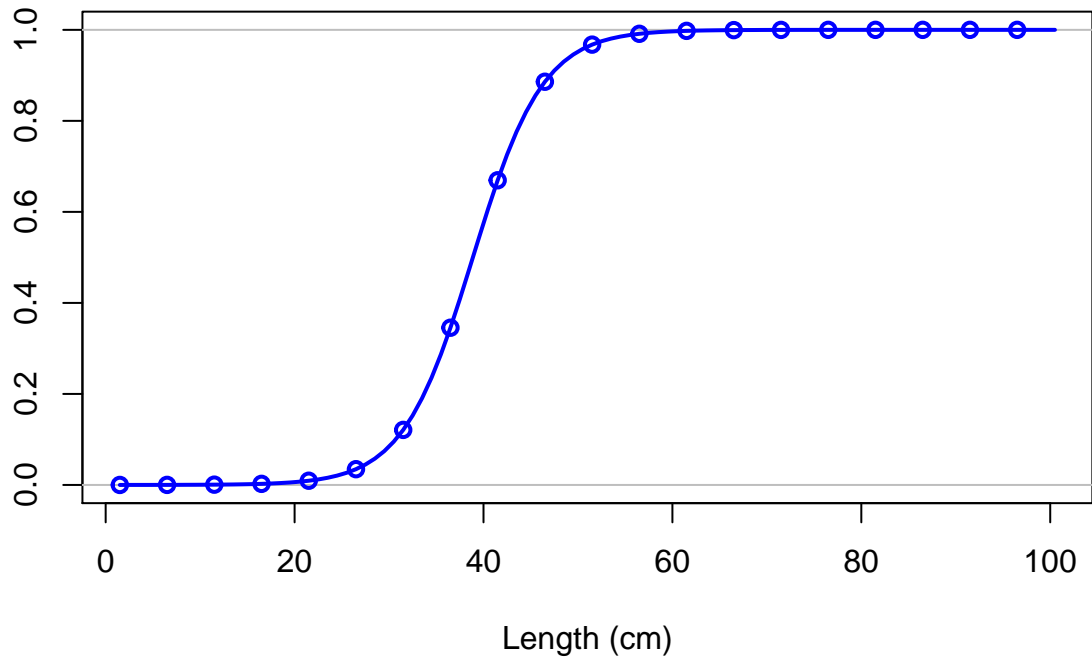
Spawning output



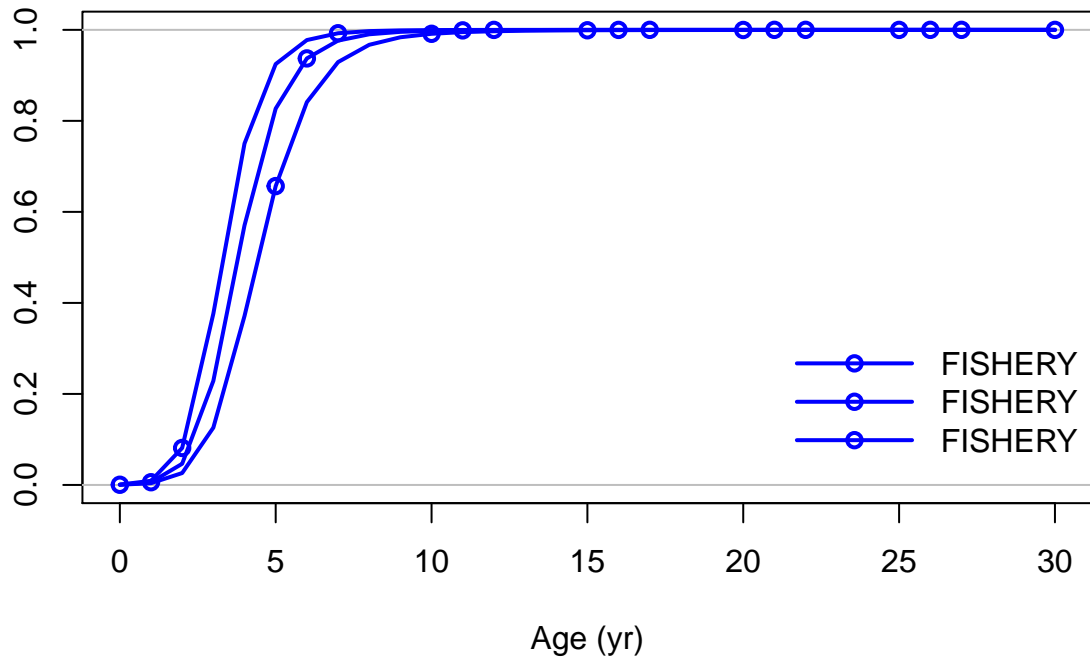
Spawning output



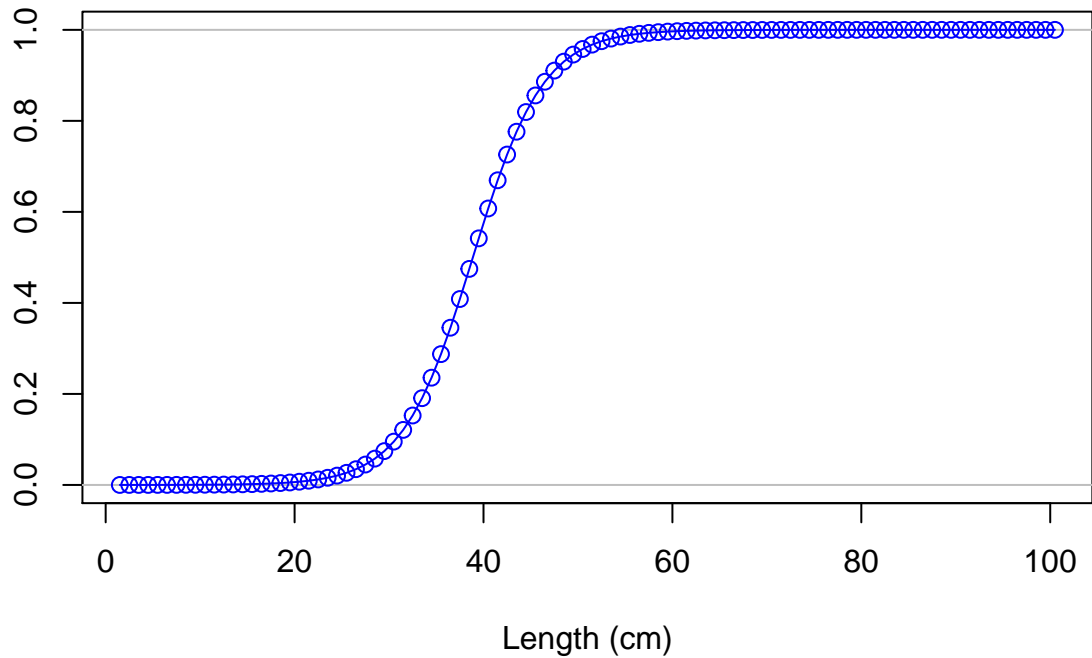
Selectivity

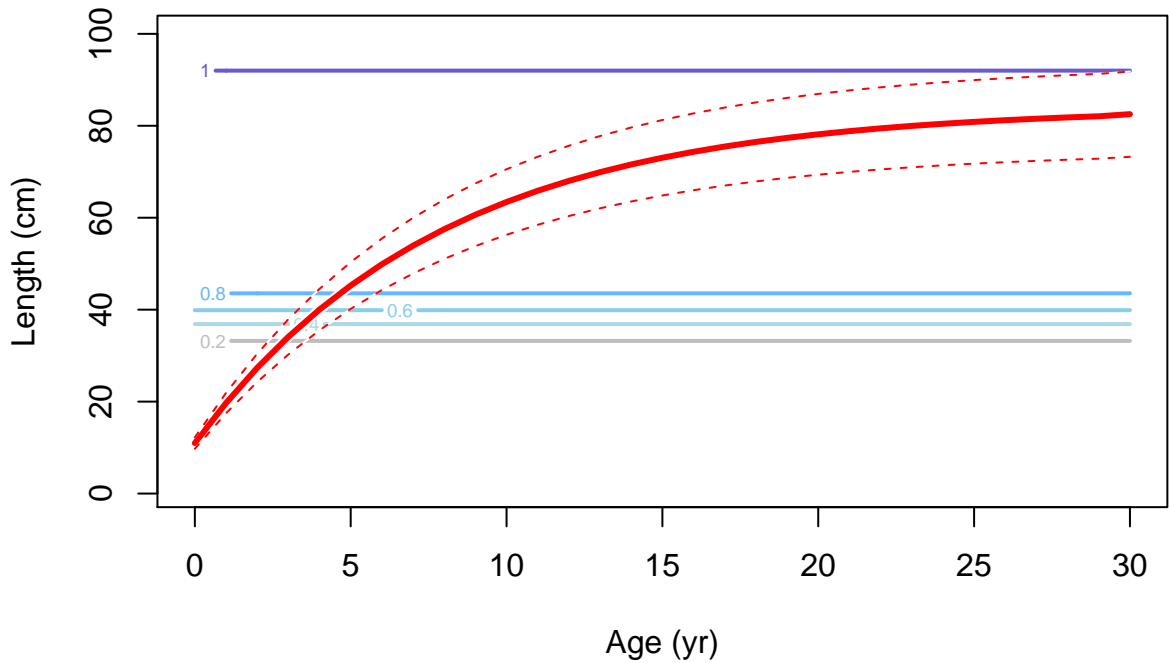


Selectivity

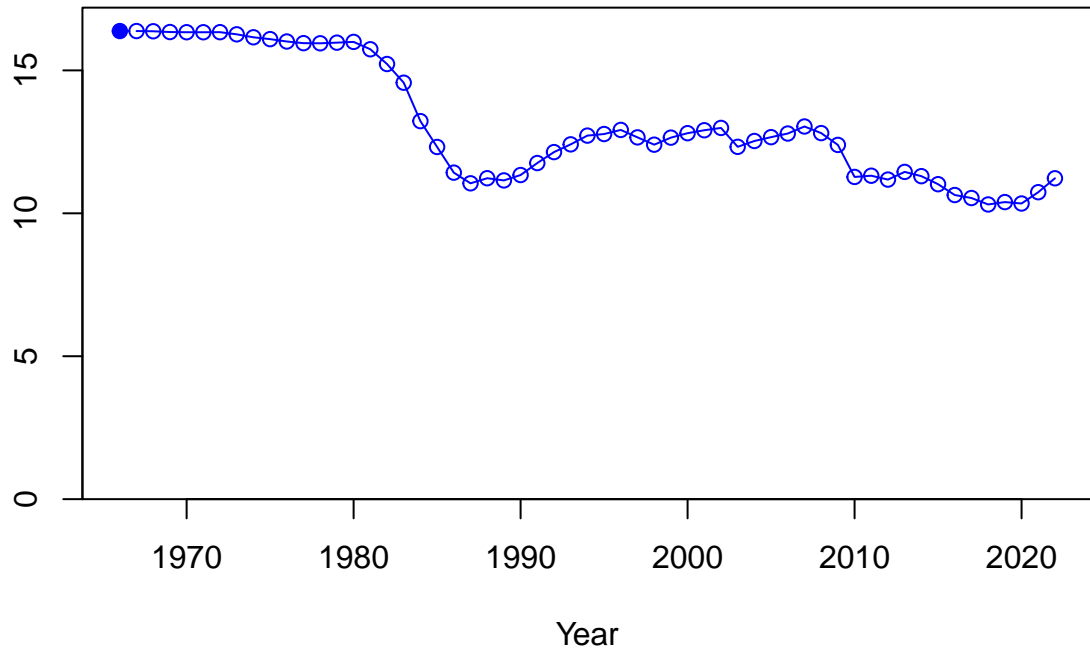


Selectivity

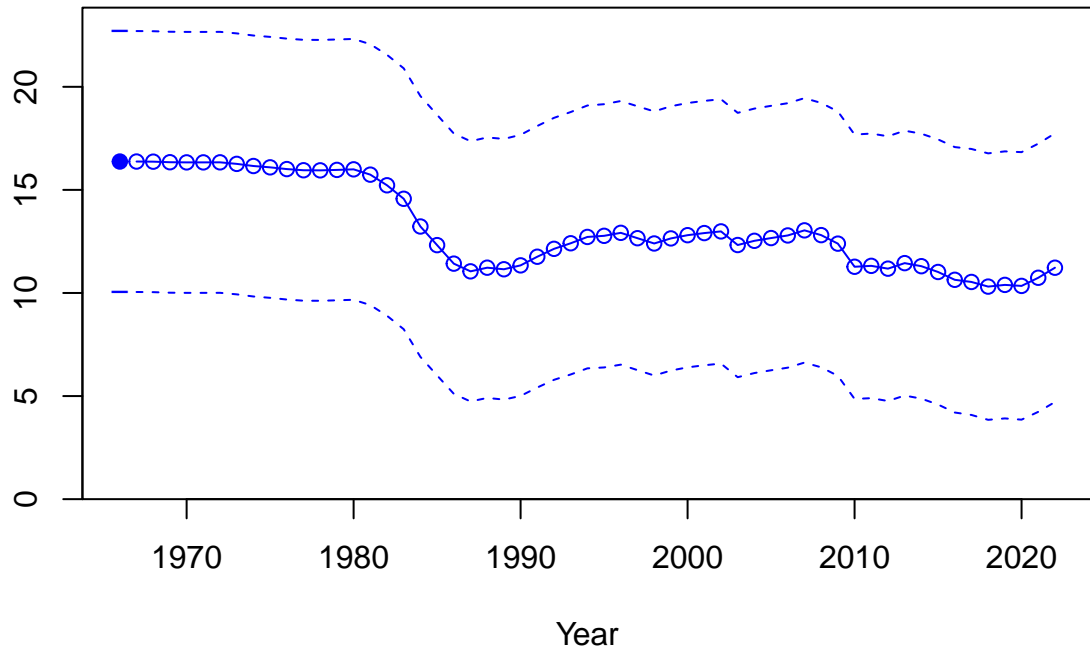




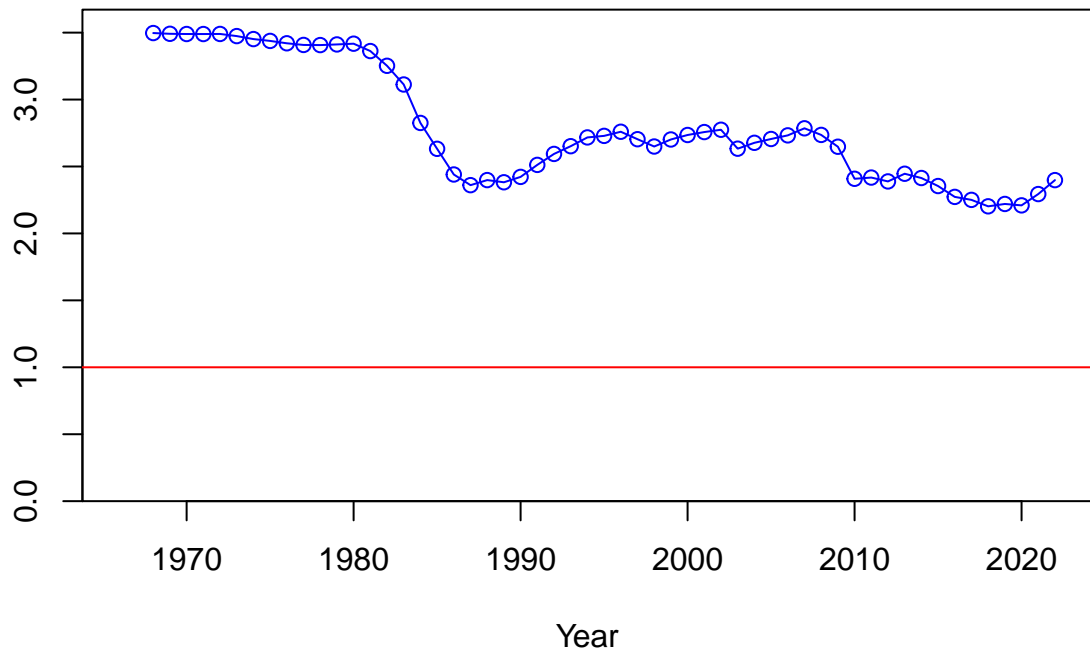
Spawning biomass (mt)



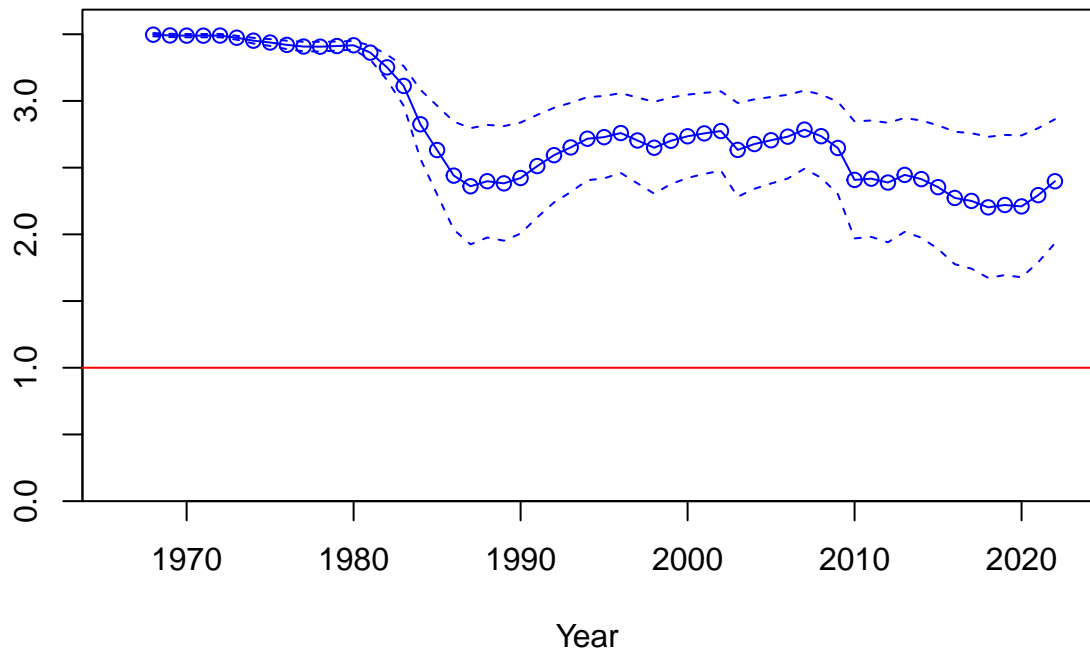
Spawning biomass (mt)

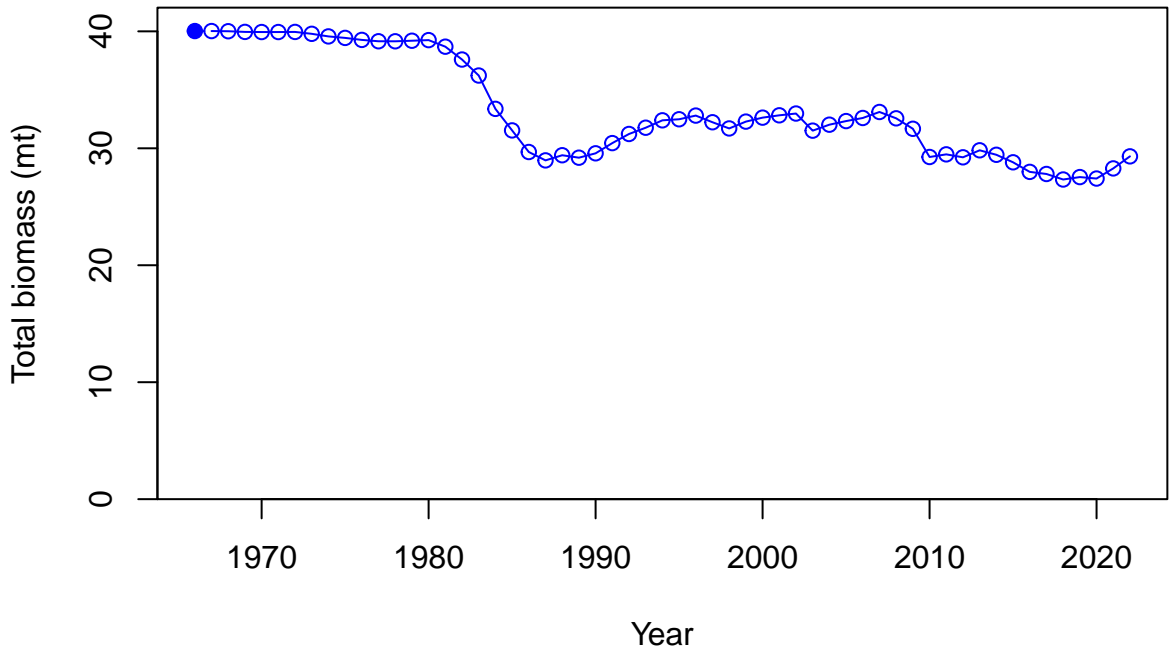


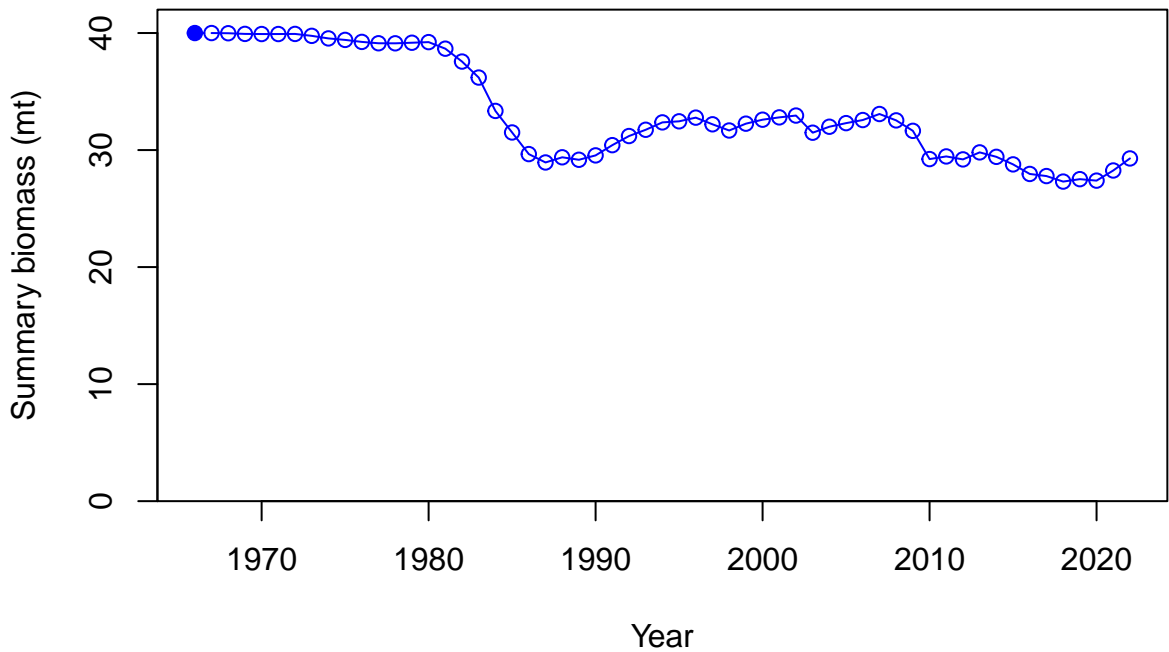
Relative spawning biomass: B/B_{MSY}

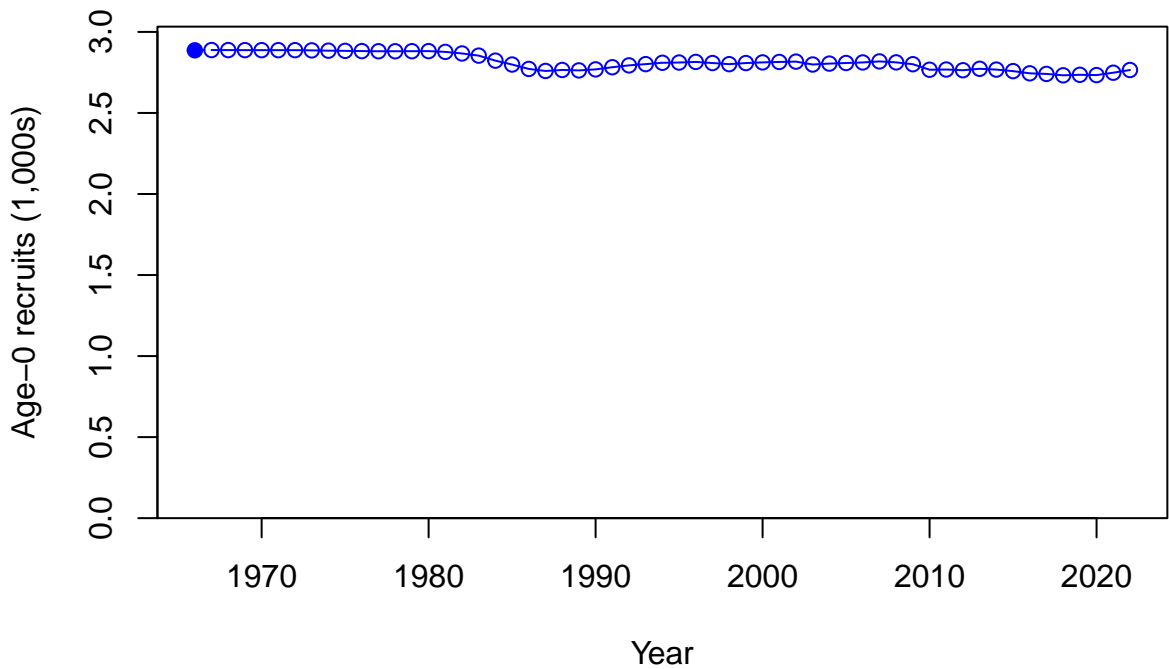


Relative spawning biomass: B/B_{MSY}

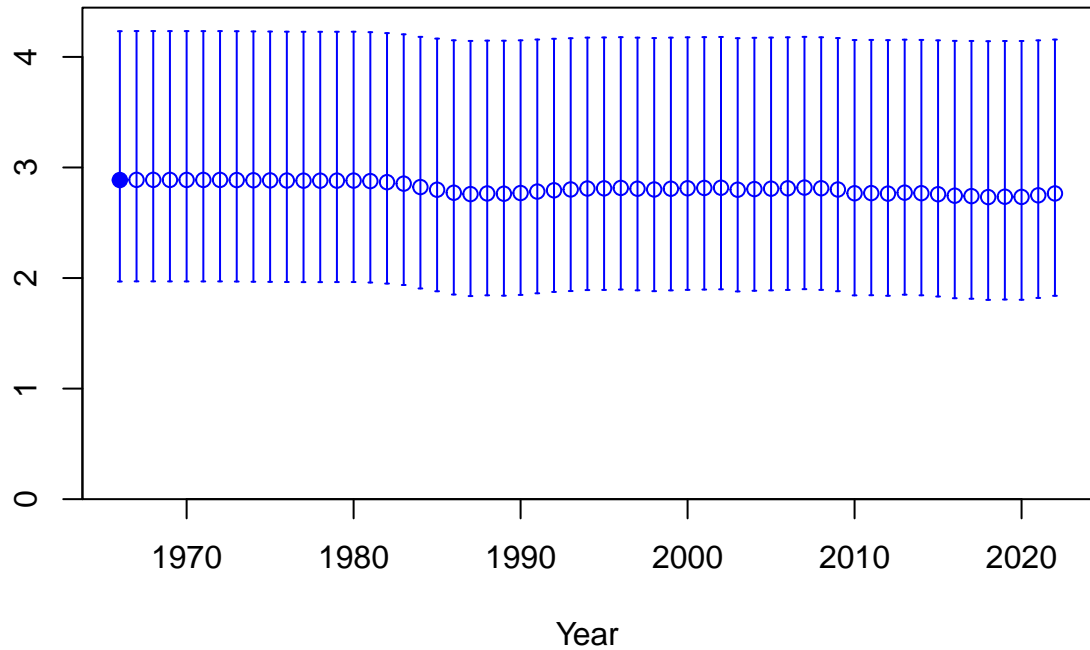




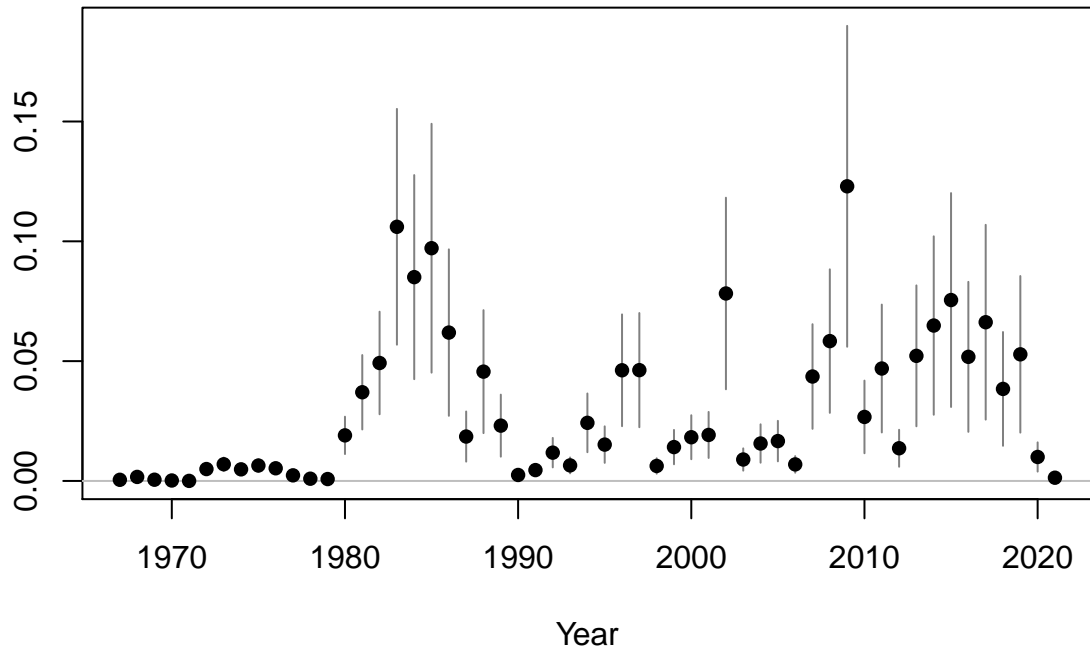


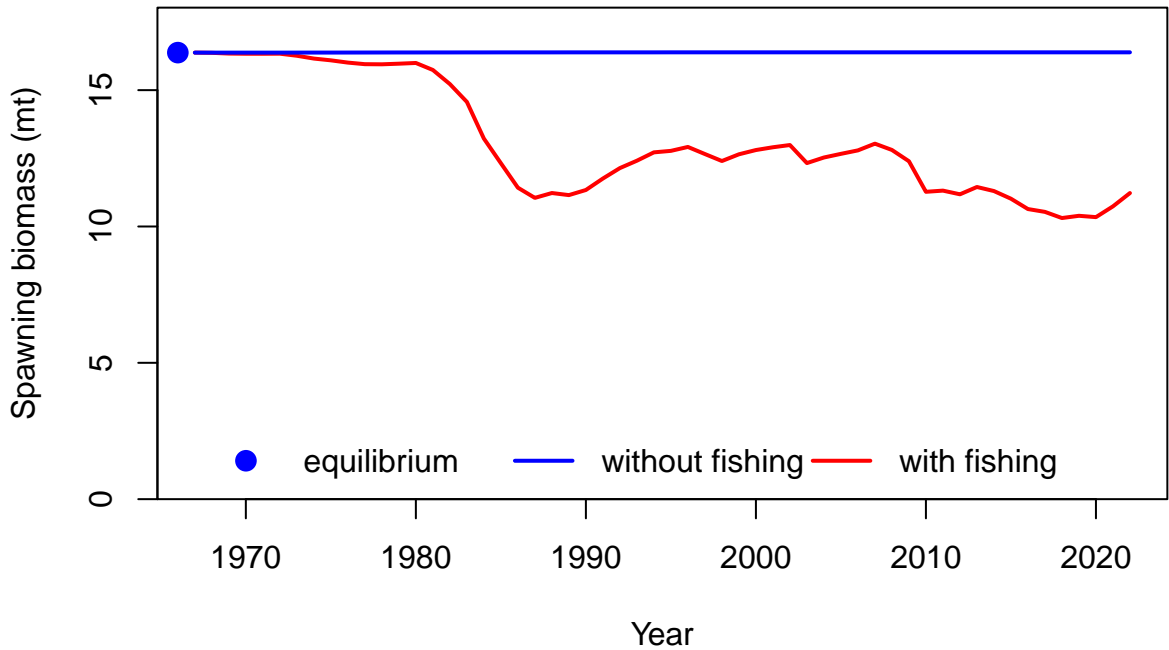


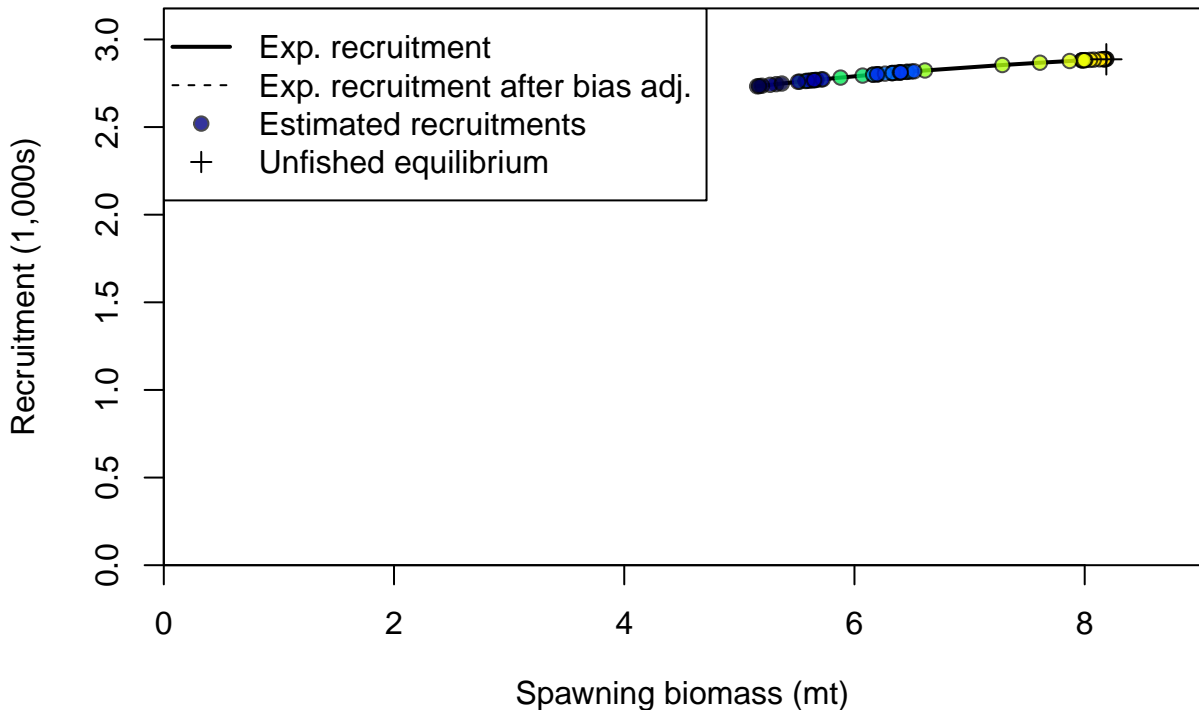
Age-0 recruits (1,000s)

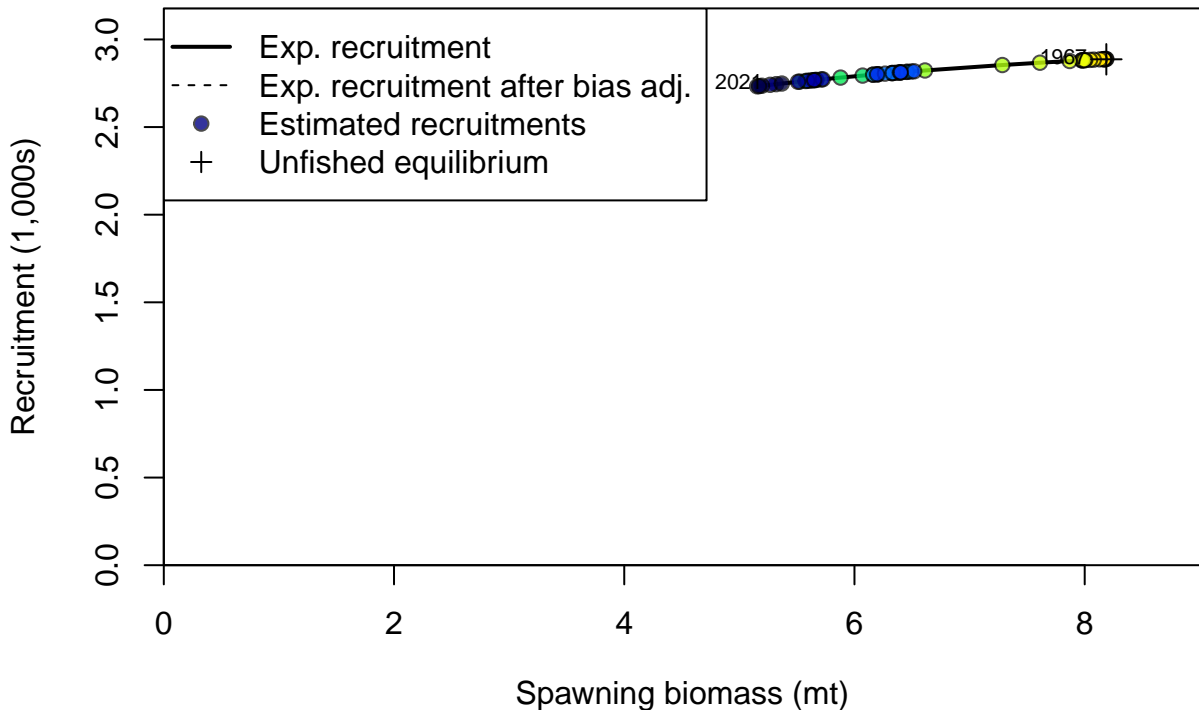


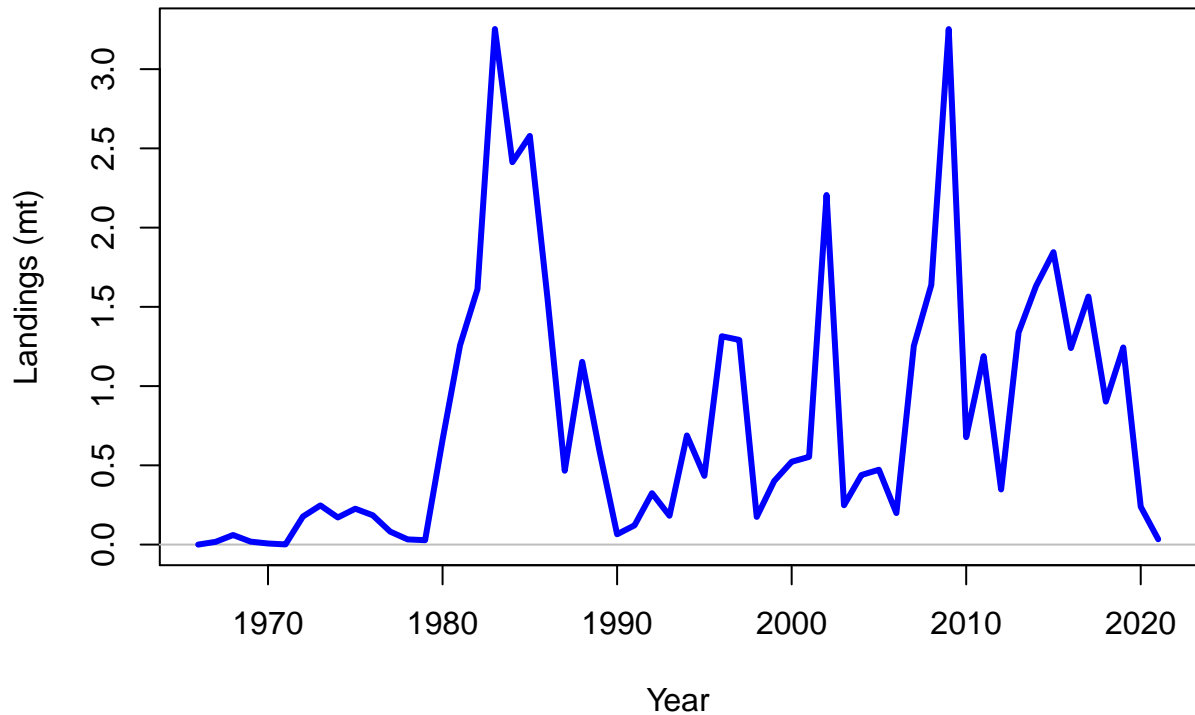
Summary Fishing Mortality

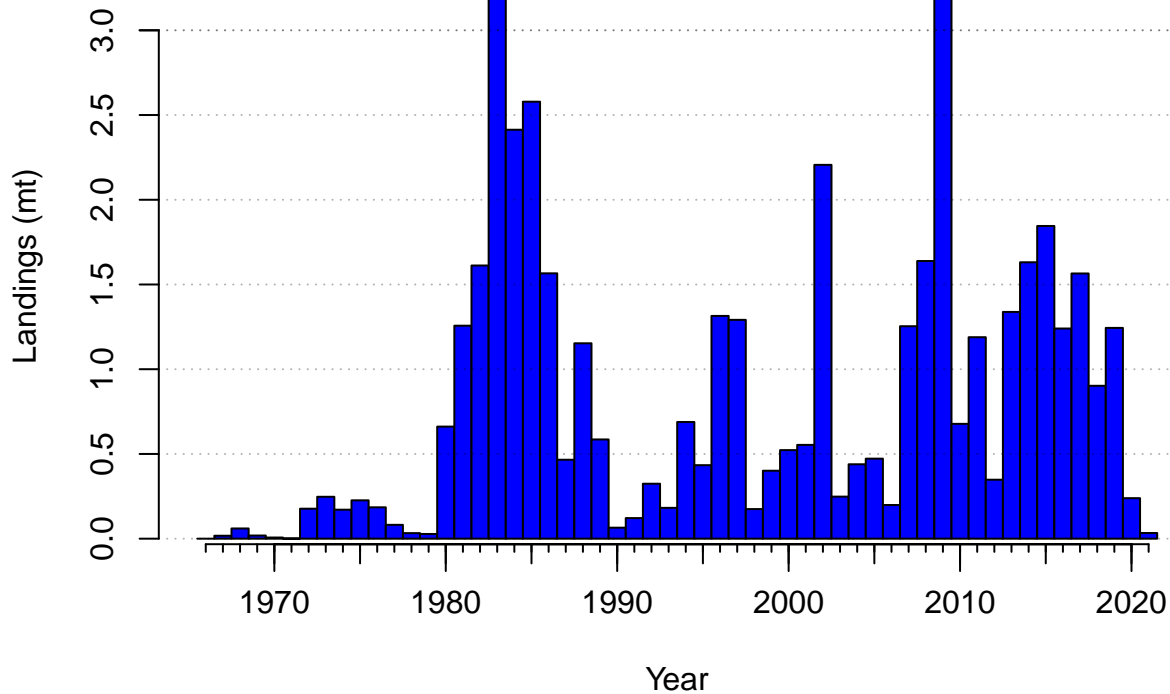


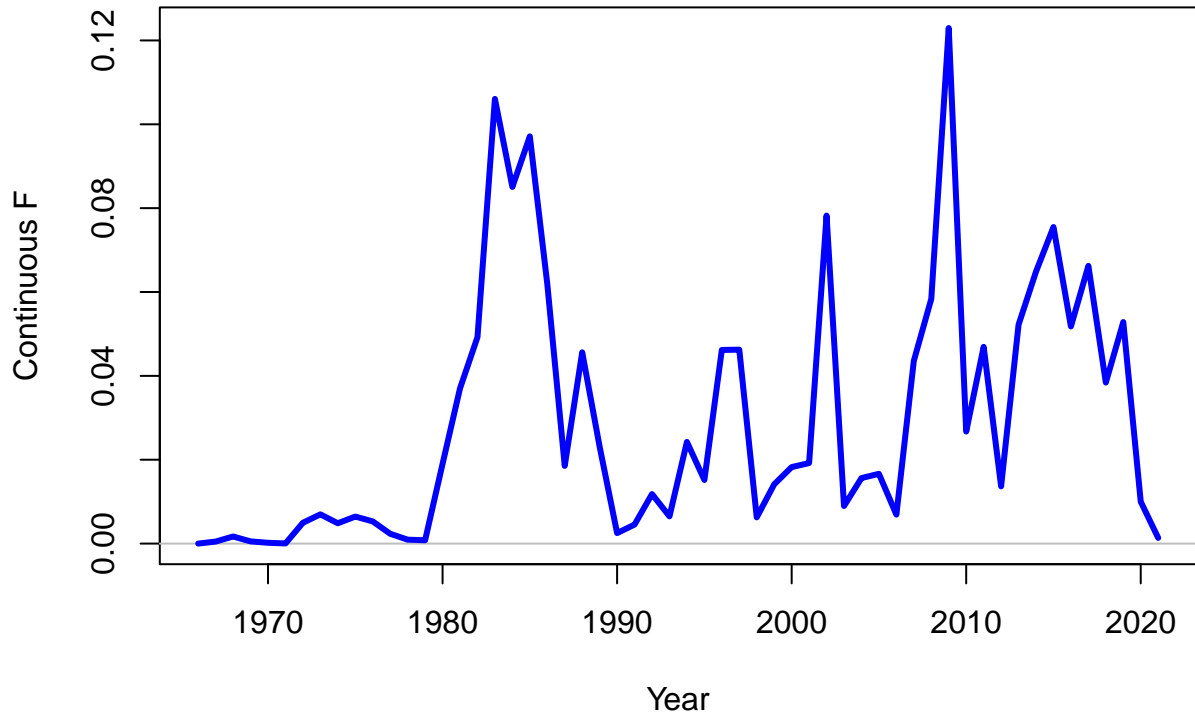




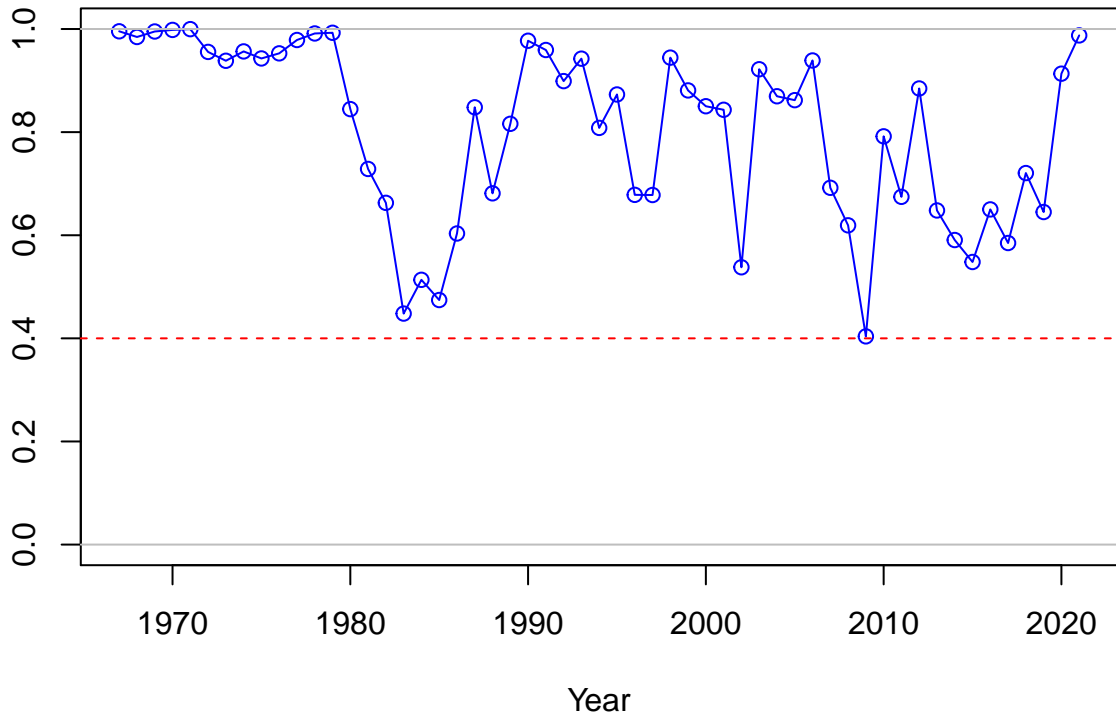




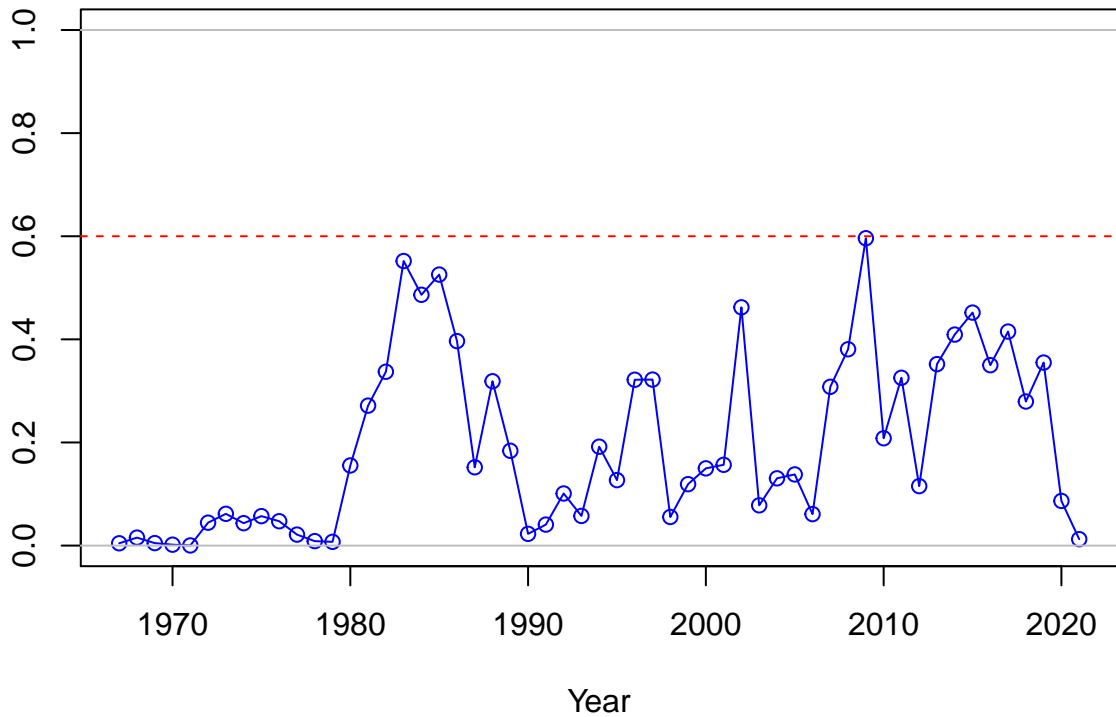




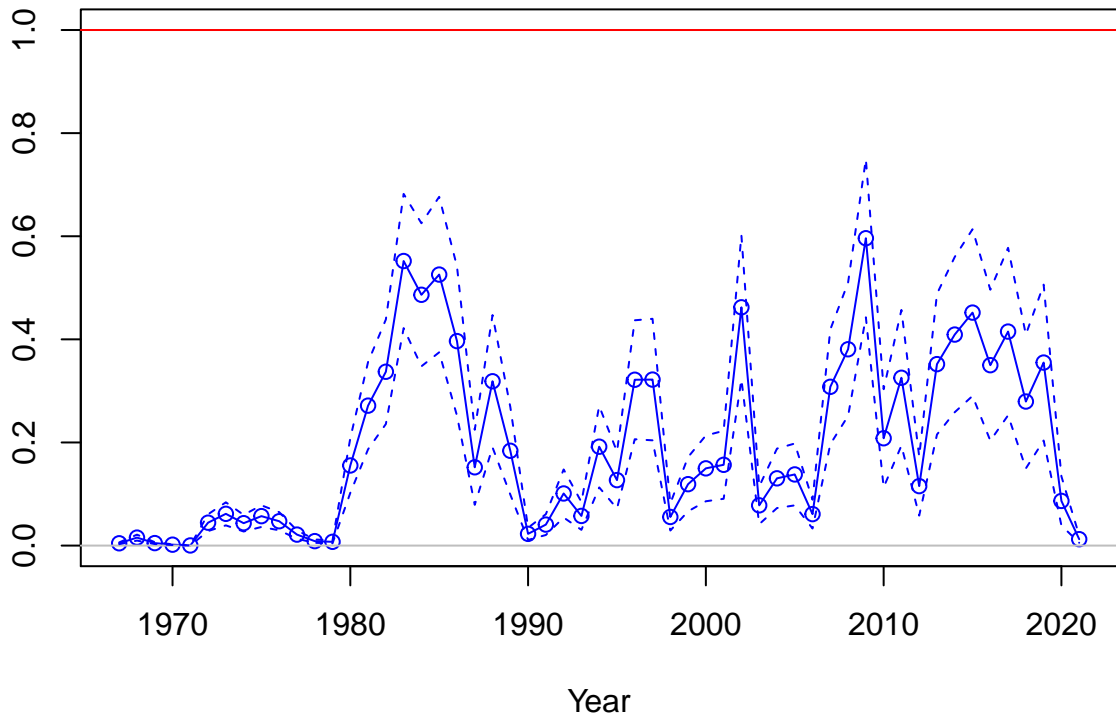
SPR



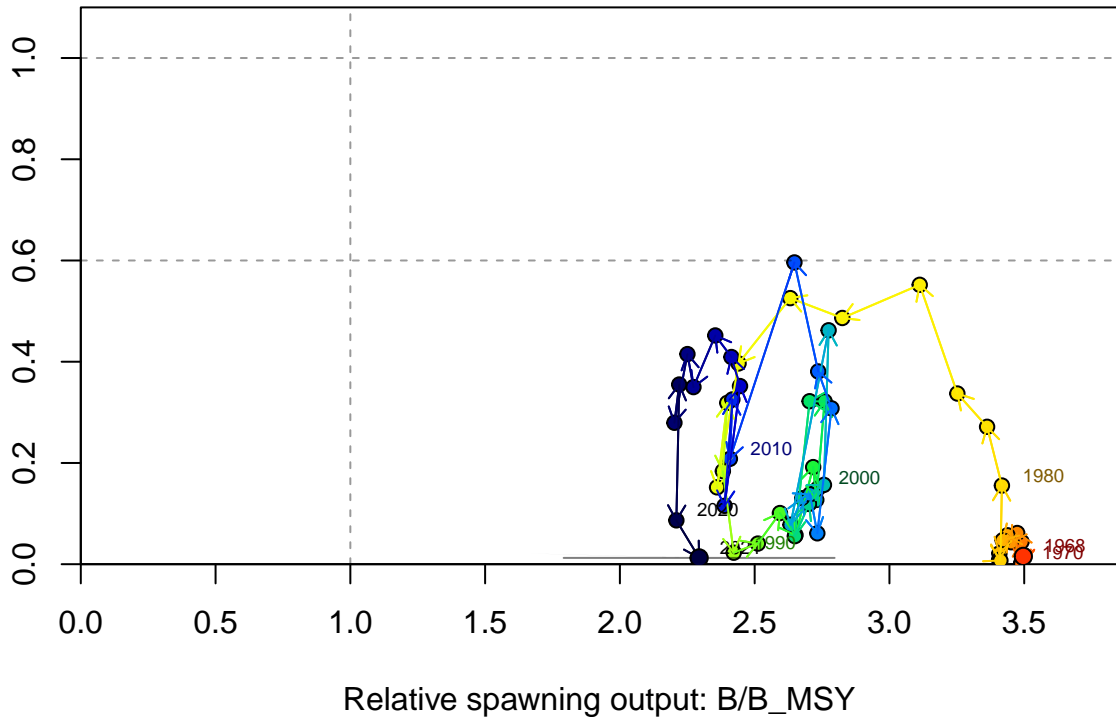
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR

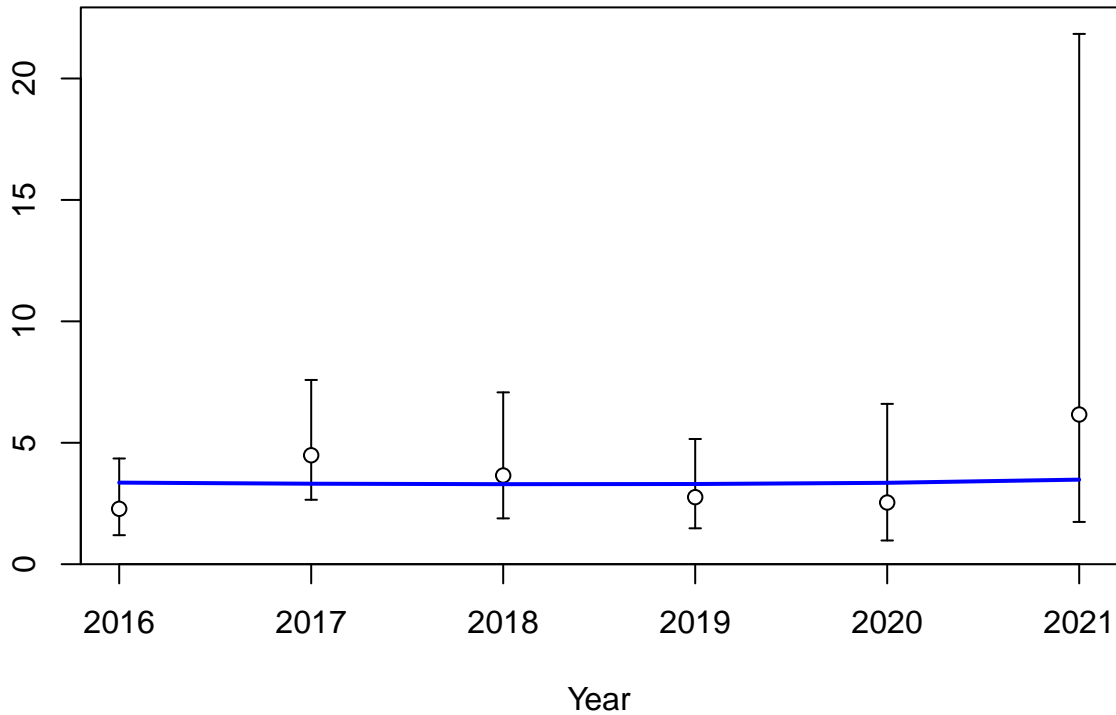


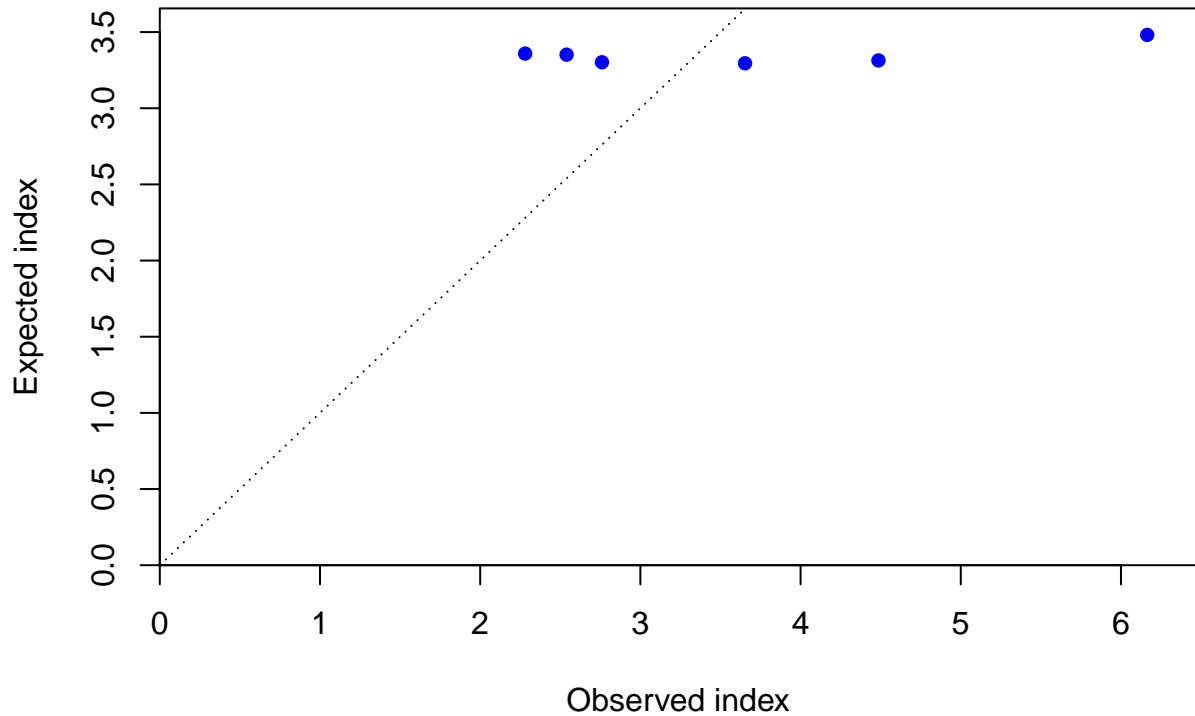
Index



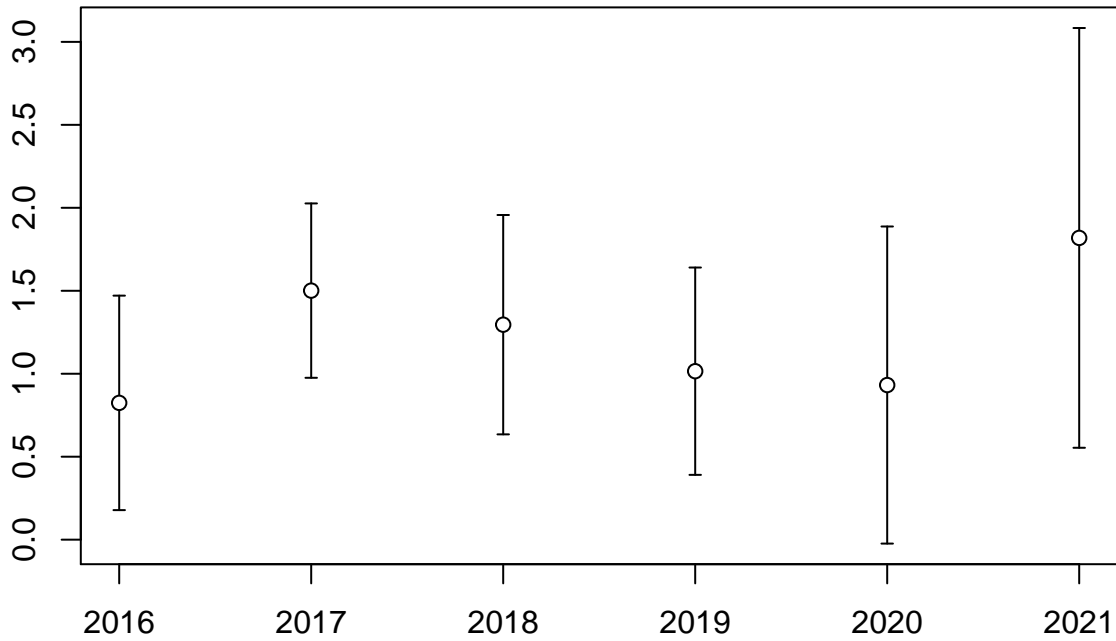
Year

Index

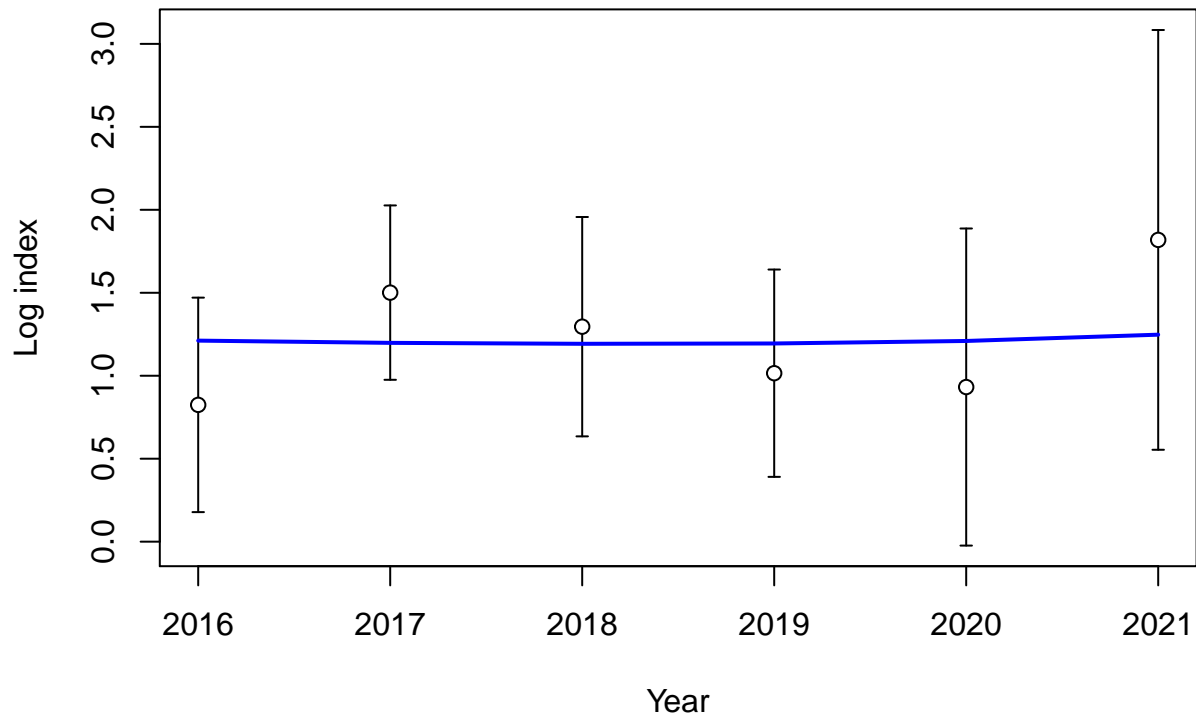


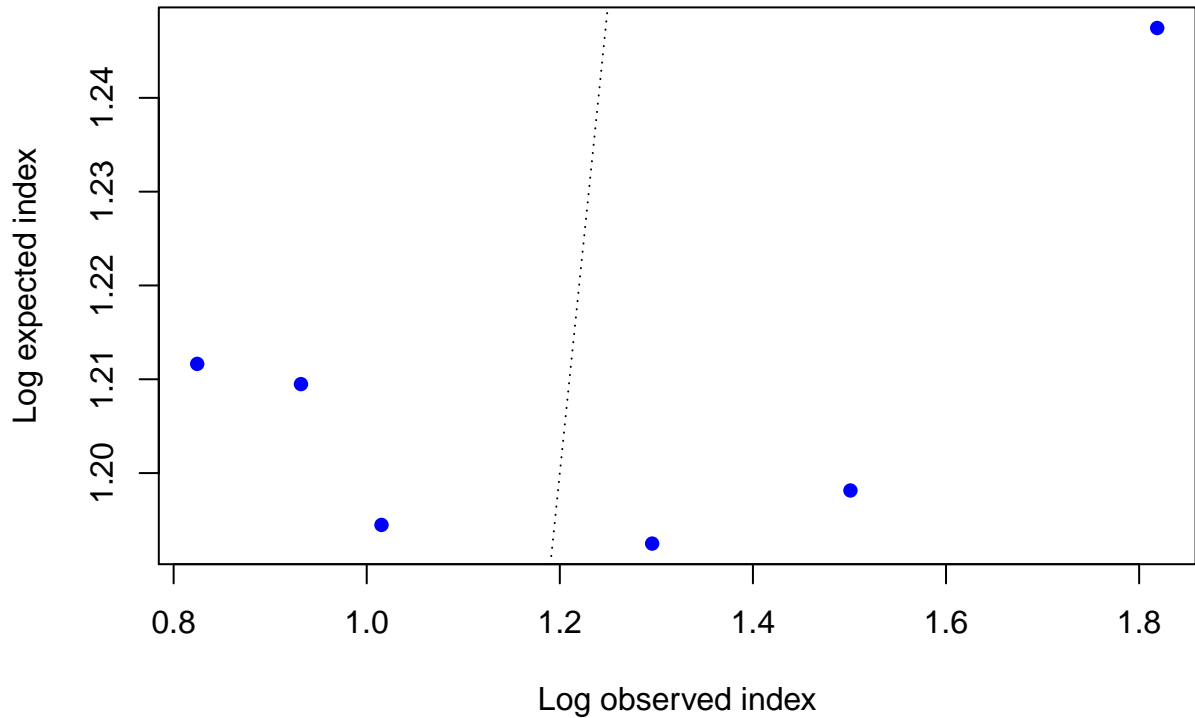


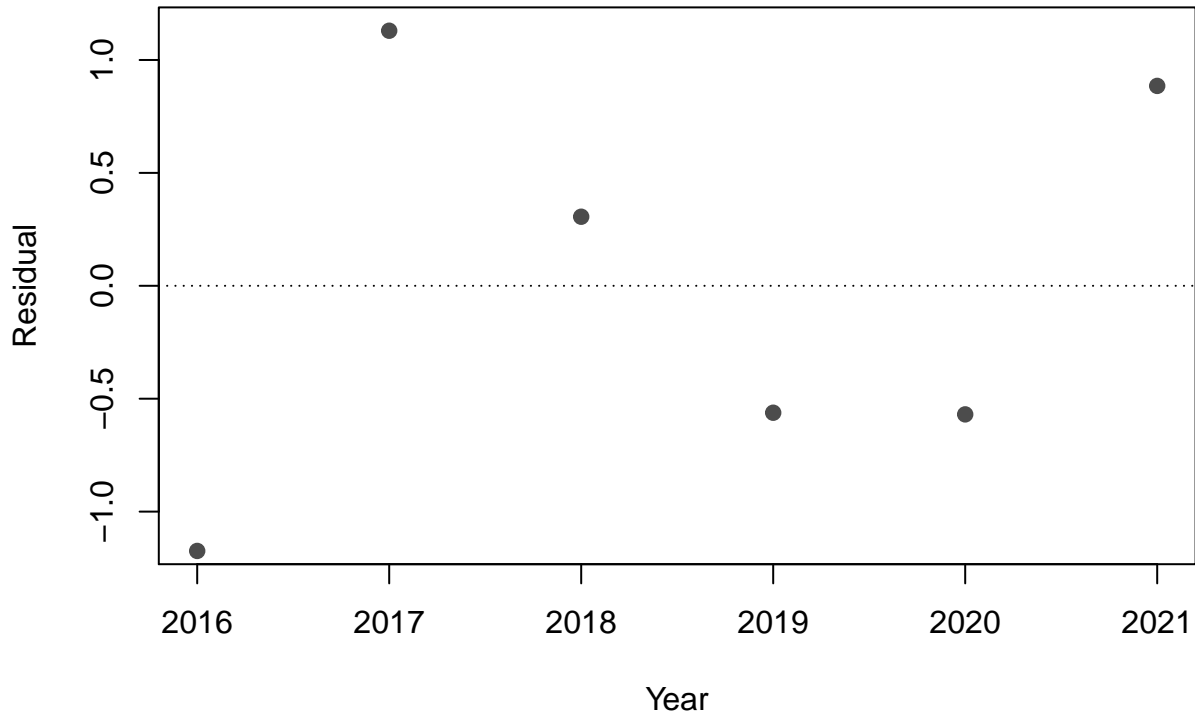
Log index

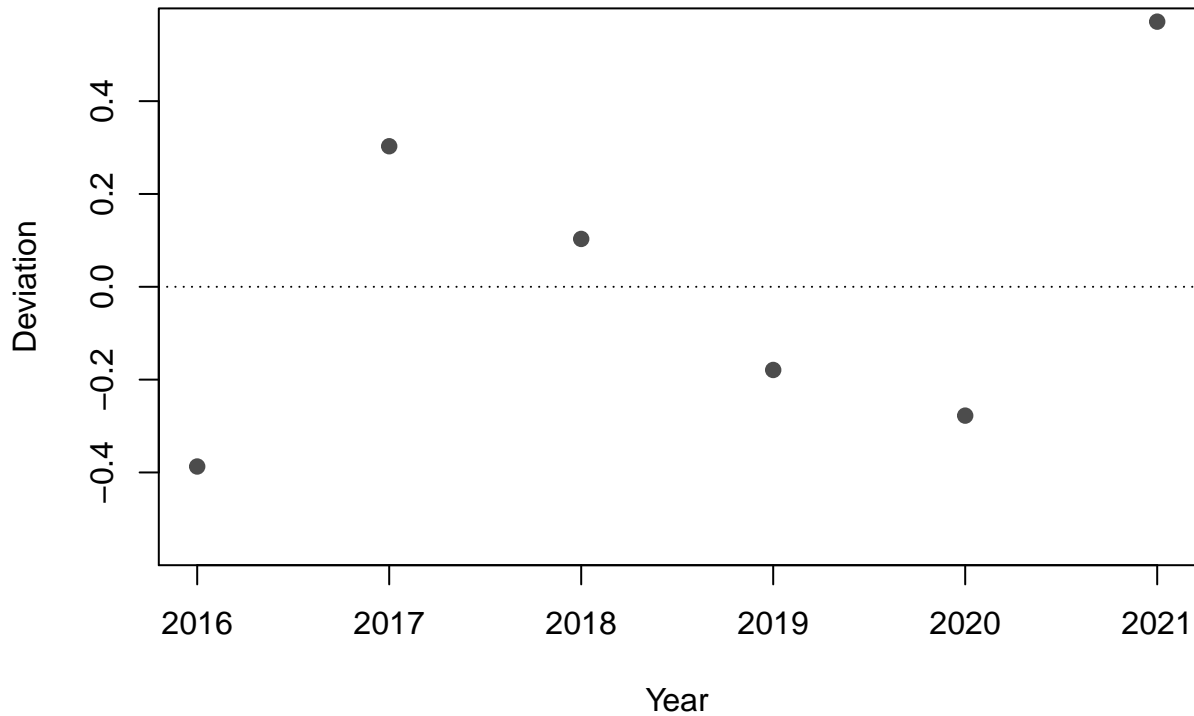


Year

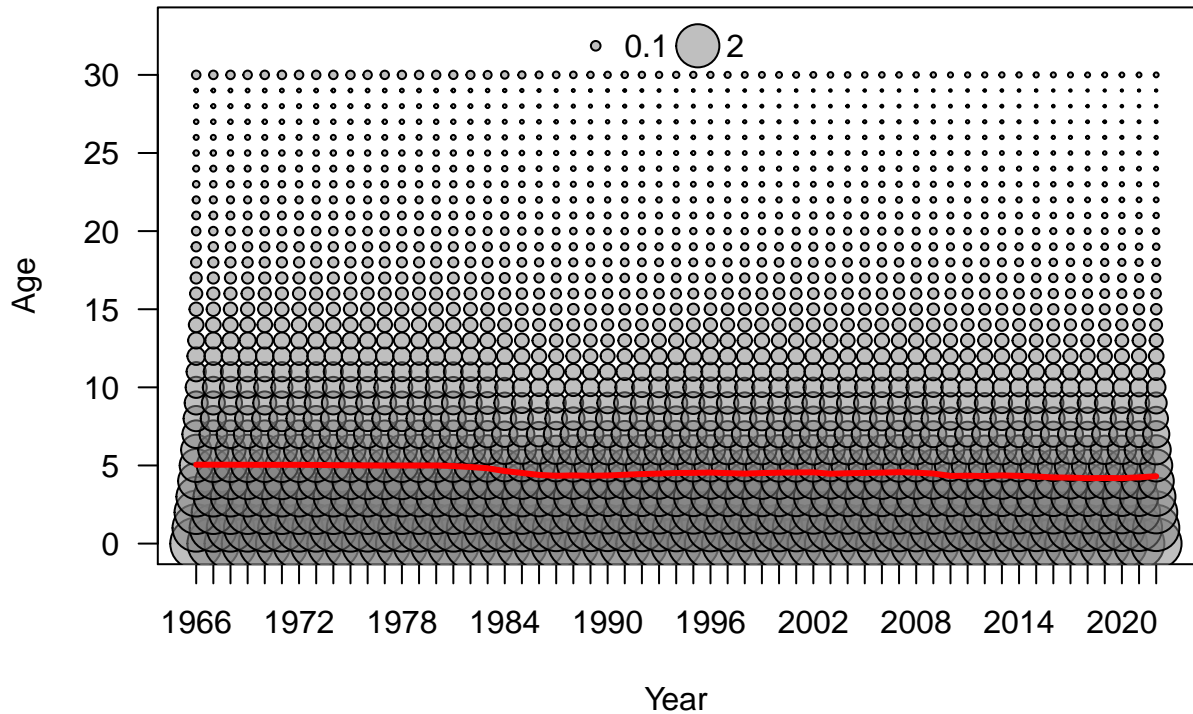


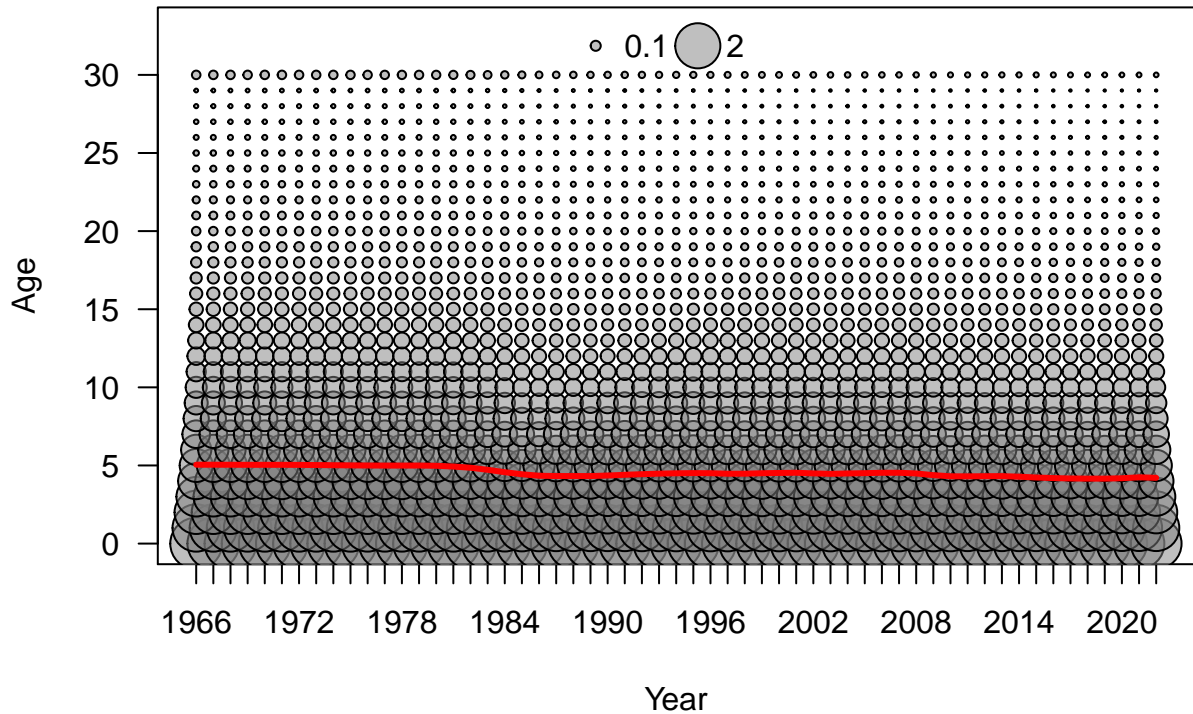


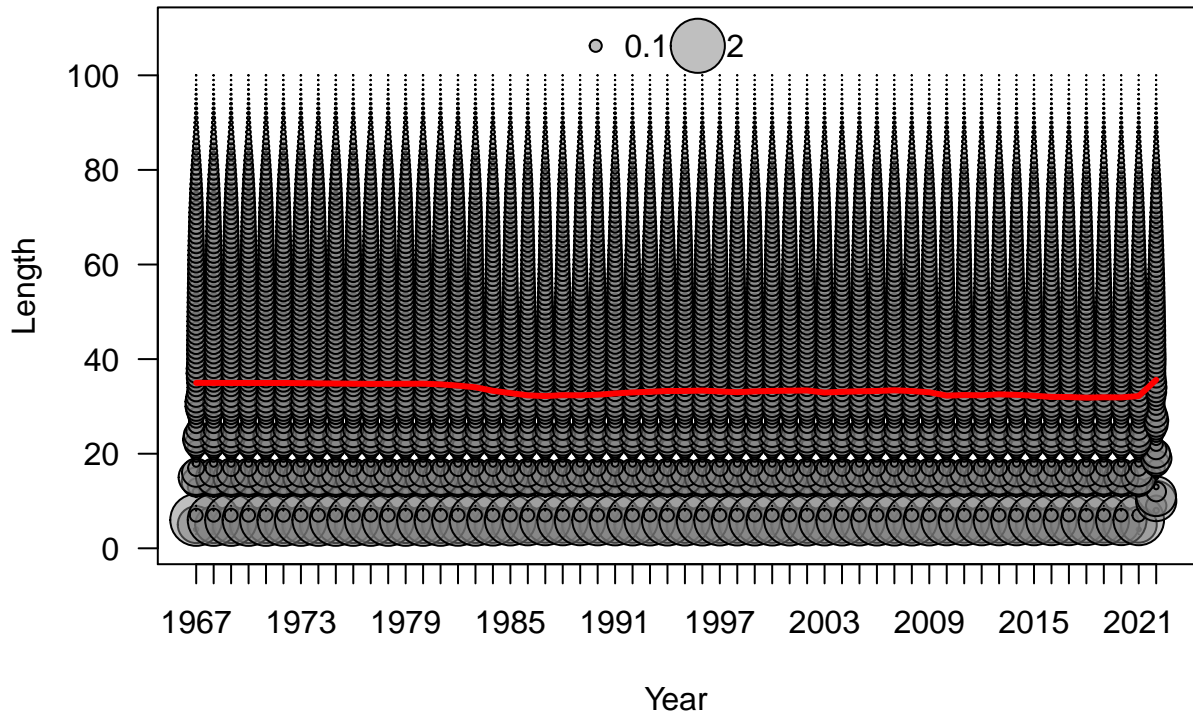


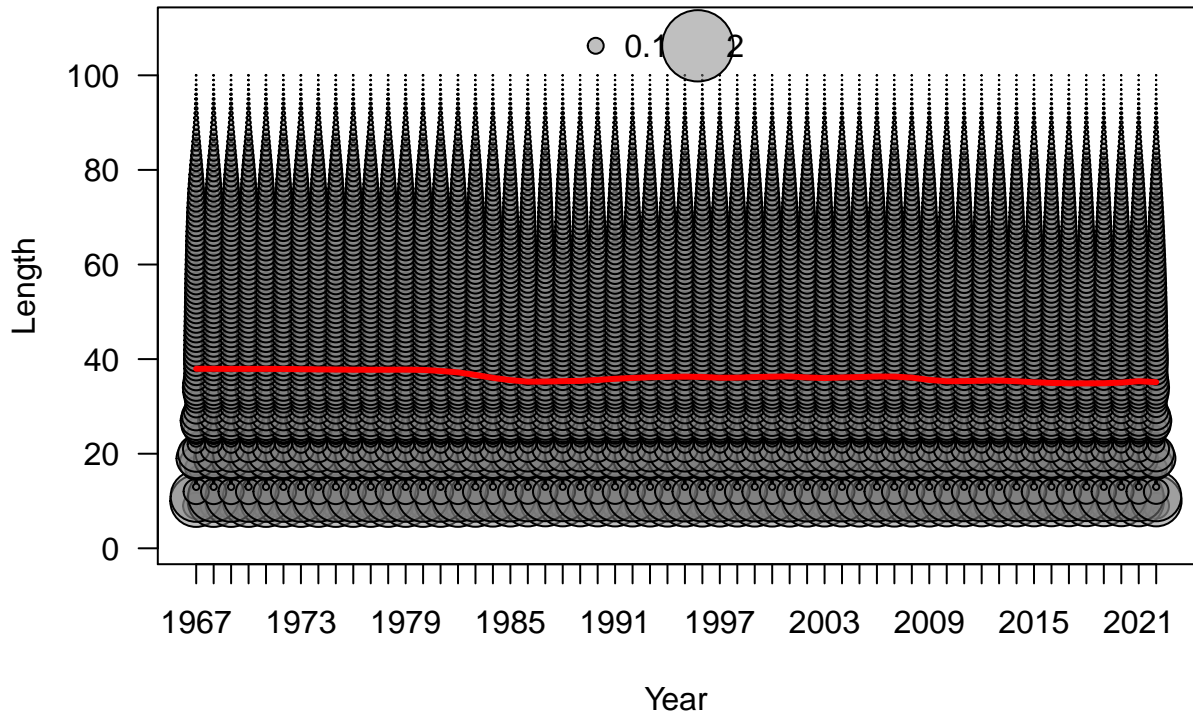


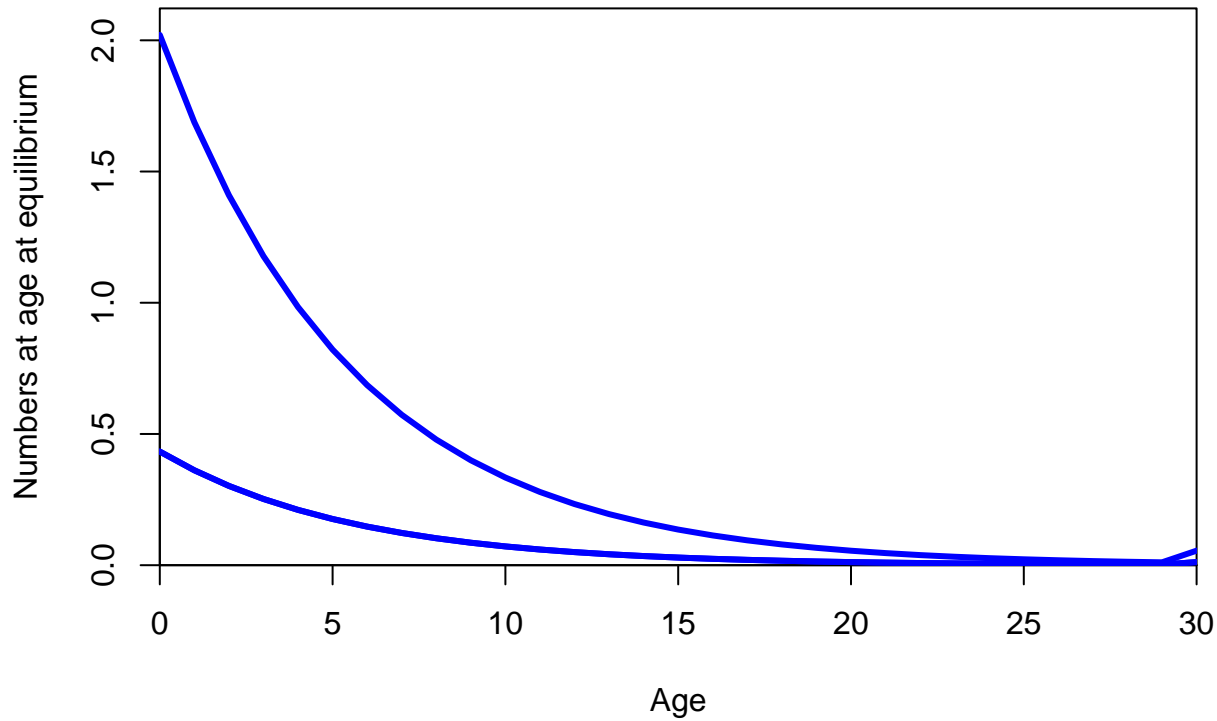






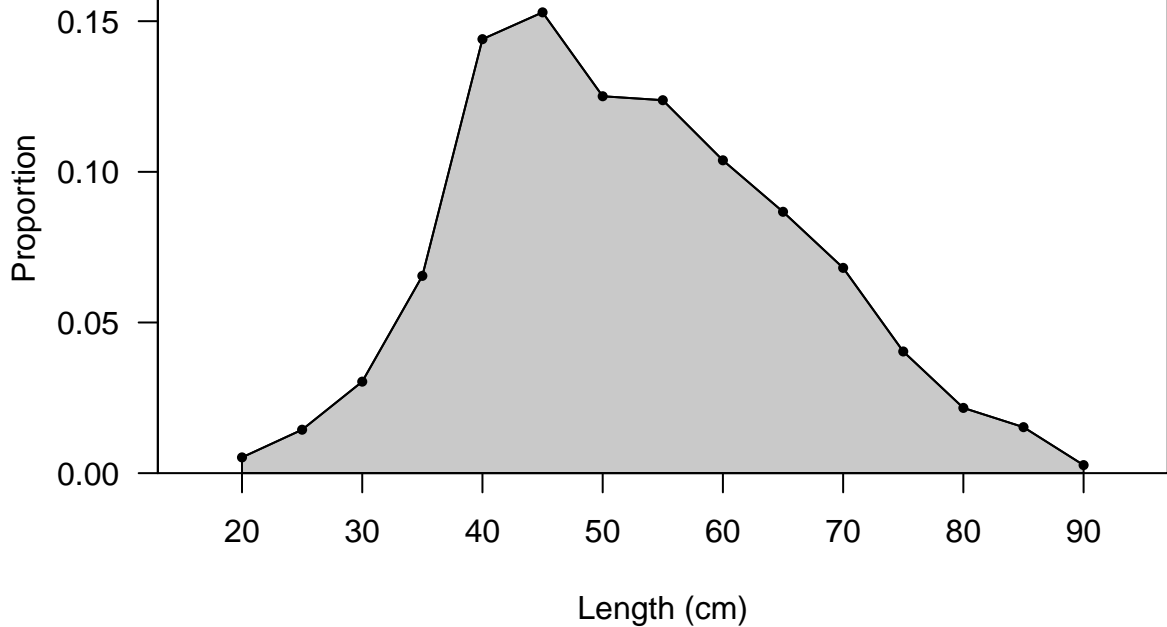


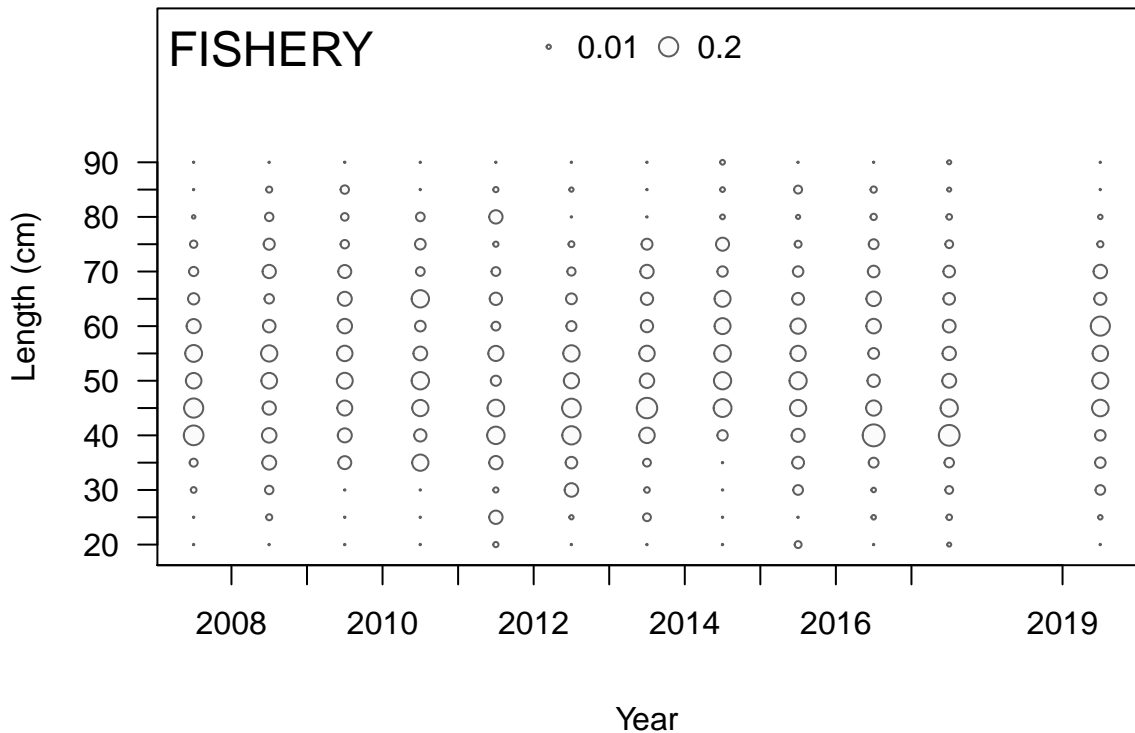




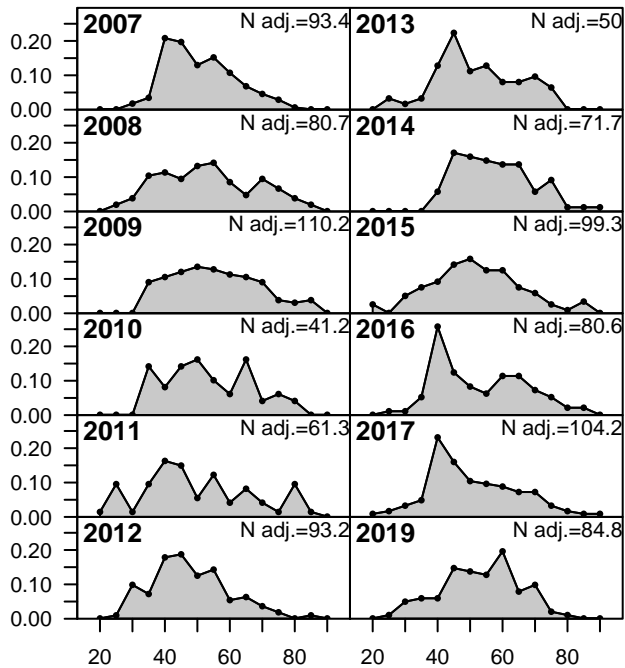
FISHERY

Sum of N adj.=970.8





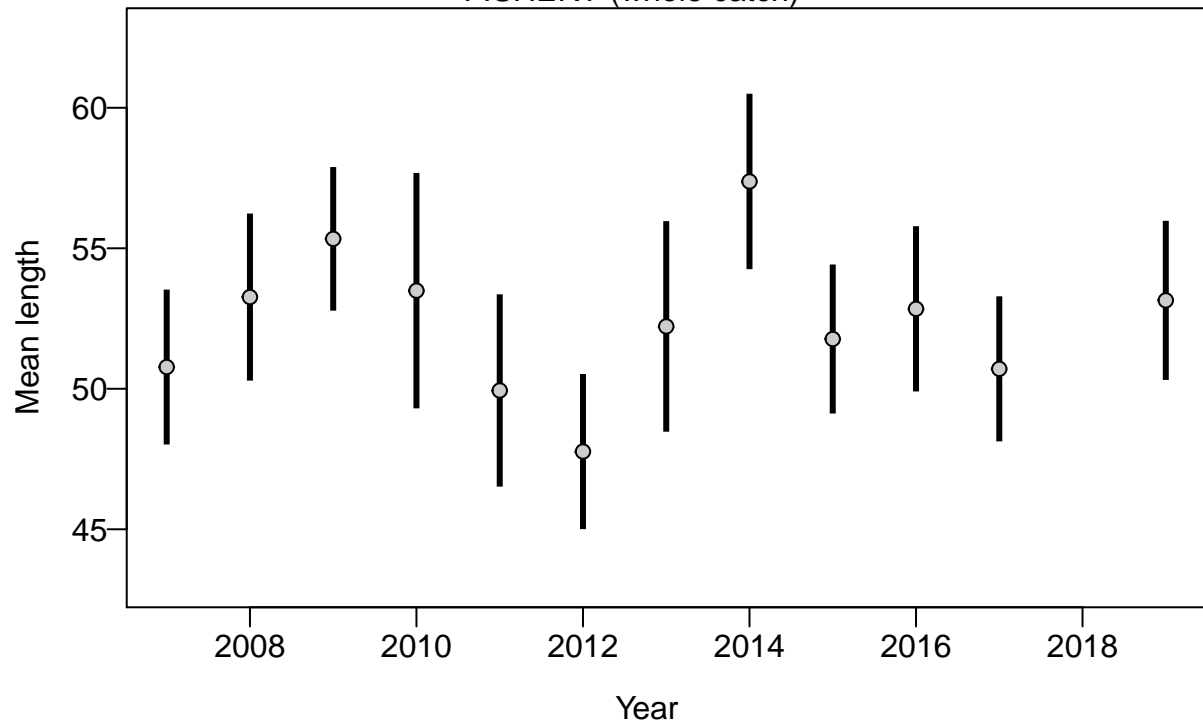
Proportion



Length (cm)

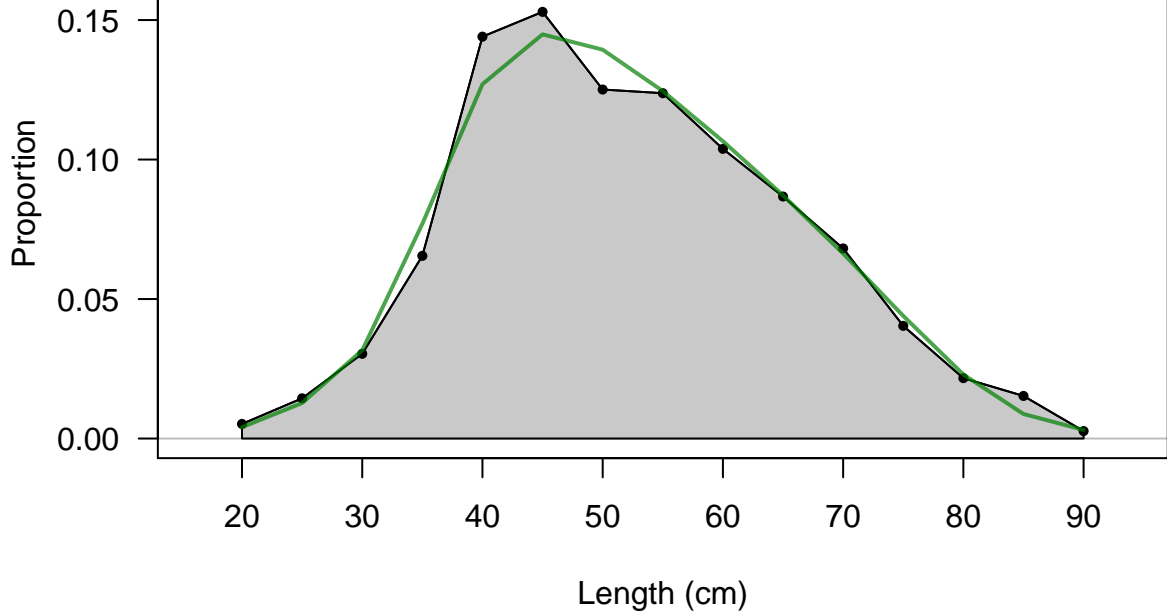


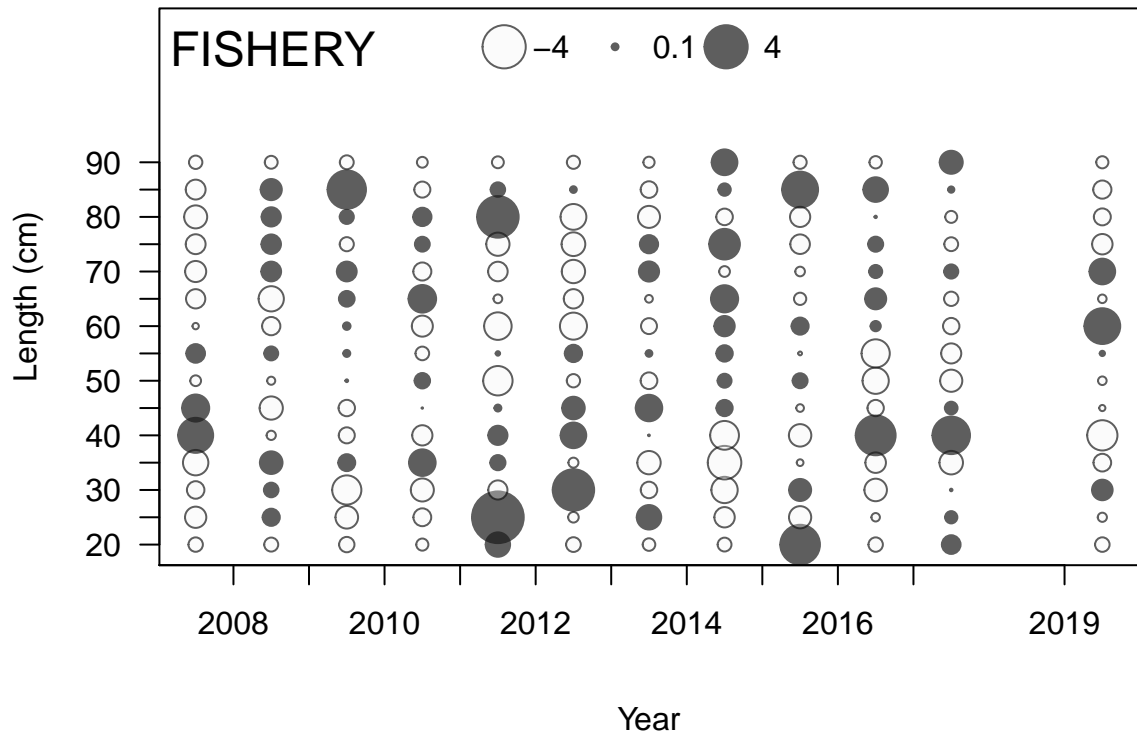
FISHERY (whole catch)



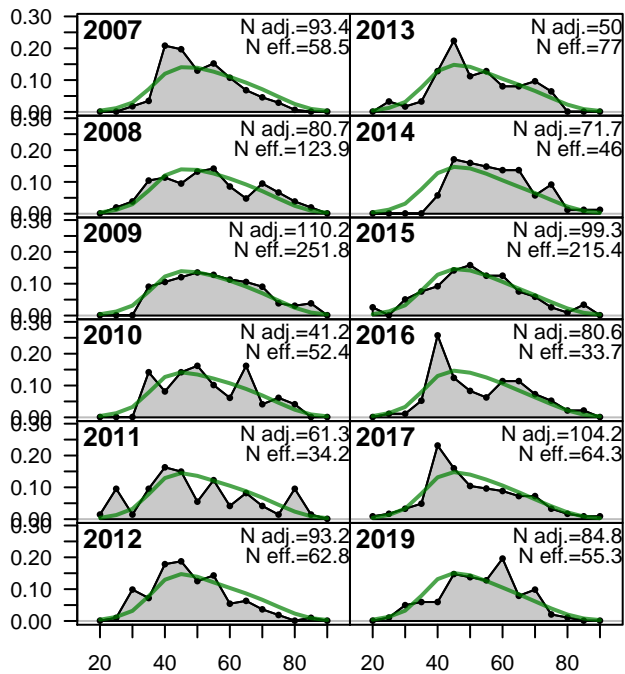
FISHERY

Sum of N adj.=970.8
Sum of N eff.=1075.4

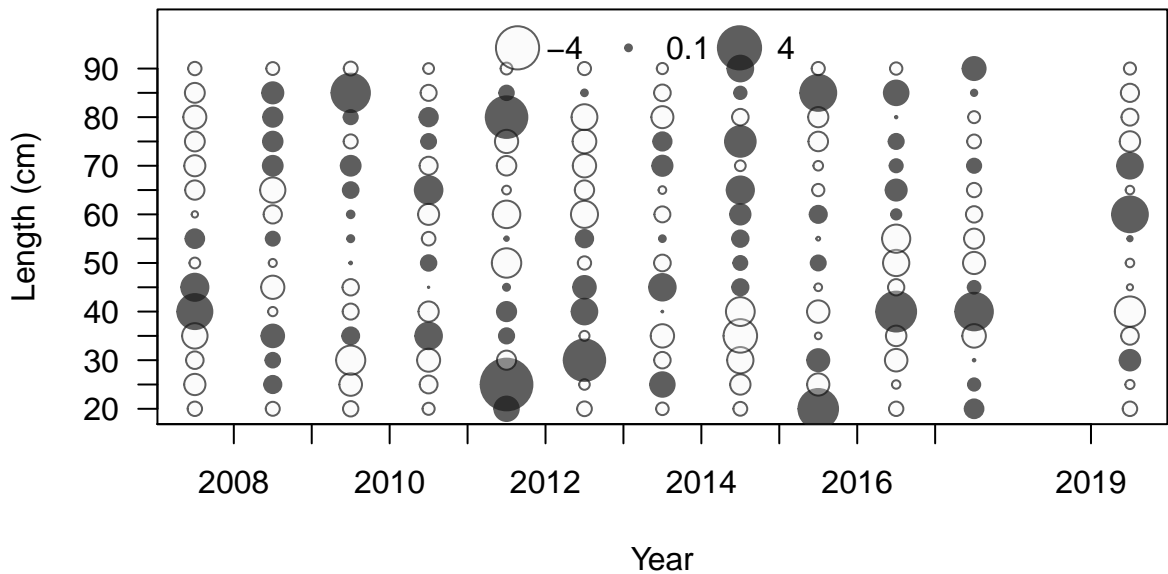




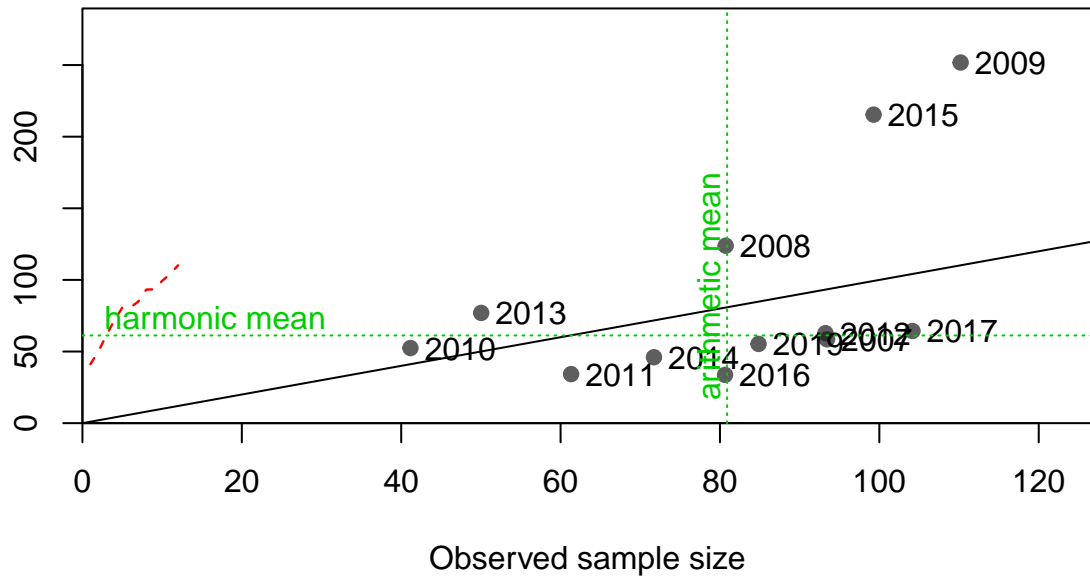
Proportion



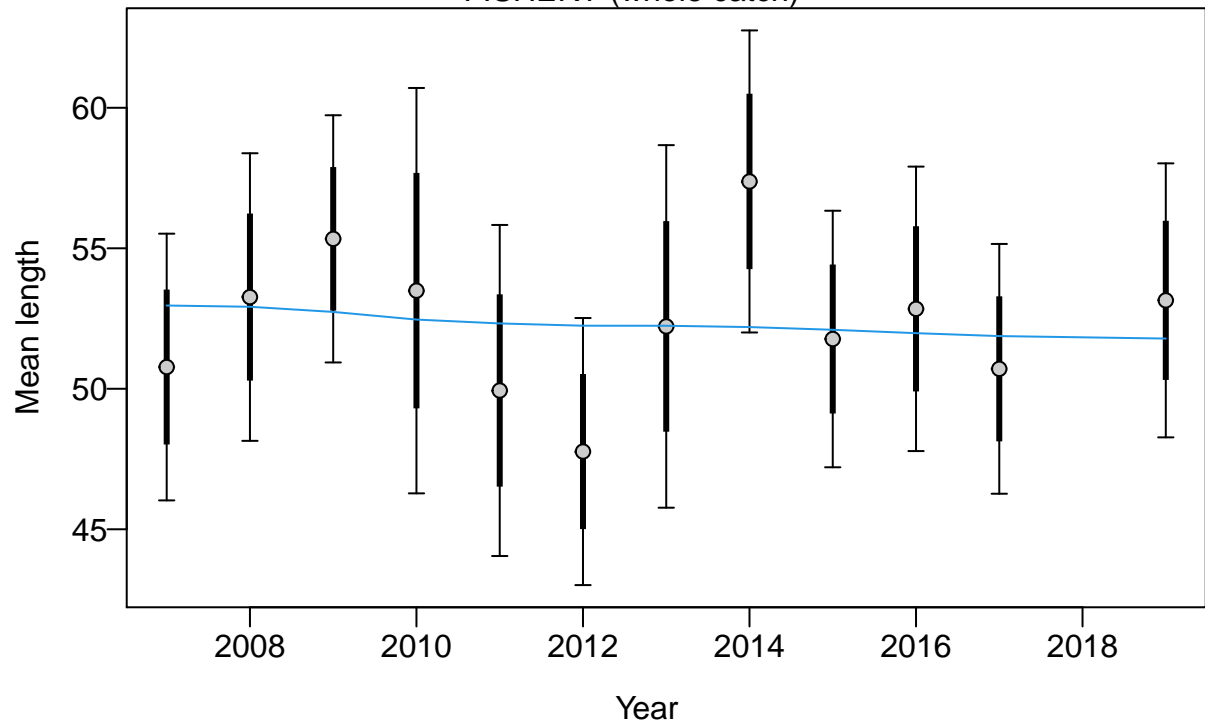
Length (cm)

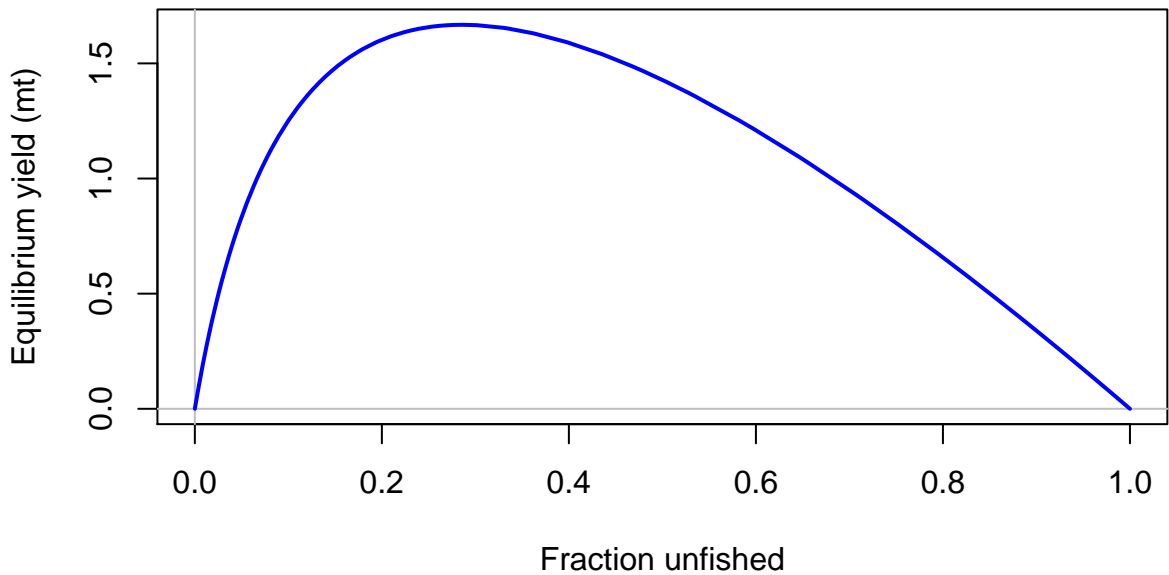


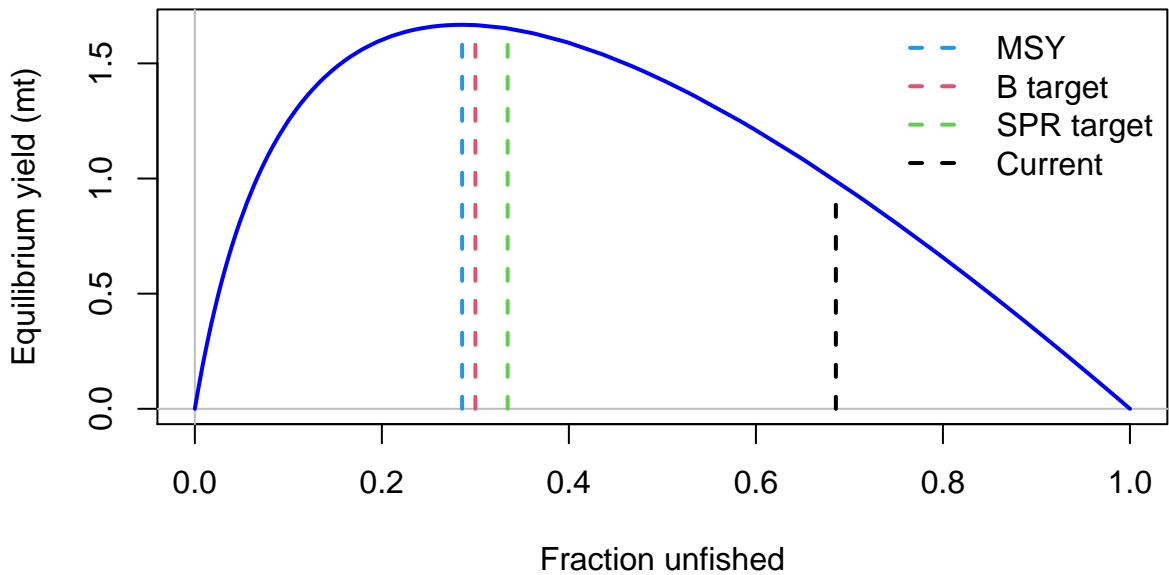
Effective sample size

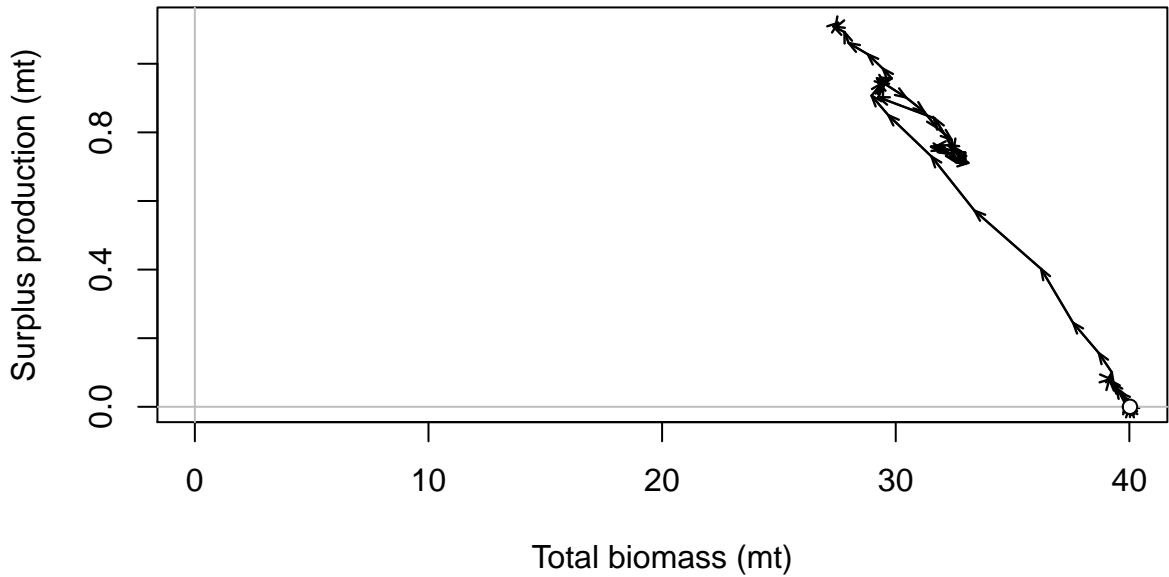


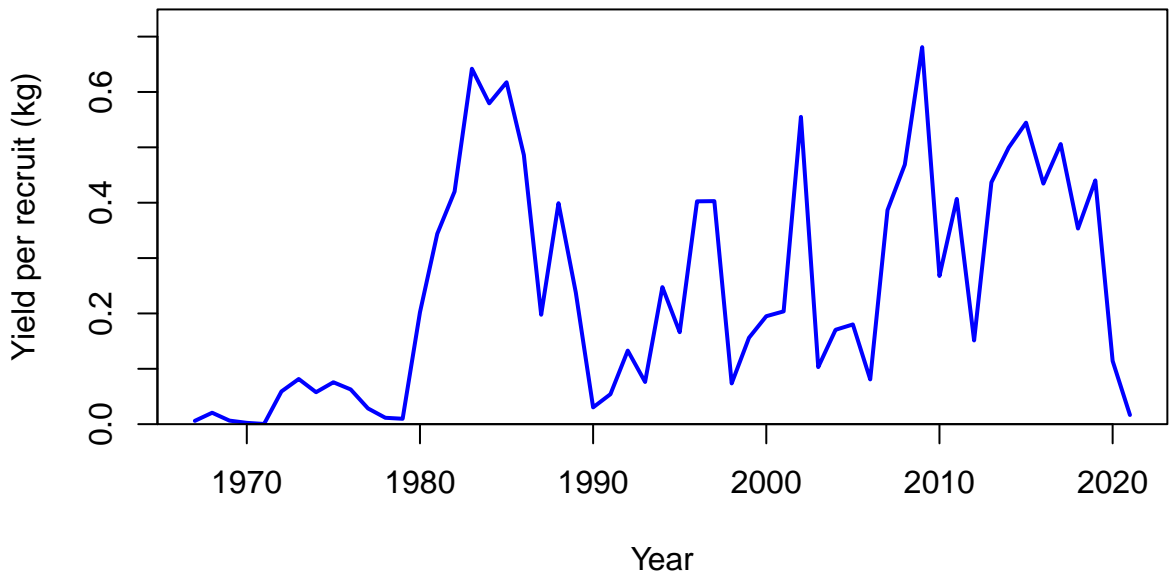
FISHERY (whole catch)

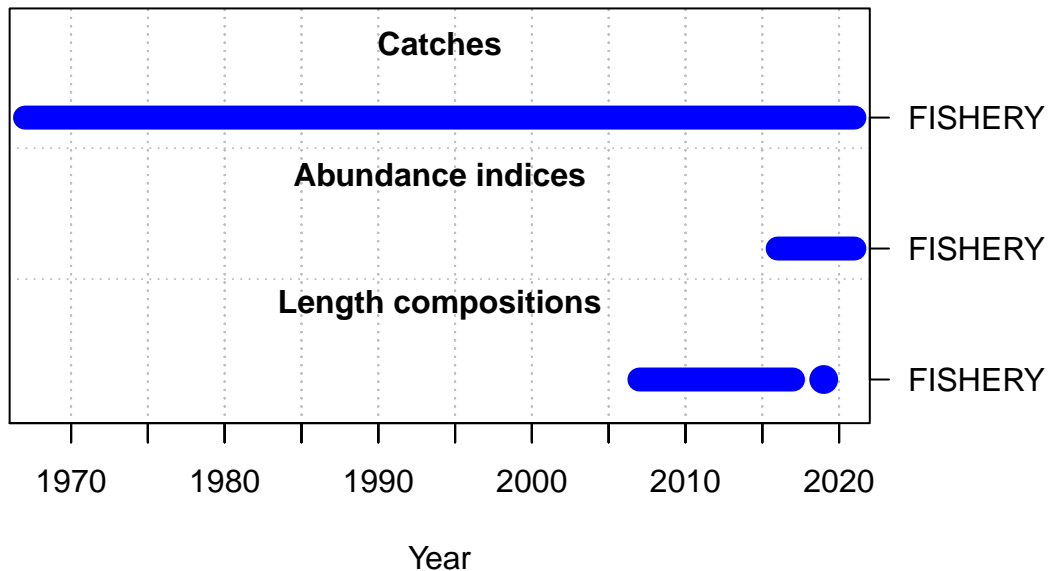


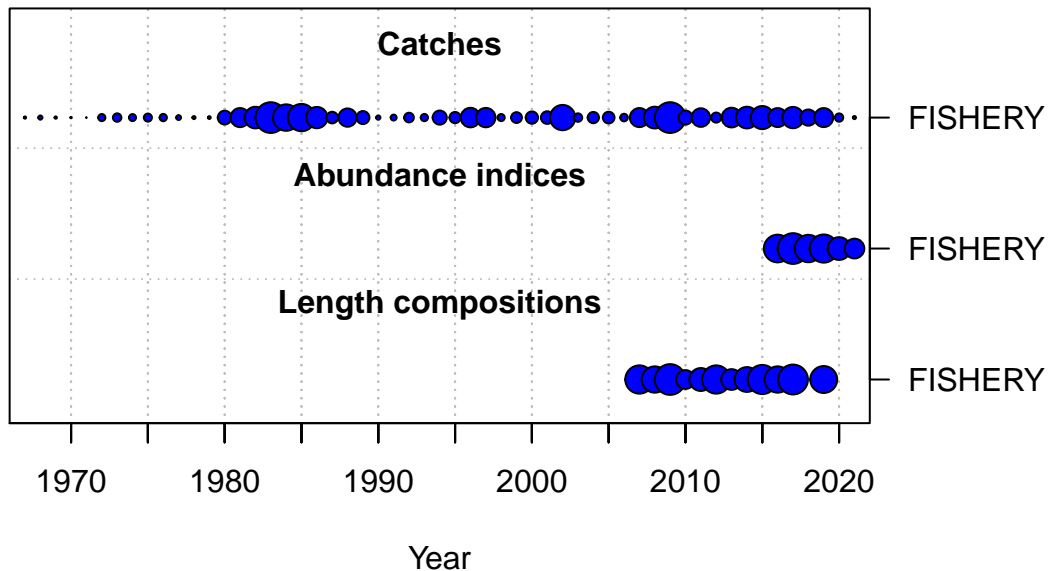




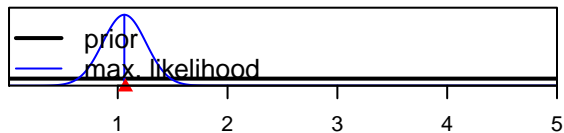




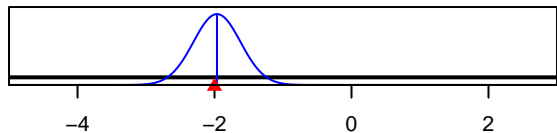




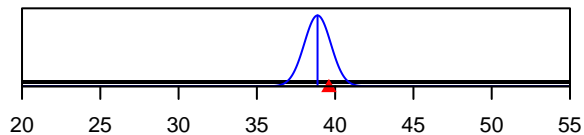
SR_LN(R0)



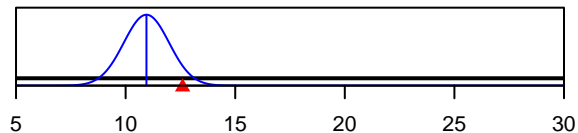
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value