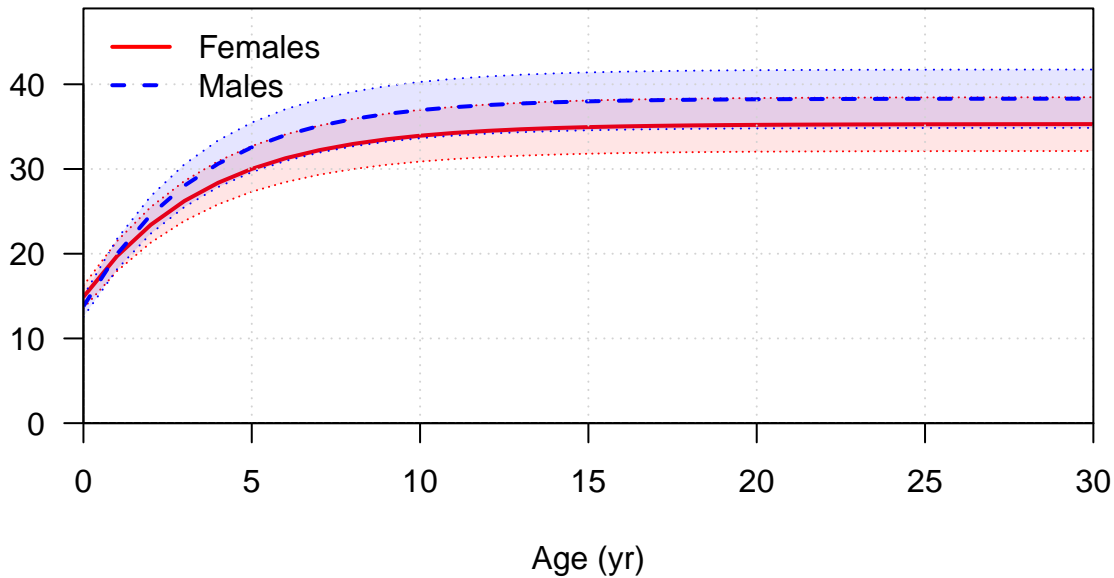


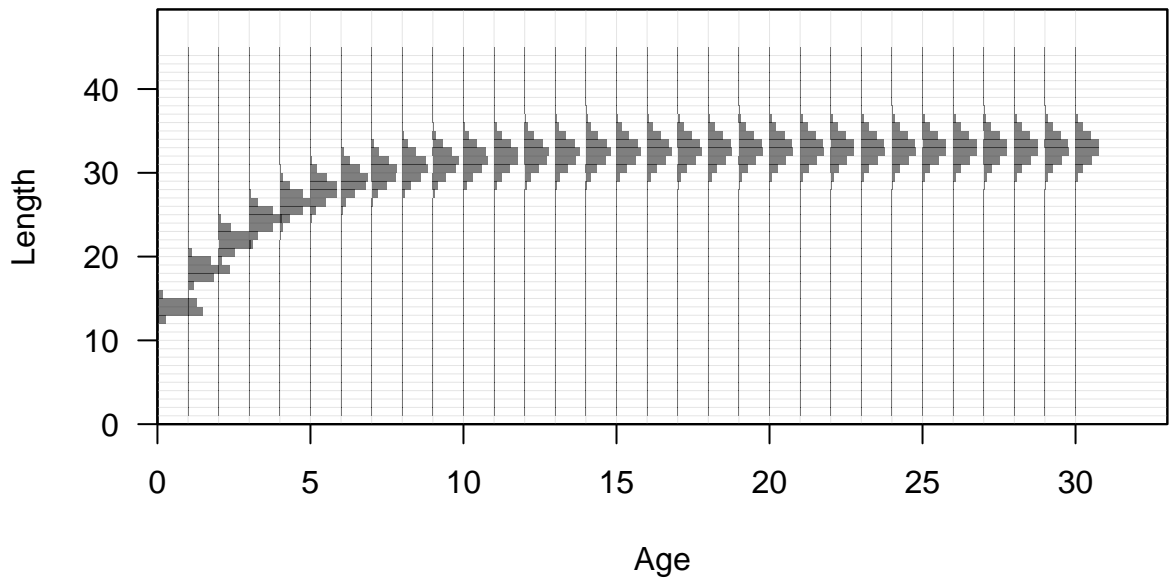
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Wed Aug 24 10:54:13 2022
Data_File: data.ss
Control_File: control.ss

Length (cm, beginning of the year)





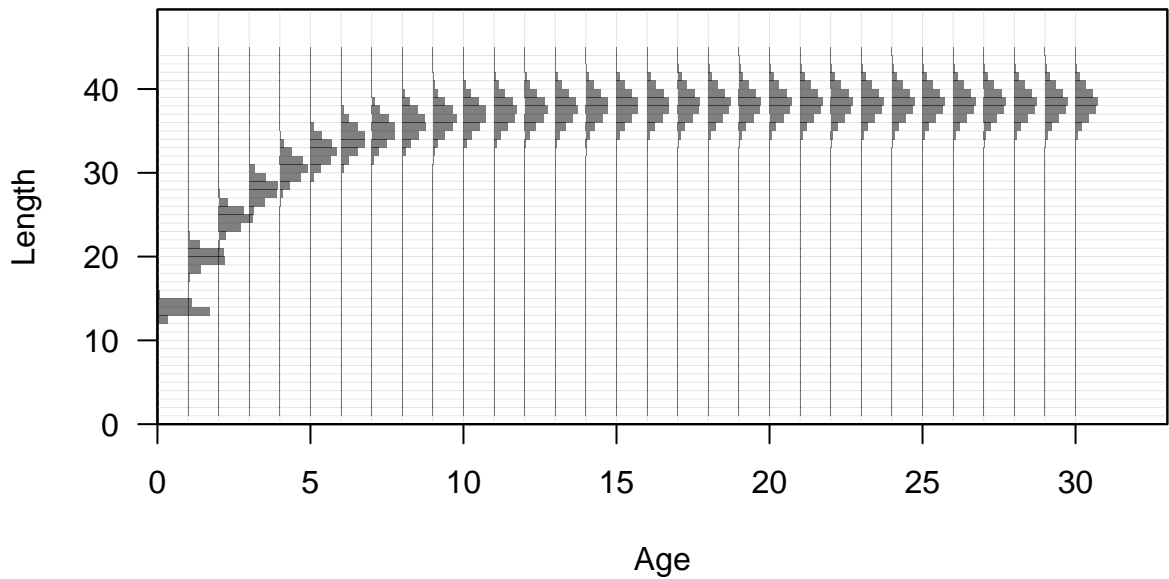














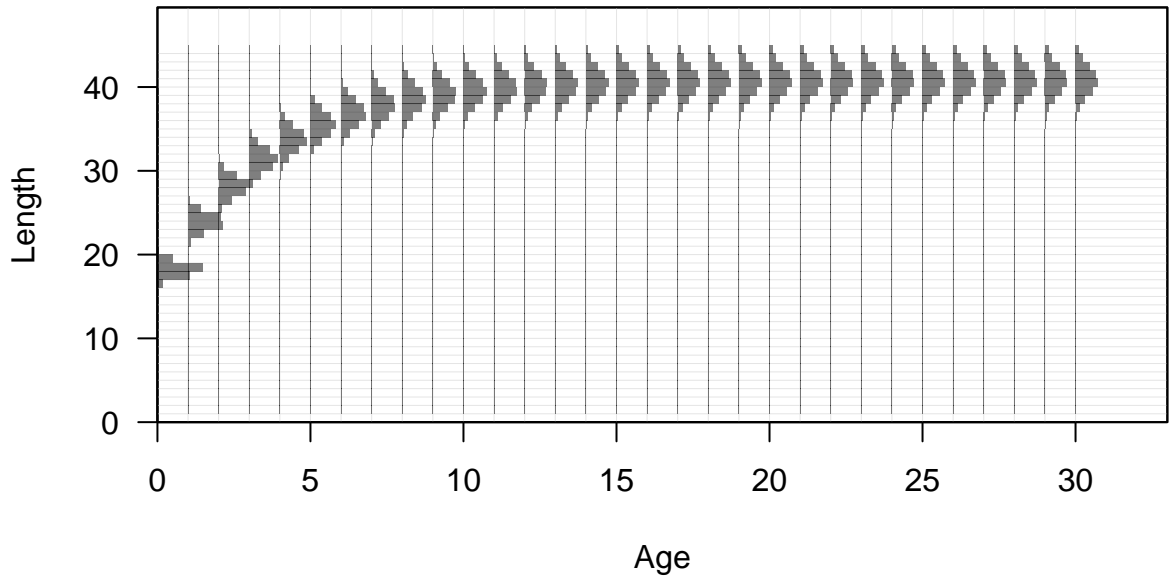
















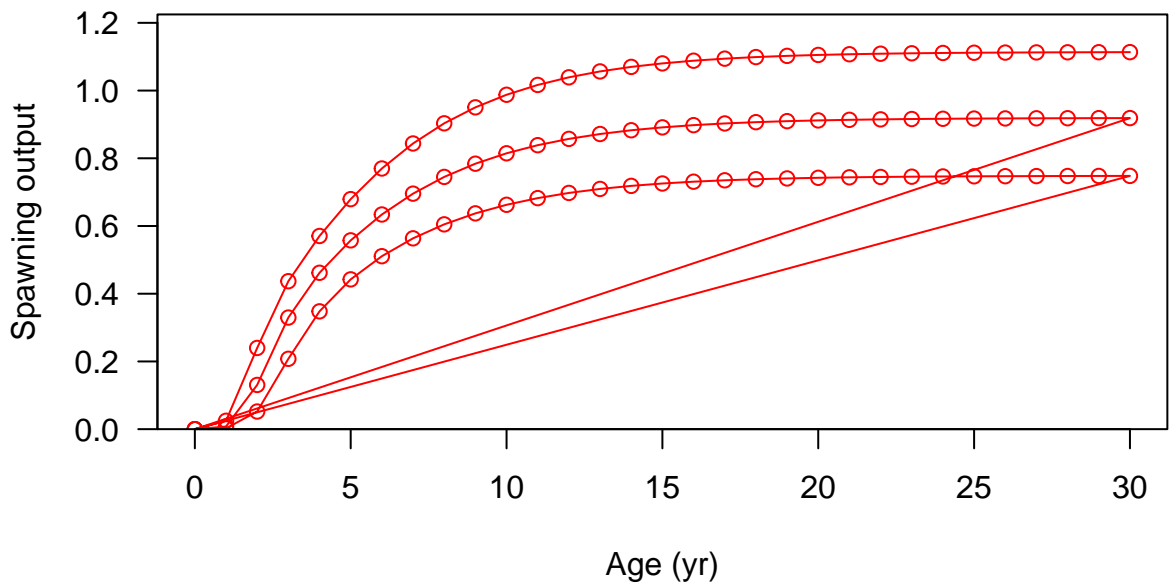




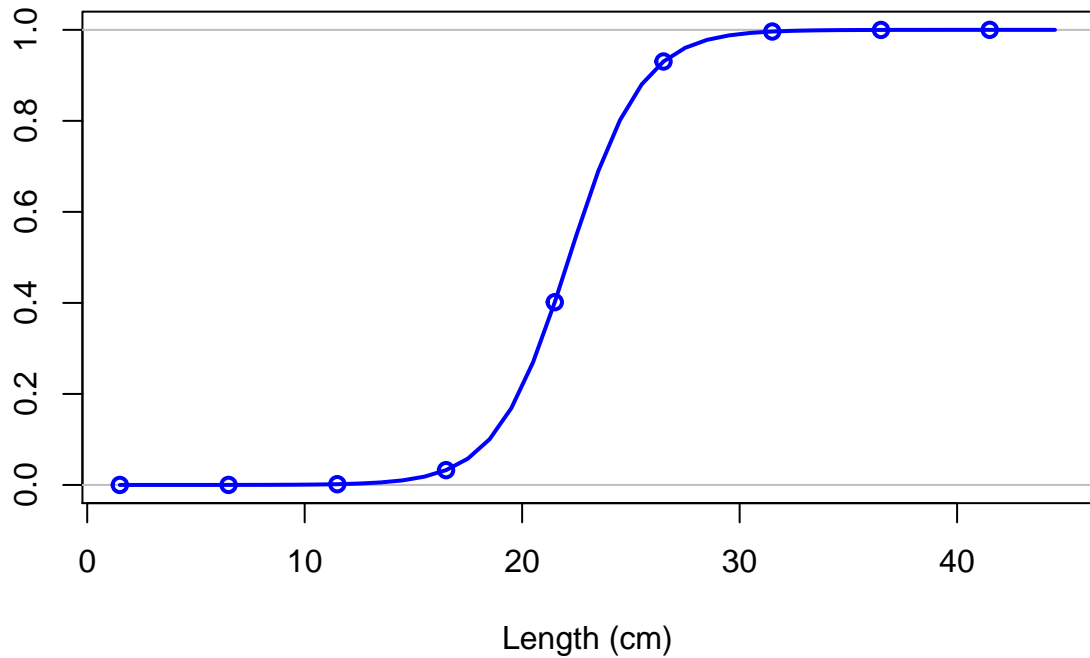




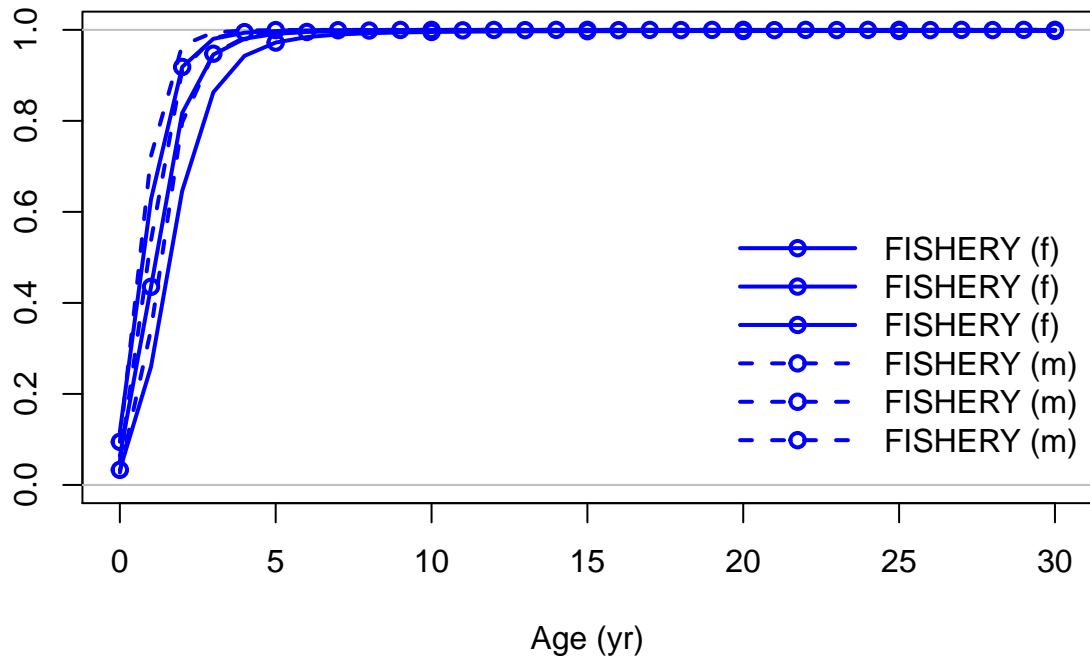




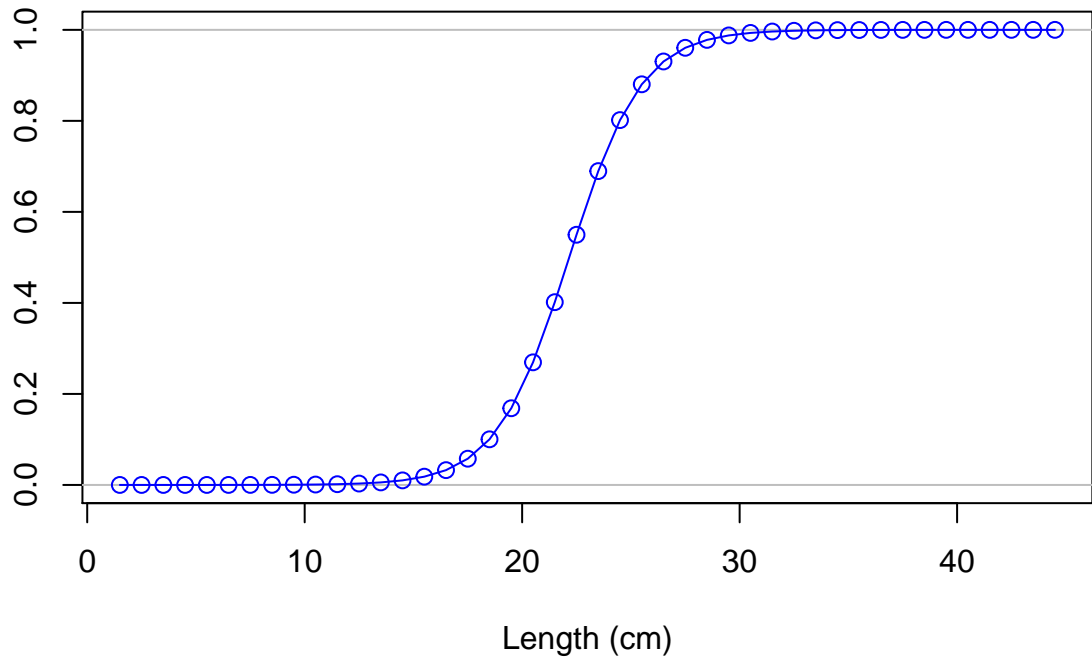
Selectivity



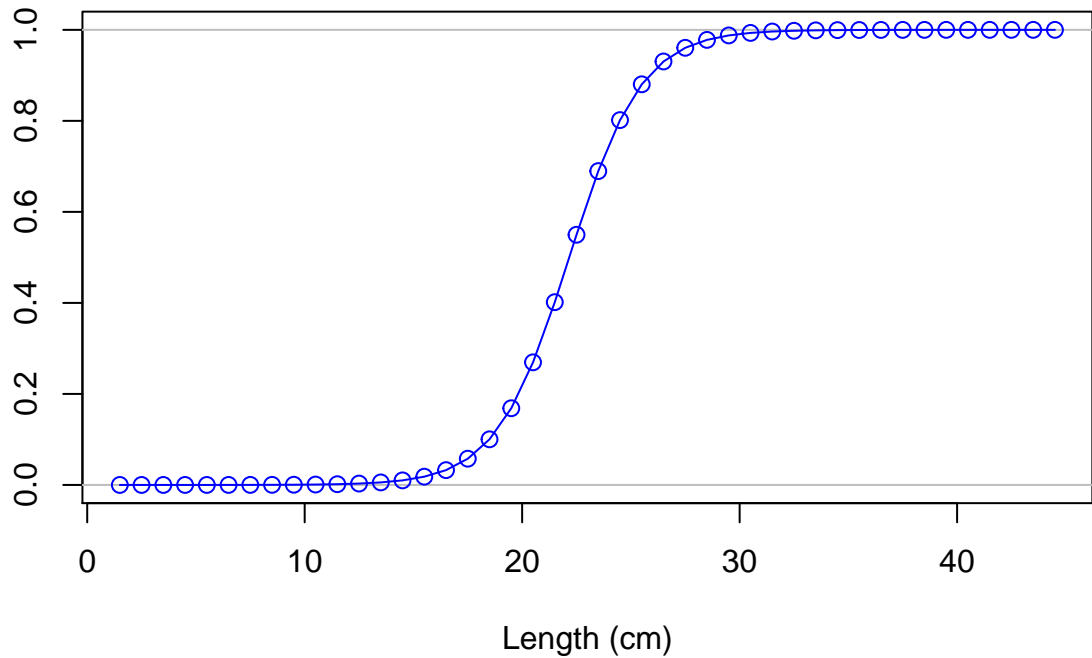
Selectivity

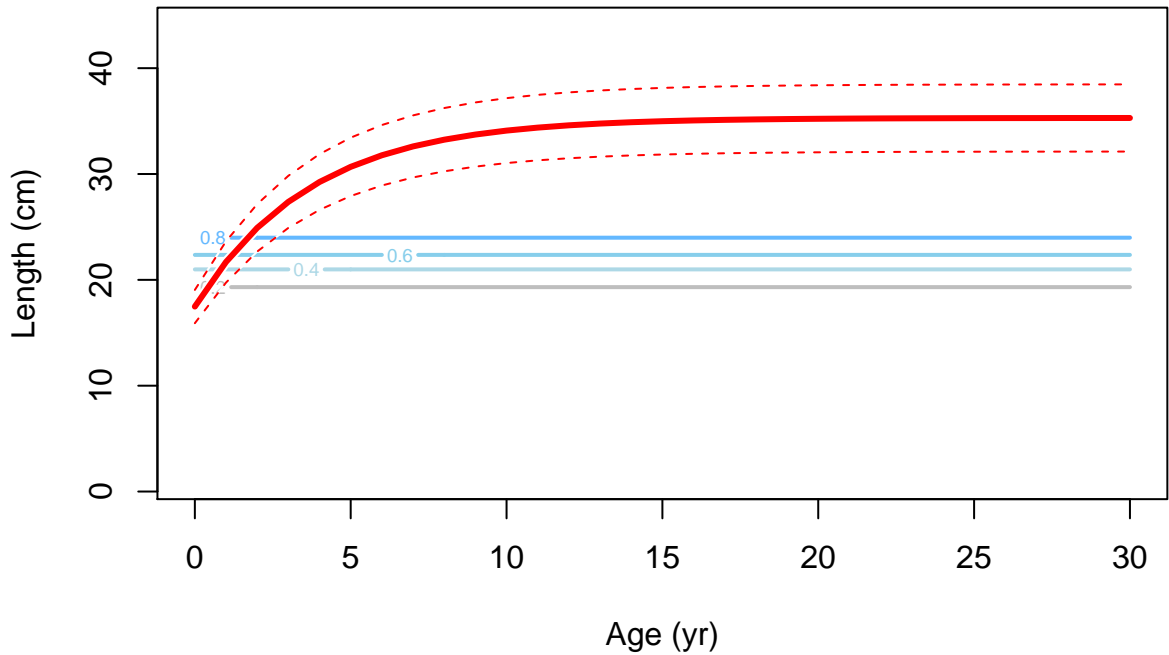


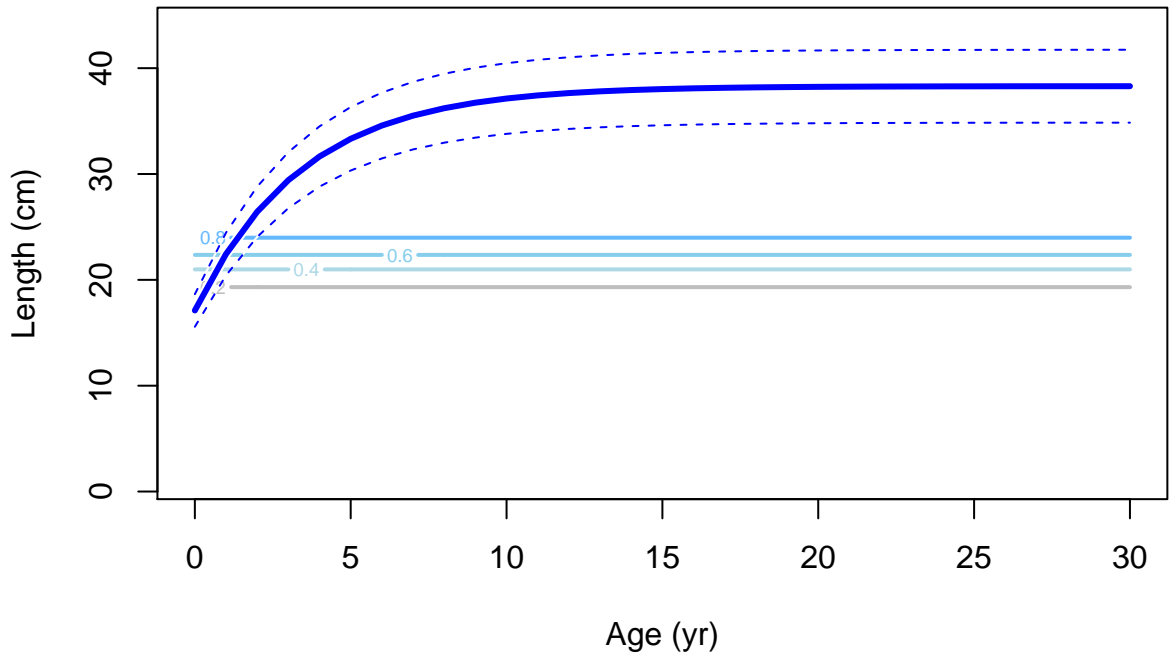
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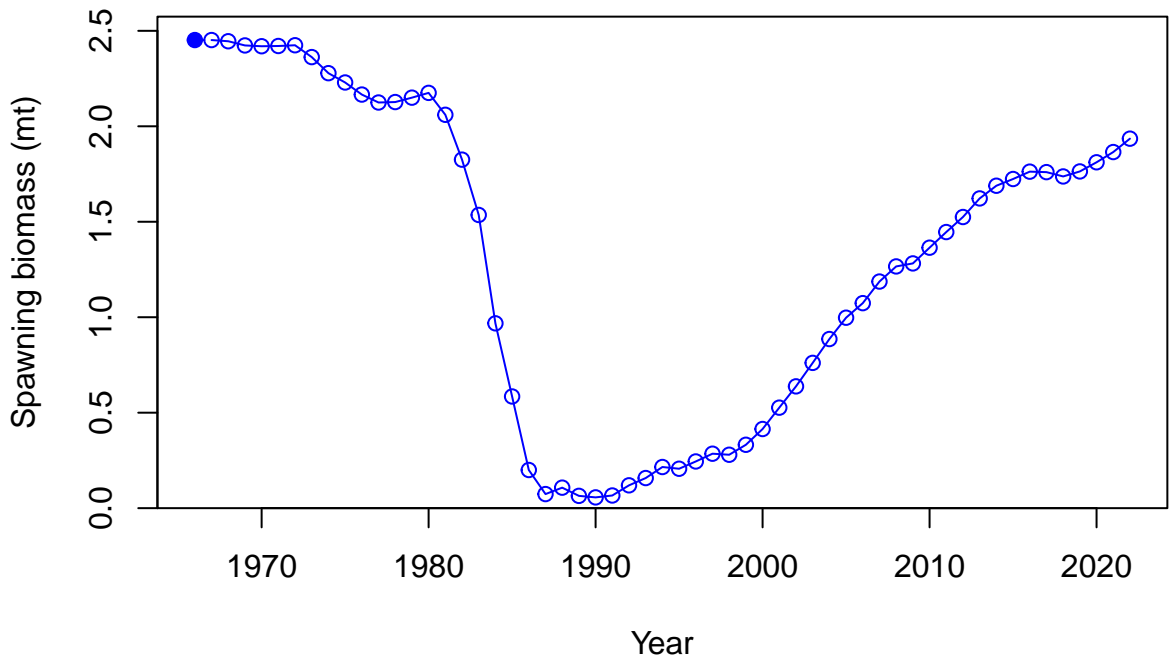


Selectivity

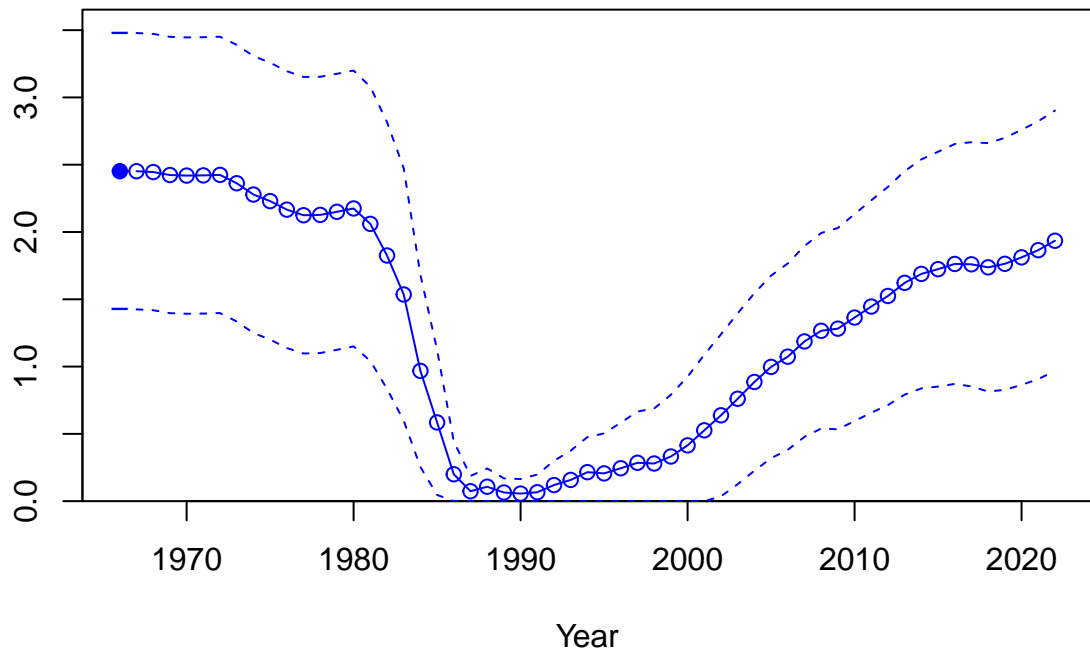




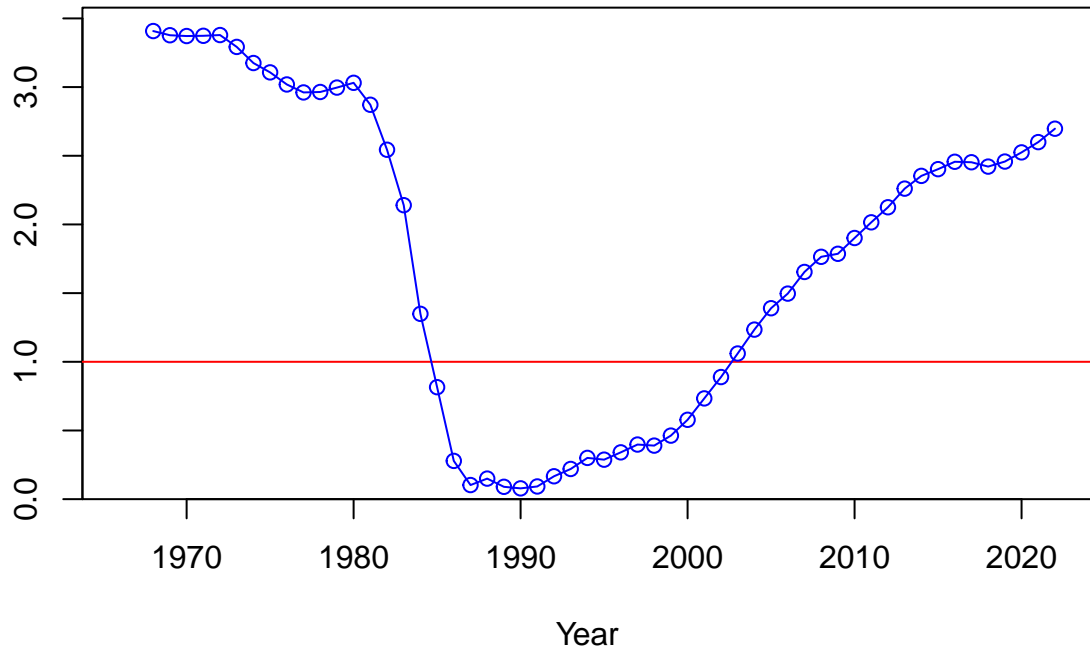




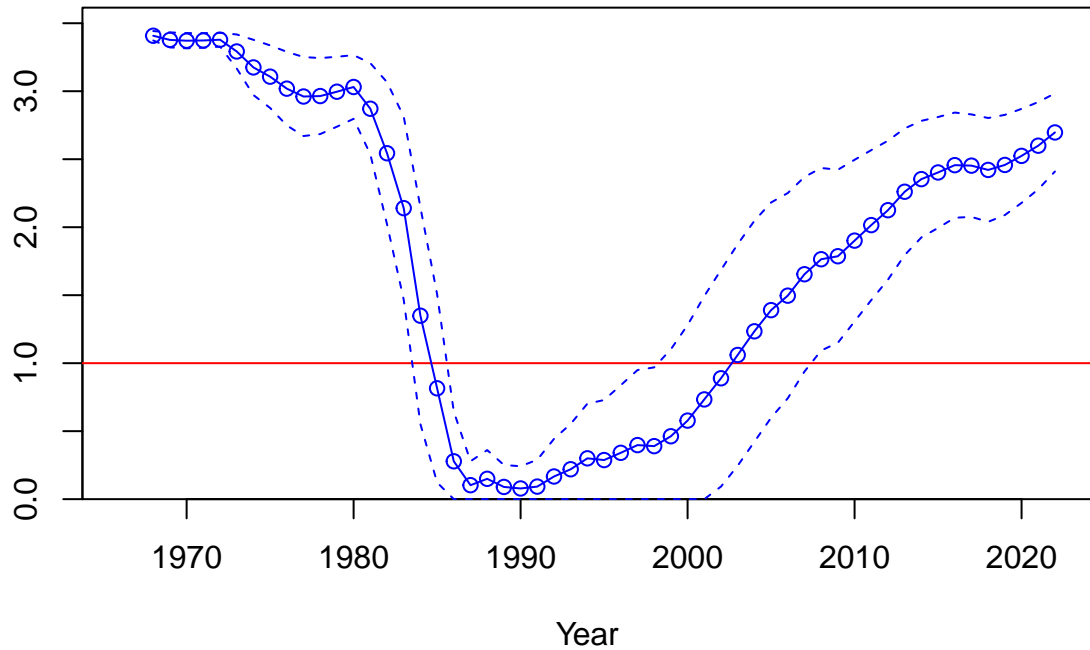
Spawning biomass (mt)

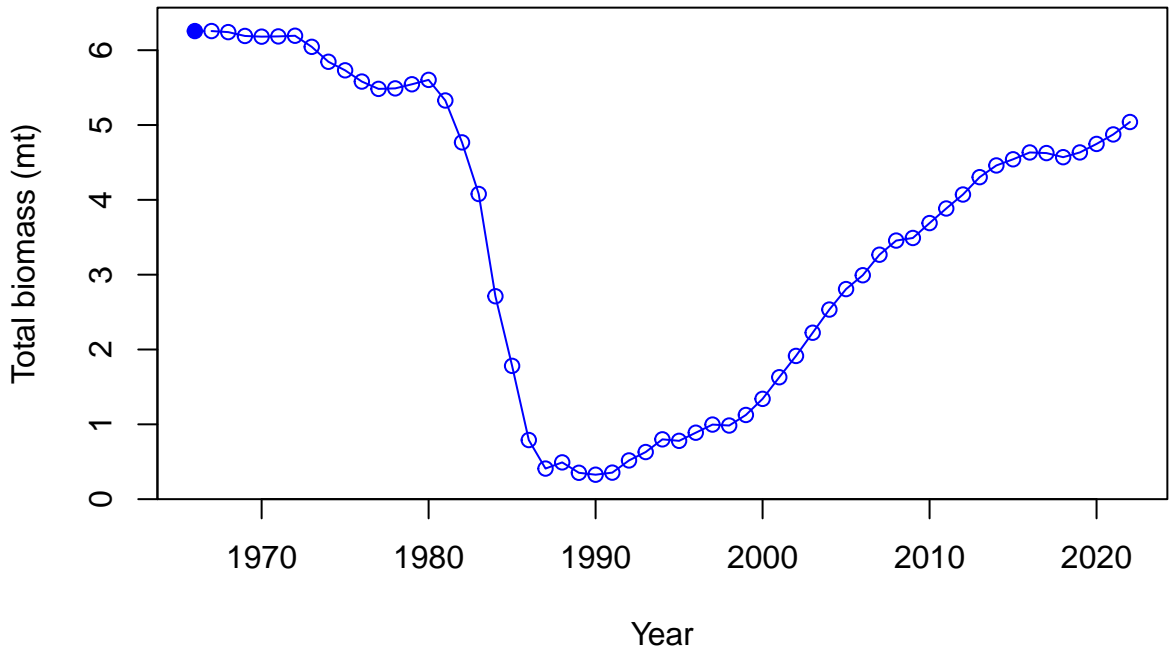


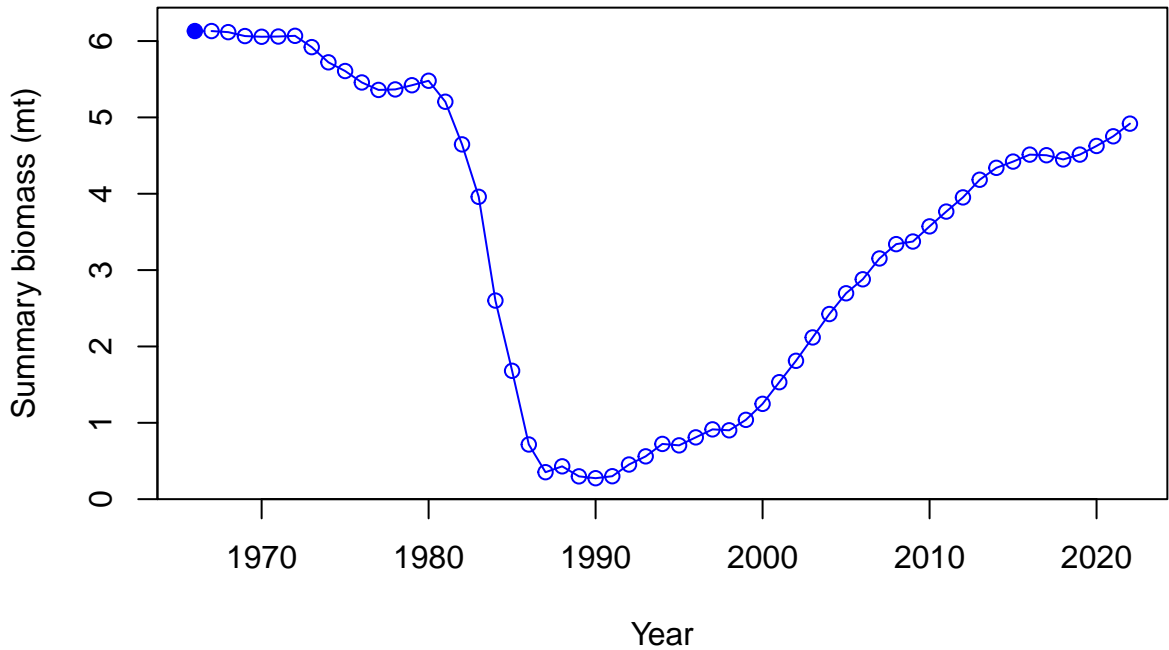
Relative spawning biomass: B/B_{MSY}



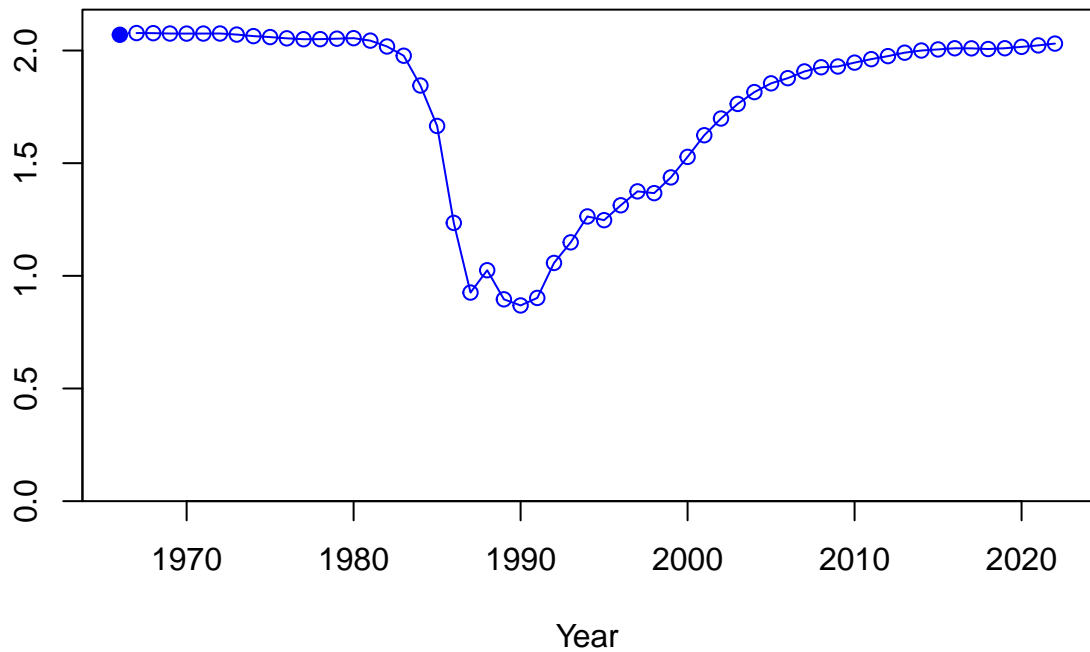
Relative spawning biomass: B/B_{MSY}



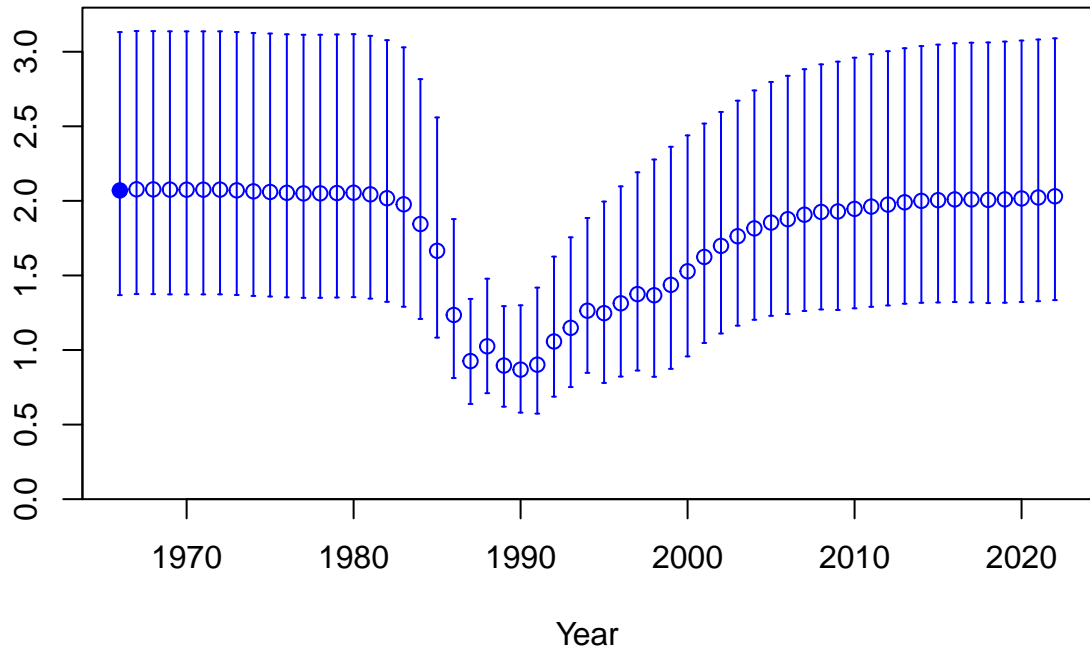




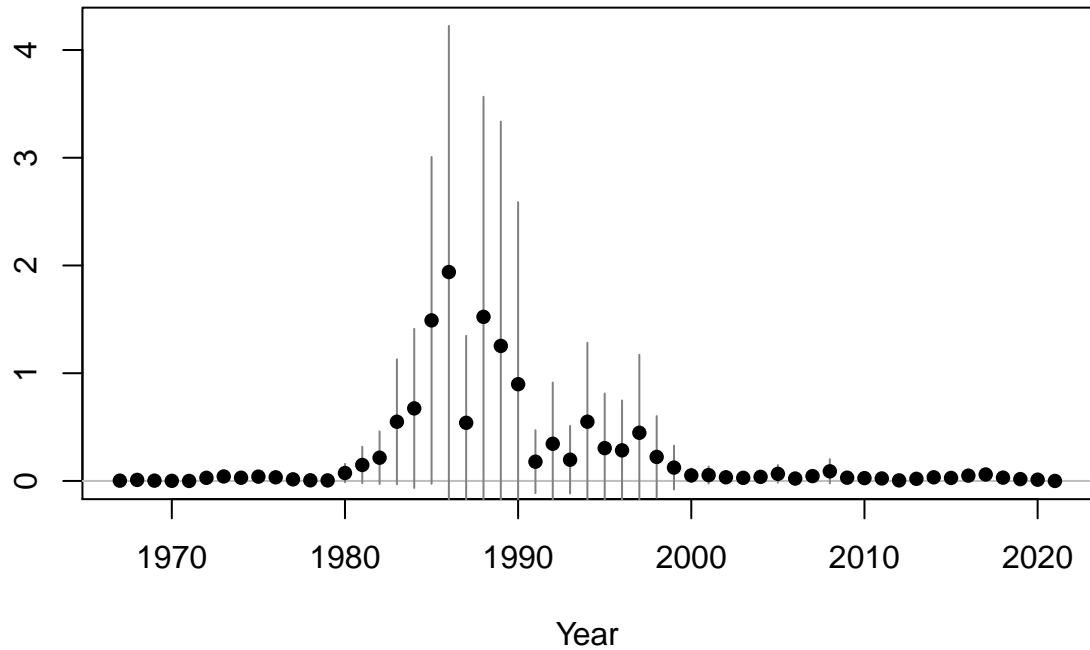
Age-0 recruits (1,000s)

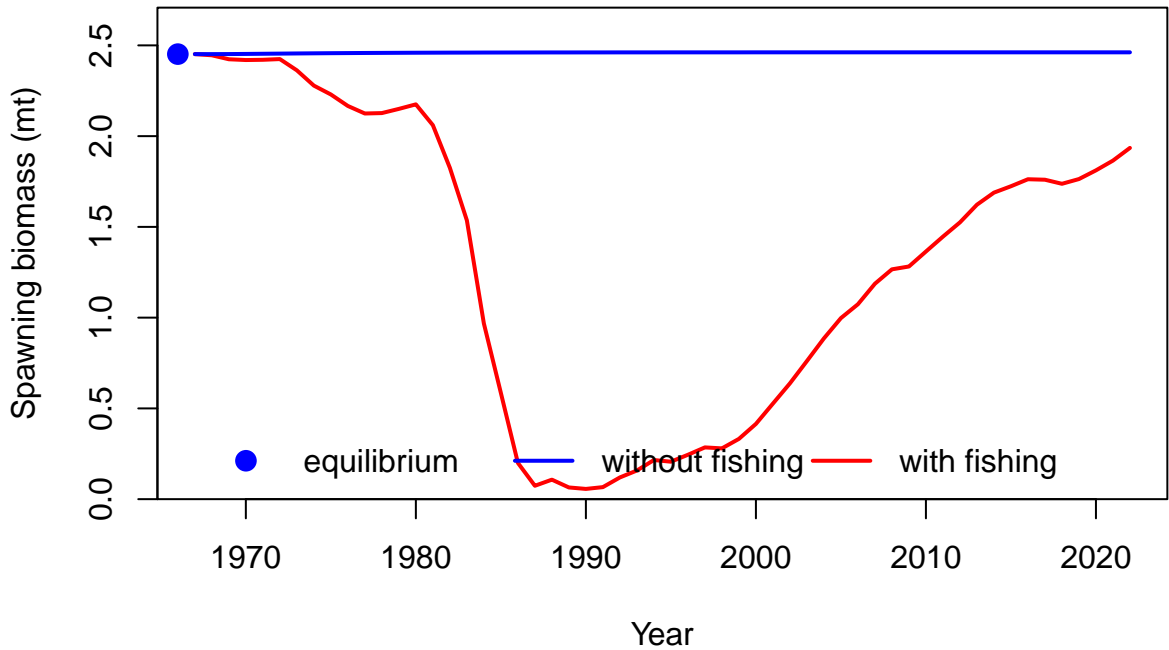


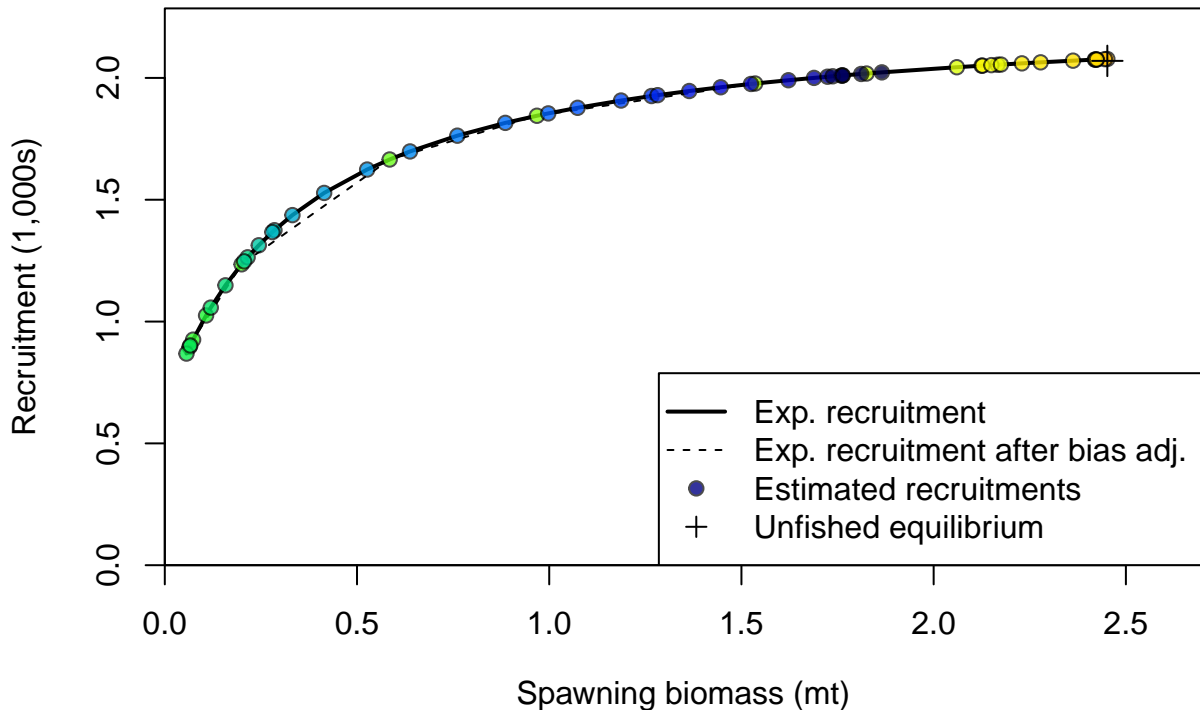
Age-0 recruits (1,000s)

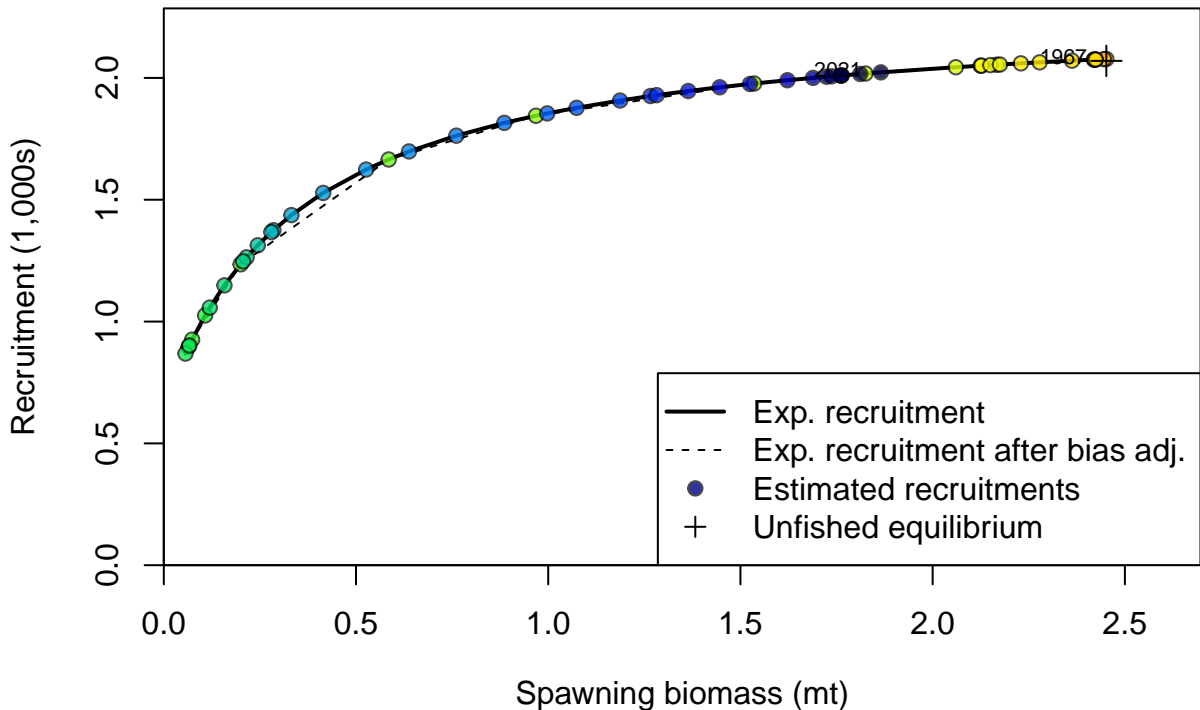


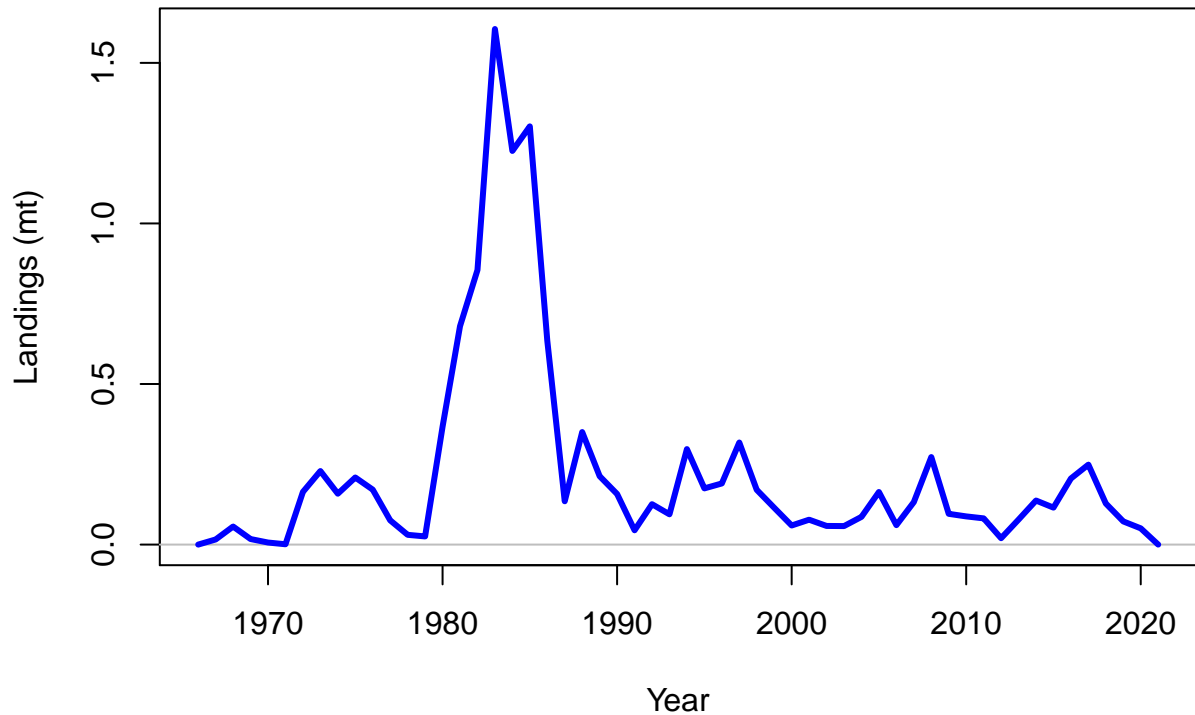
Summary Fishing Mortality

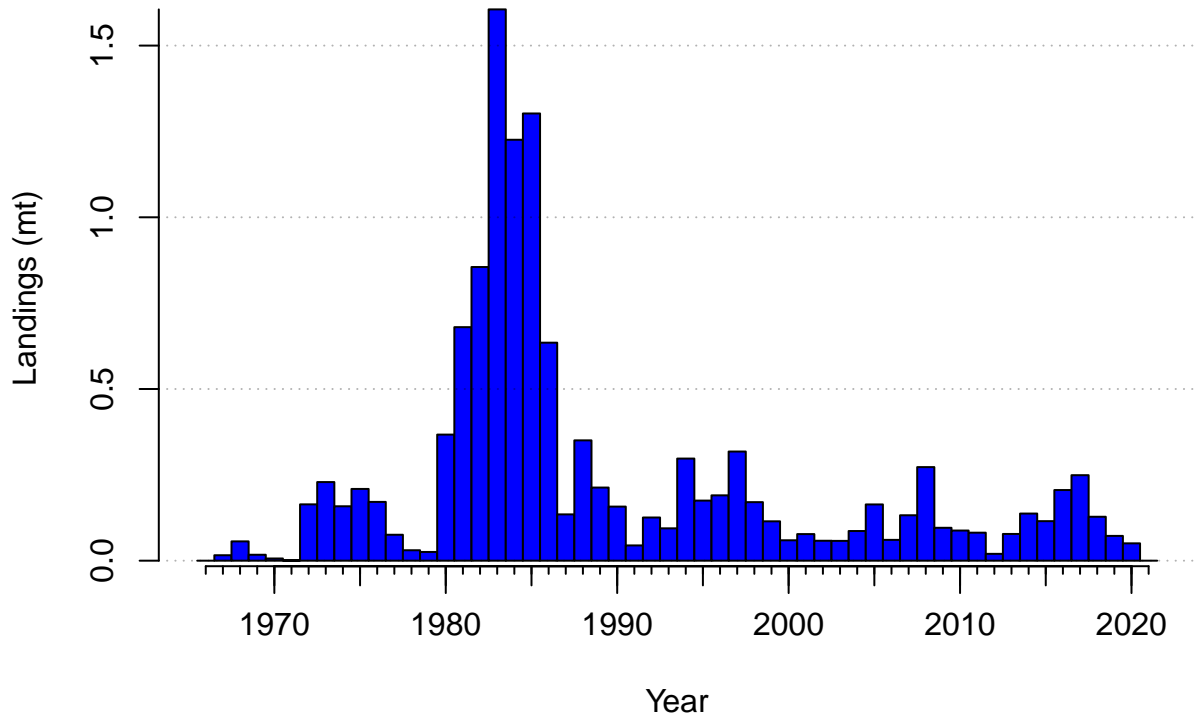


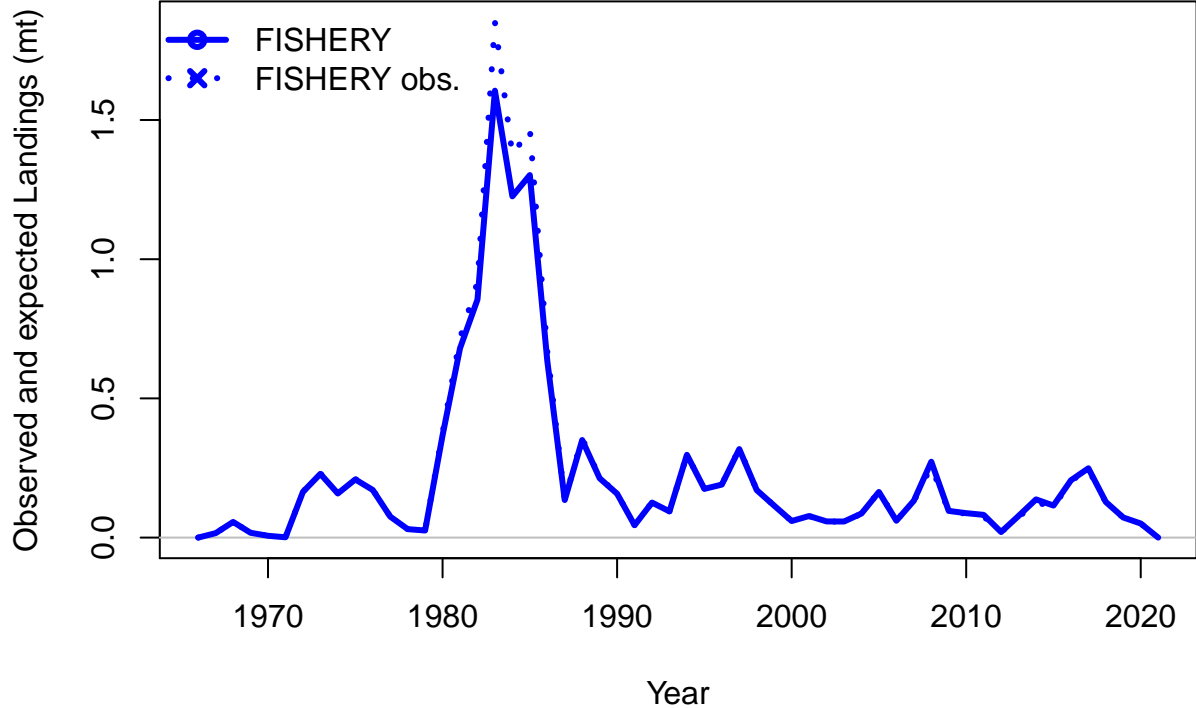


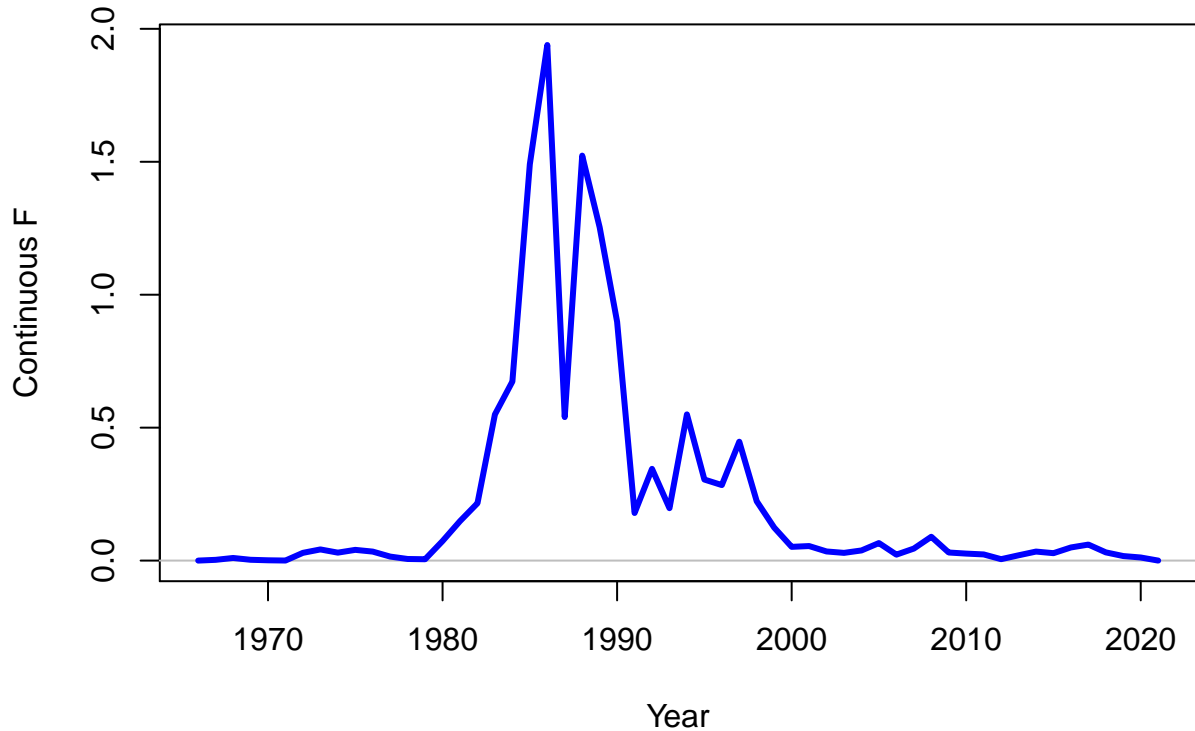




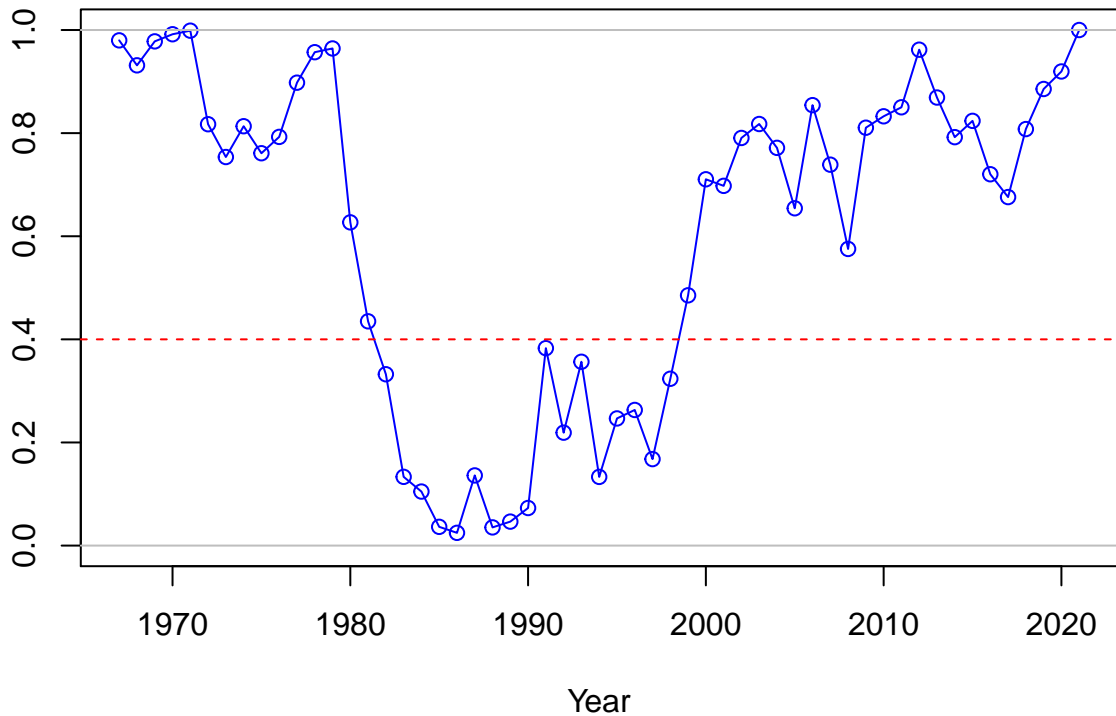




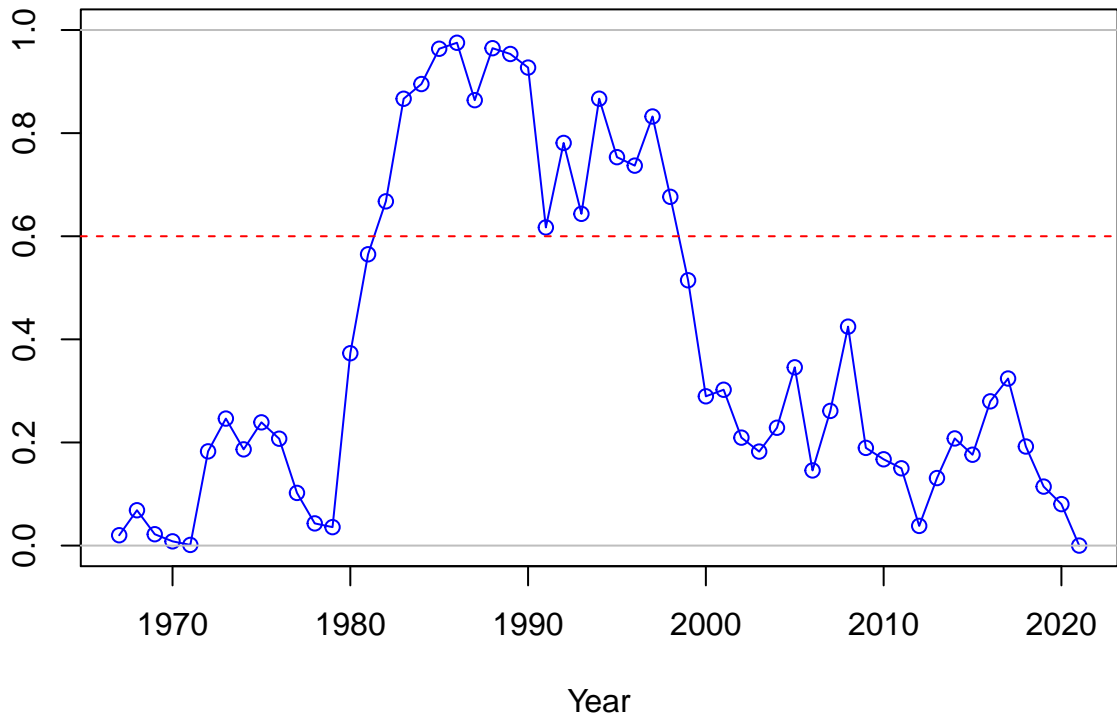




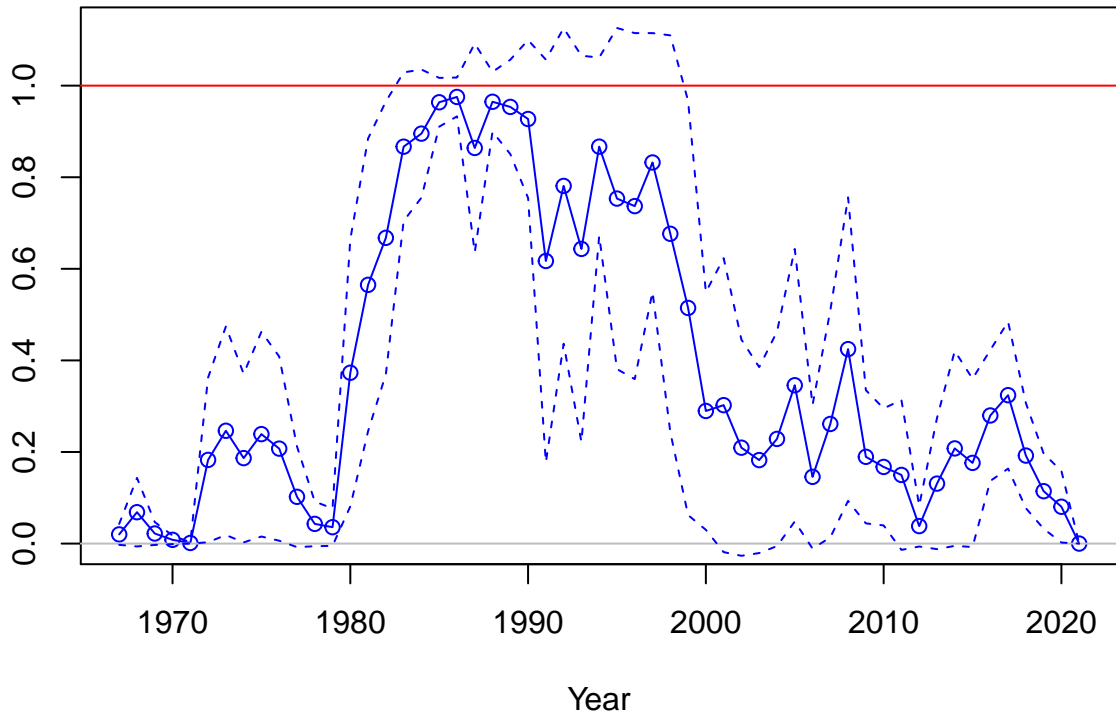
SPR



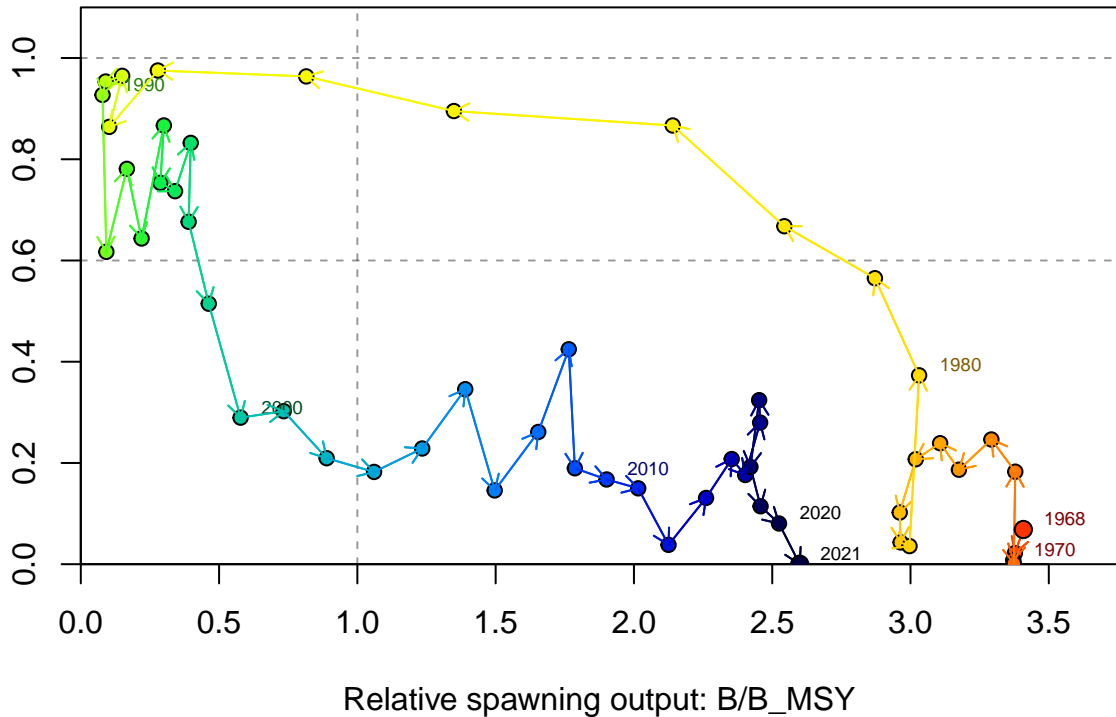
1-SPR



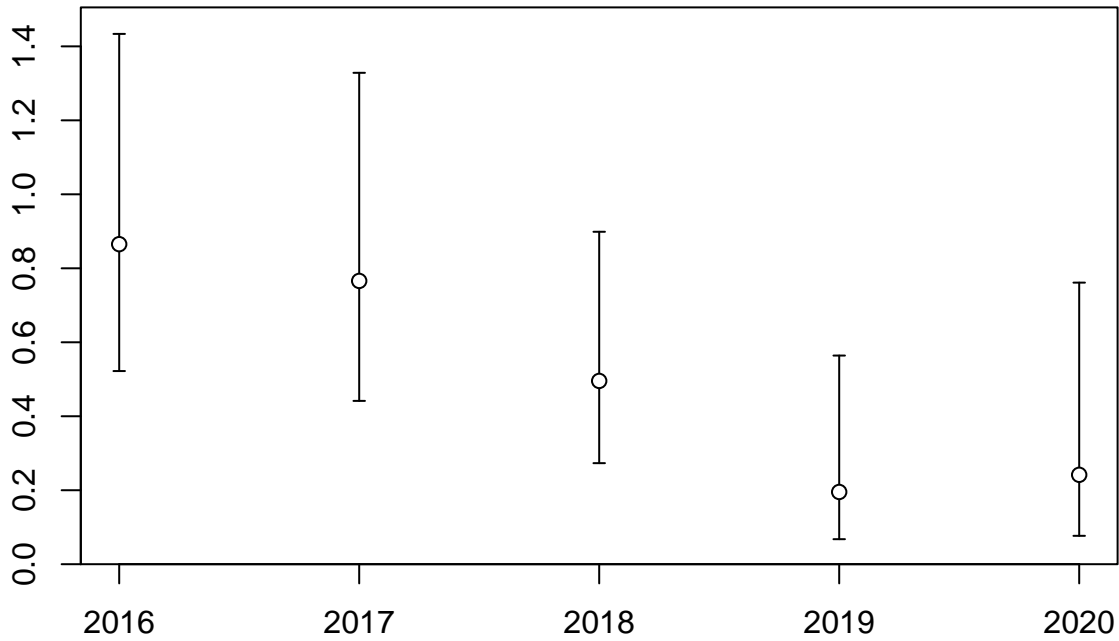
Fishing intensity: 1-SPR



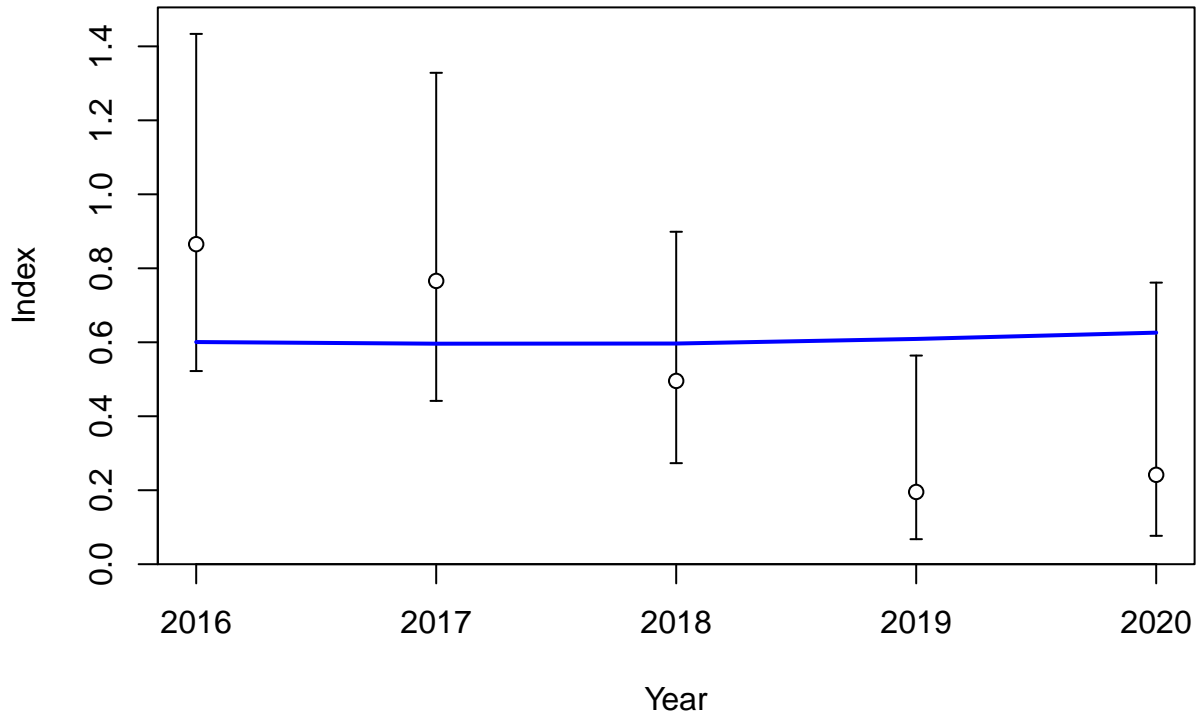
Fishing intensity: 1-SPR

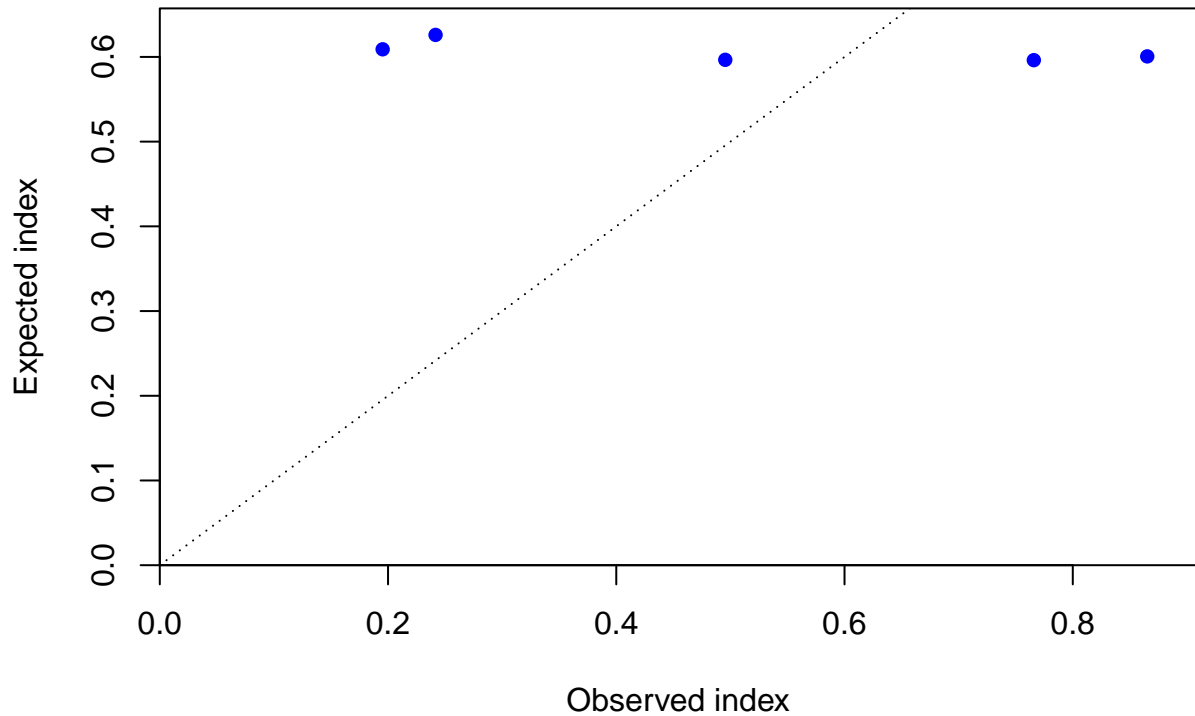


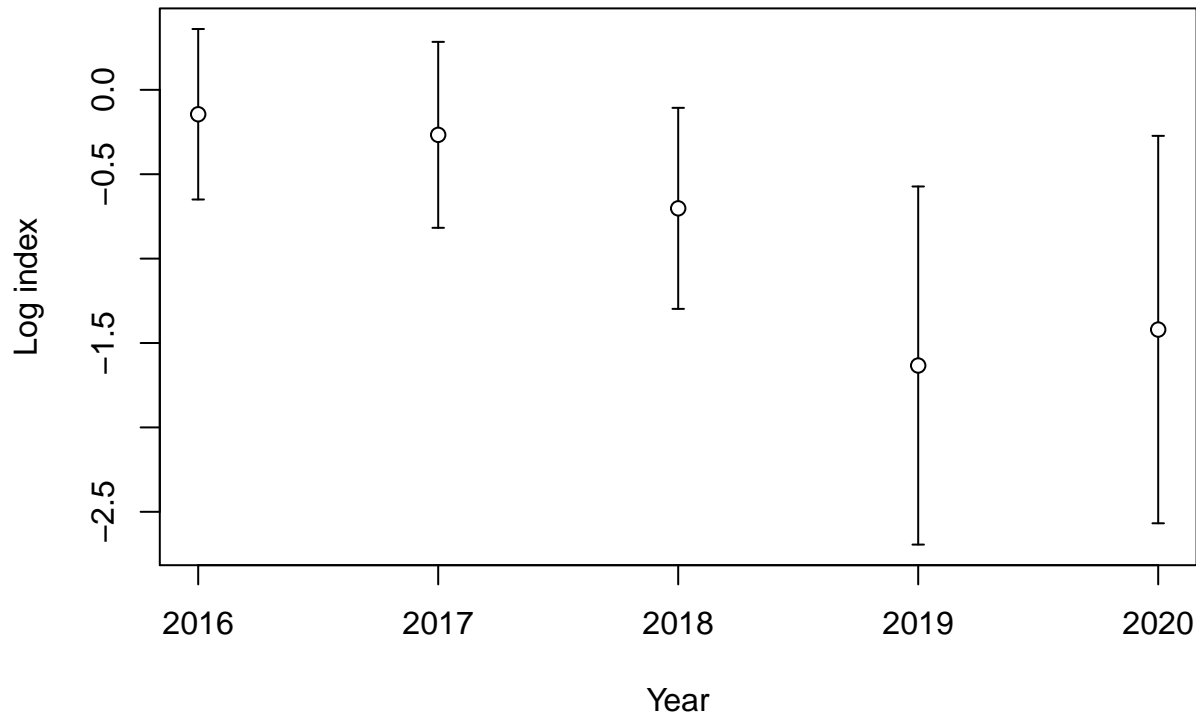
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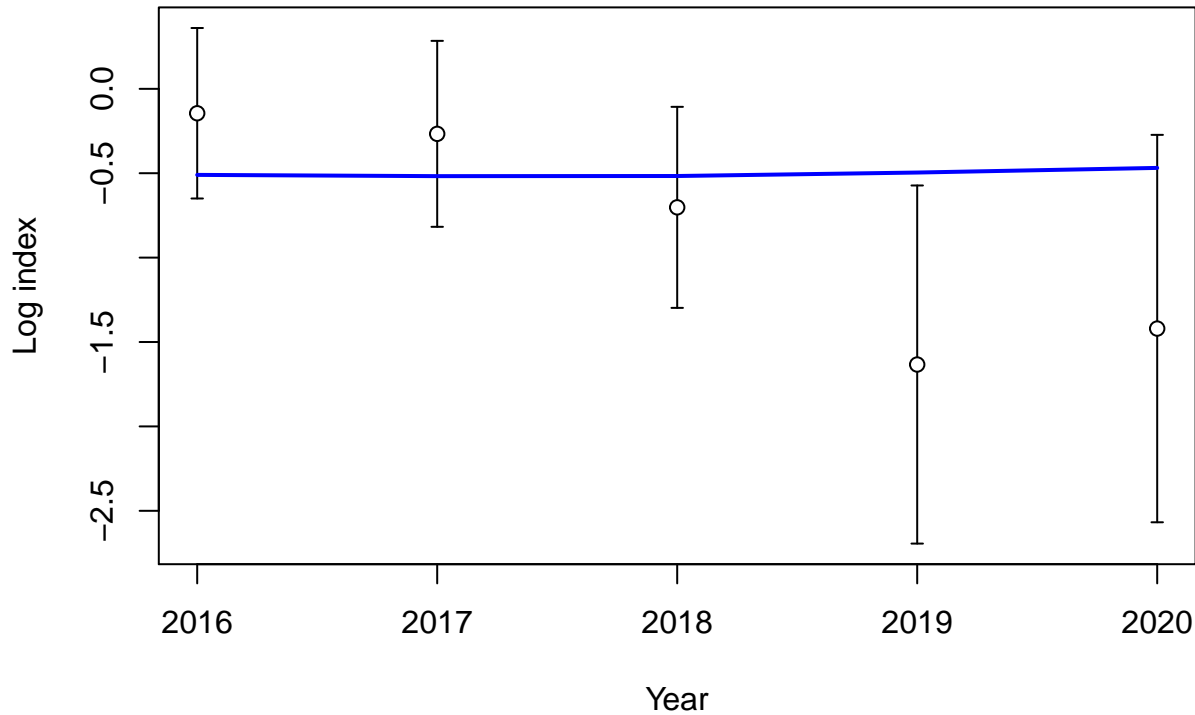


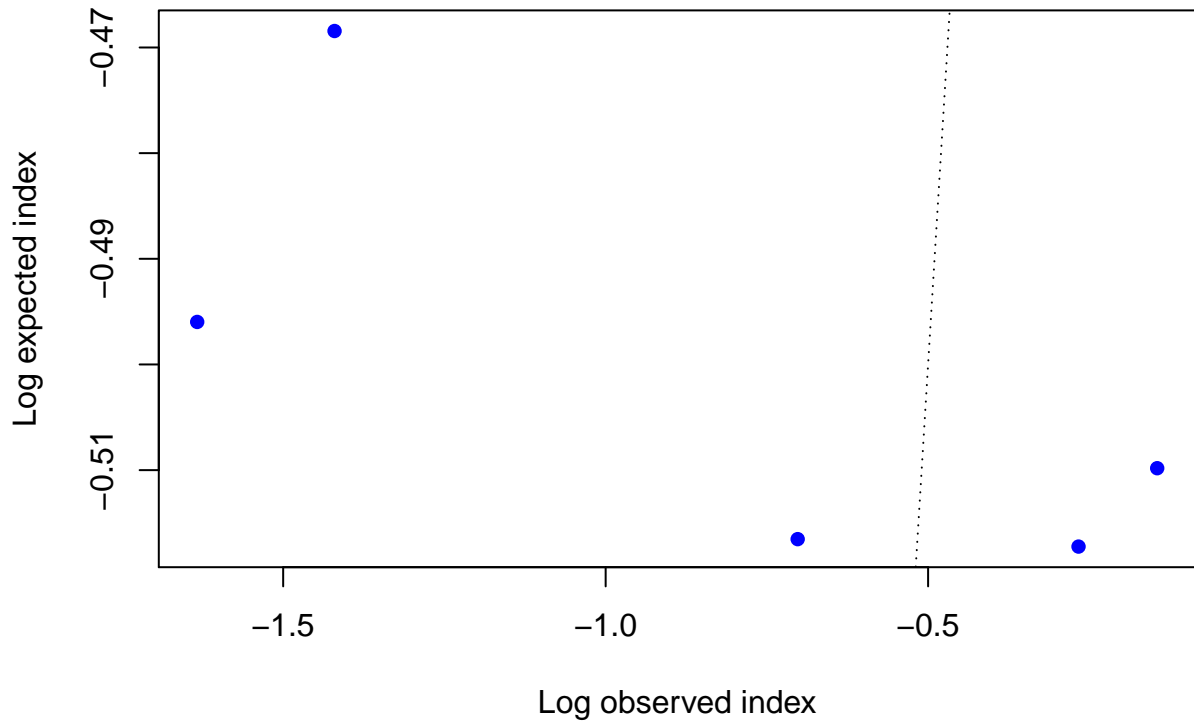
Year



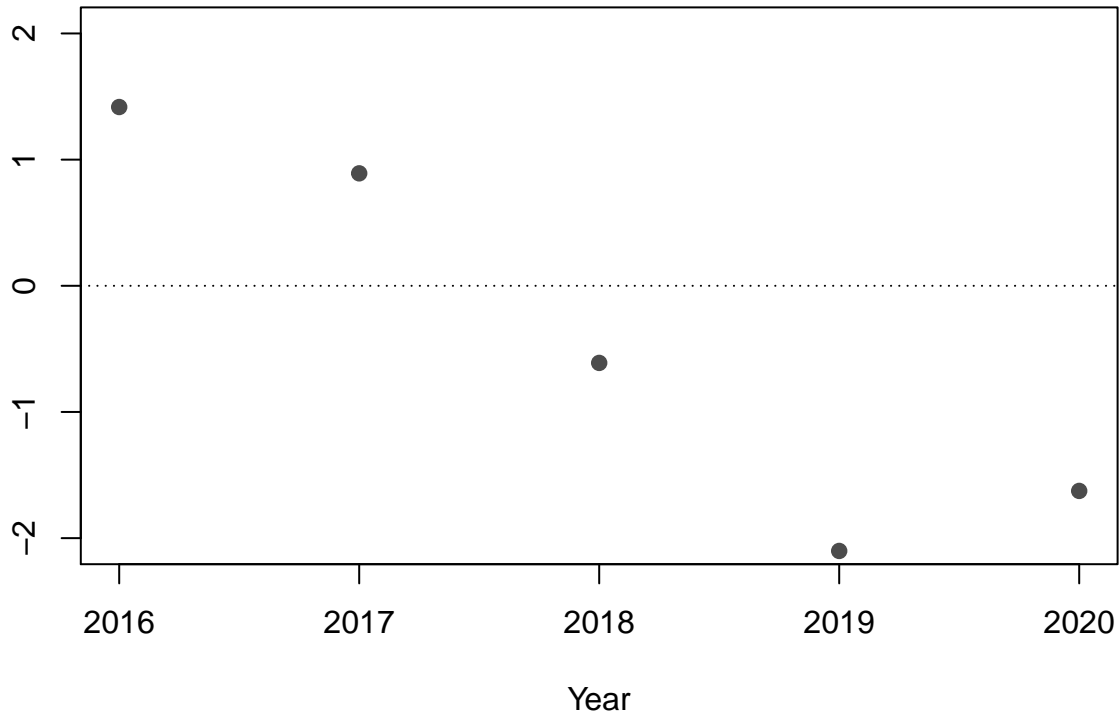


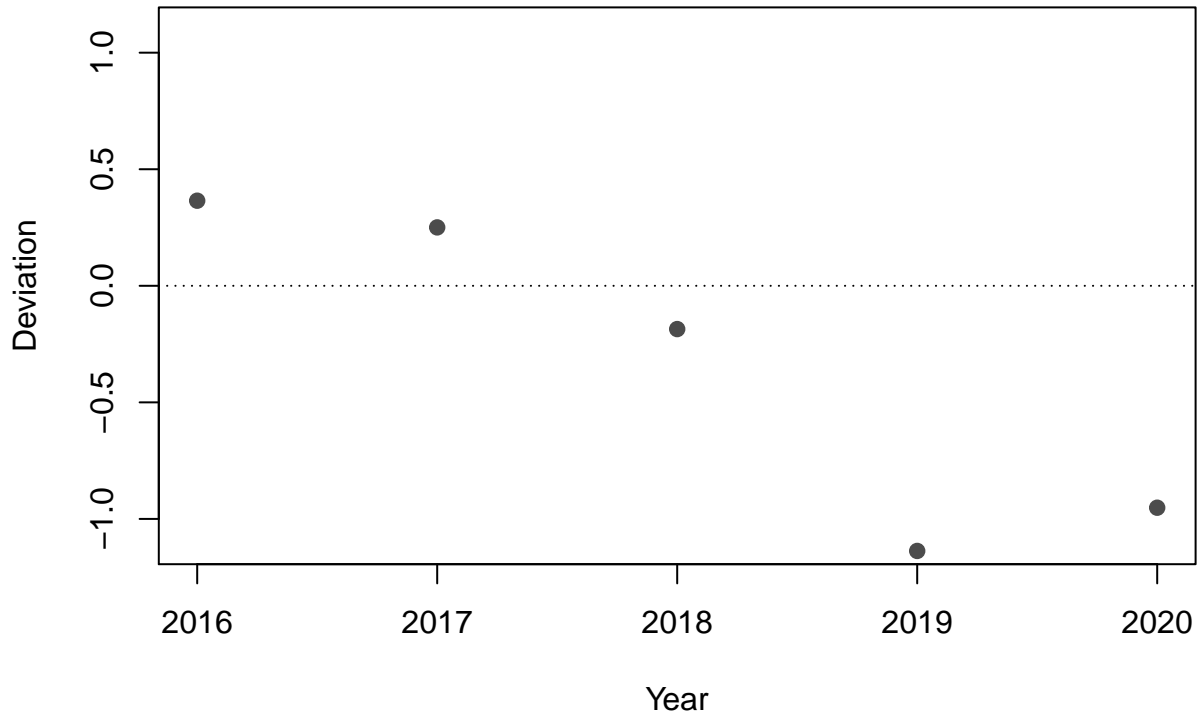




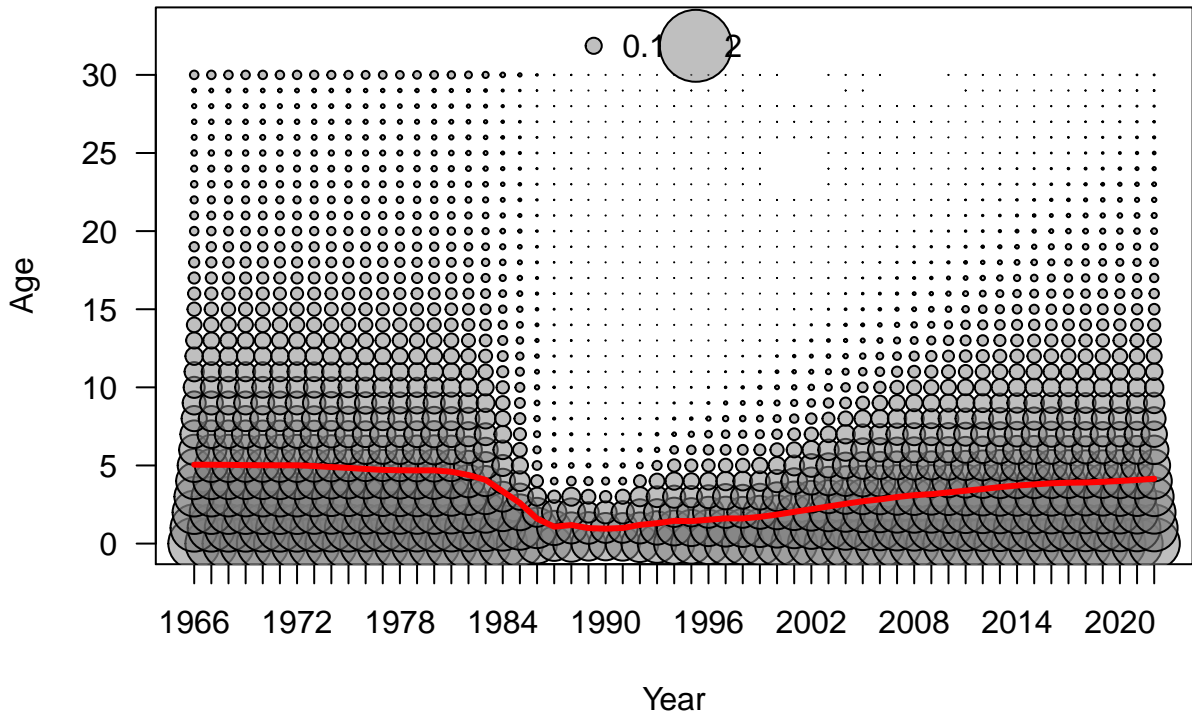


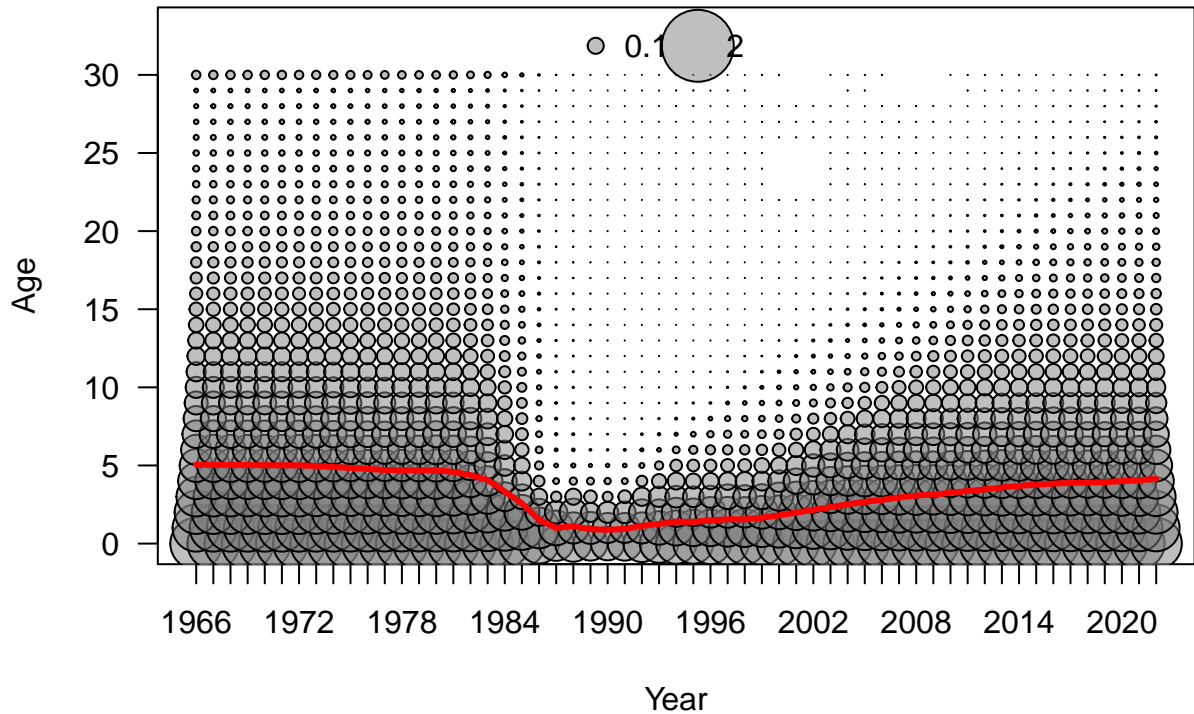
Residual

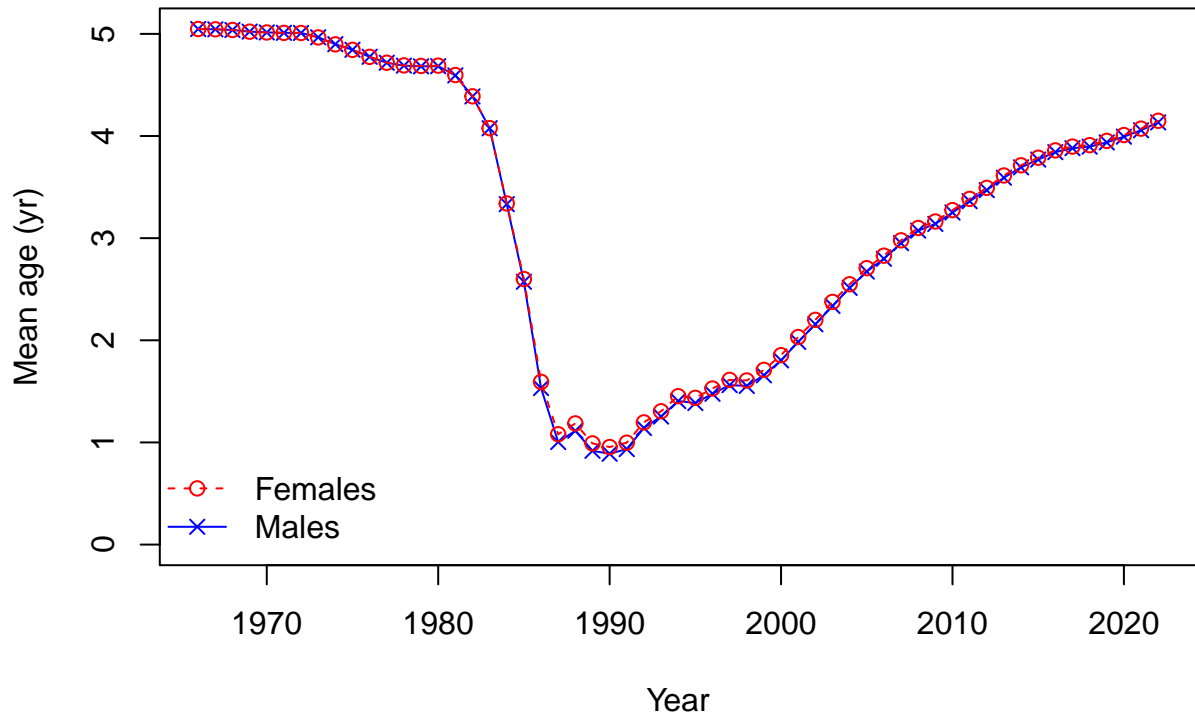


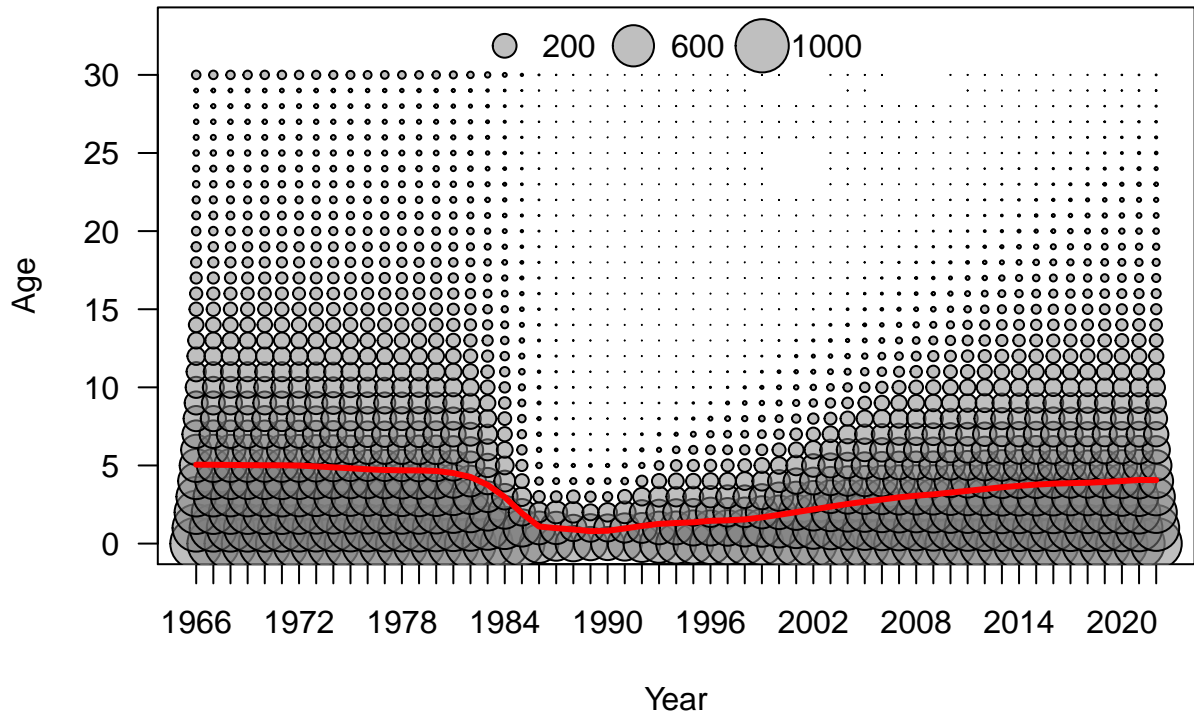


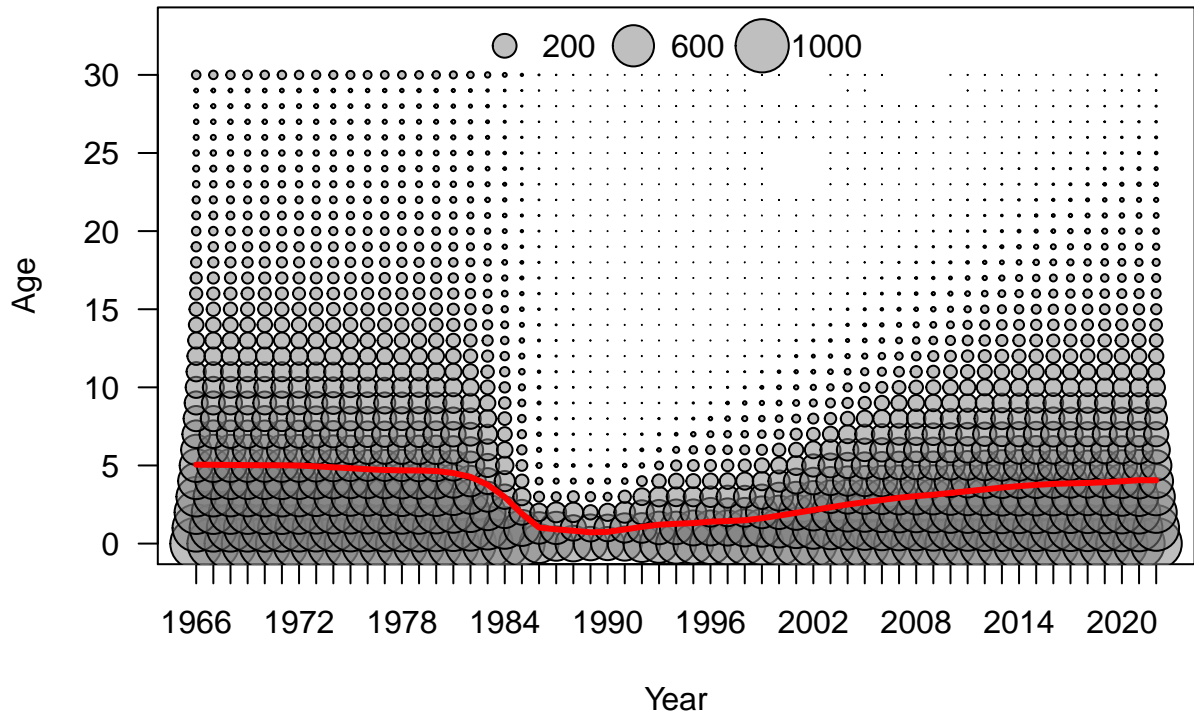


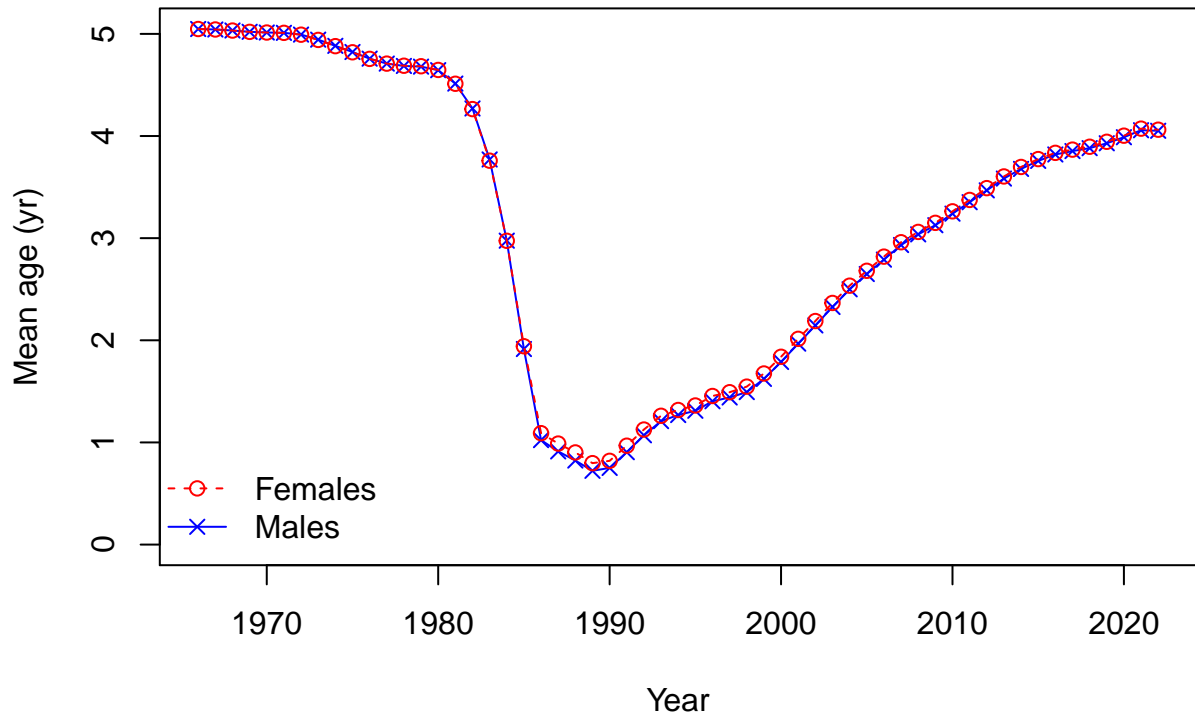


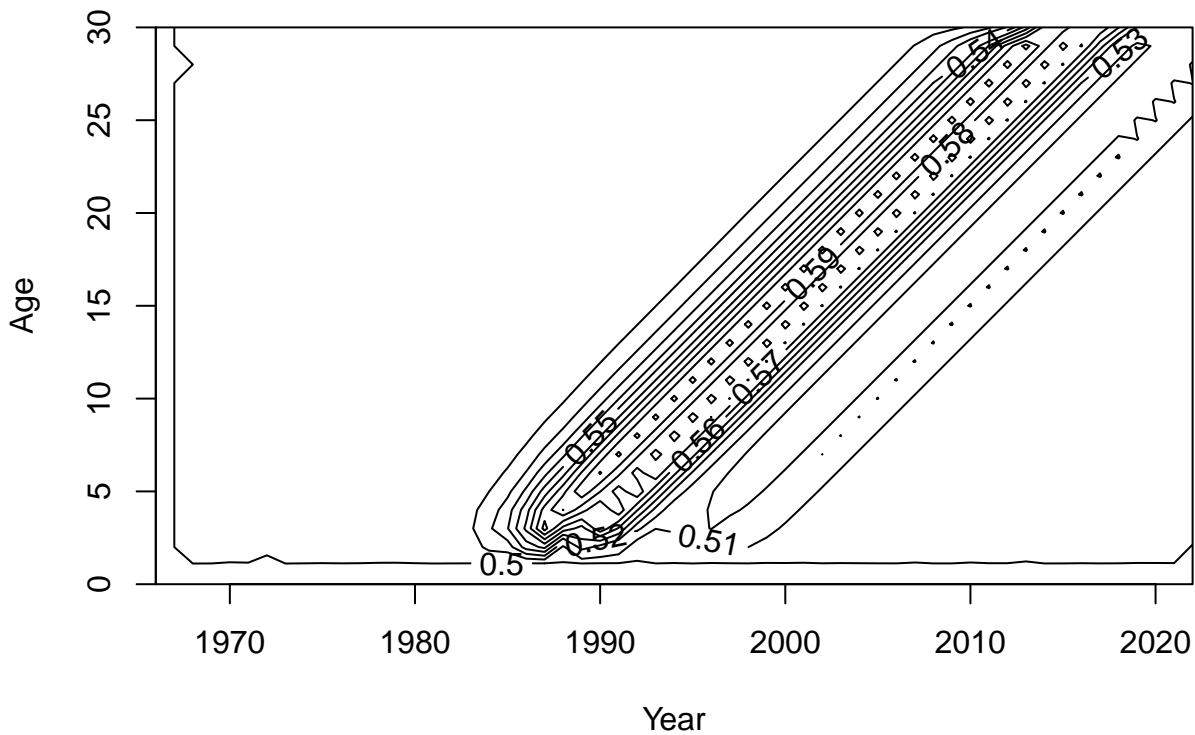


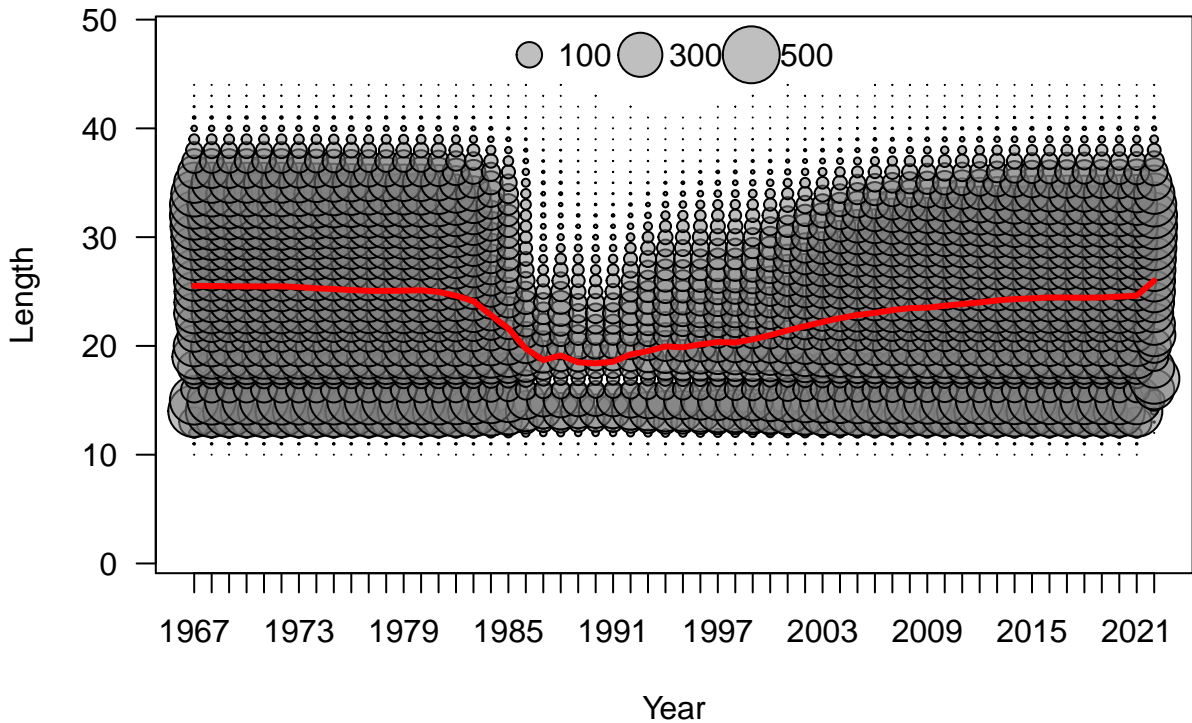


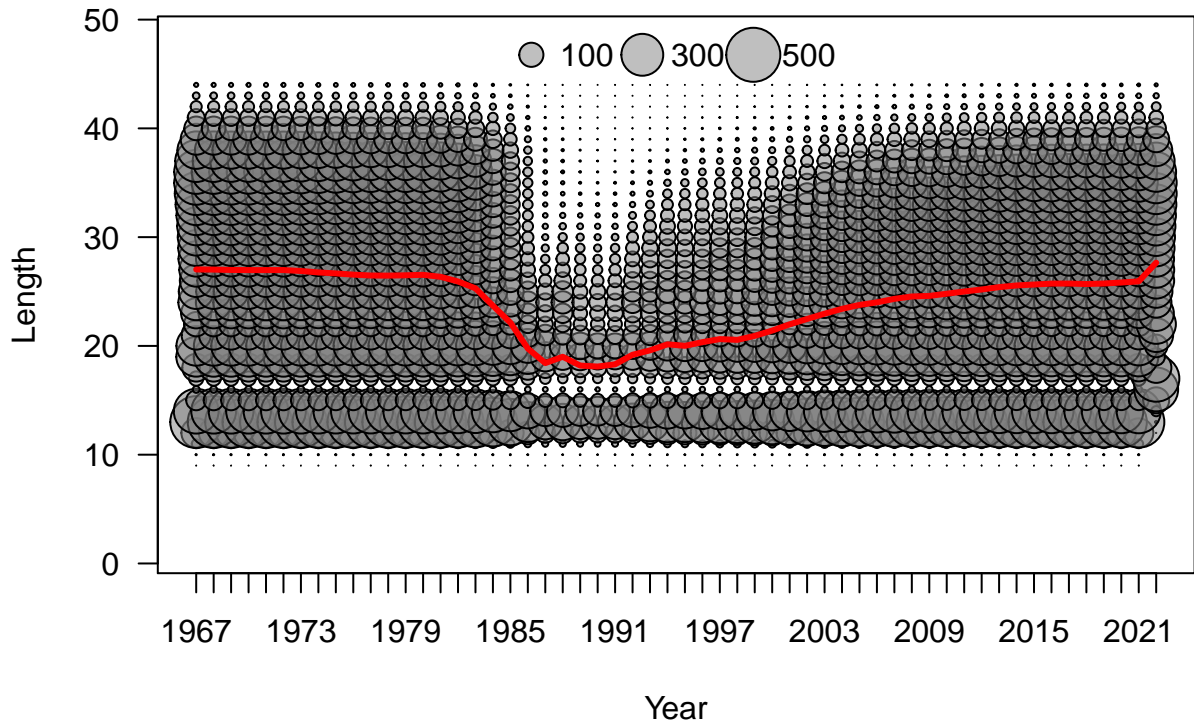


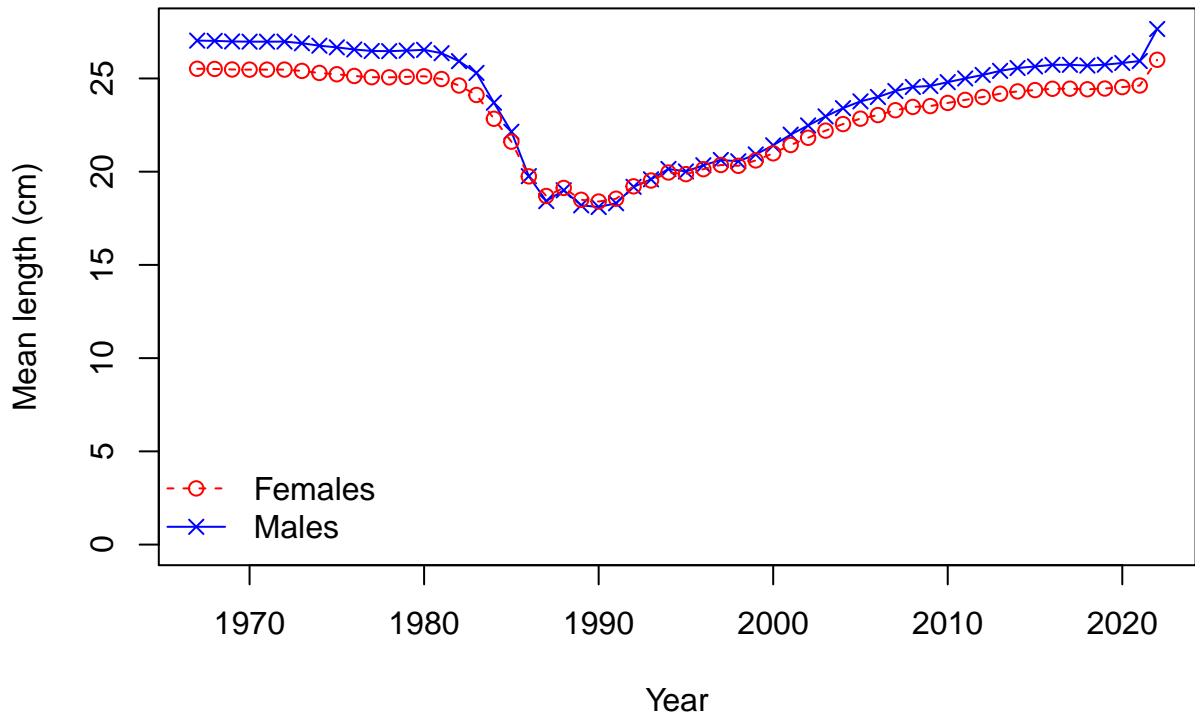


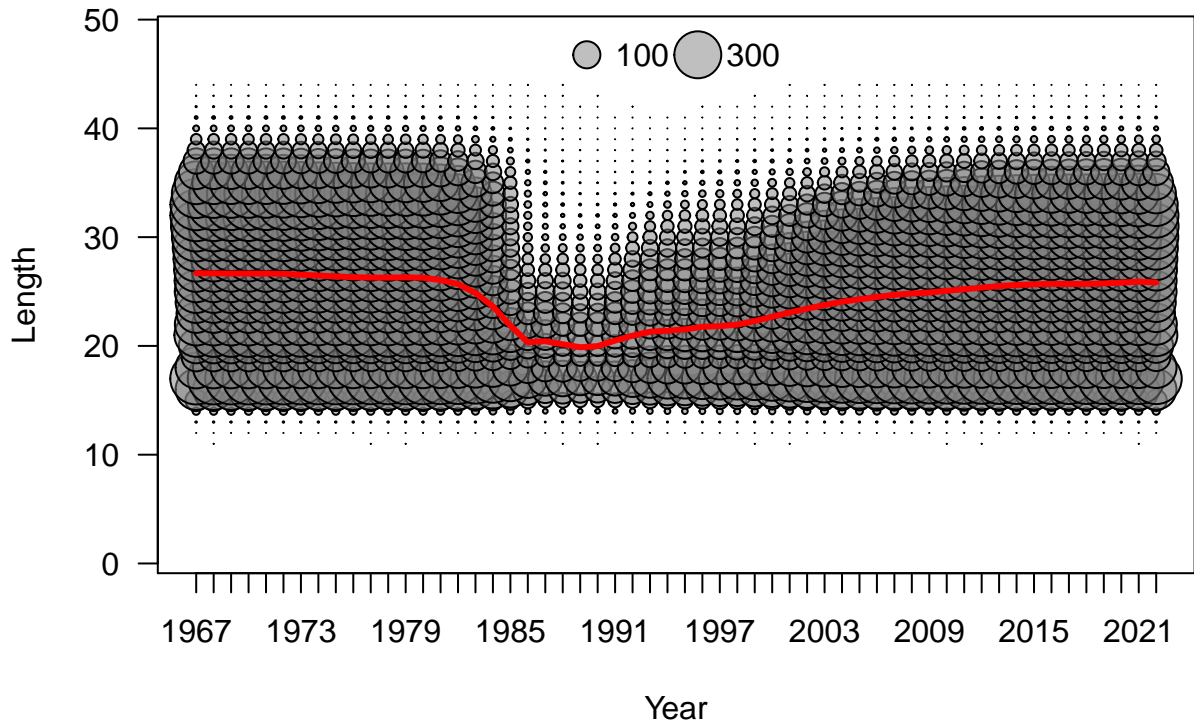


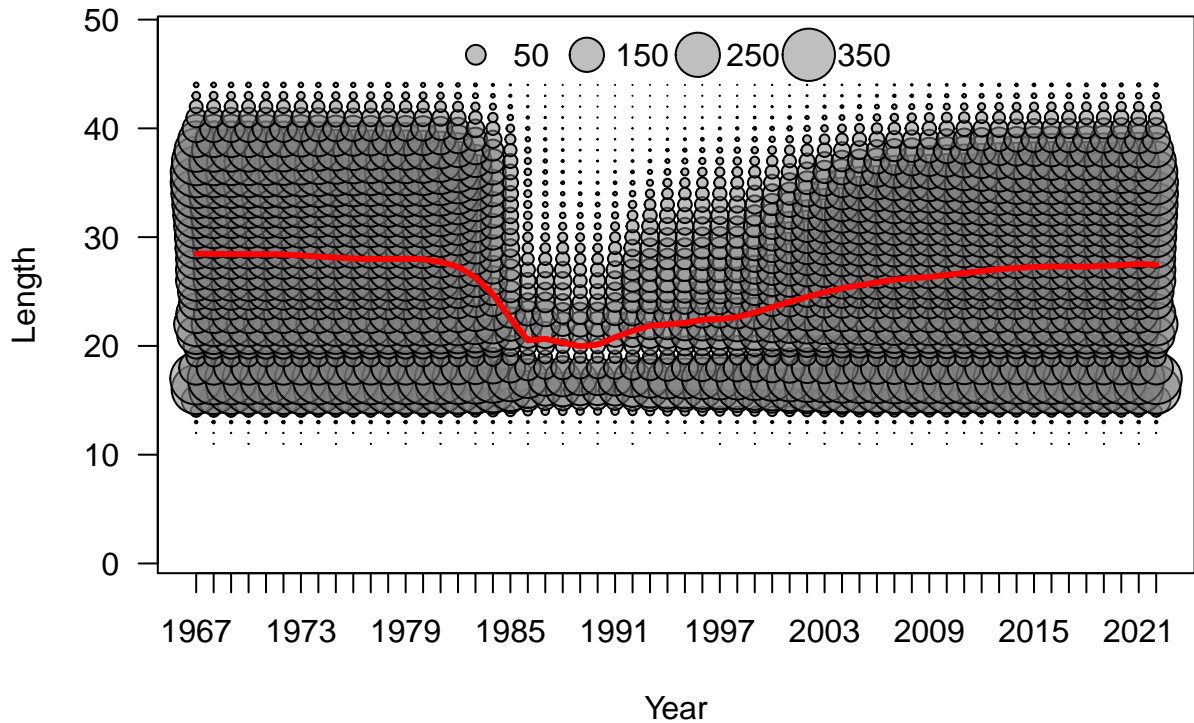


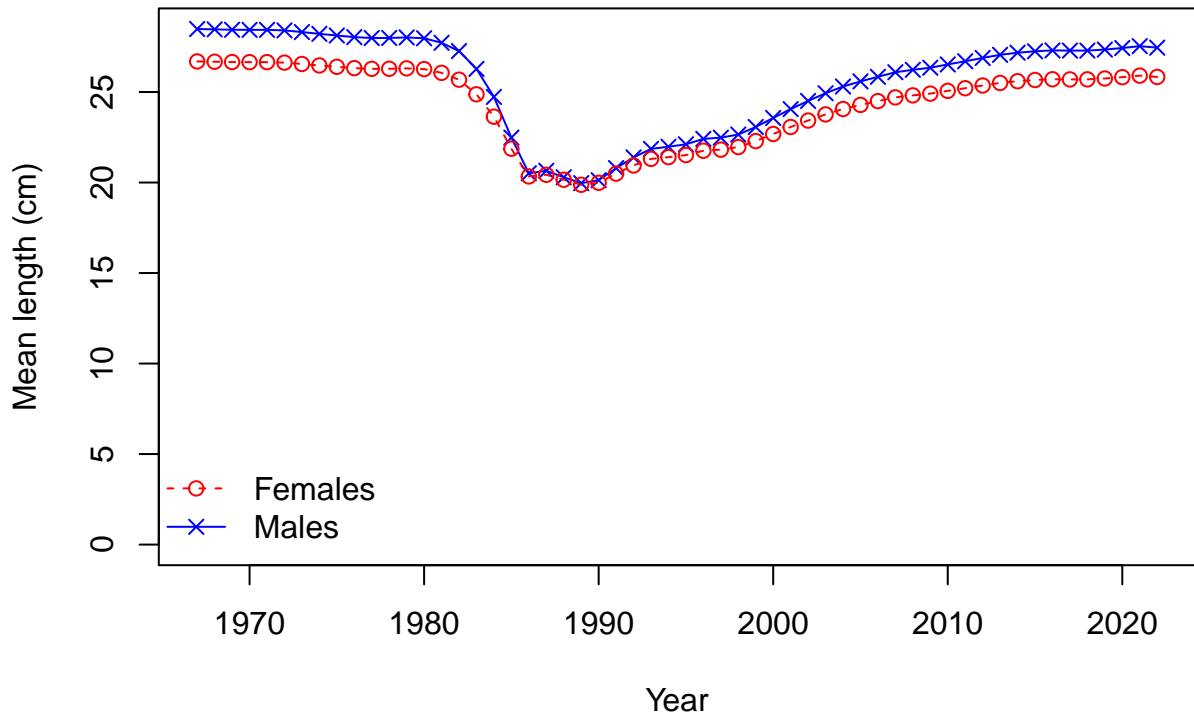




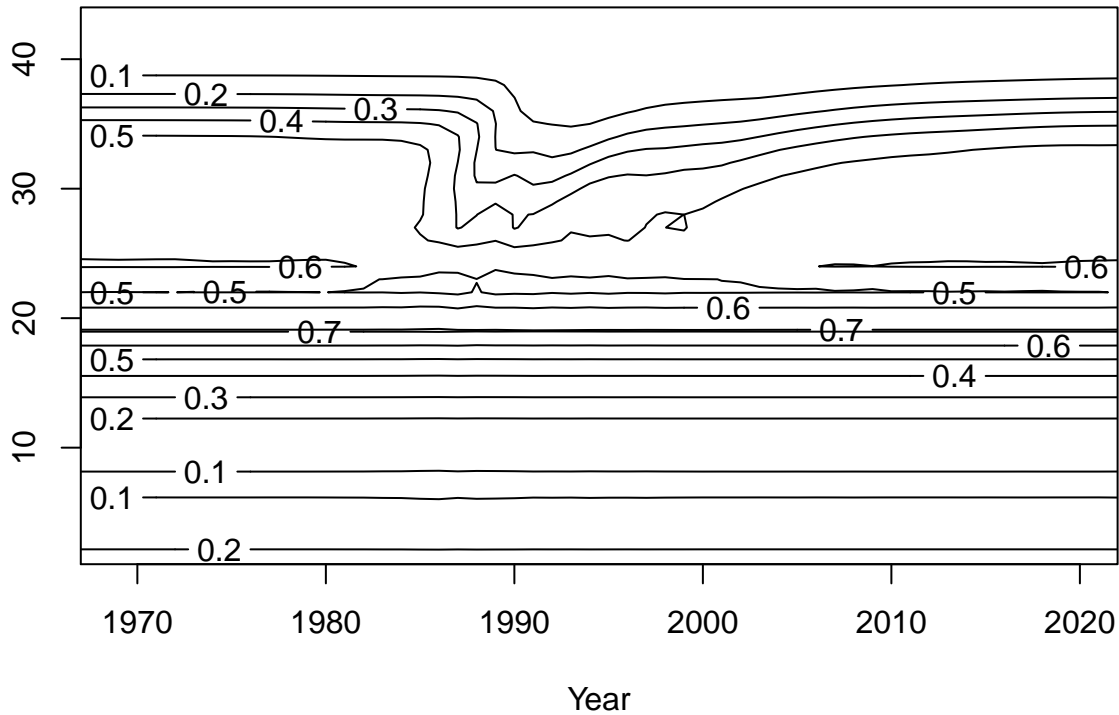


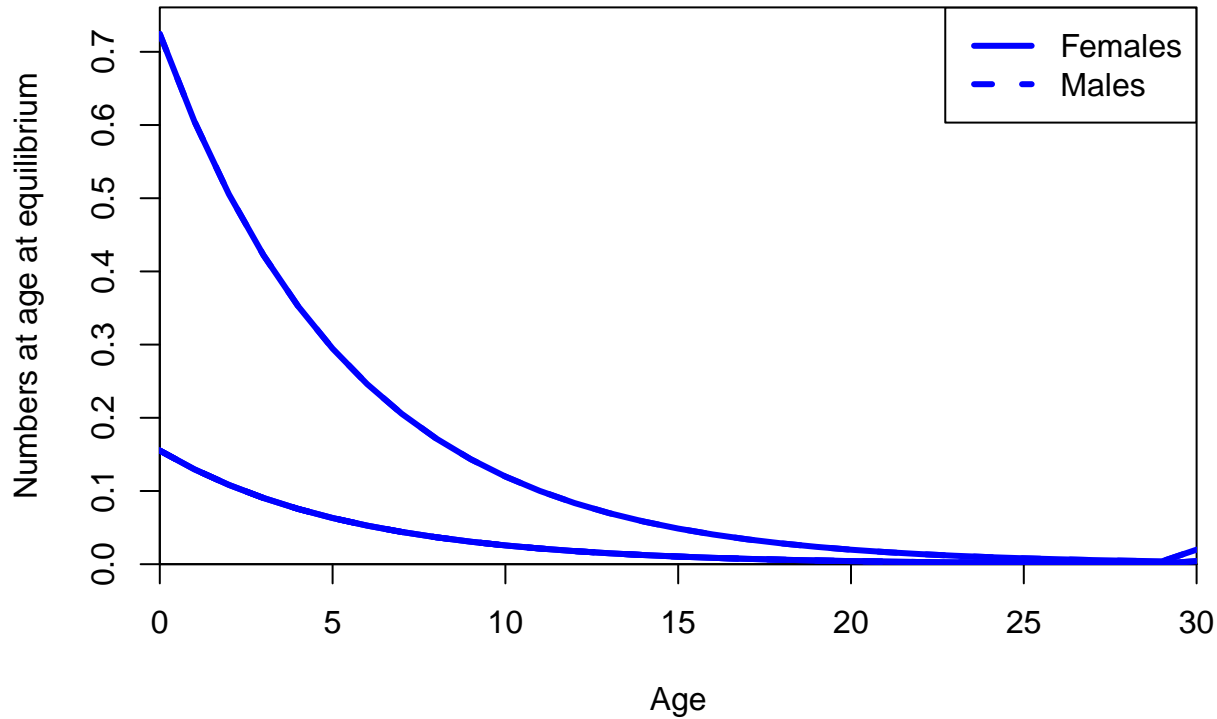






Length





FISHERY

Sum of N adj.=308

Proportion

0.15
0.10
0.05
0.00

15

20

25

30

35

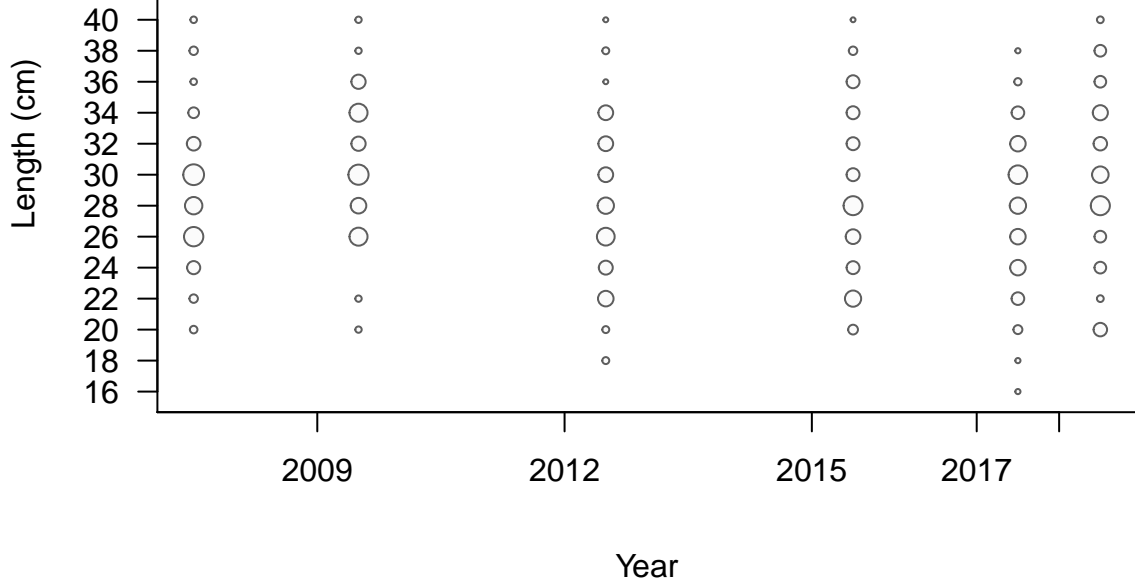
40

Length (cm)

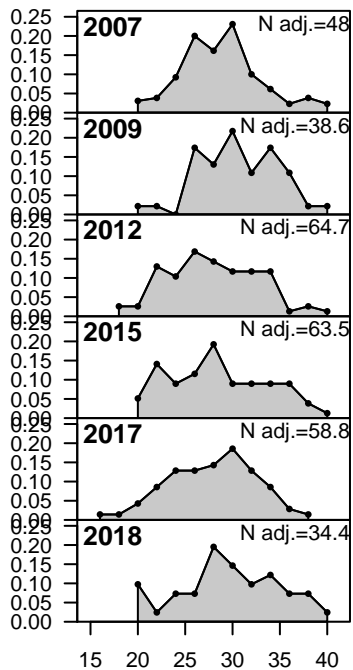


FISHERY

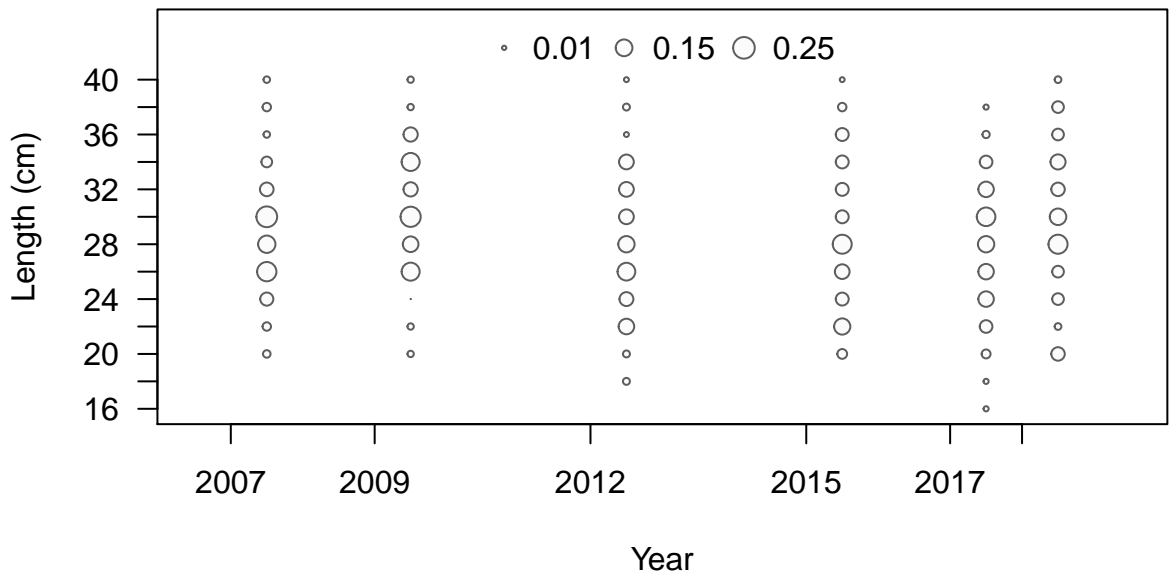
◦ 0.01 ○ 0.15 ○ 0.25



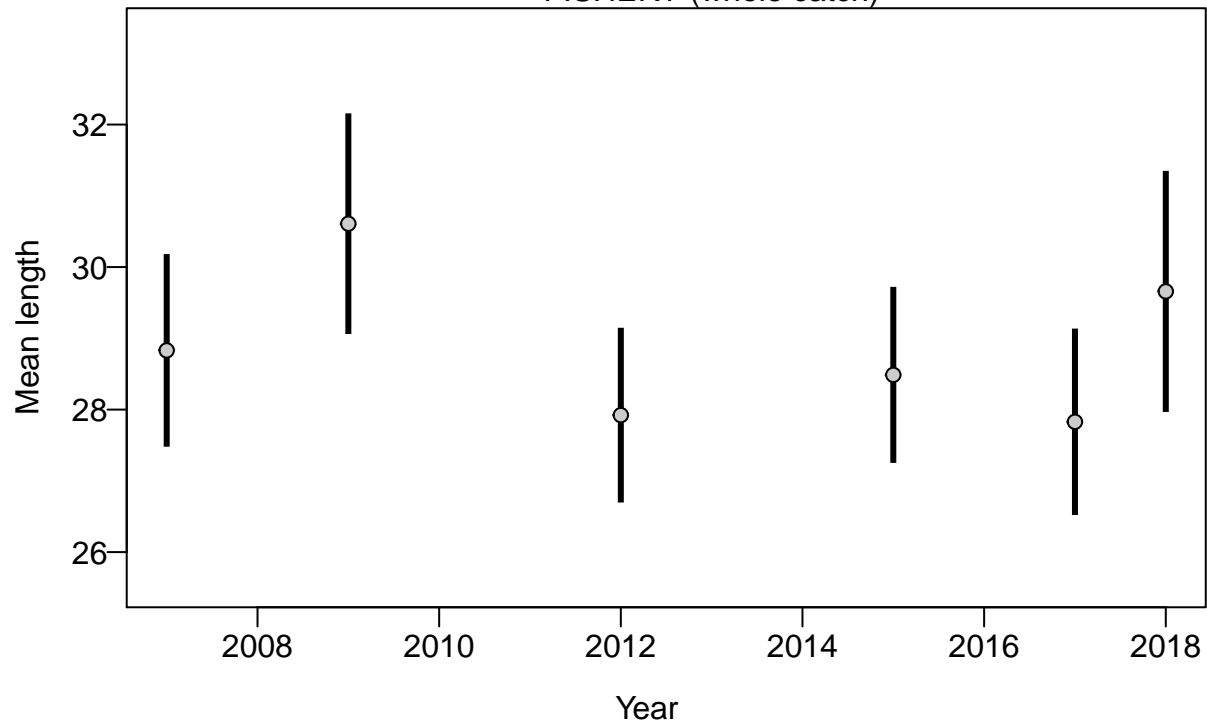
Proportion



Length (cm)

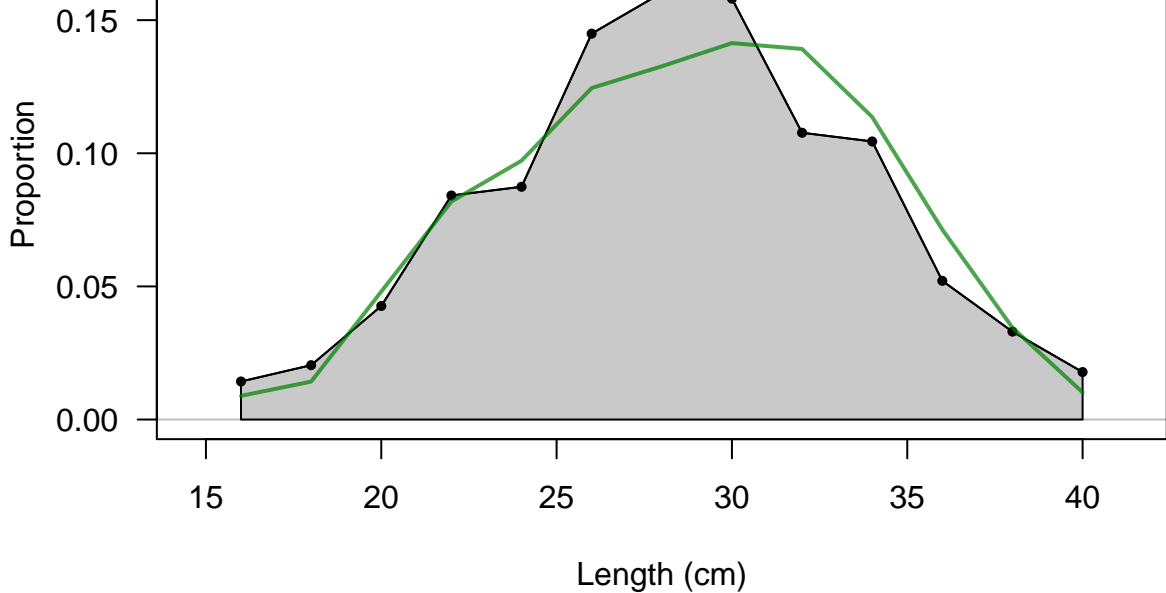


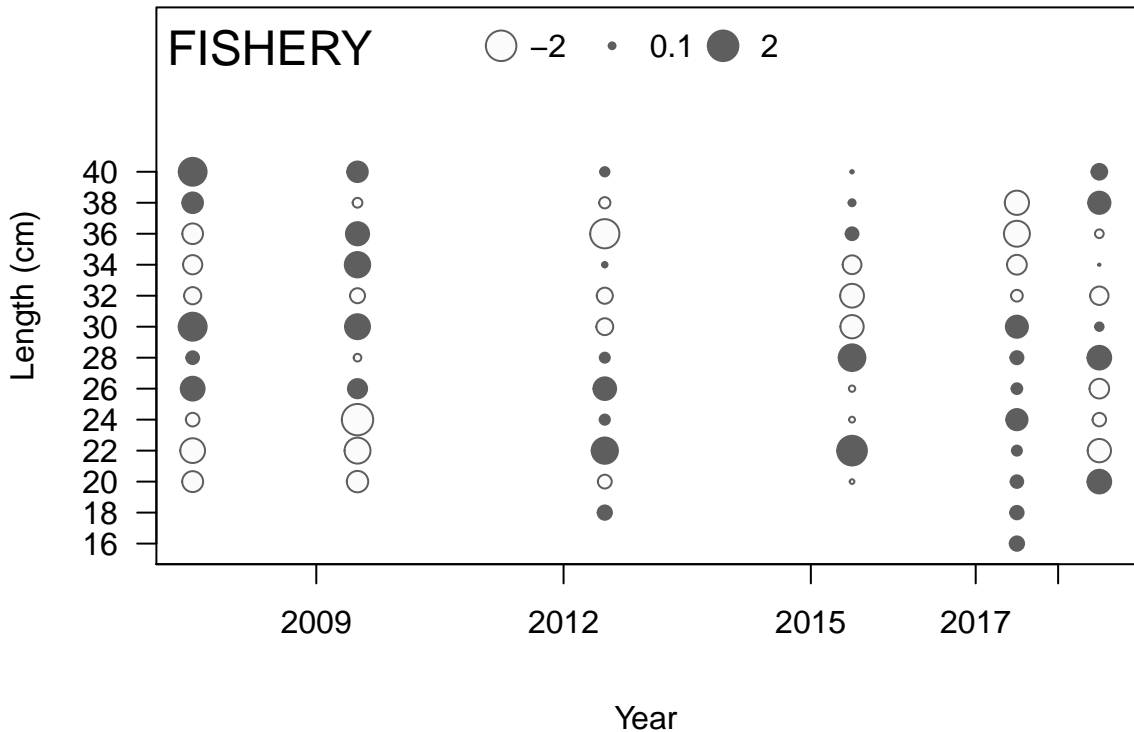
FISHERY (whole catch)



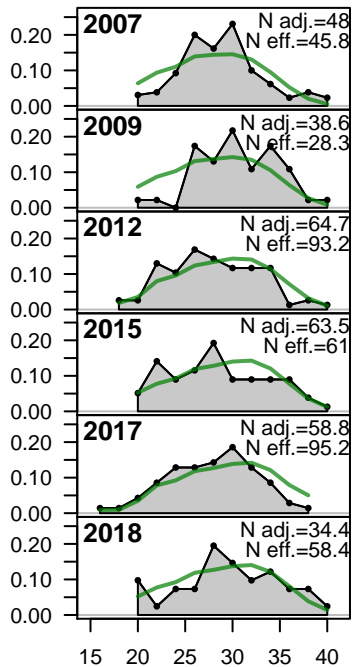
FISHERY

Sum of N adj.=308
Sum of N eff.=382.1

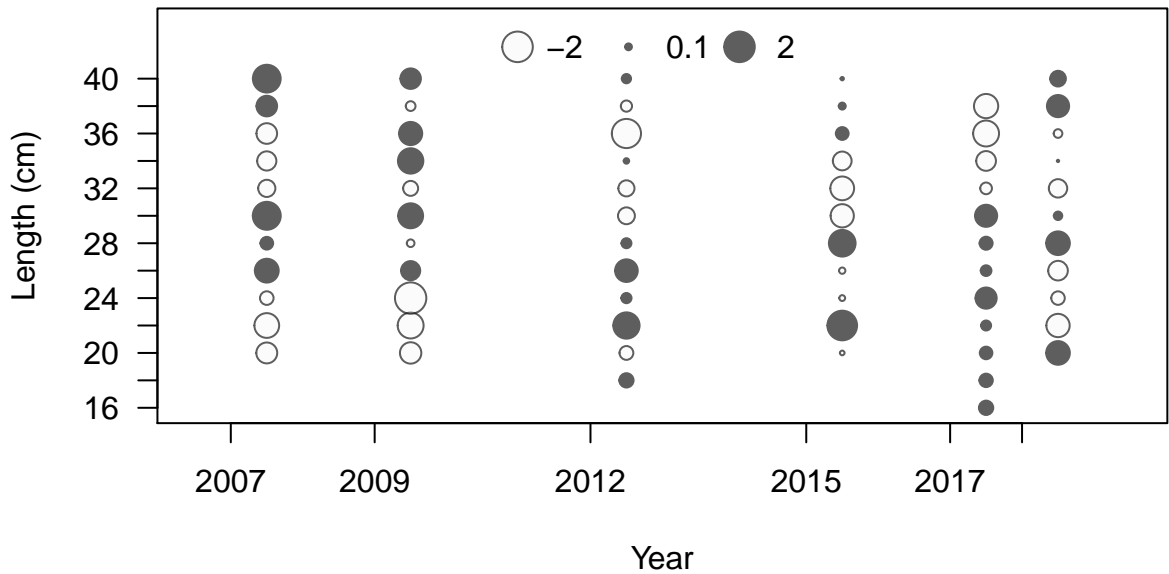




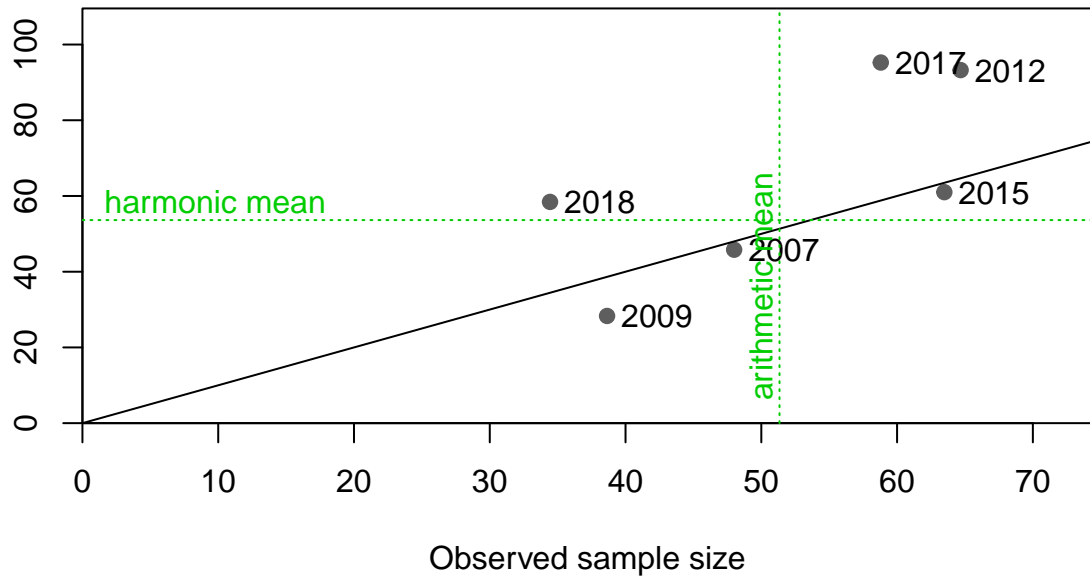
Proportion



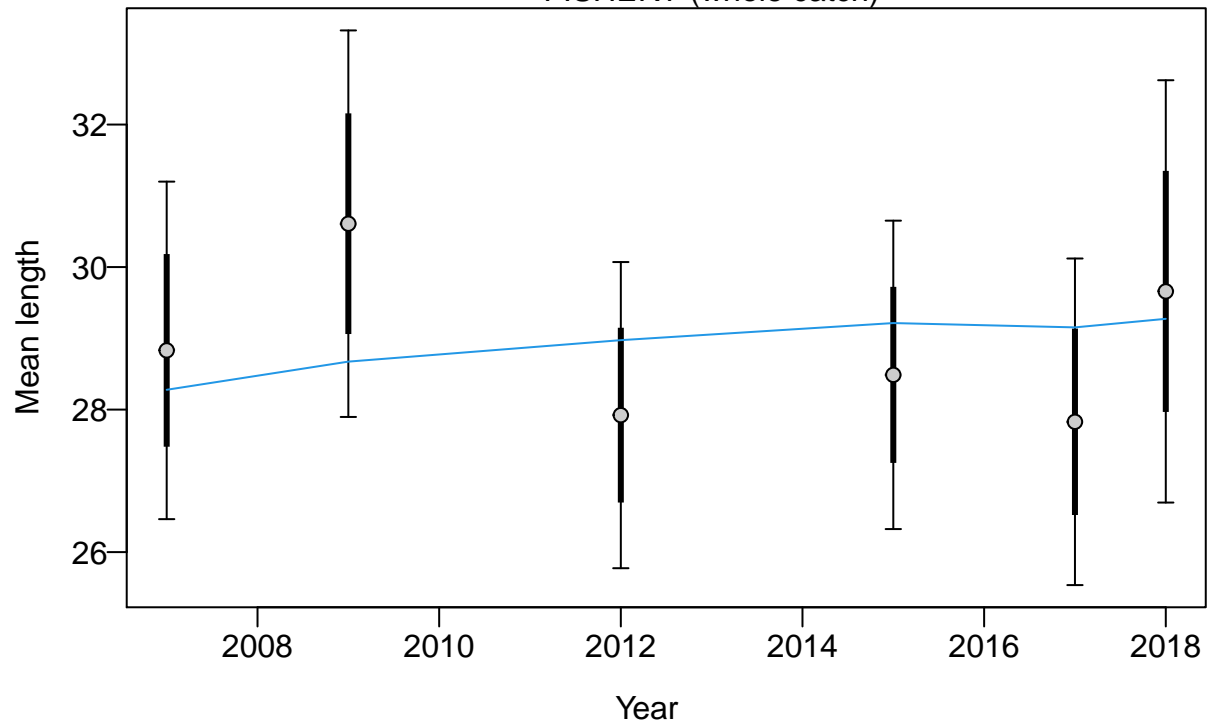
Length (cm)

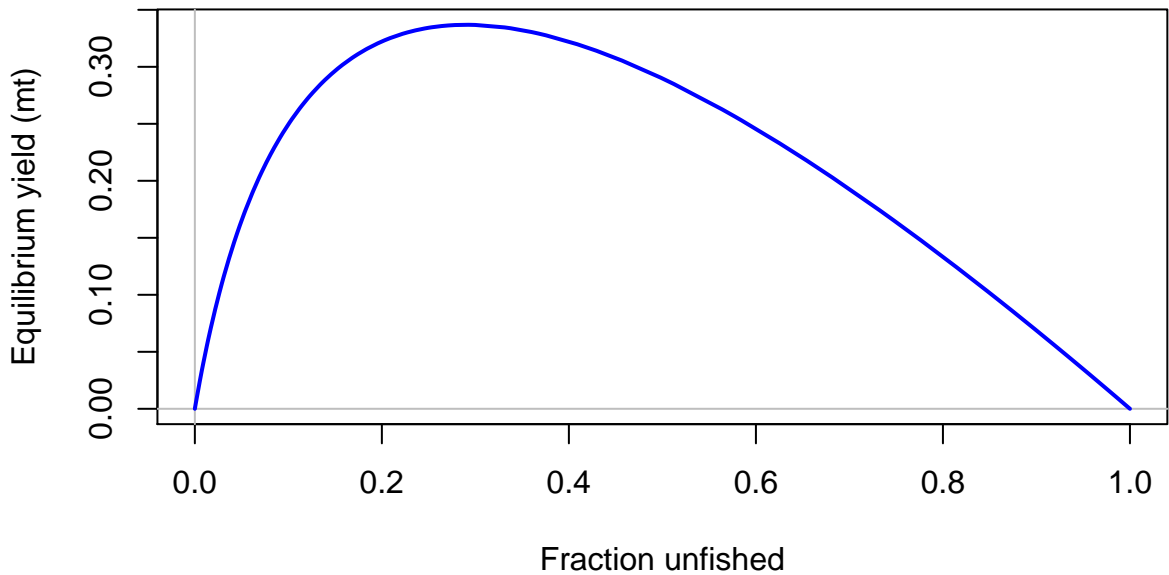


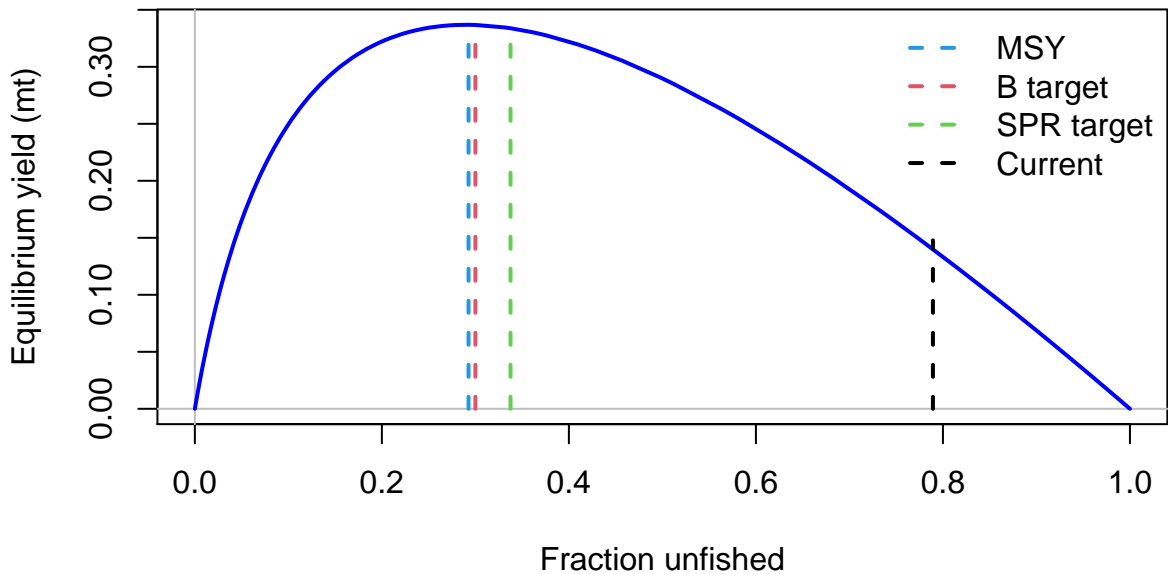
Effective sample size



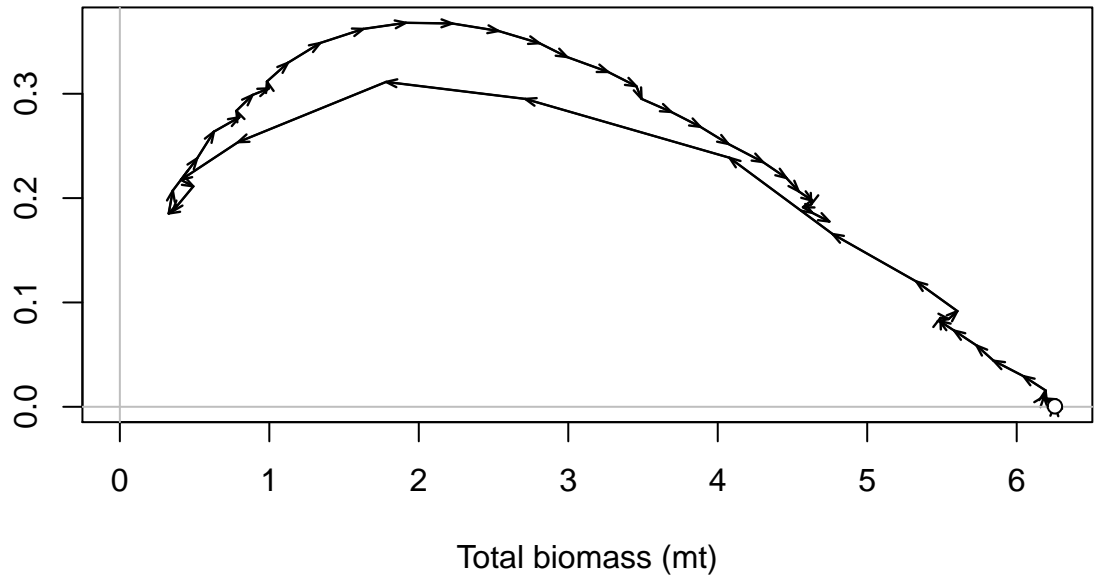
FISHERY (whole catch)

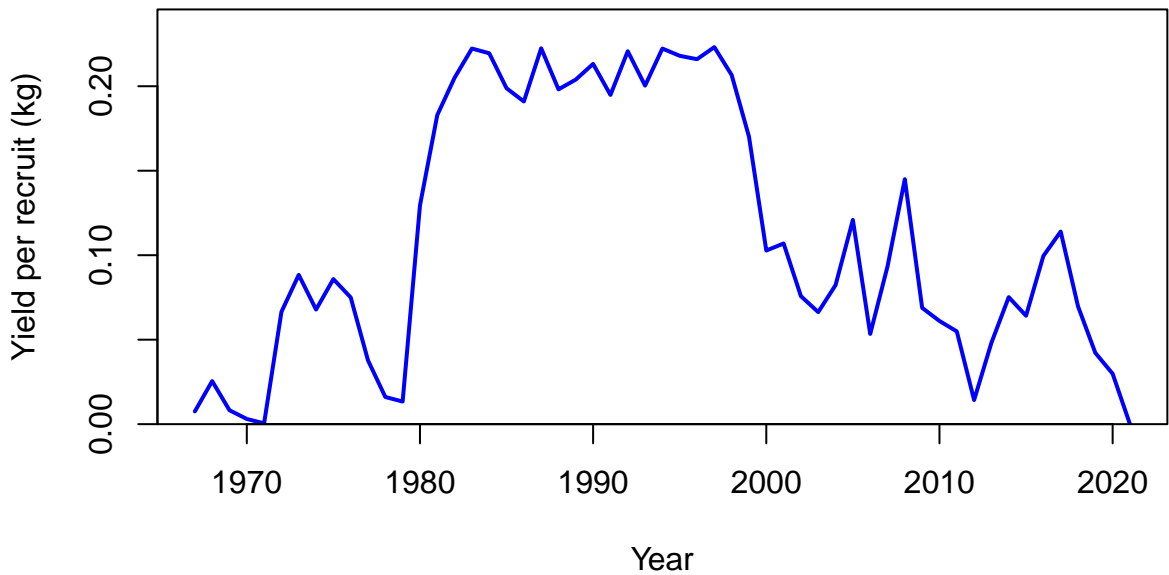


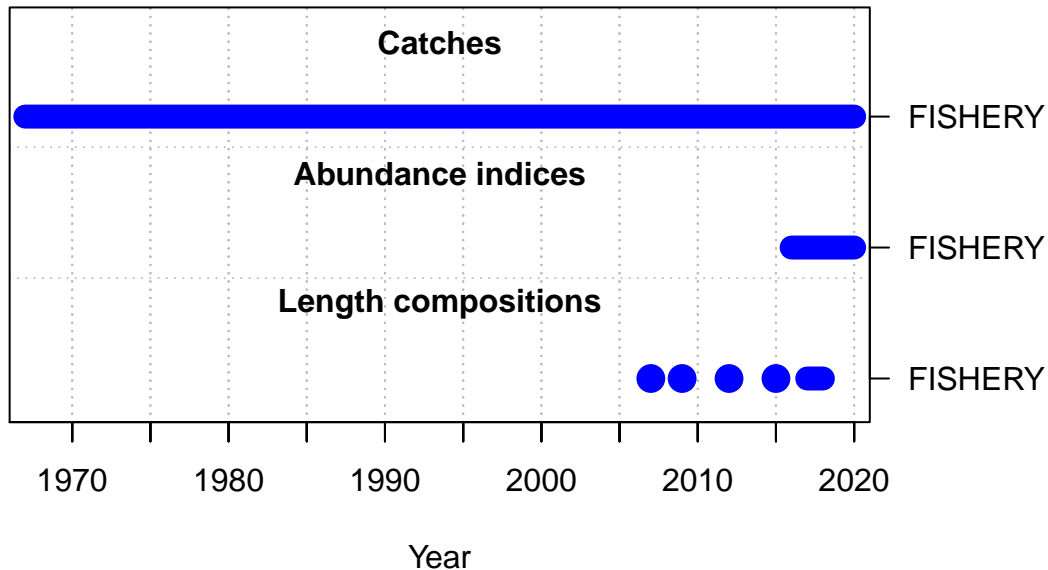


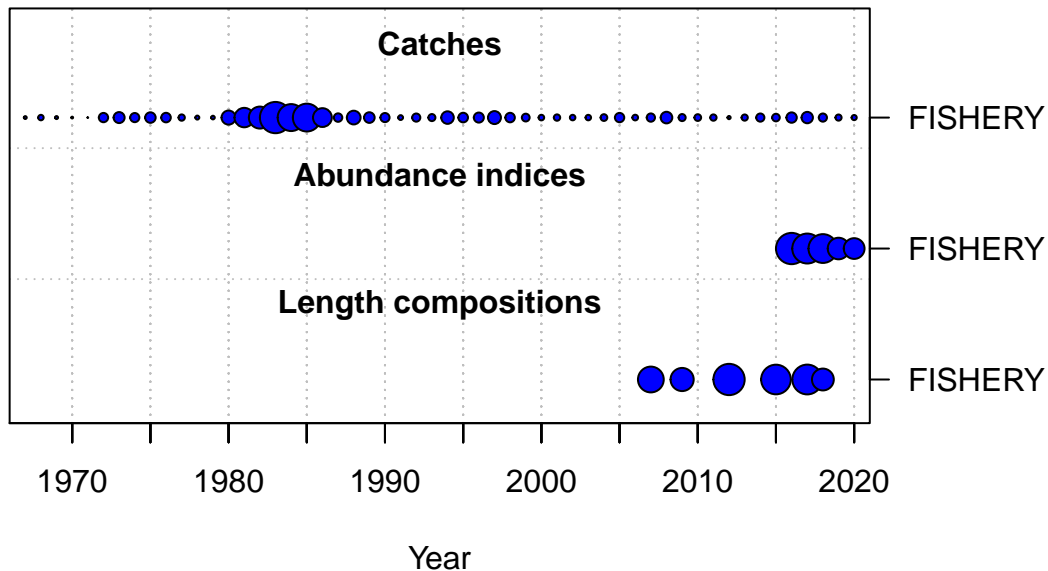


Surplus production (mt)

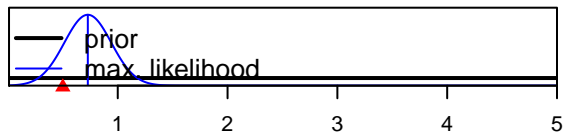




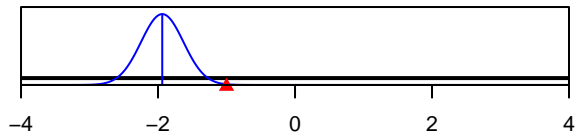




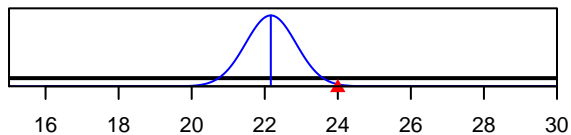
SR_LN(R0)



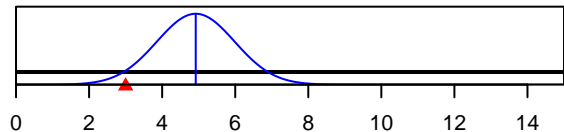
LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Size_95%width_FISHERY(1)



Parameter value