

Plots created using the 'r4ss' package in R

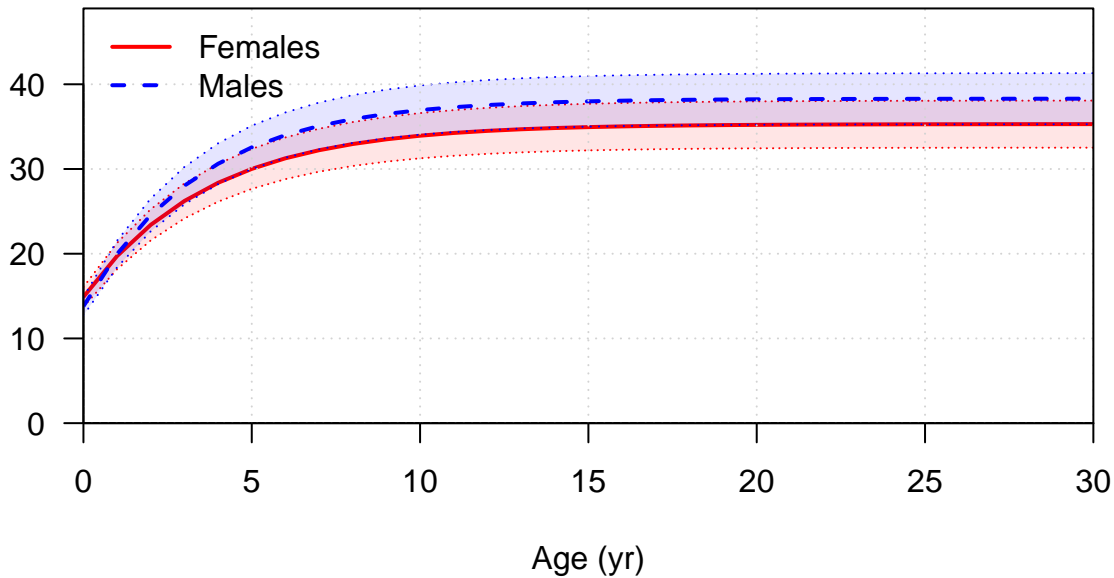
Stock Synthesis version: 3.30.19.0

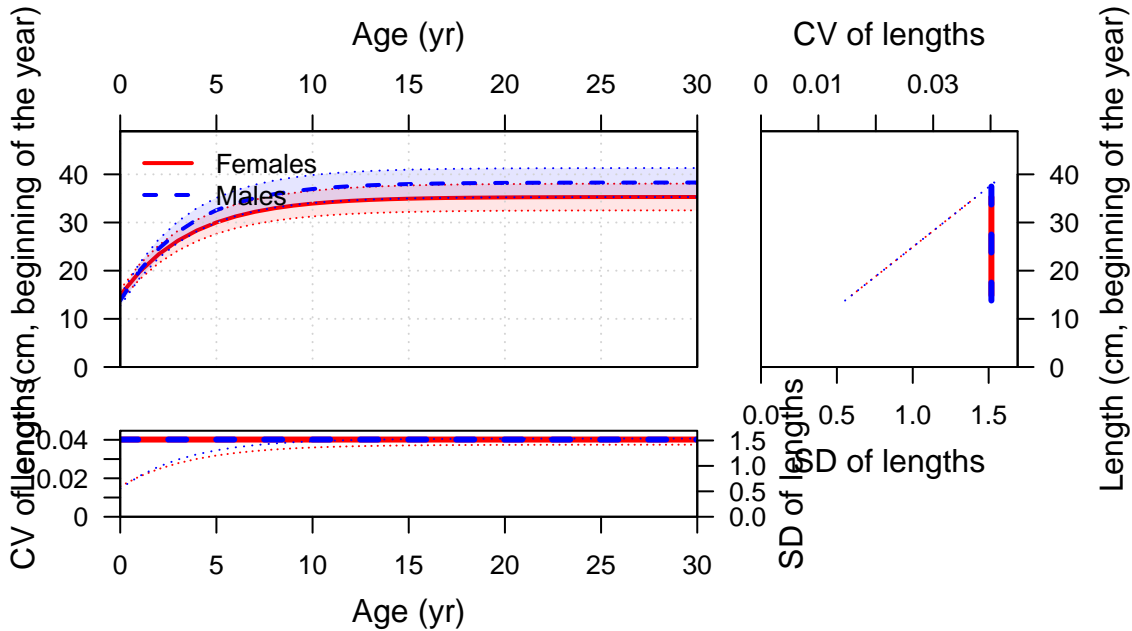
StartTime: Fri Aug 12 14:31:09 2022

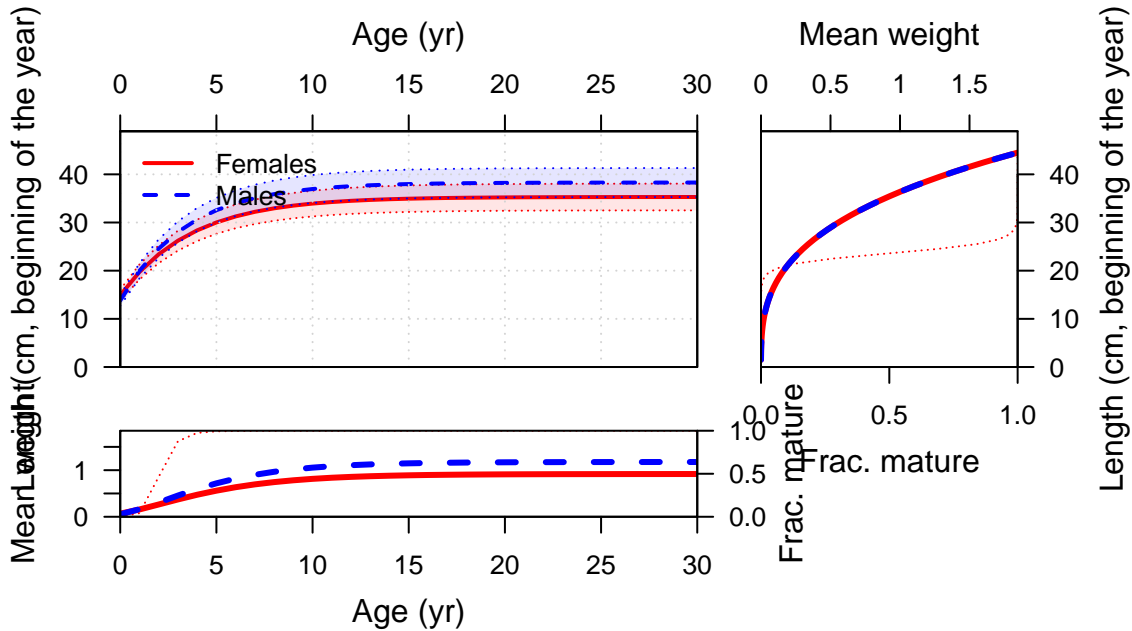
Data_File: data.ss

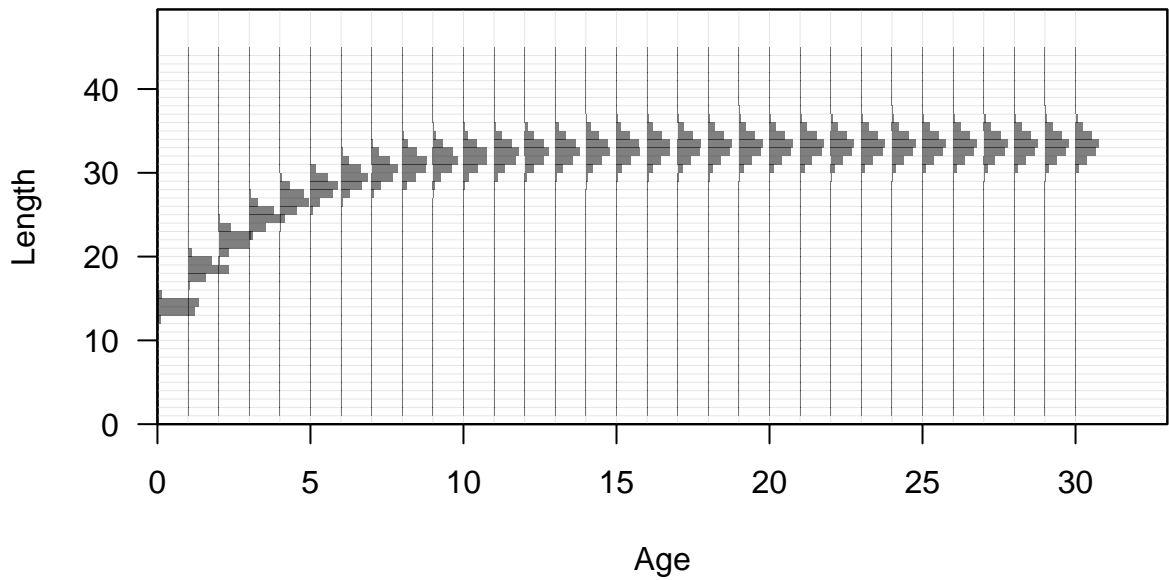
Control_File: control.ss

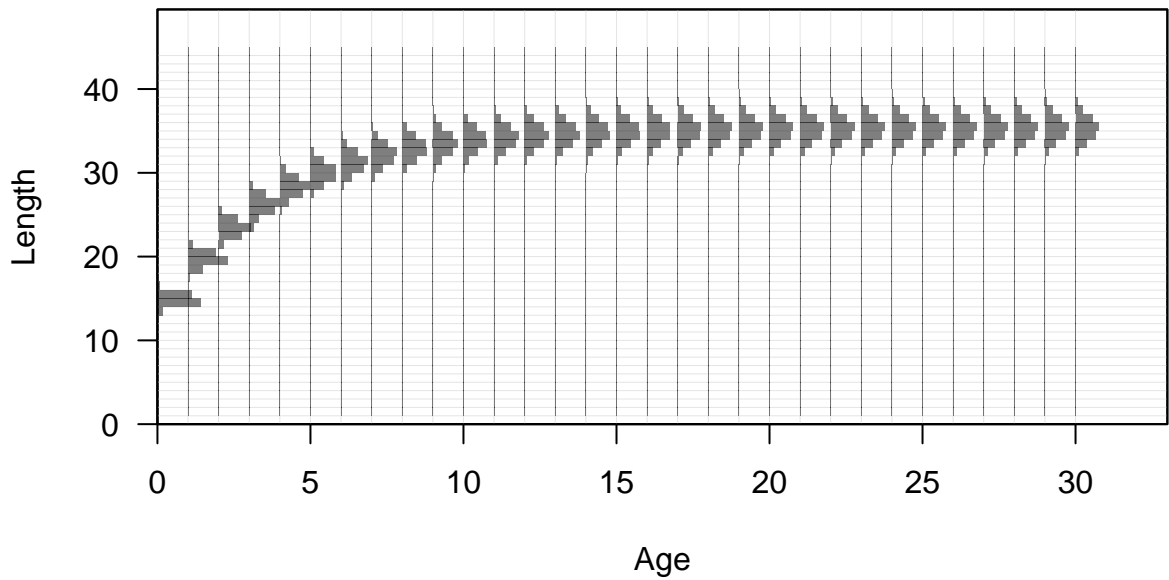
Length (cm, beginning of the year)

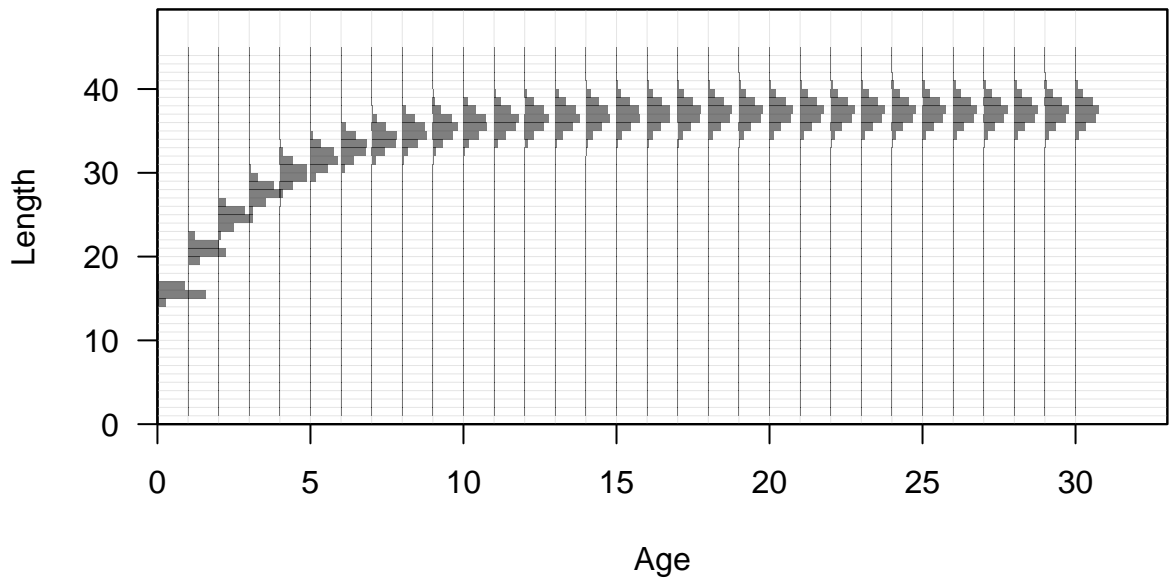


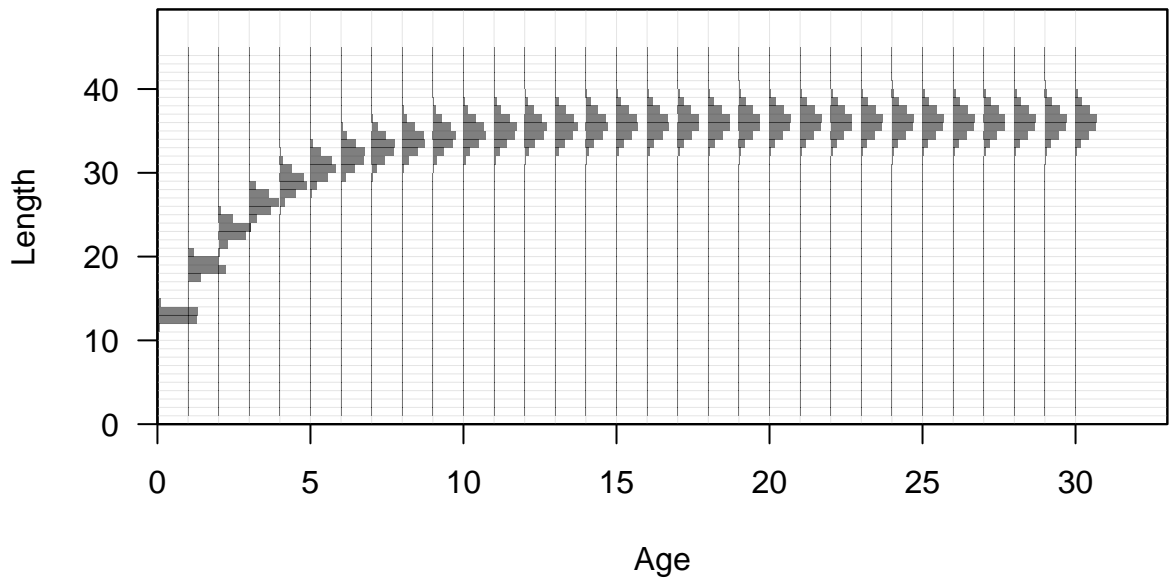


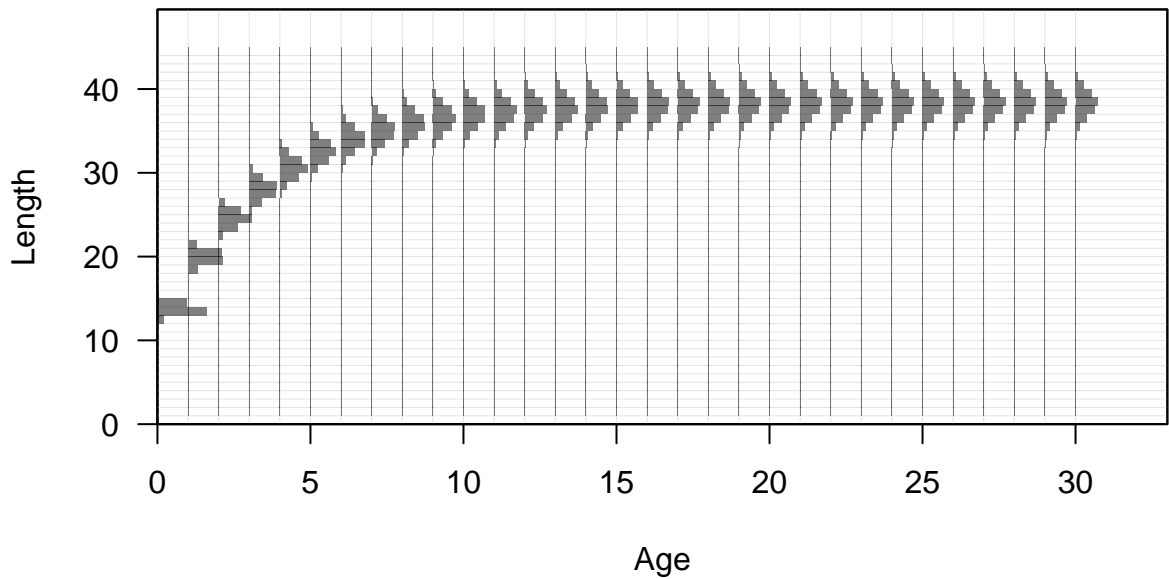


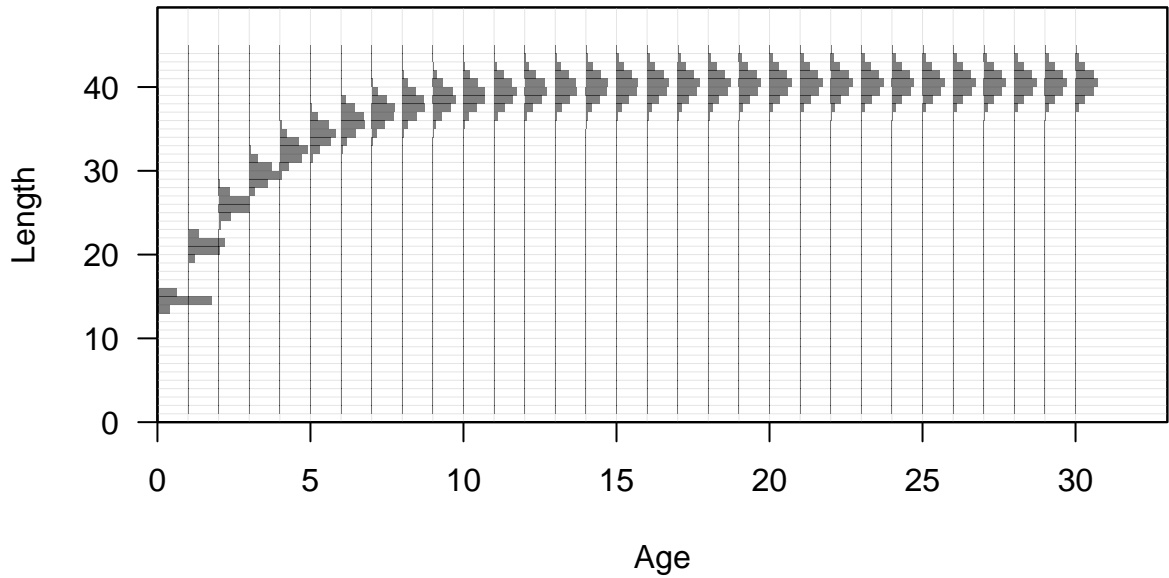


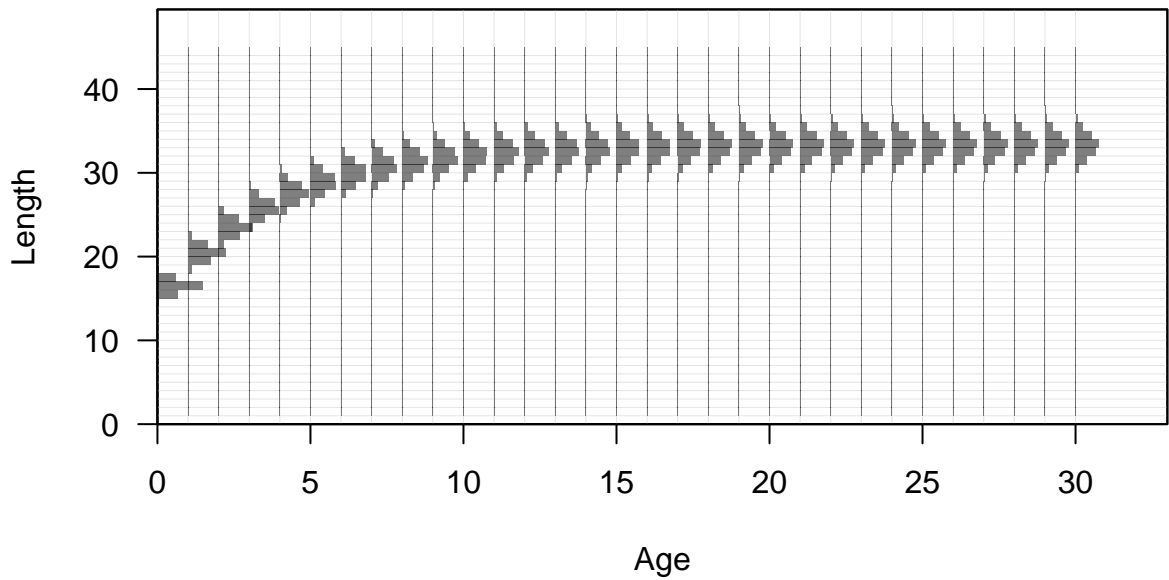


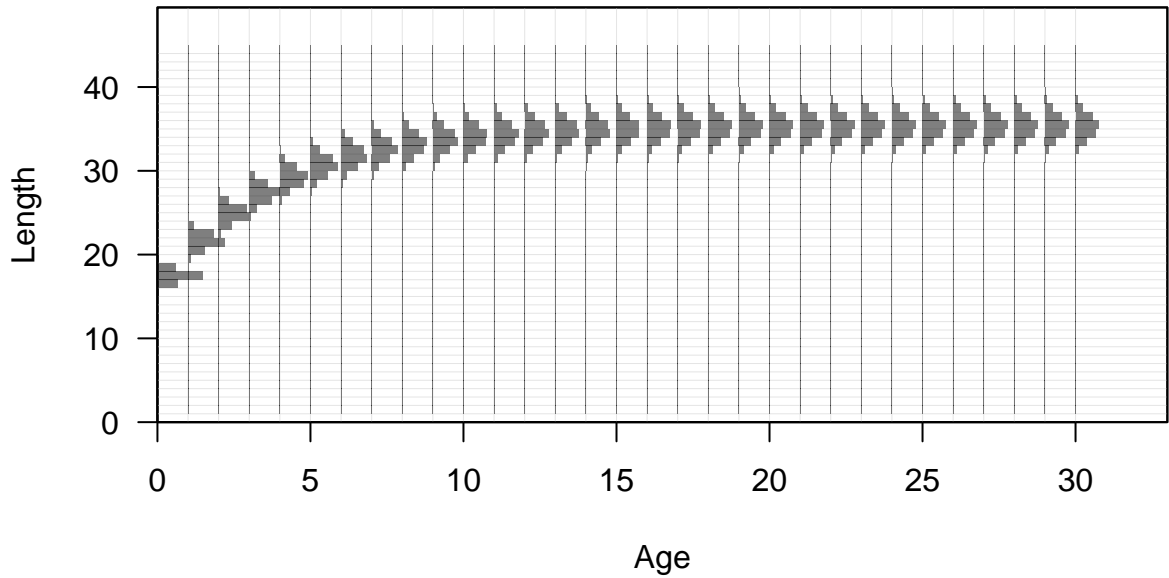


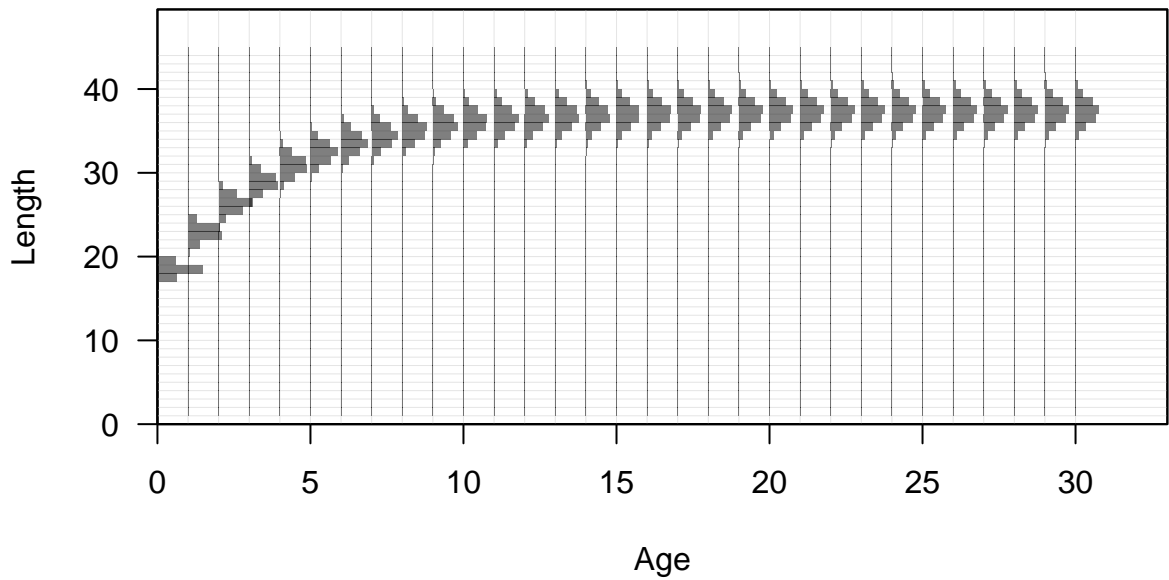


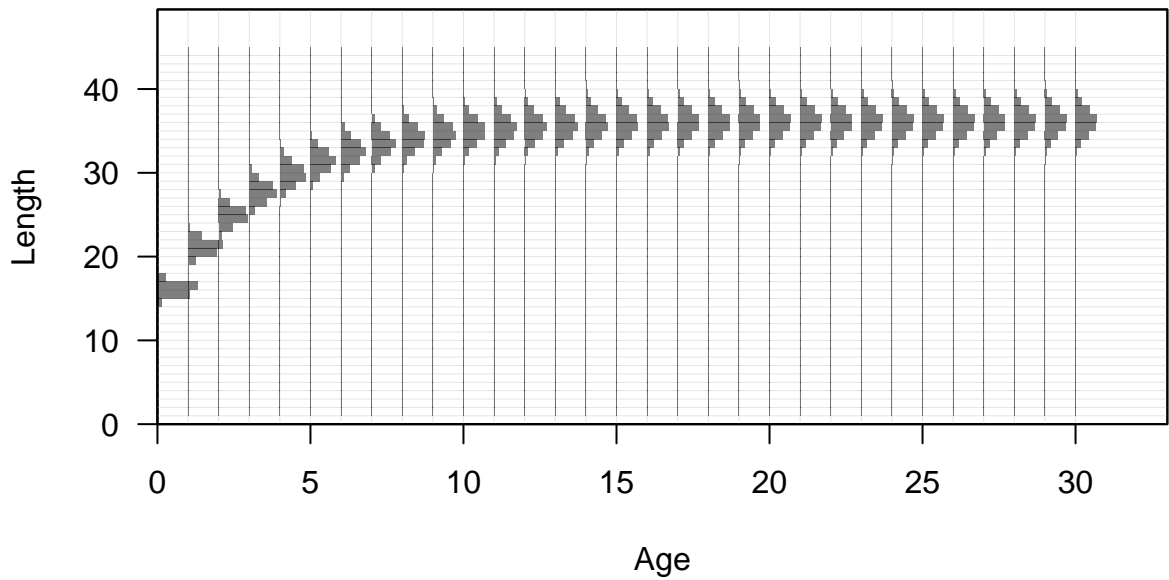


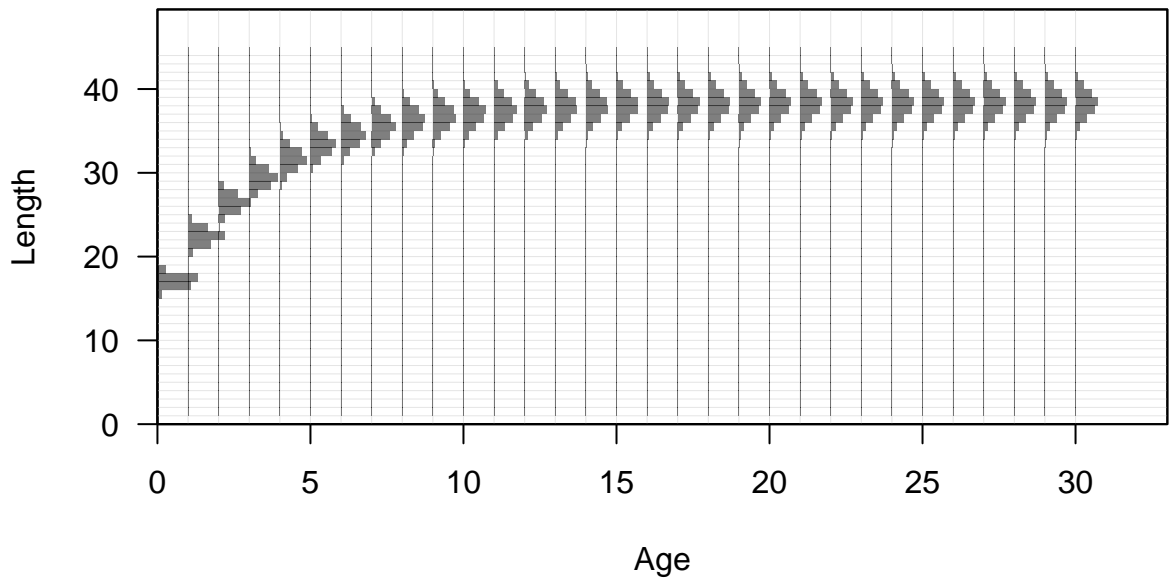


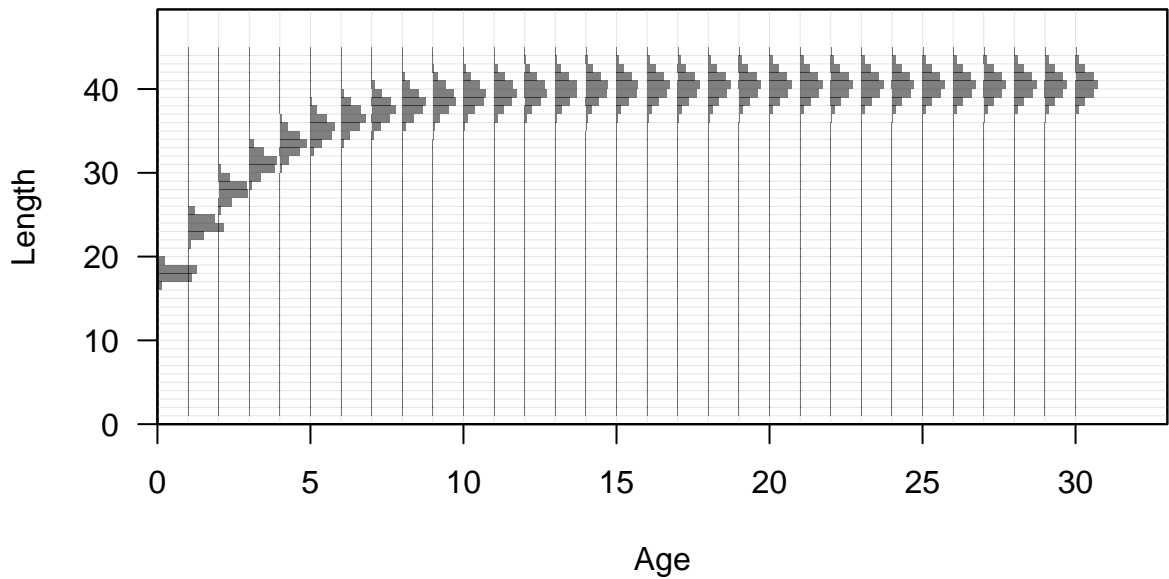






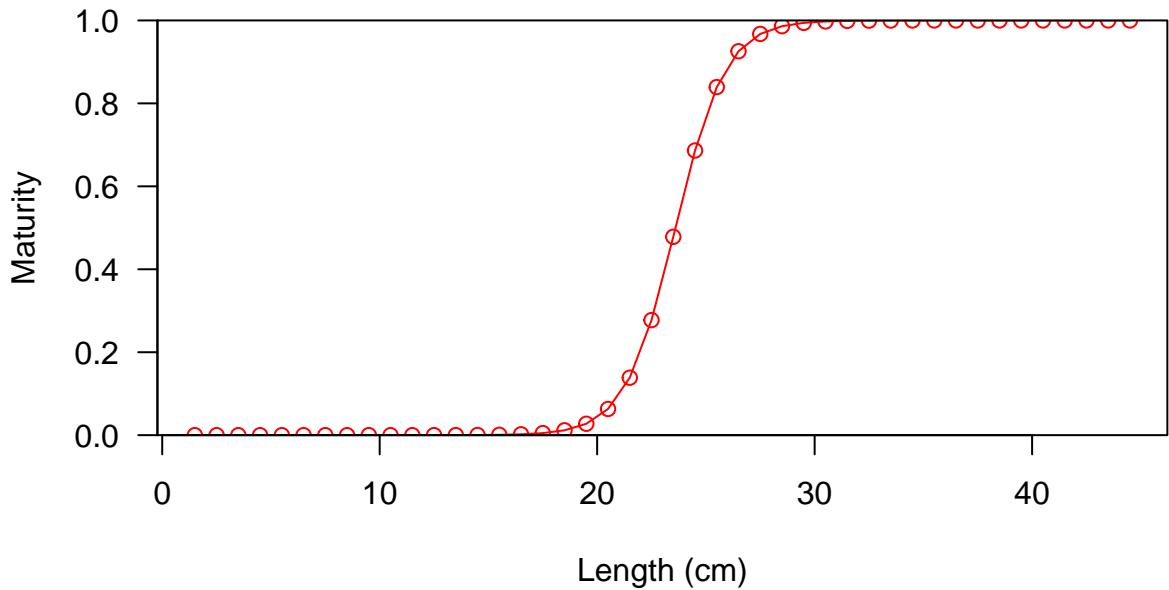








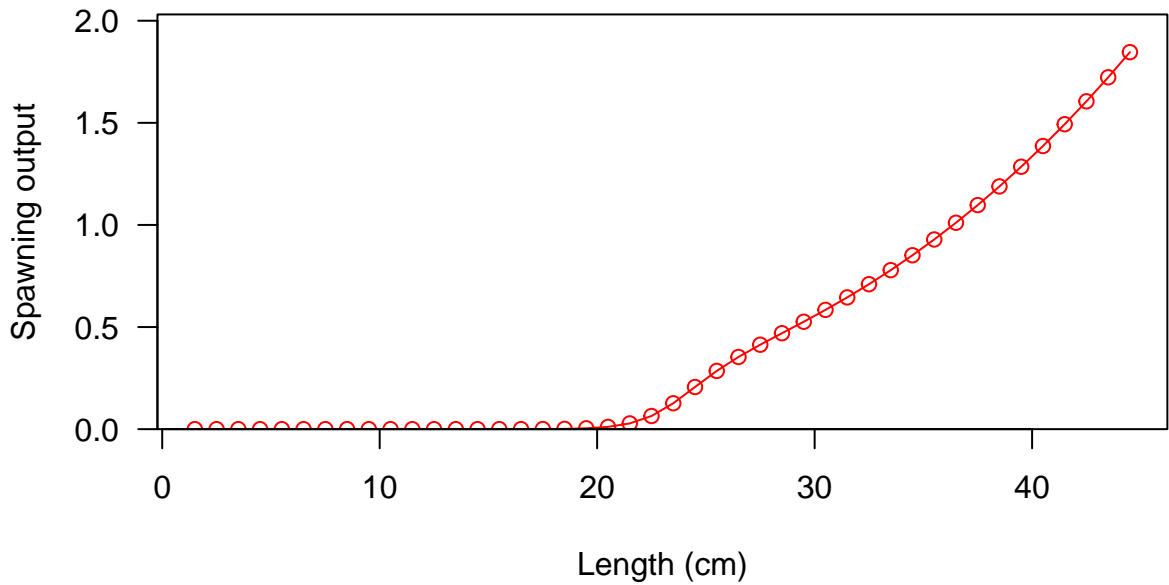




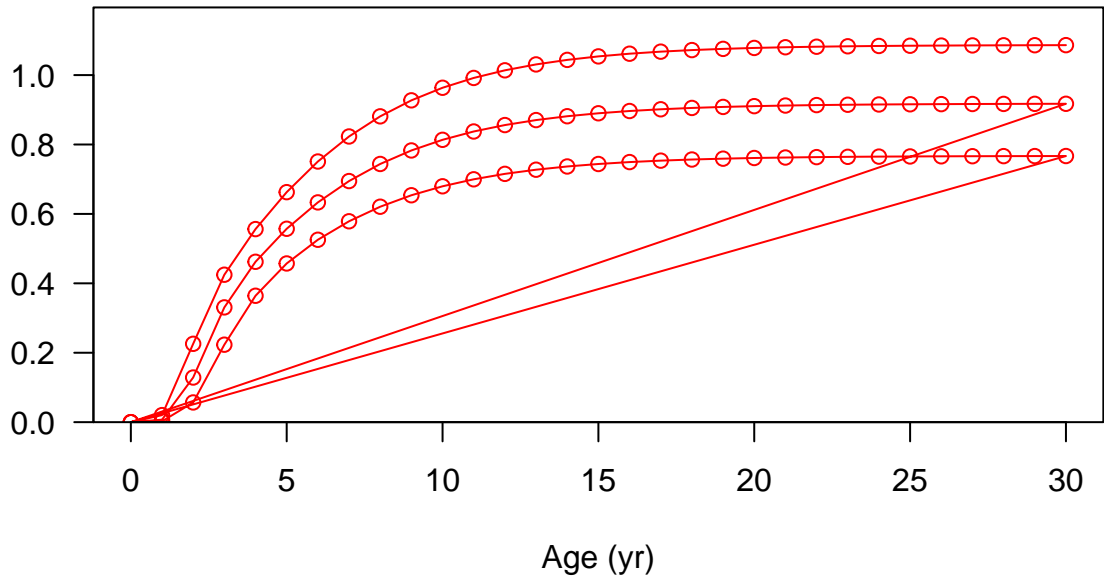




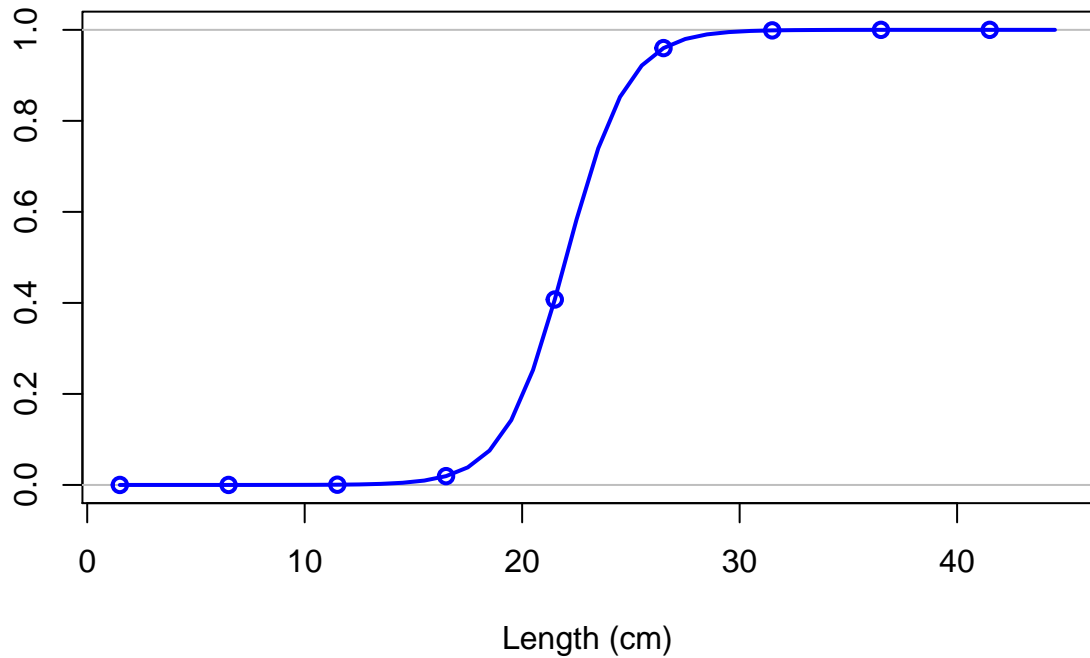




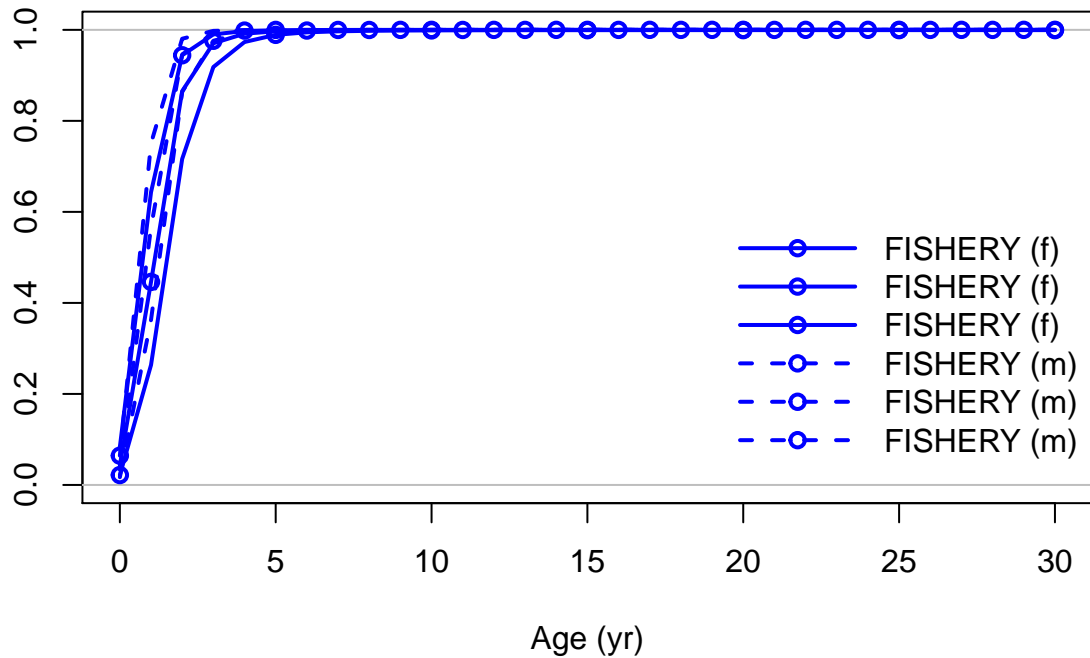
Spawning output



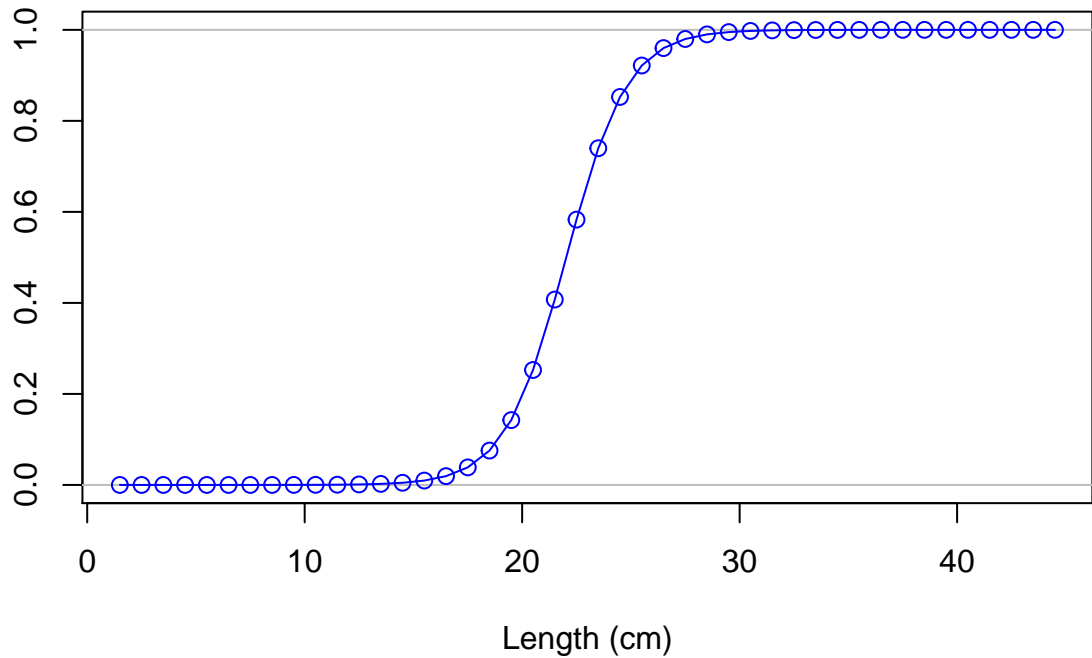
Selectivity



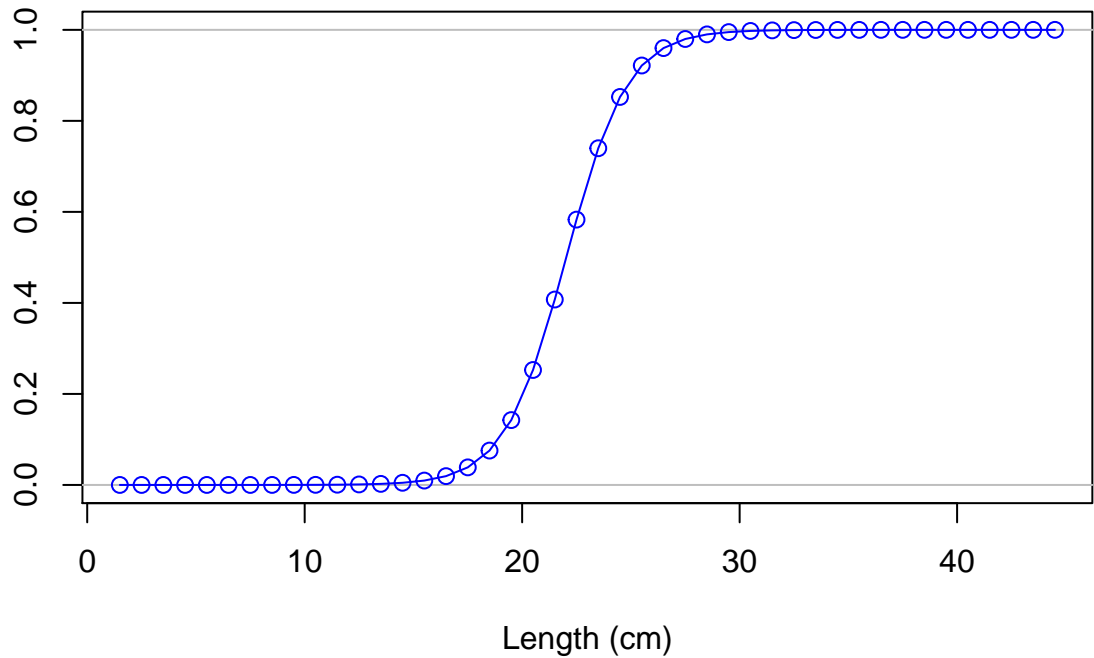
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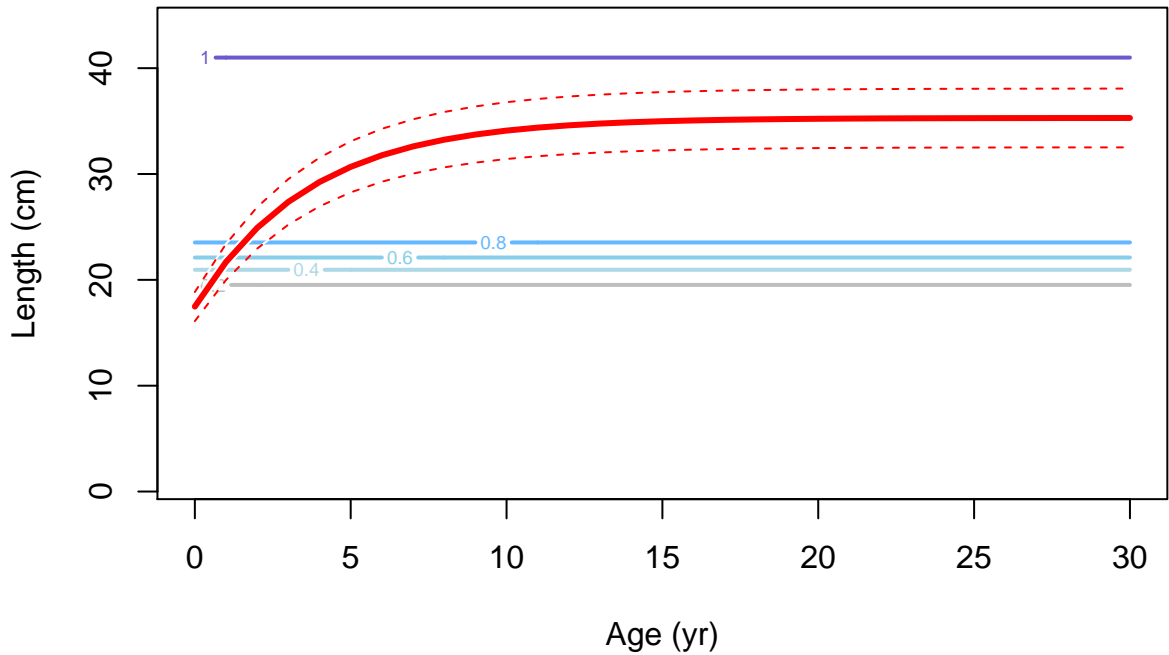


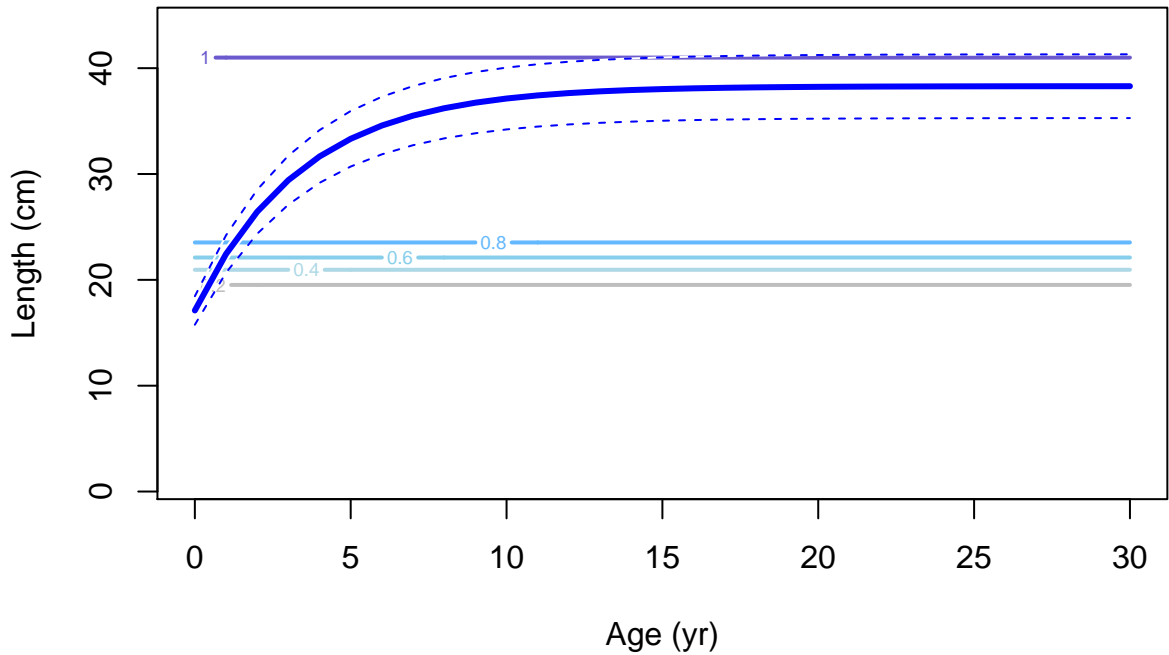
Selectivity

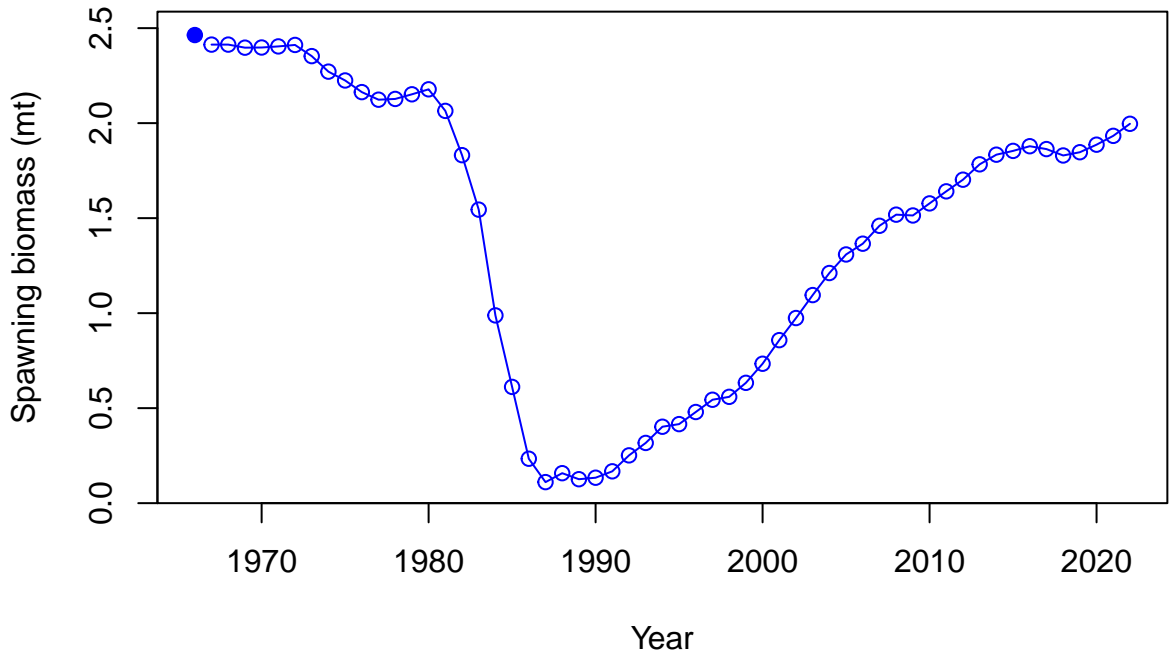


Selectivity

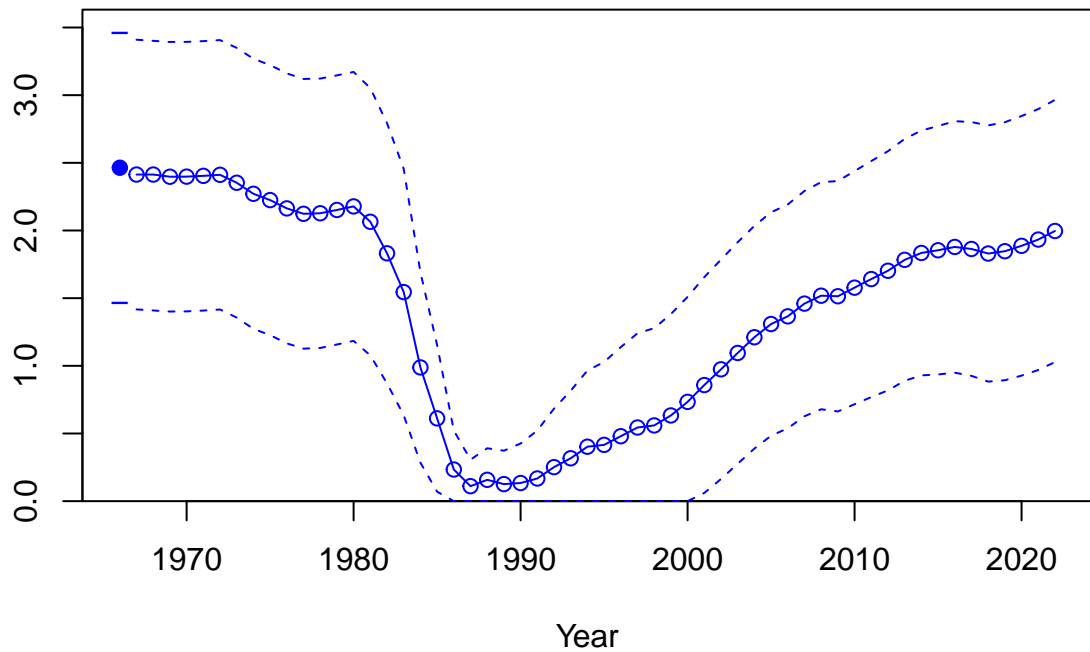




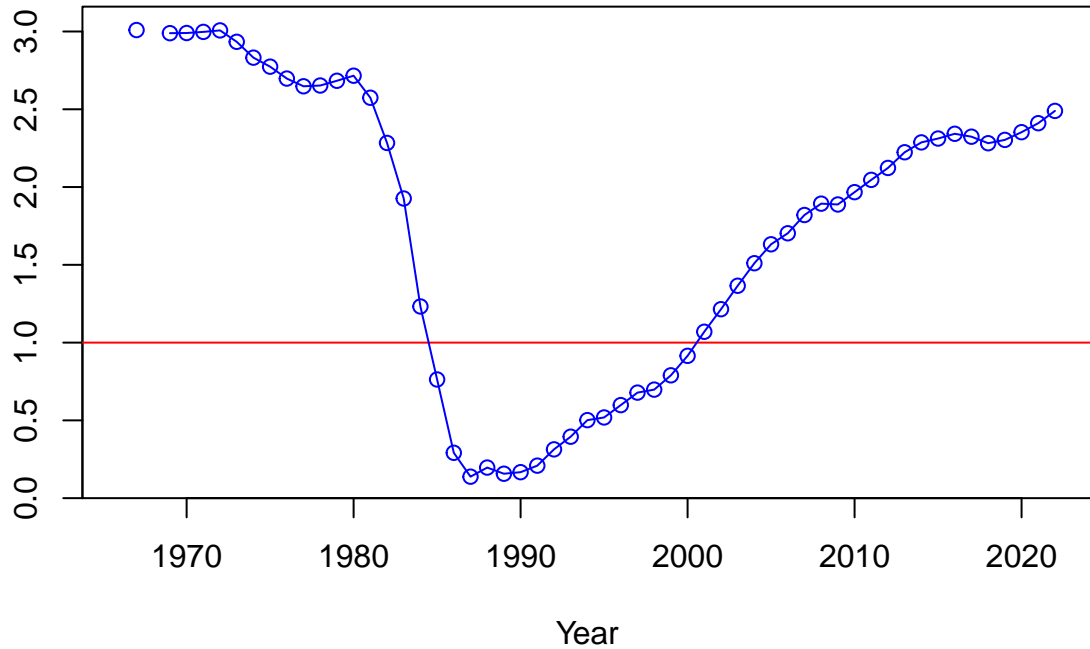




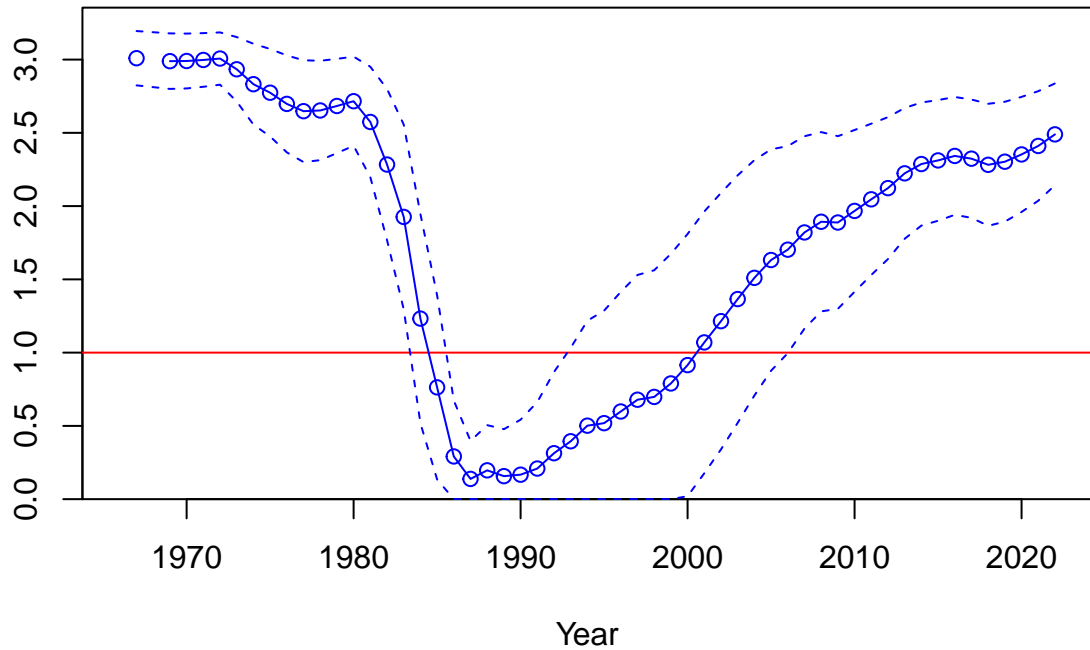
Spawning biomass (mt)

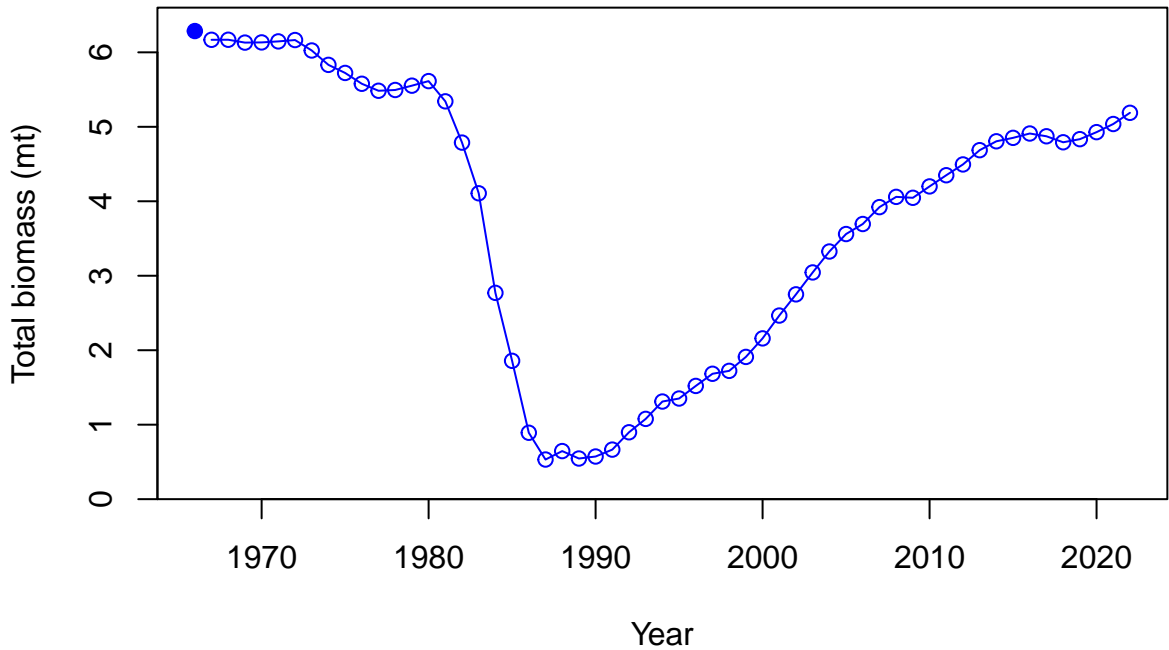


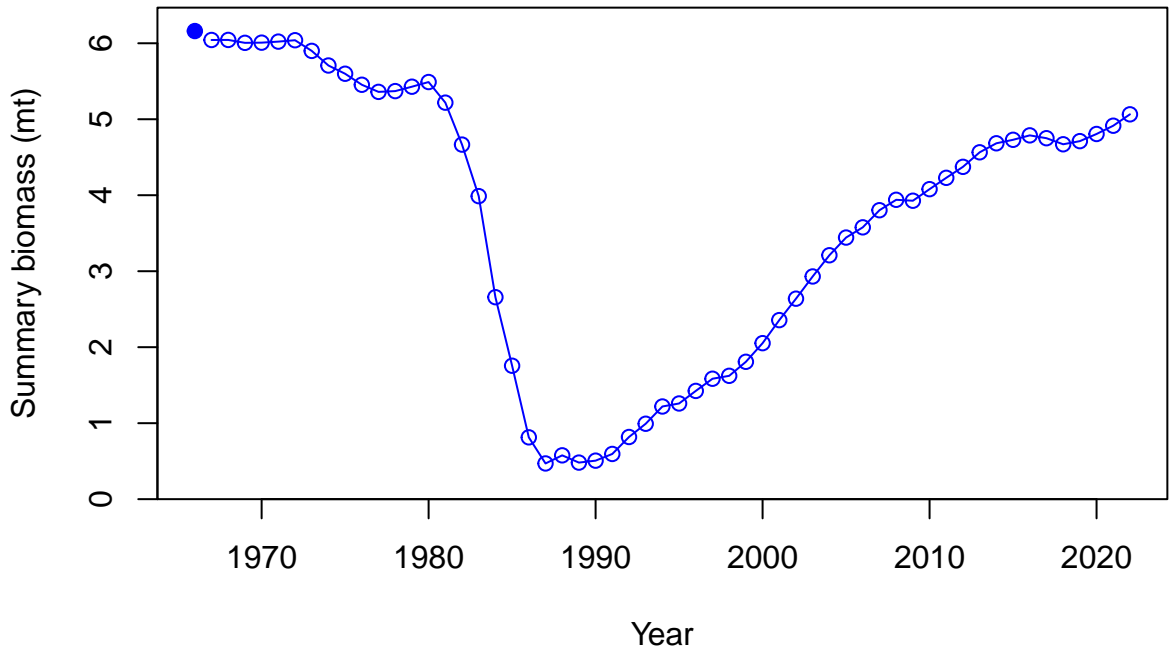
Relative spawning biomass: B/B_{MSY}



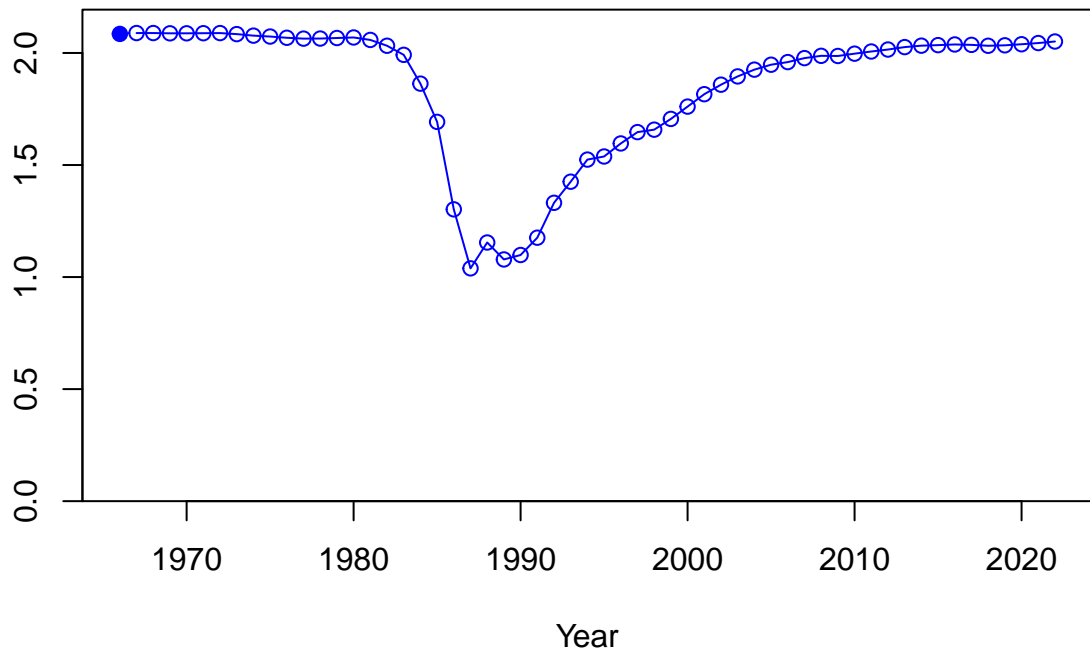
Relative spawning biomass: B/B_{MSY}



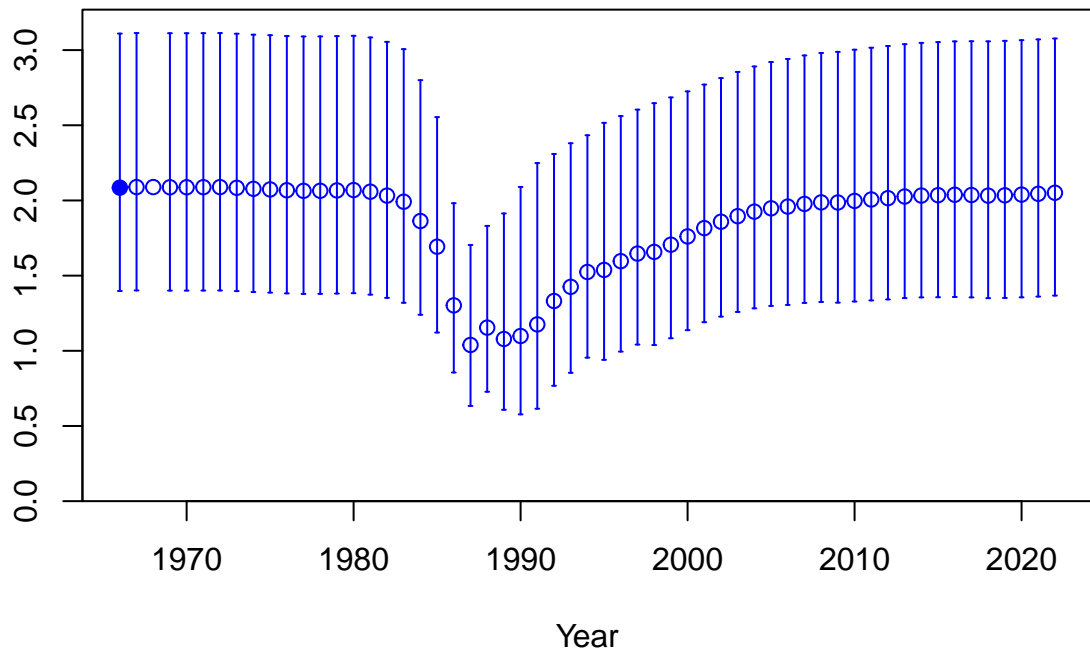




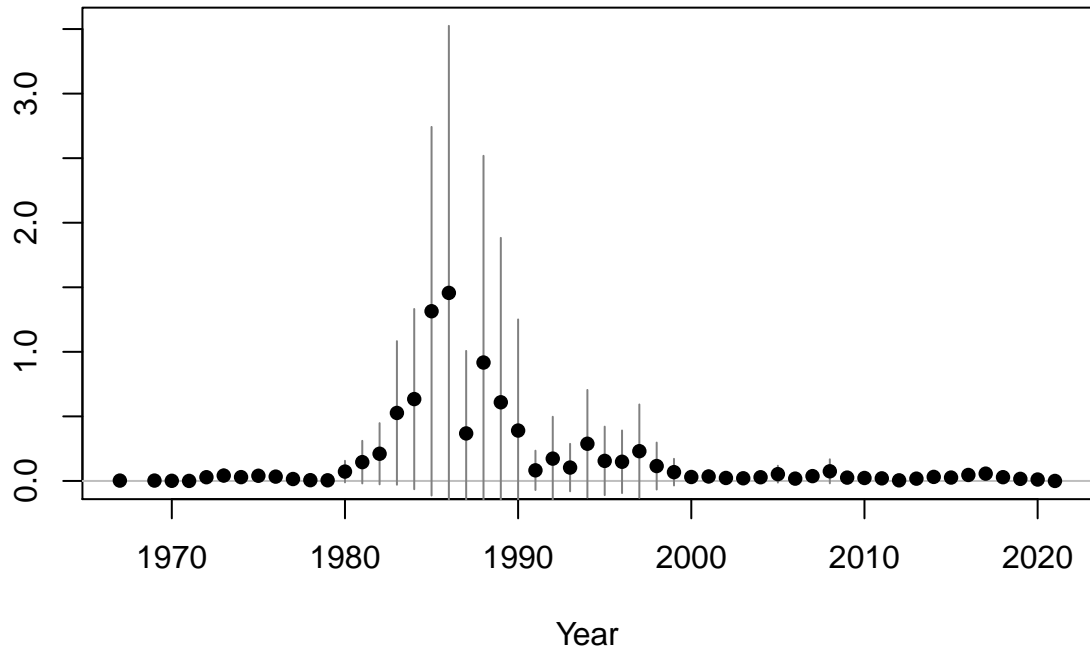
Age-0 recruits (1,000s)

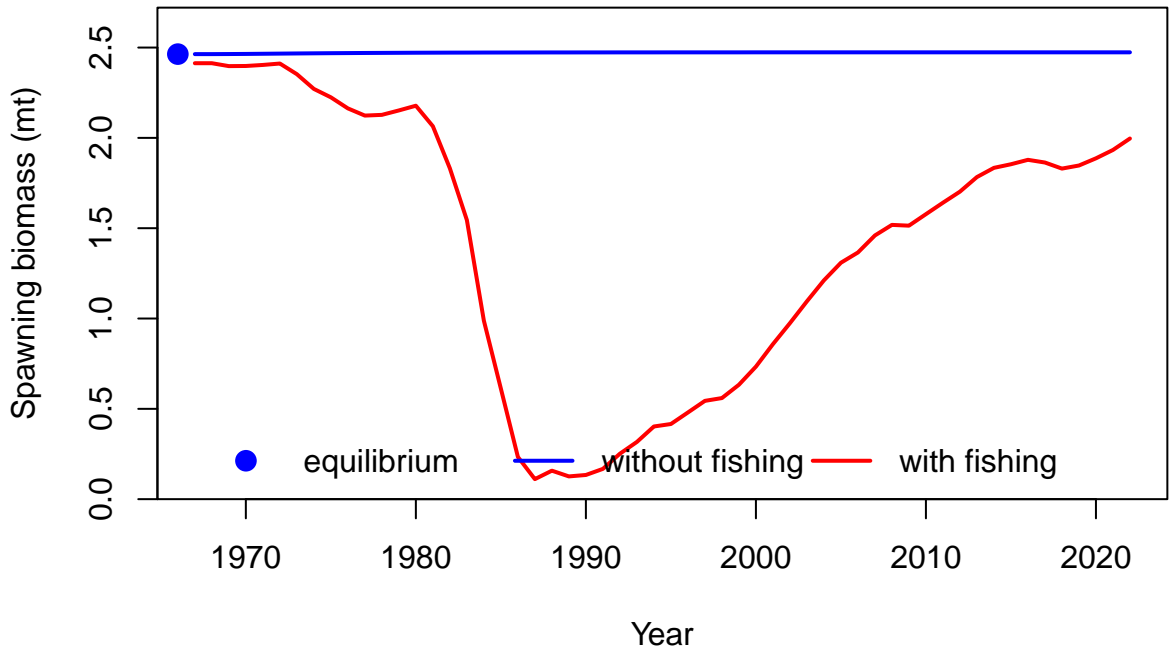


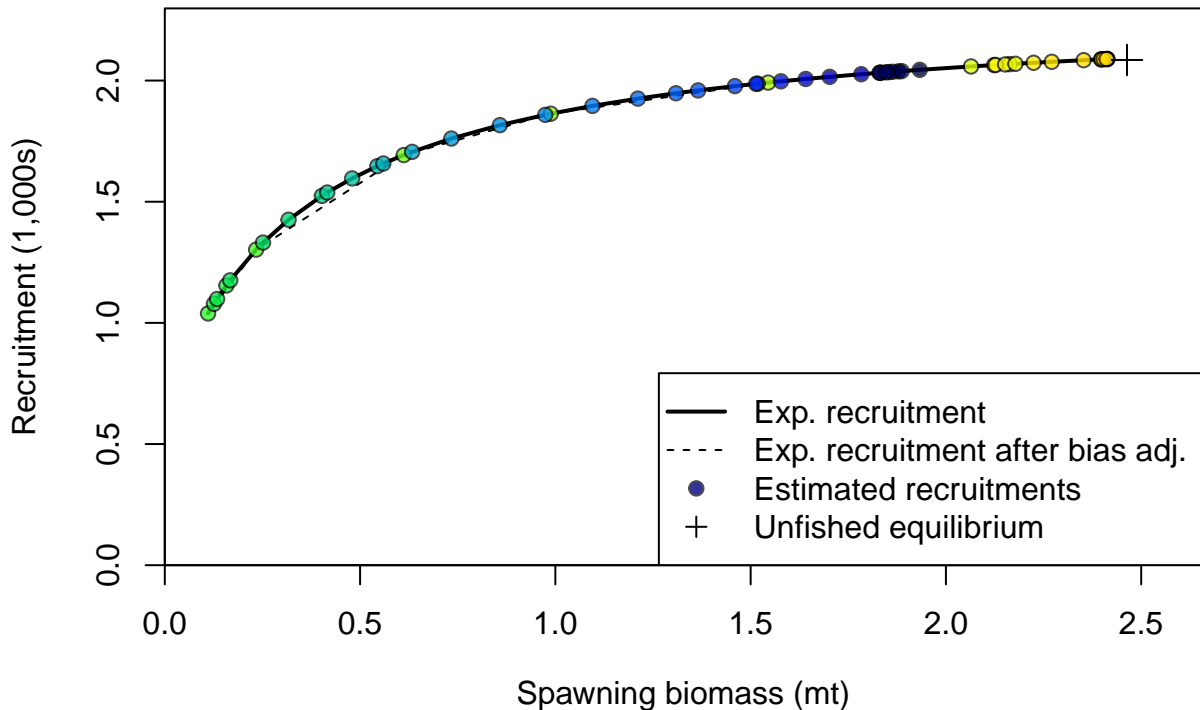
Age-0 recruits (1,000s)

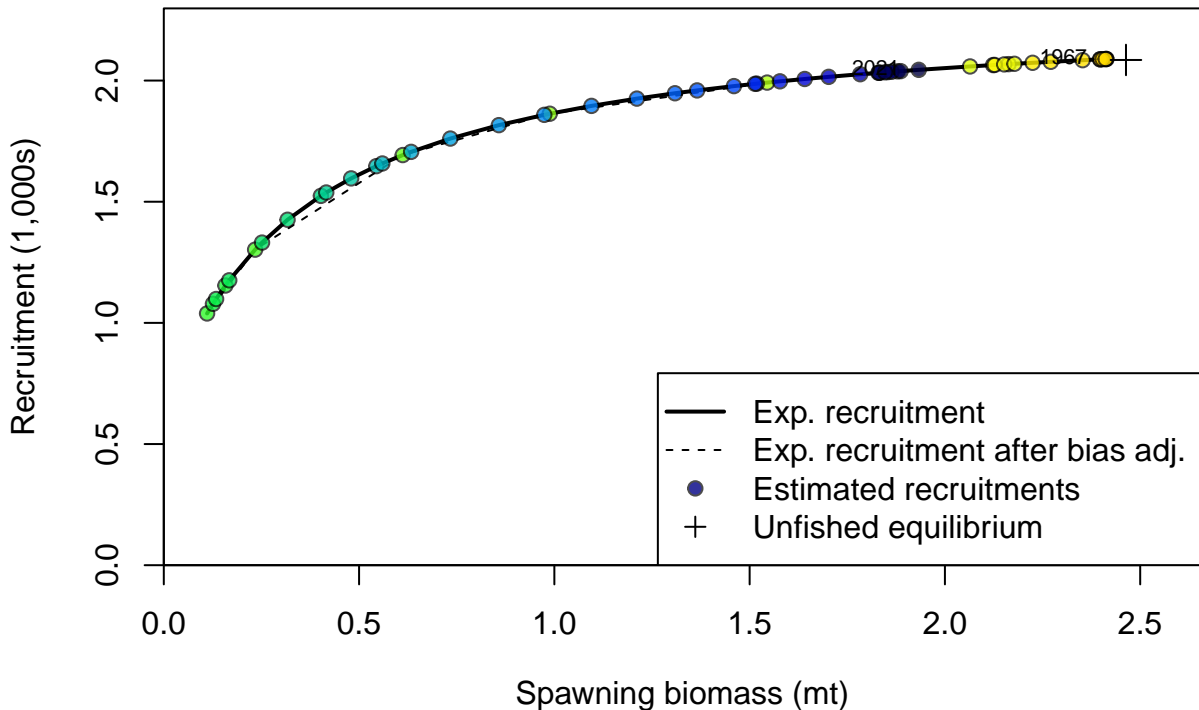


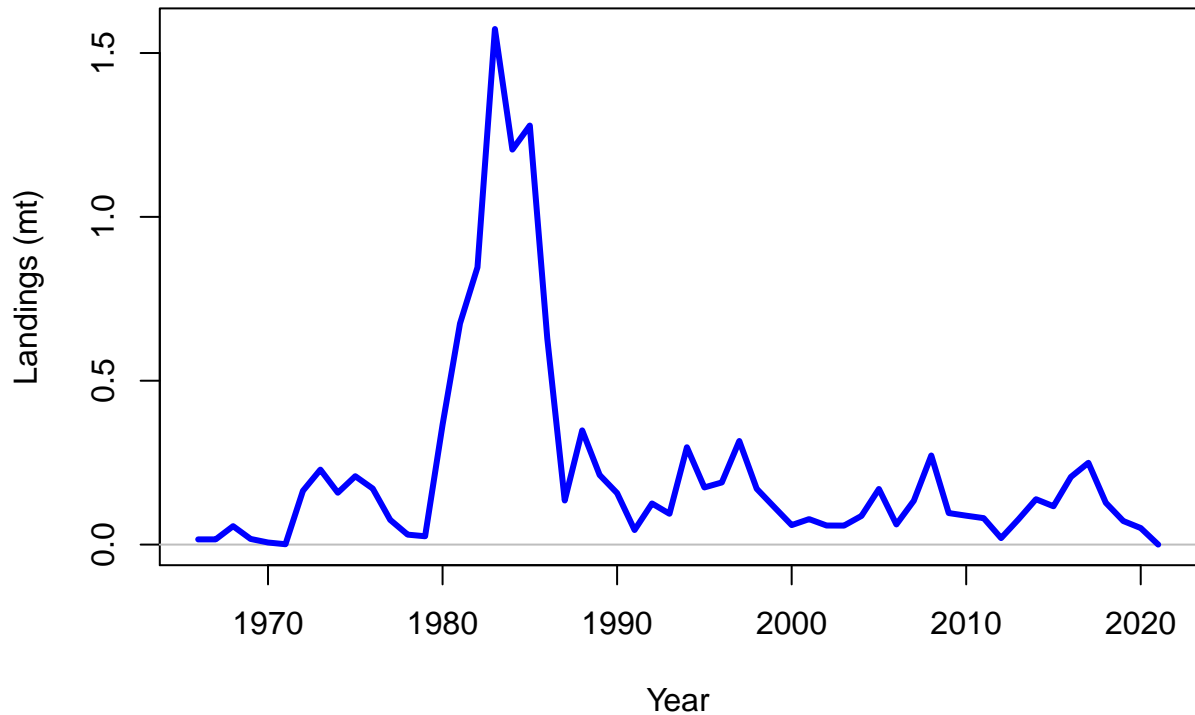
Summary Fishing Mortality

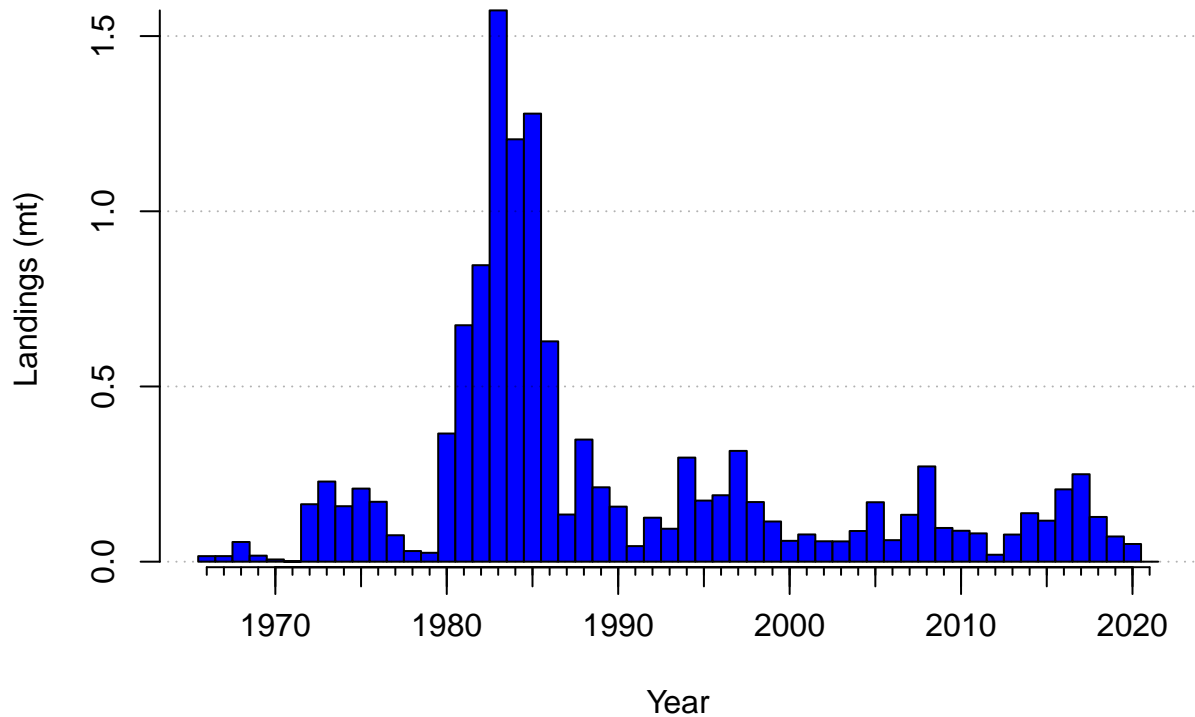


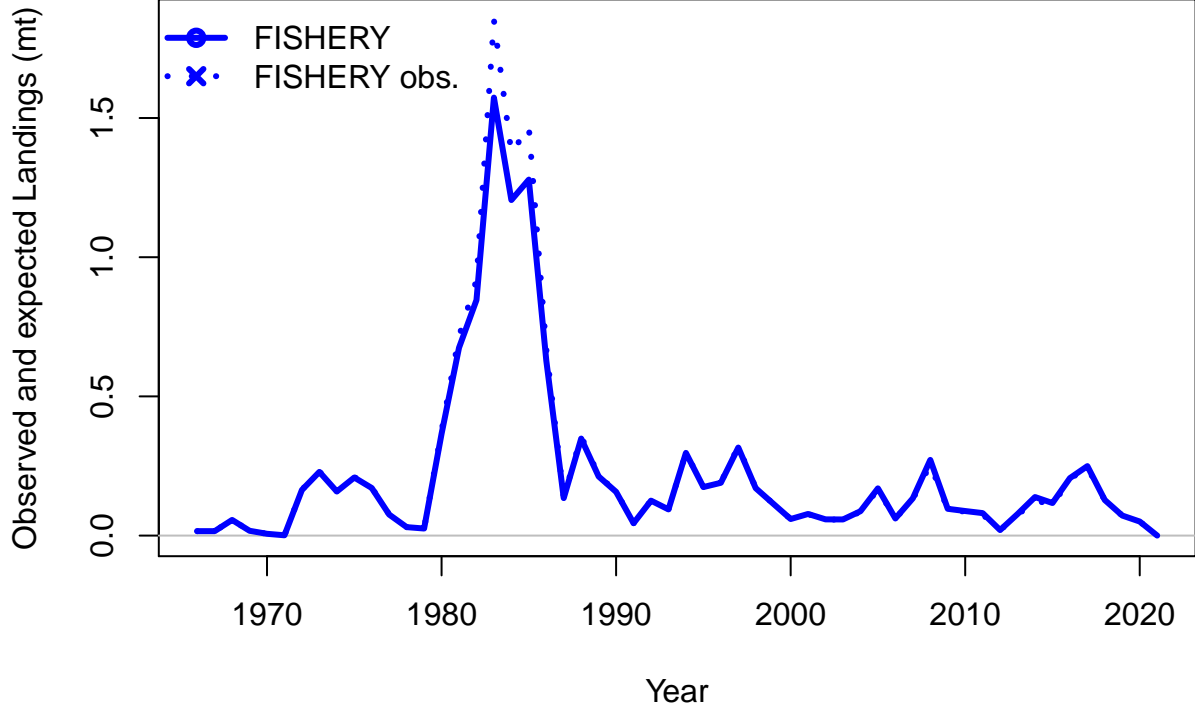


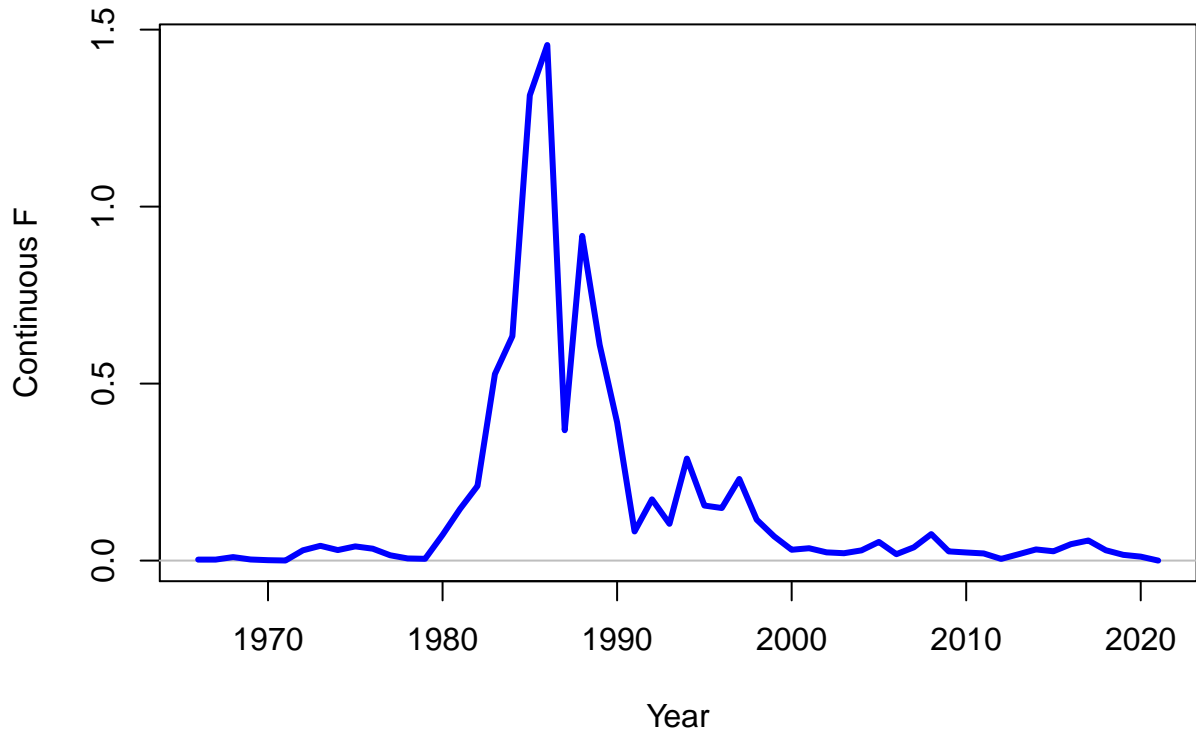




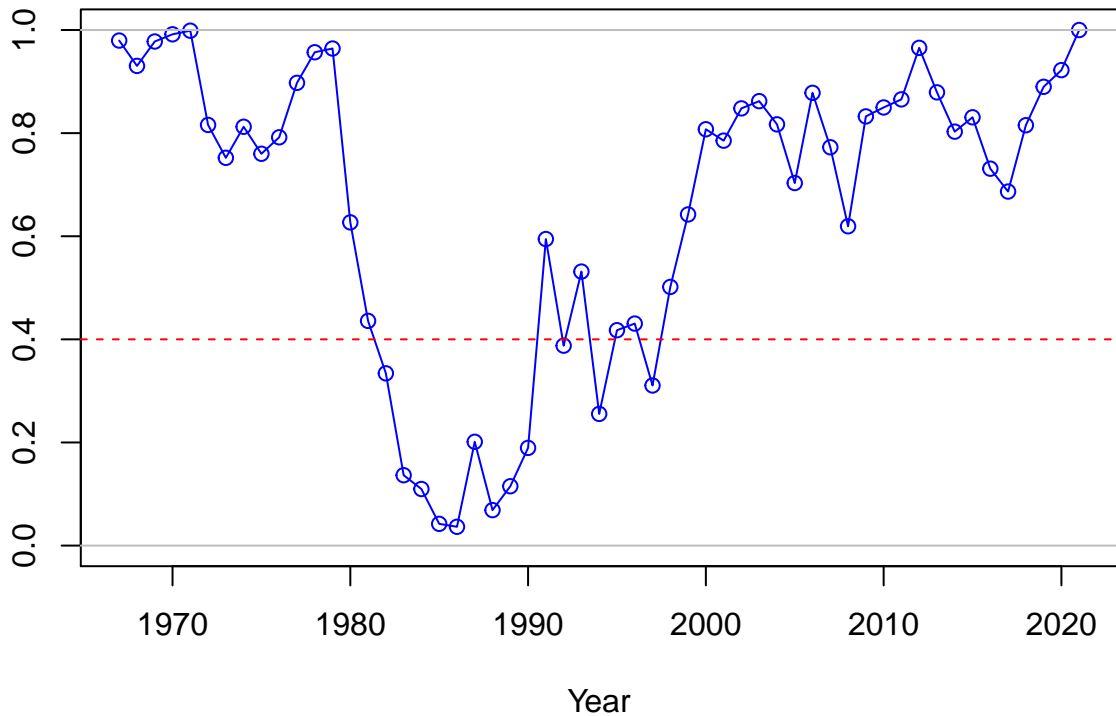




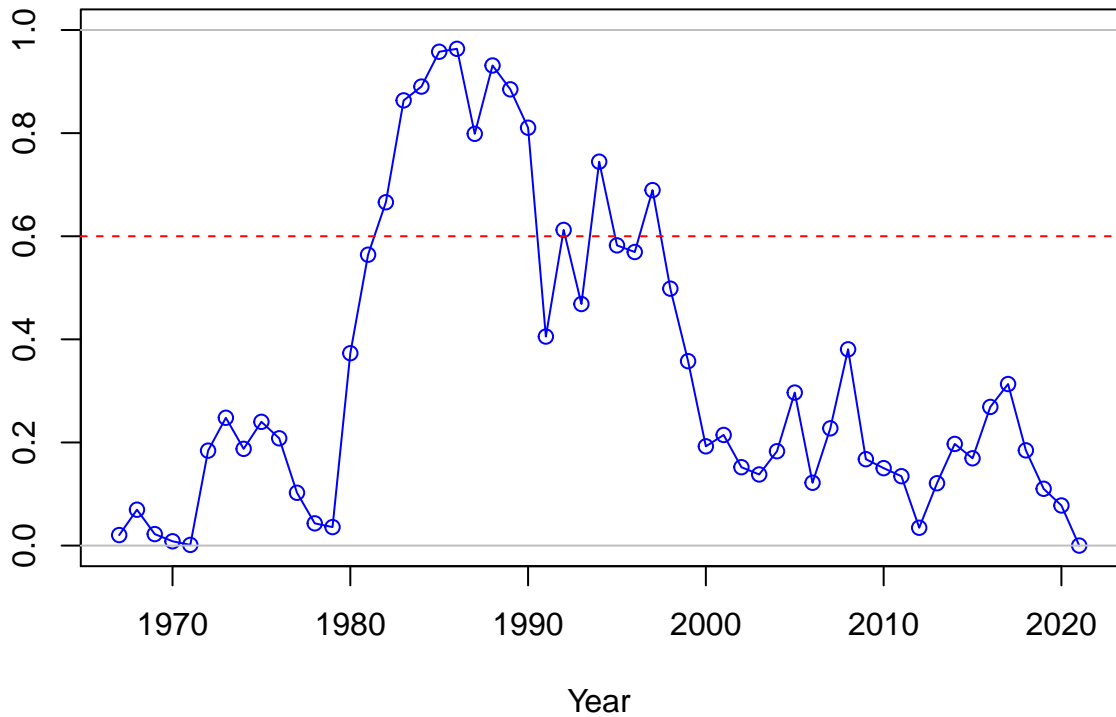




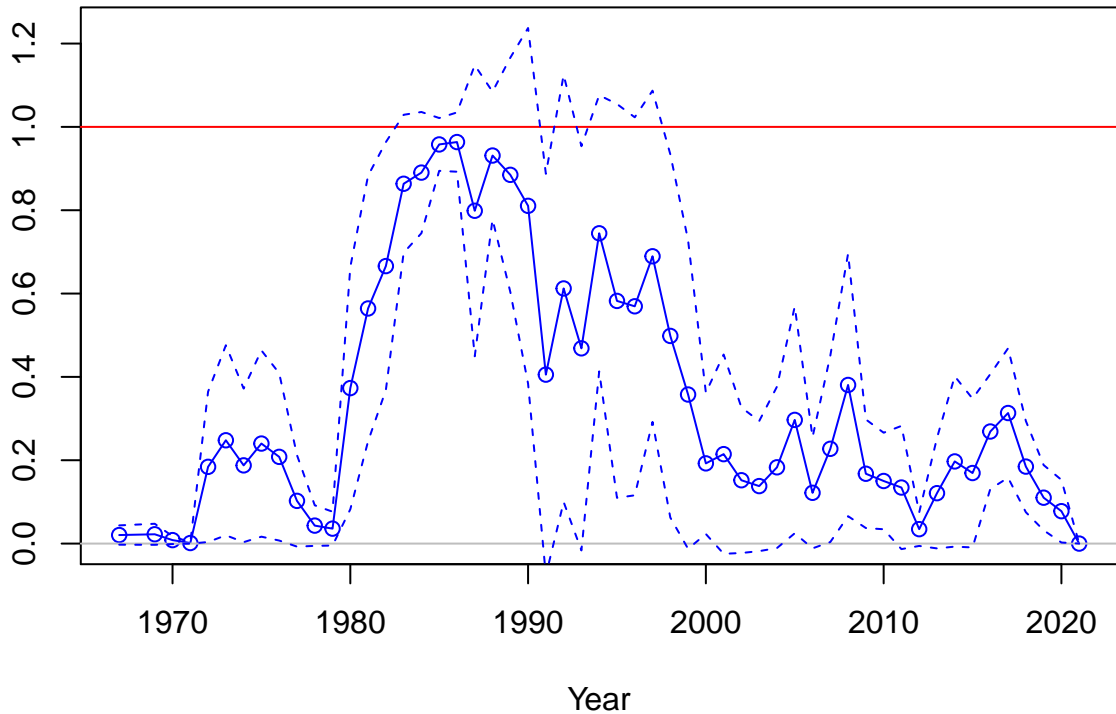
SPR



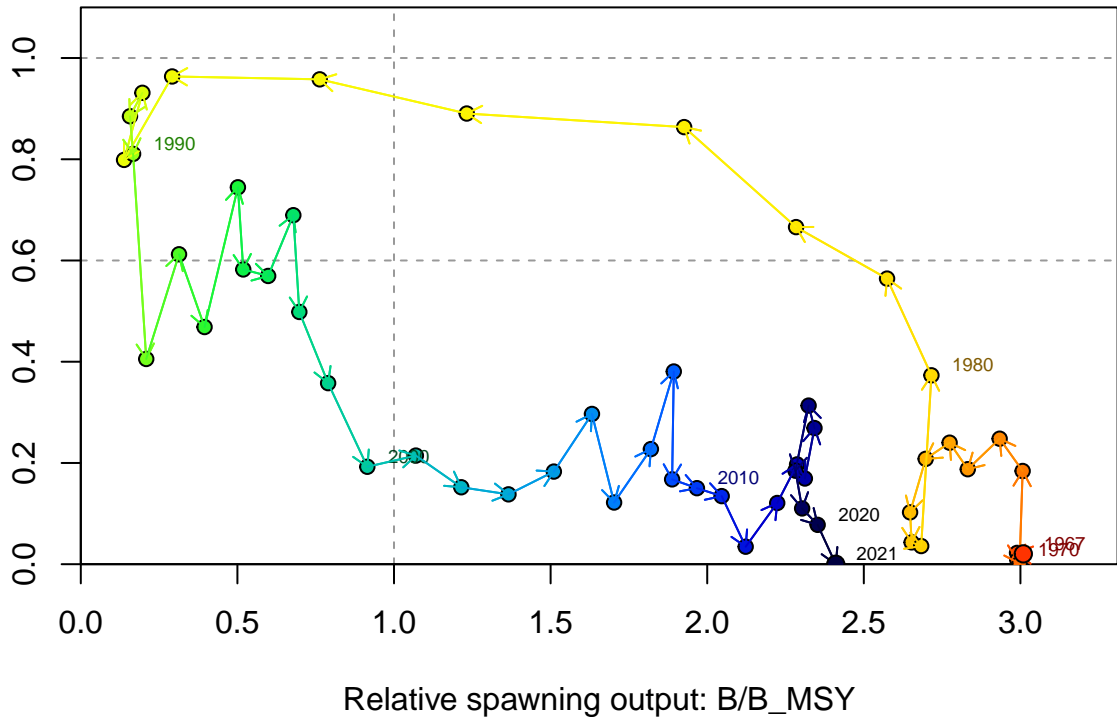
1-SPR



Fishing intensity: 1-SPR



Fishing intensity: 1-SPR



Index

1.5
1.0
0.5
0.0

2016

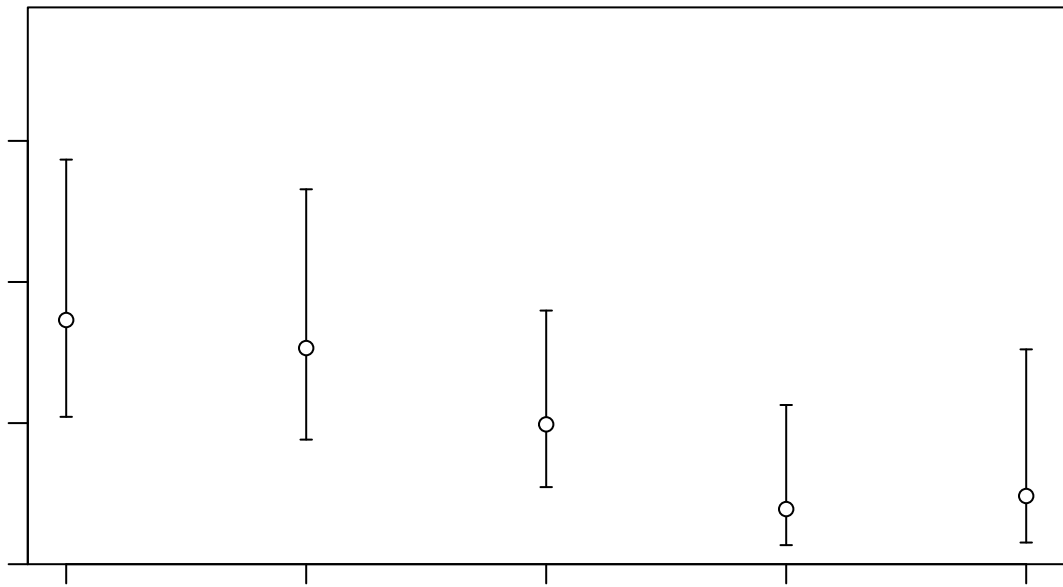
2017

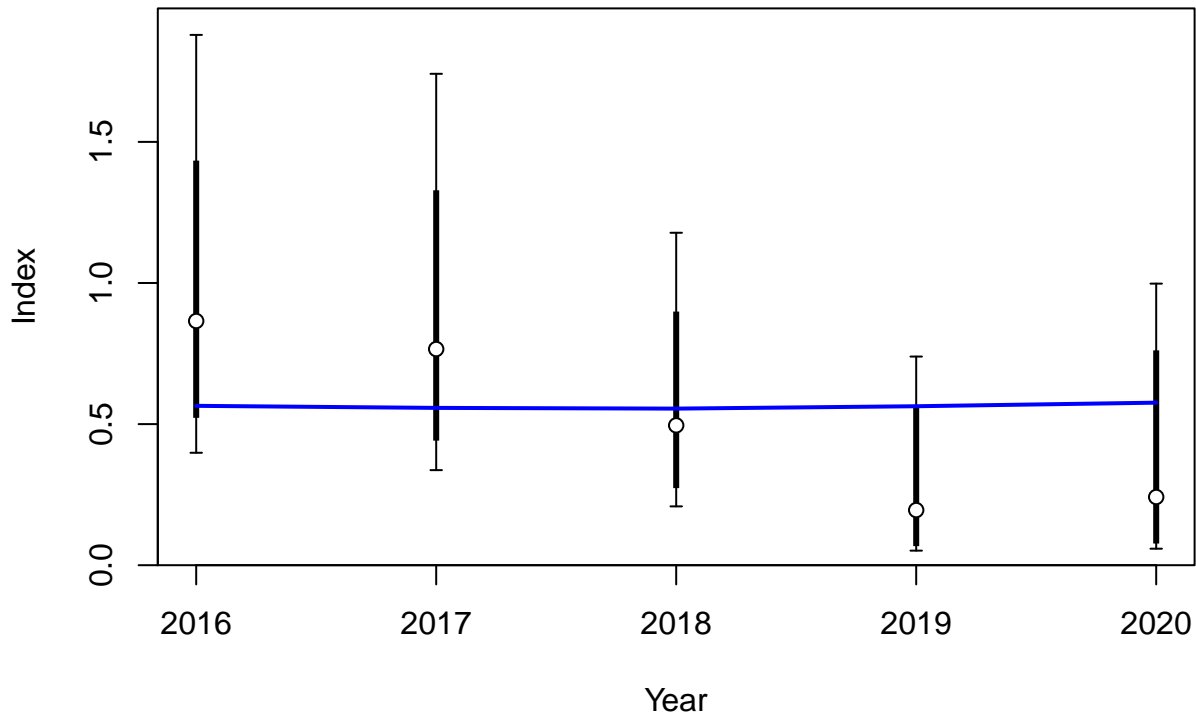
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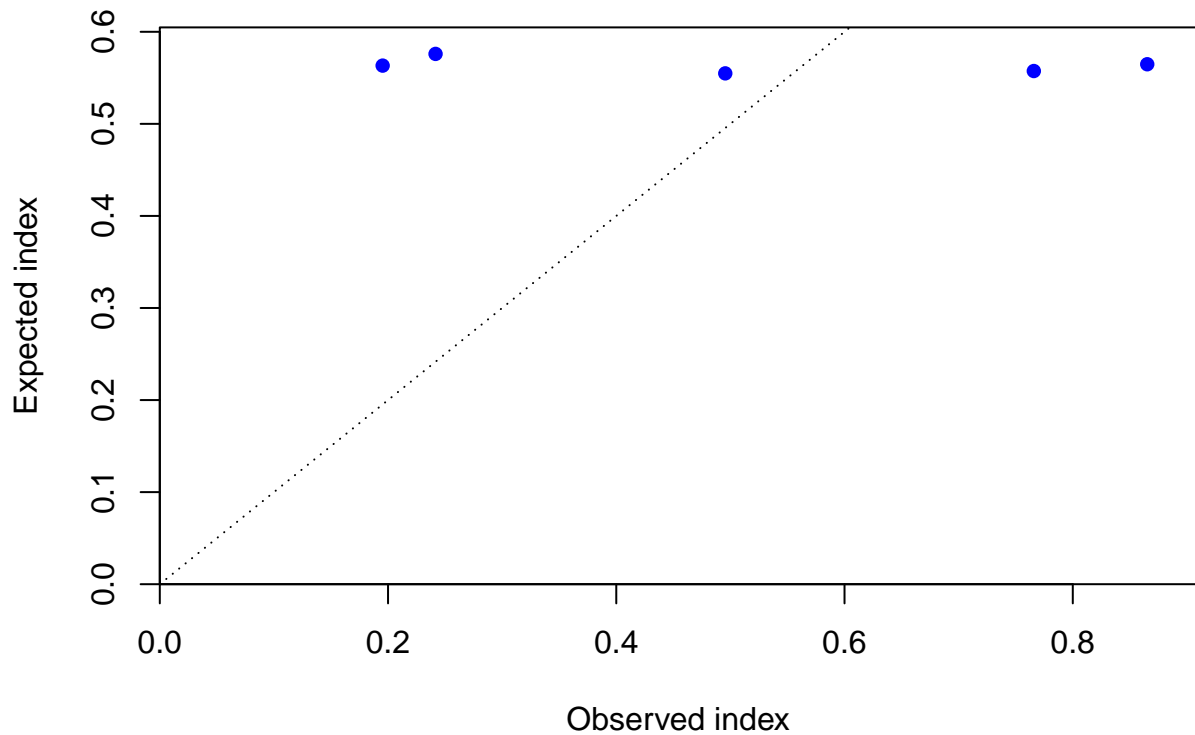
2019

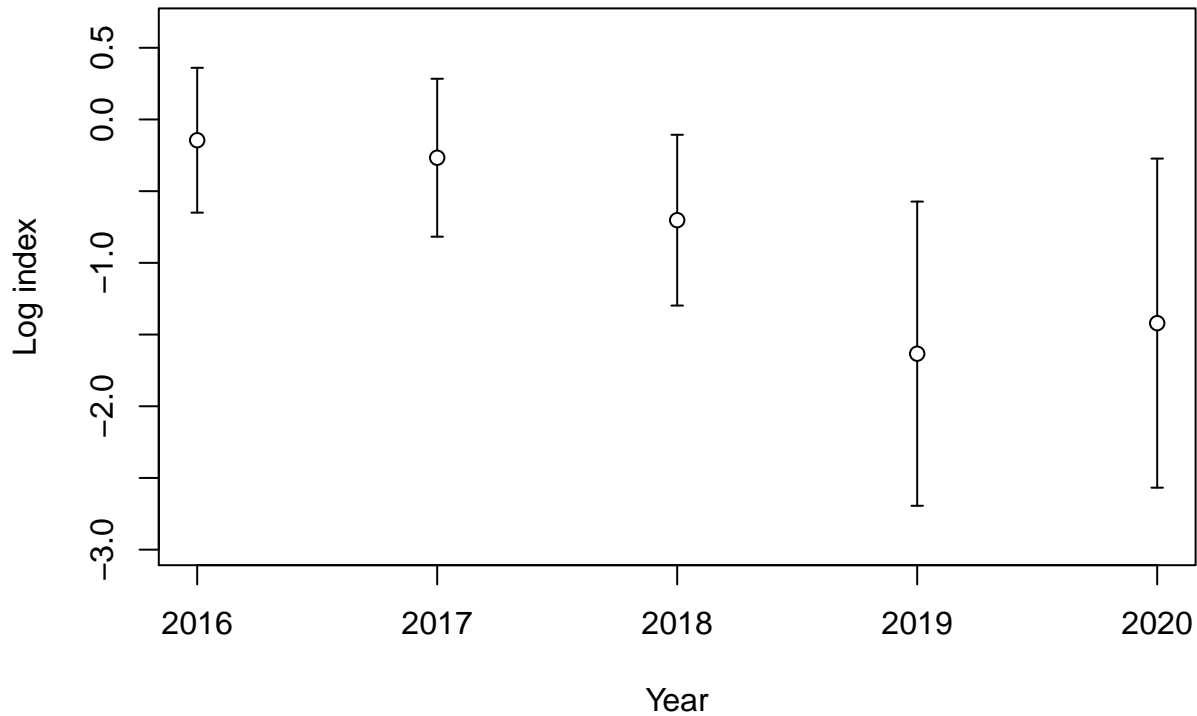
2020

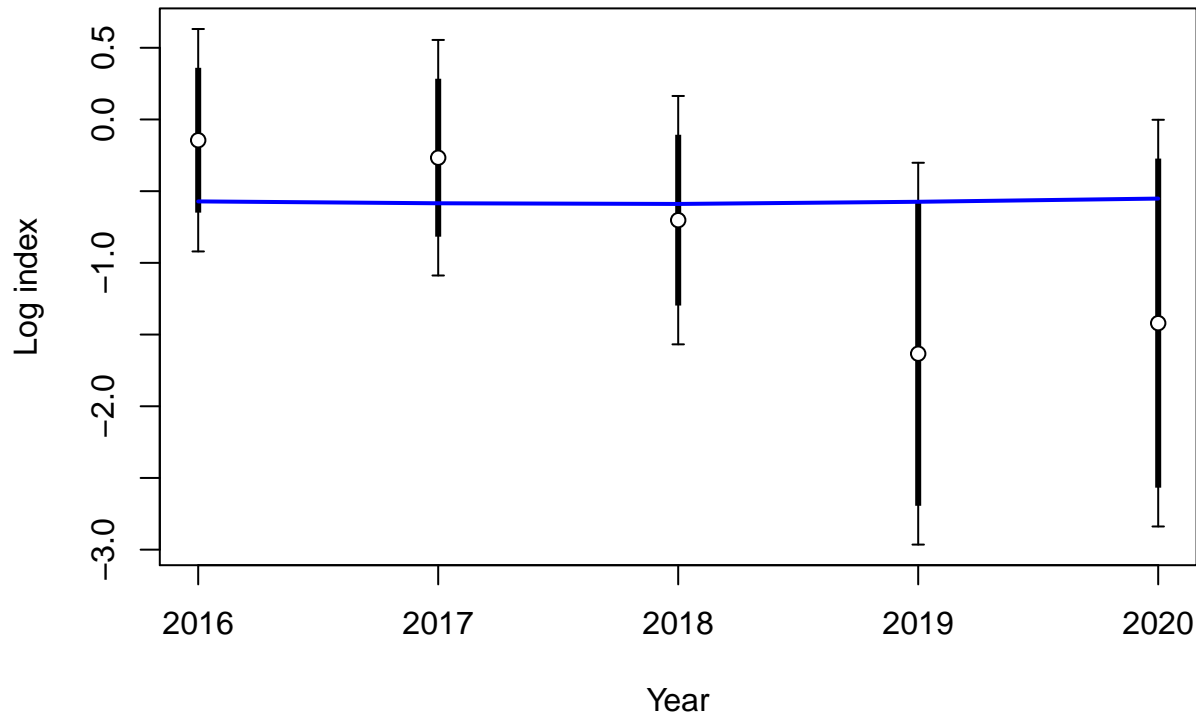
Year

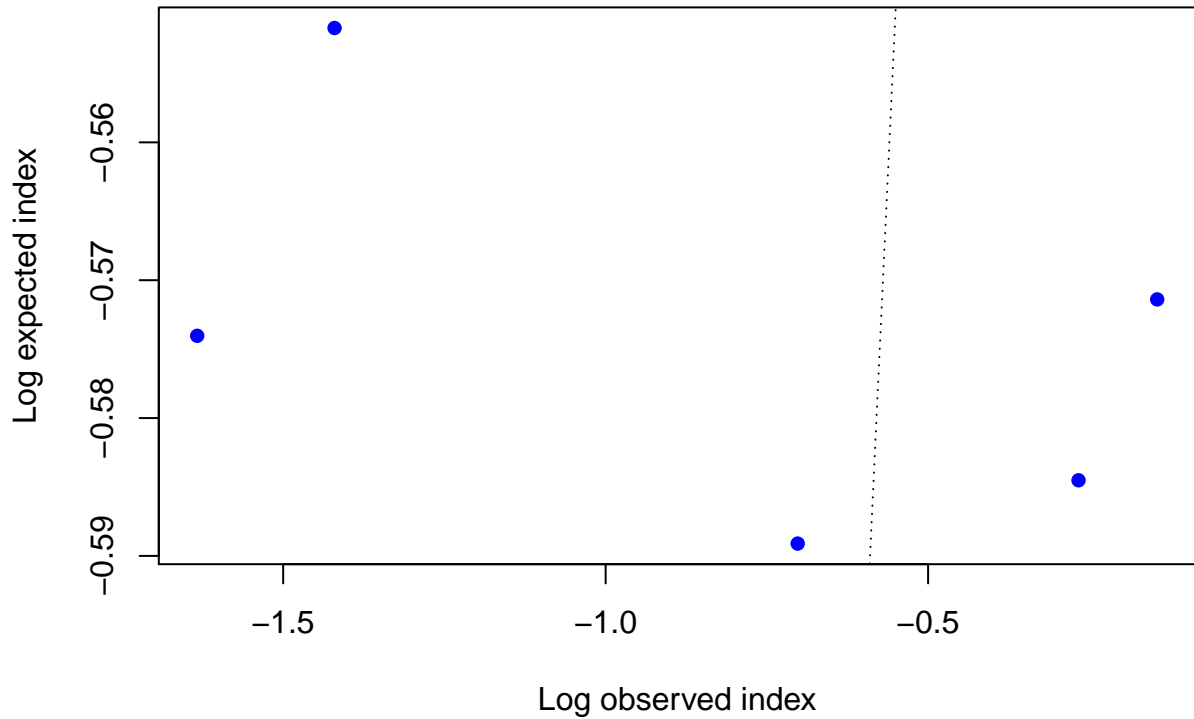


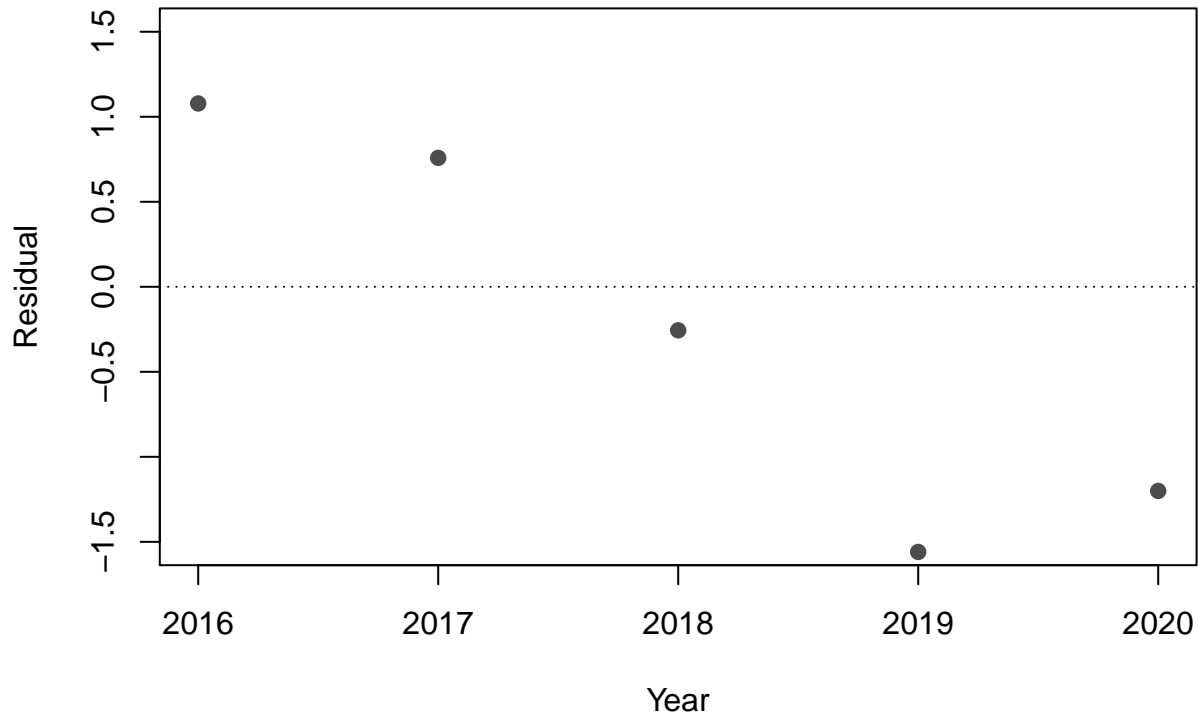


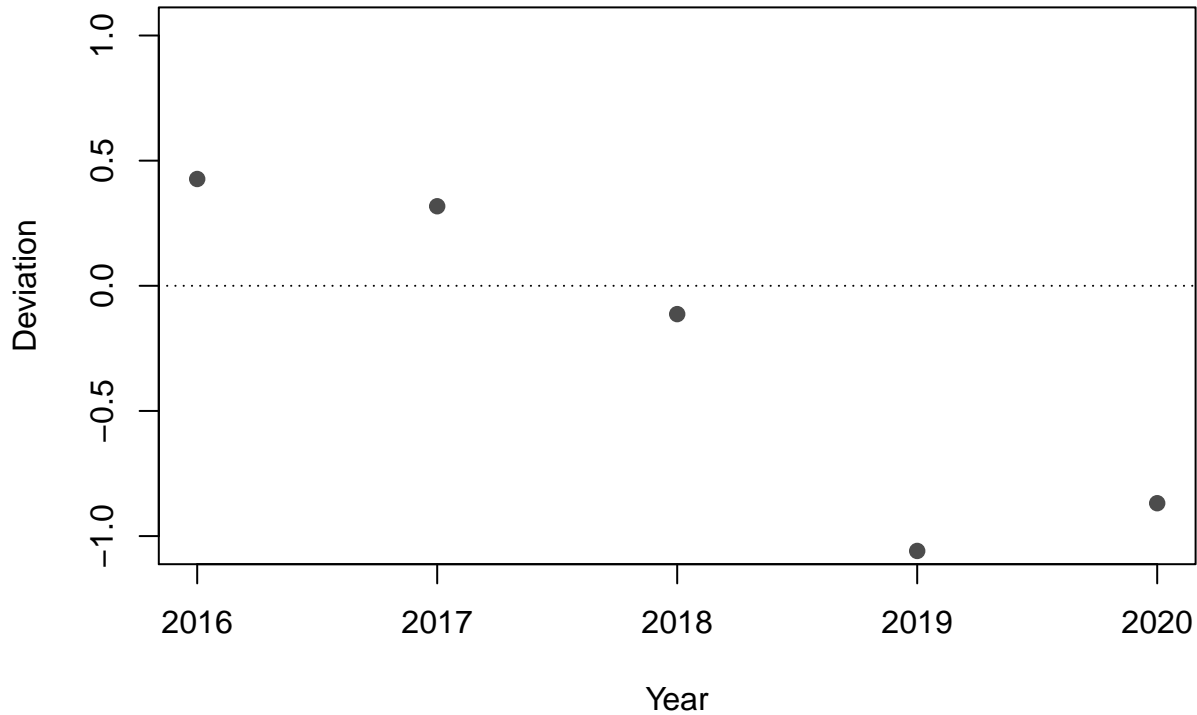




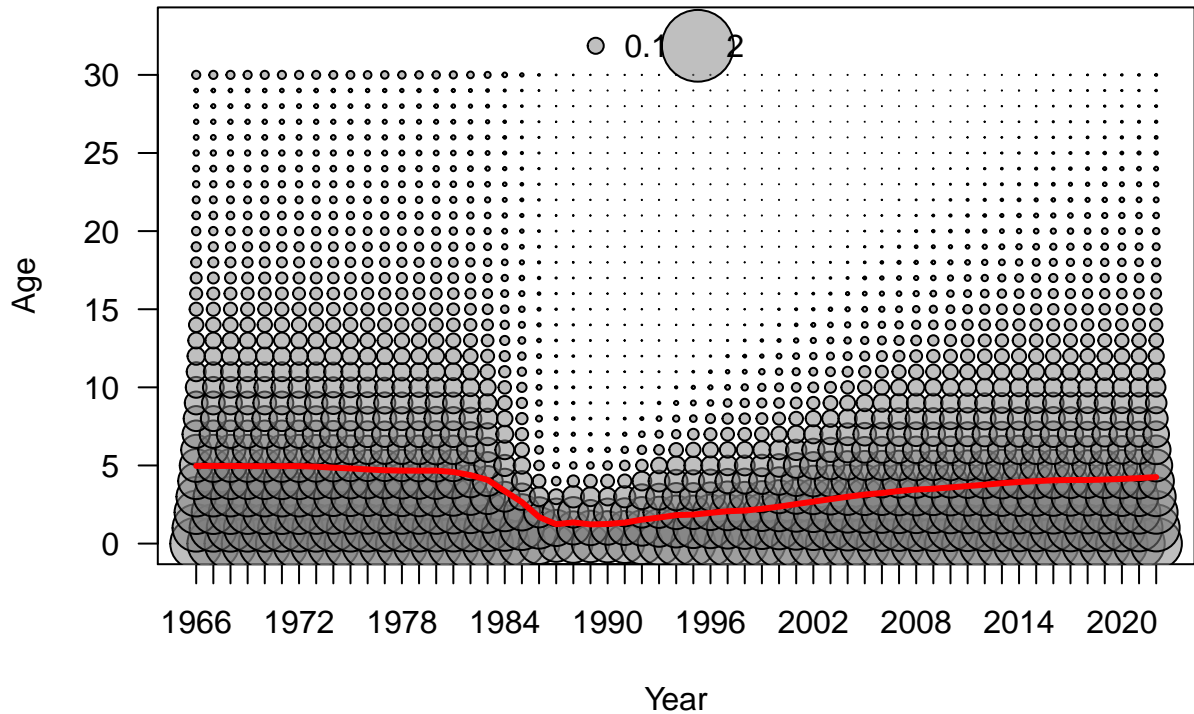


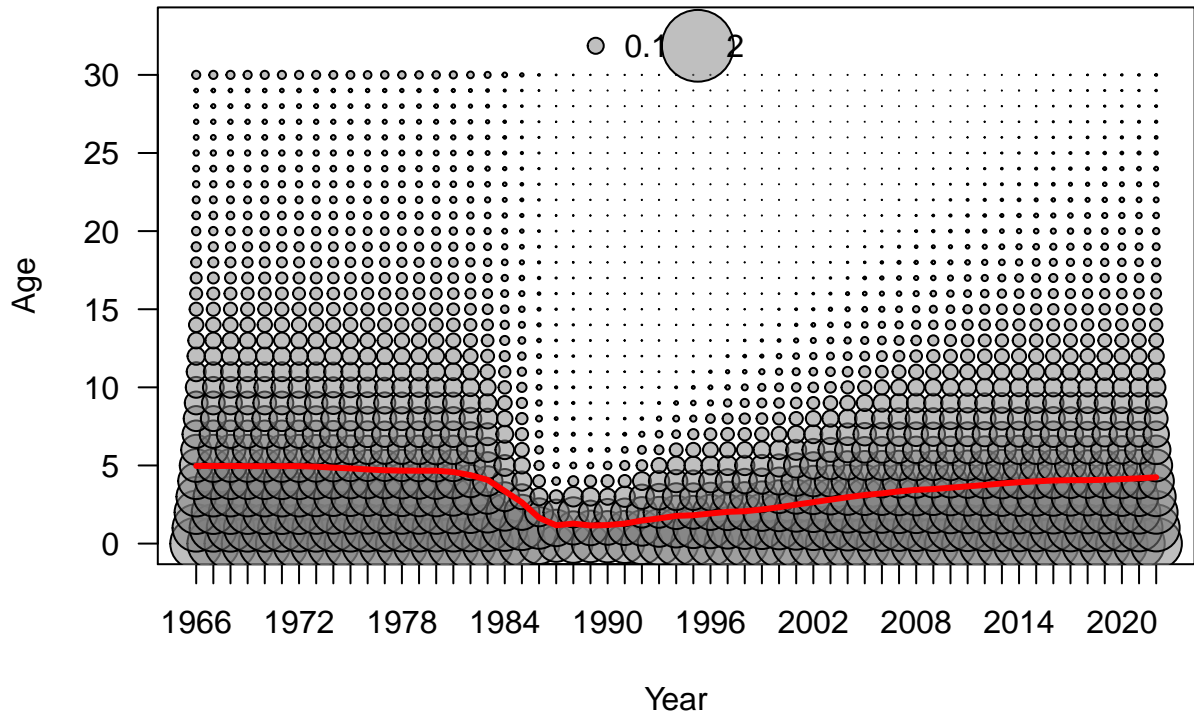


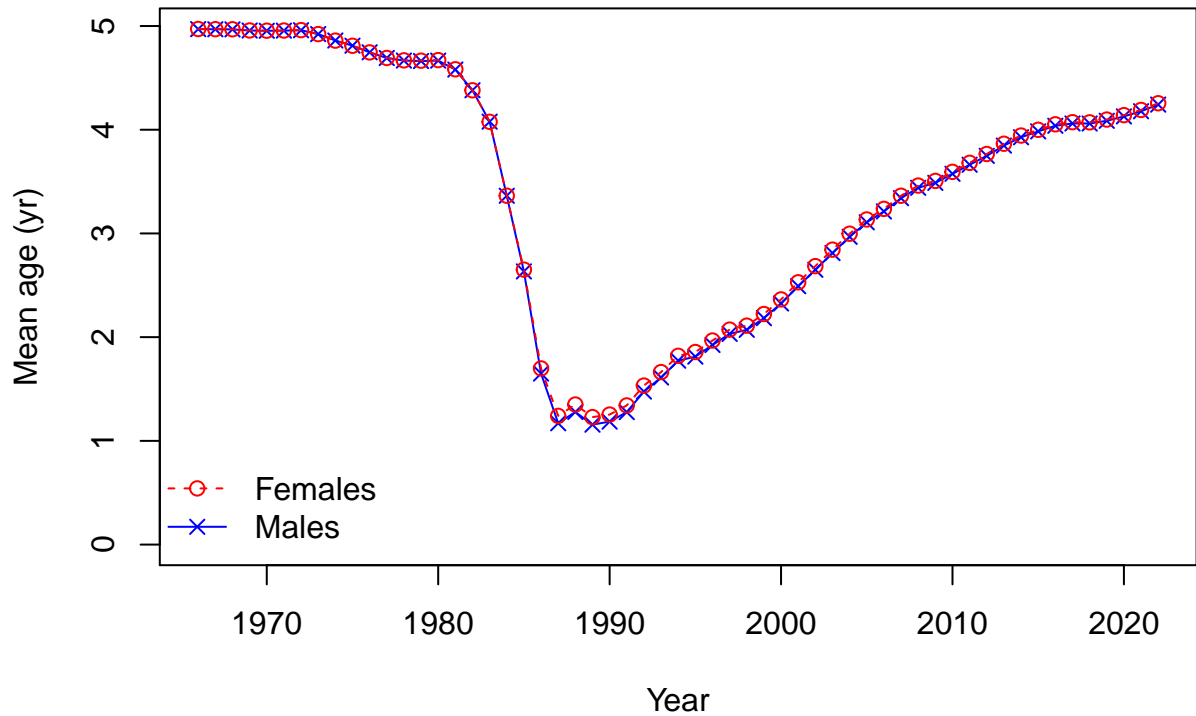


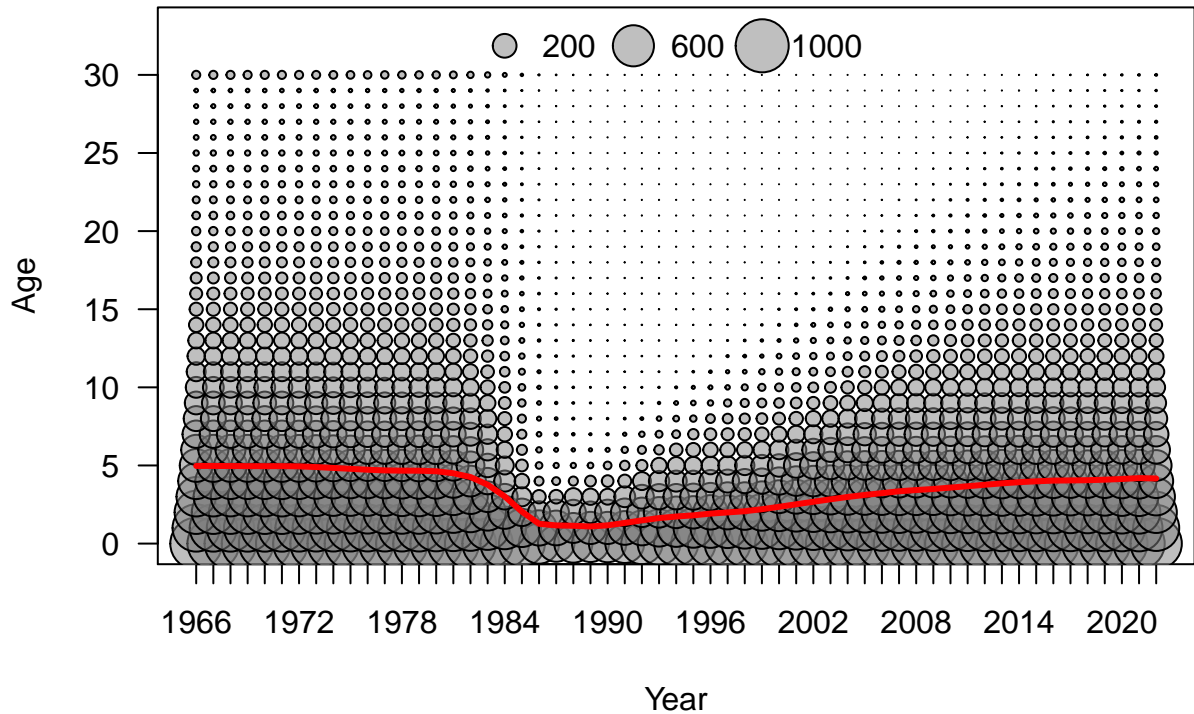


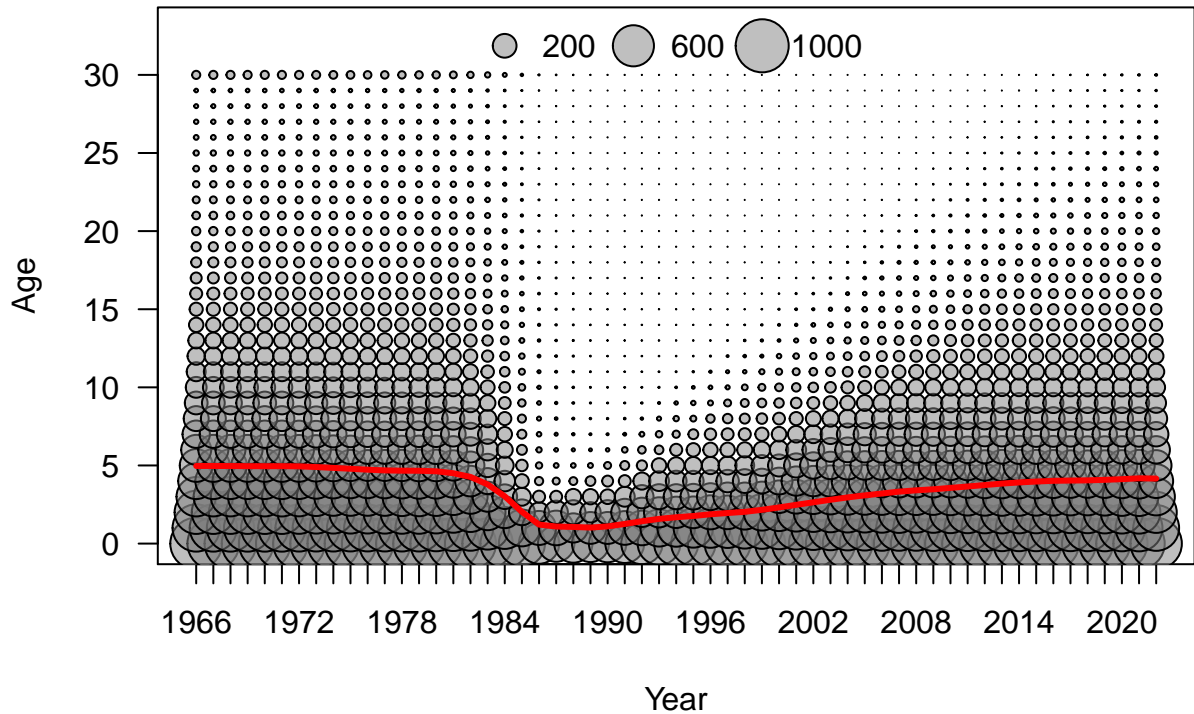


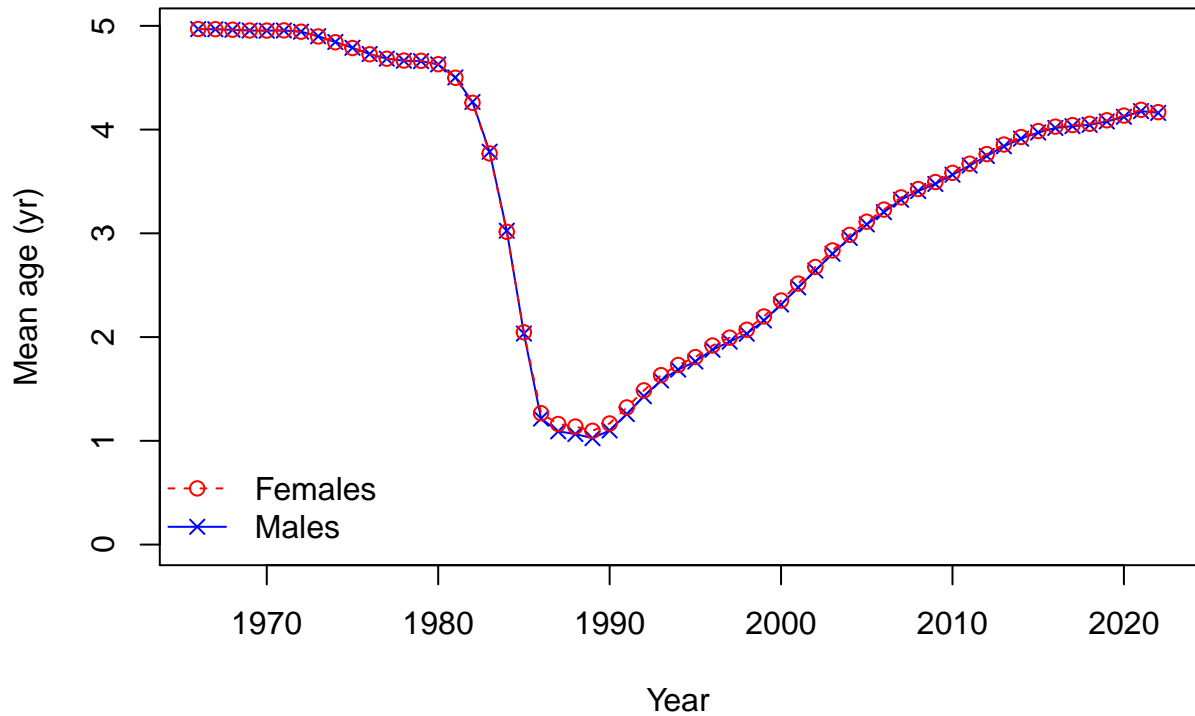


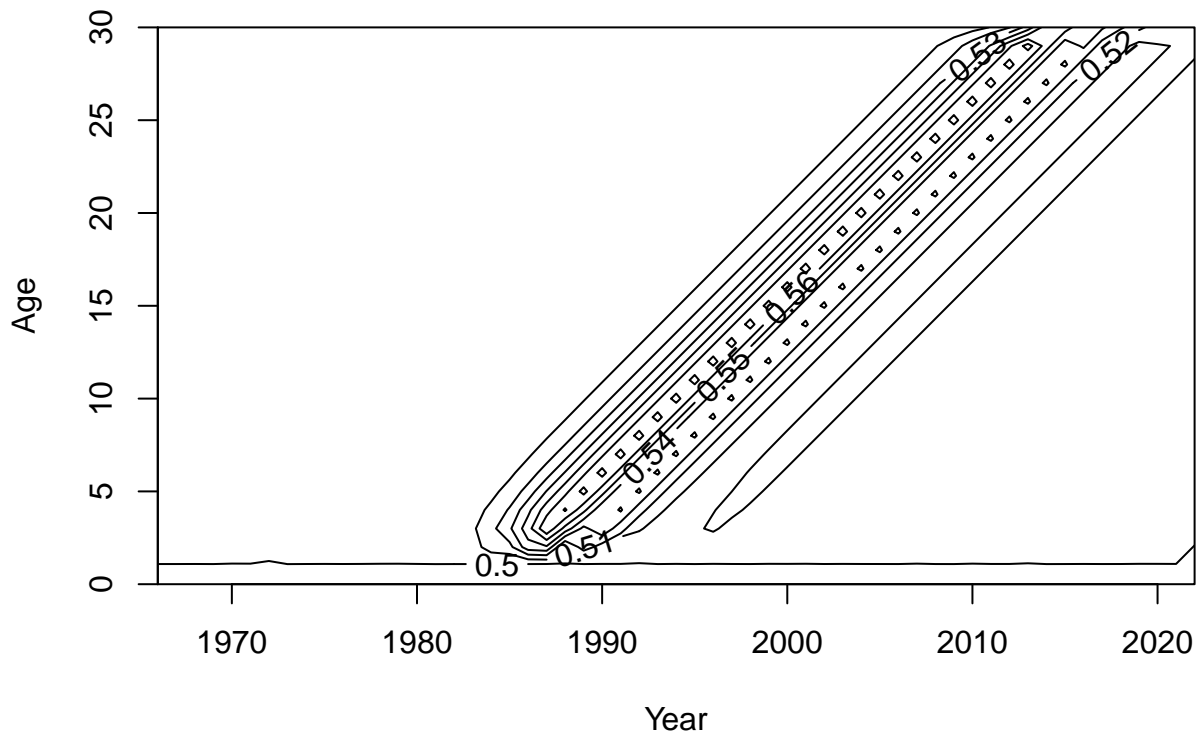


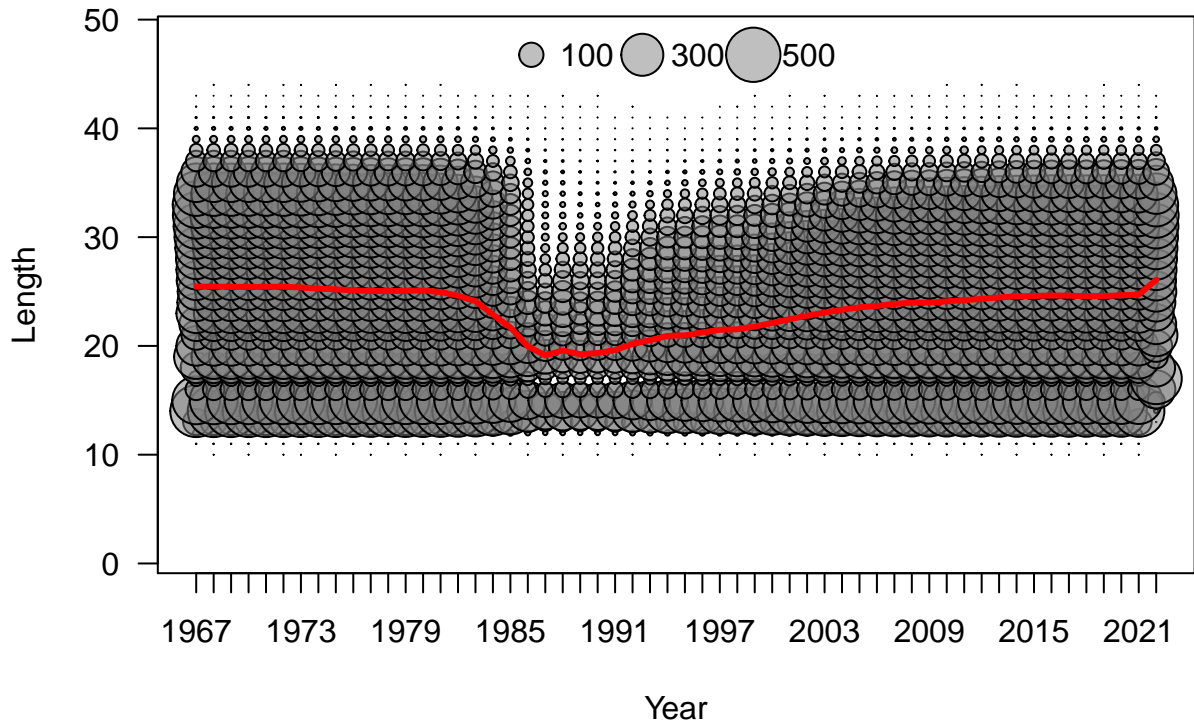


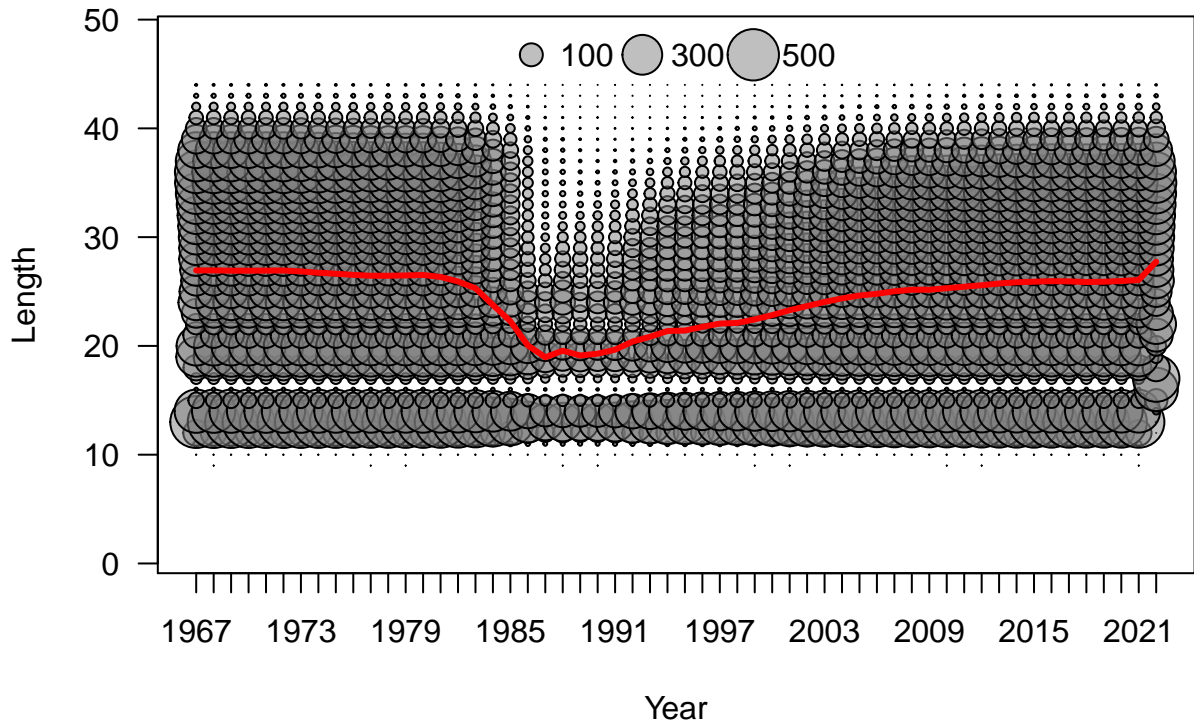


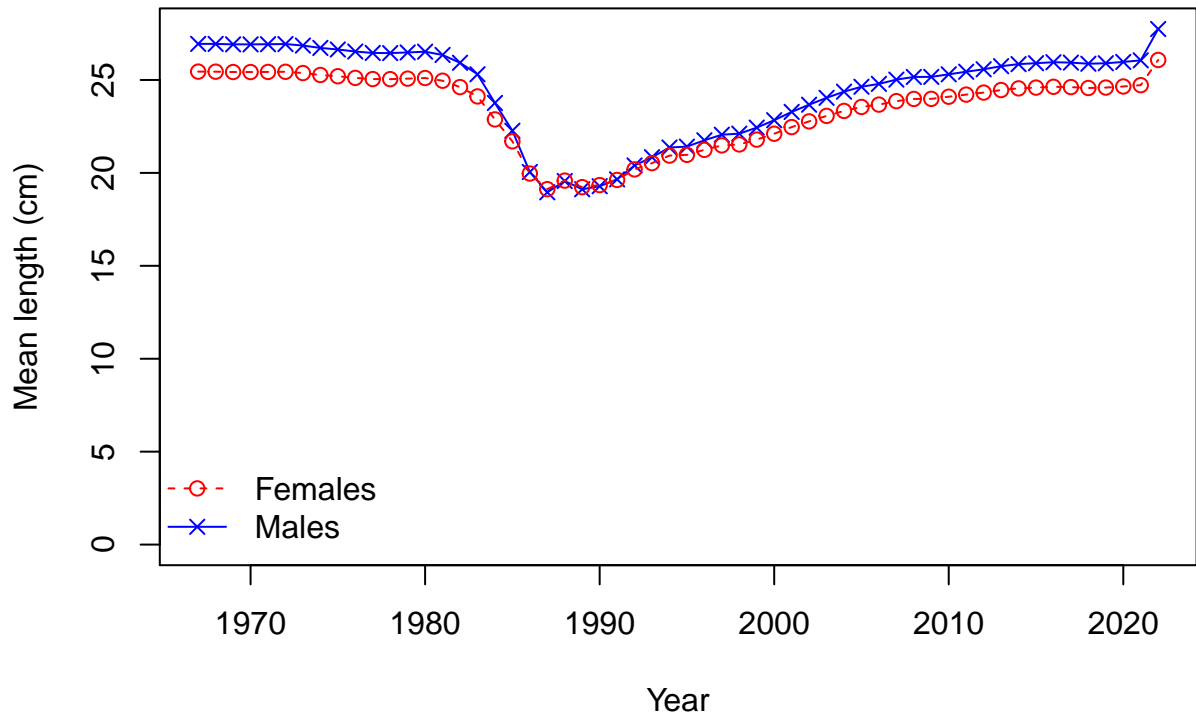


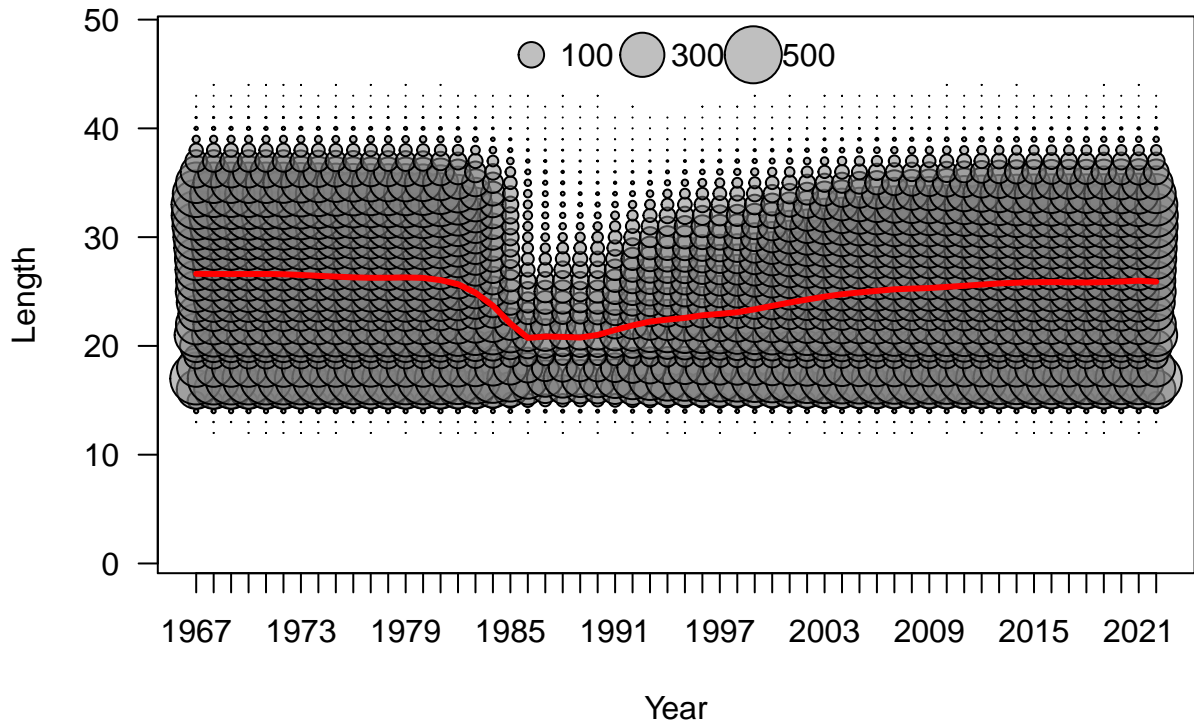


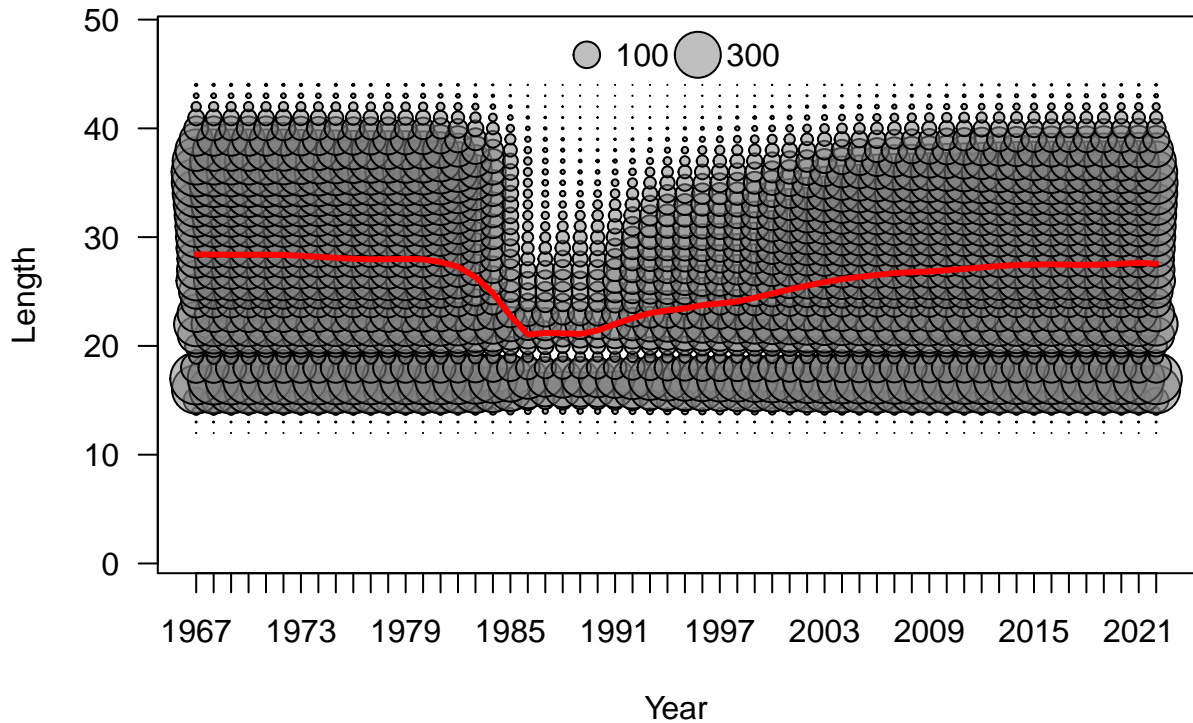


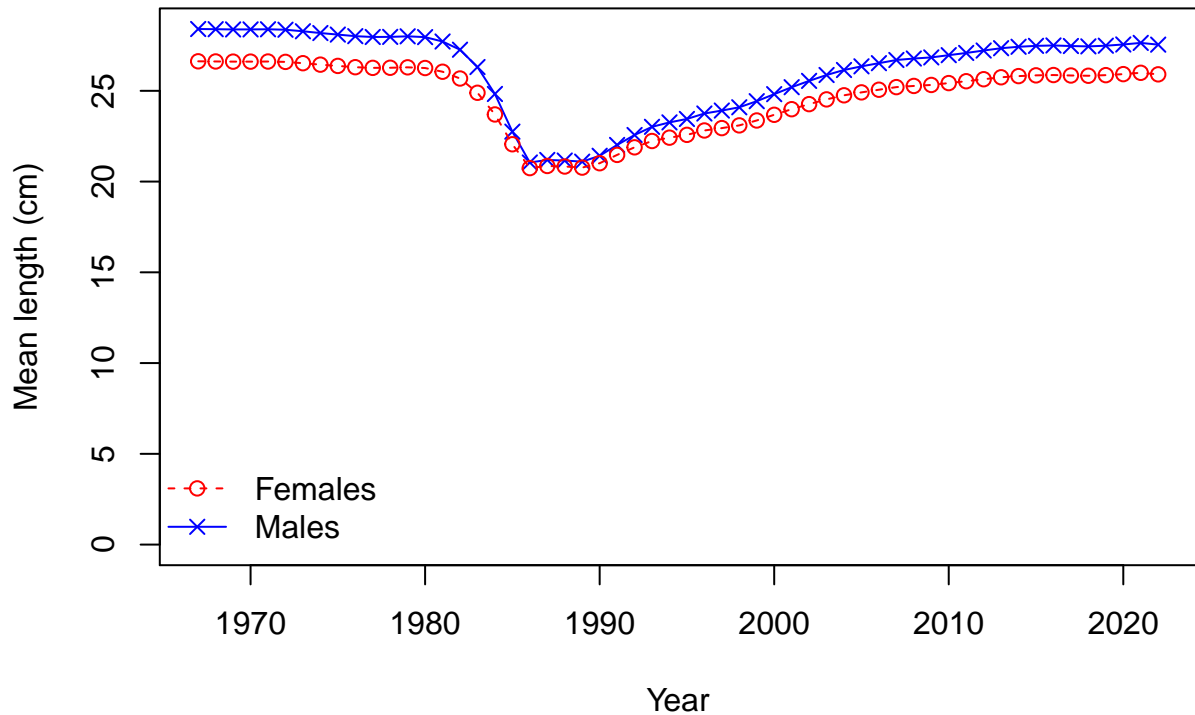




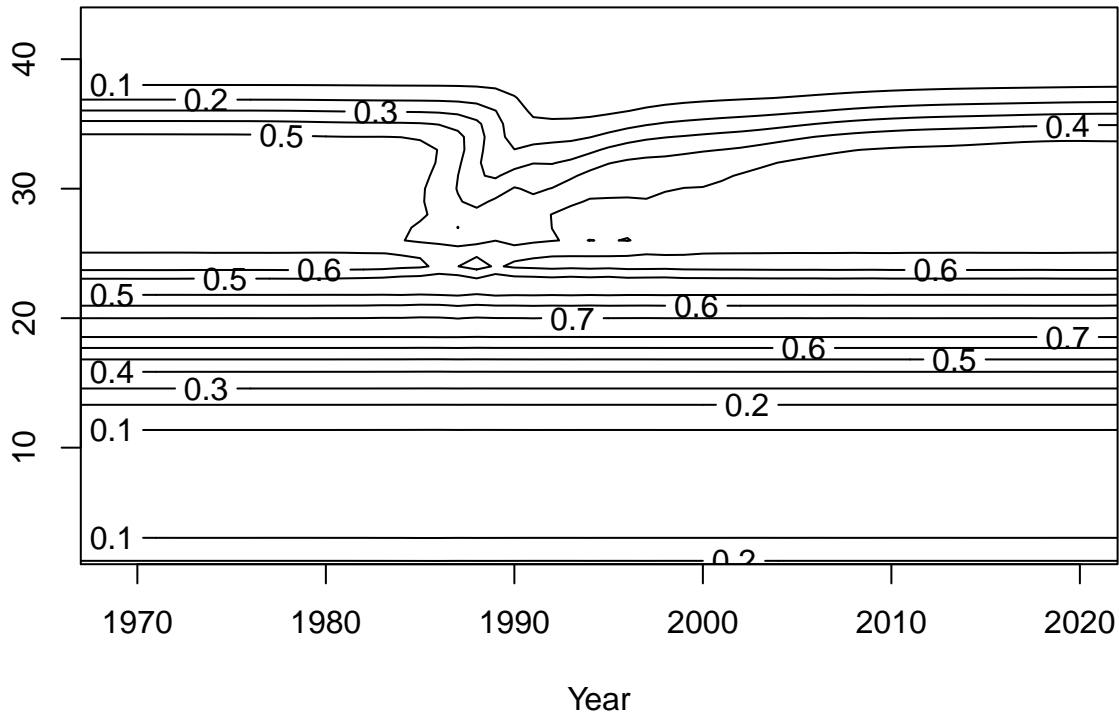


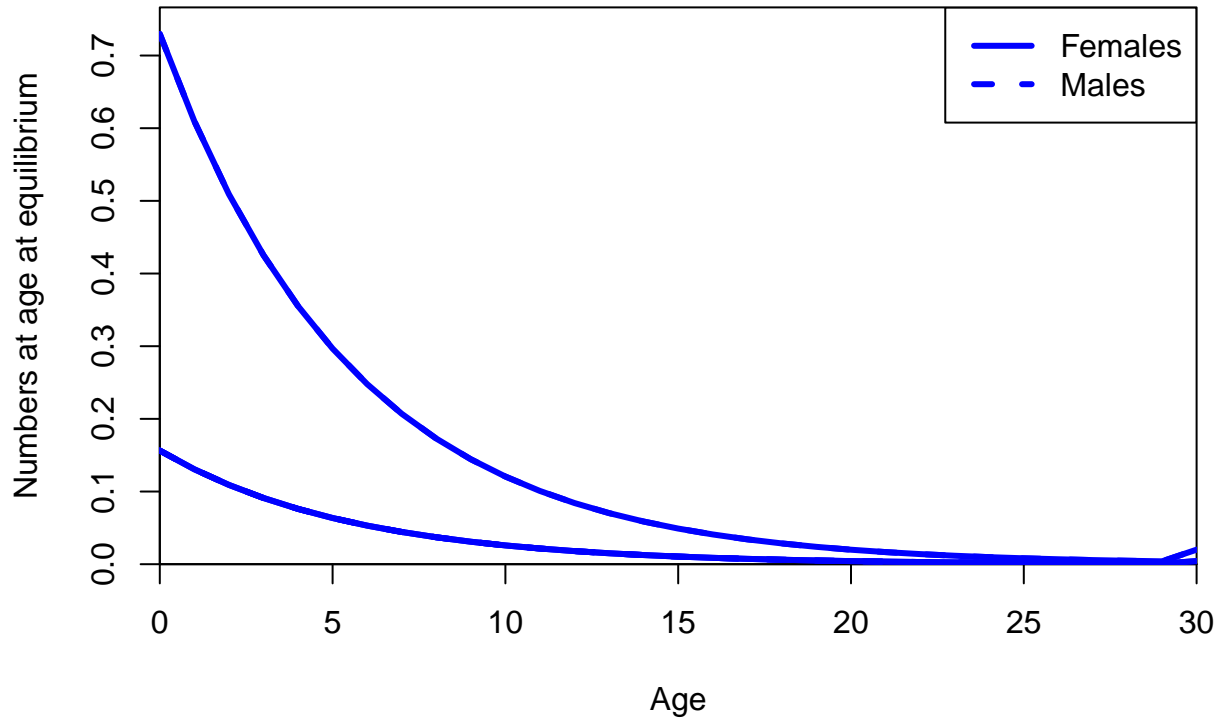






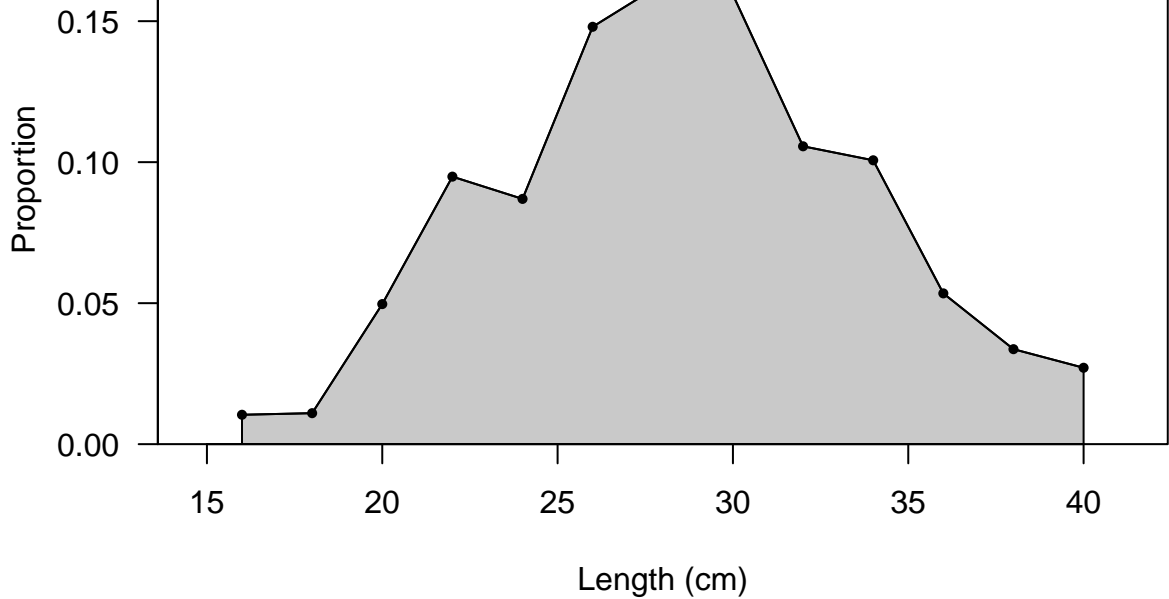
Length





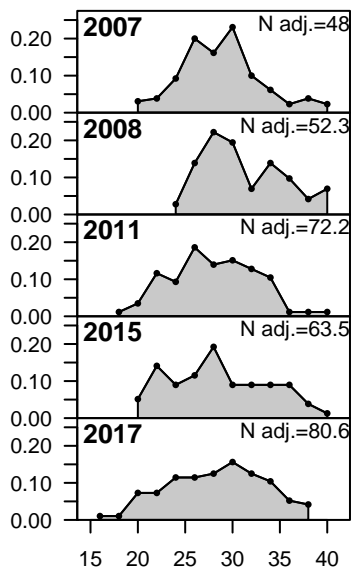
FISHERY

Sum of N adj.=316.7

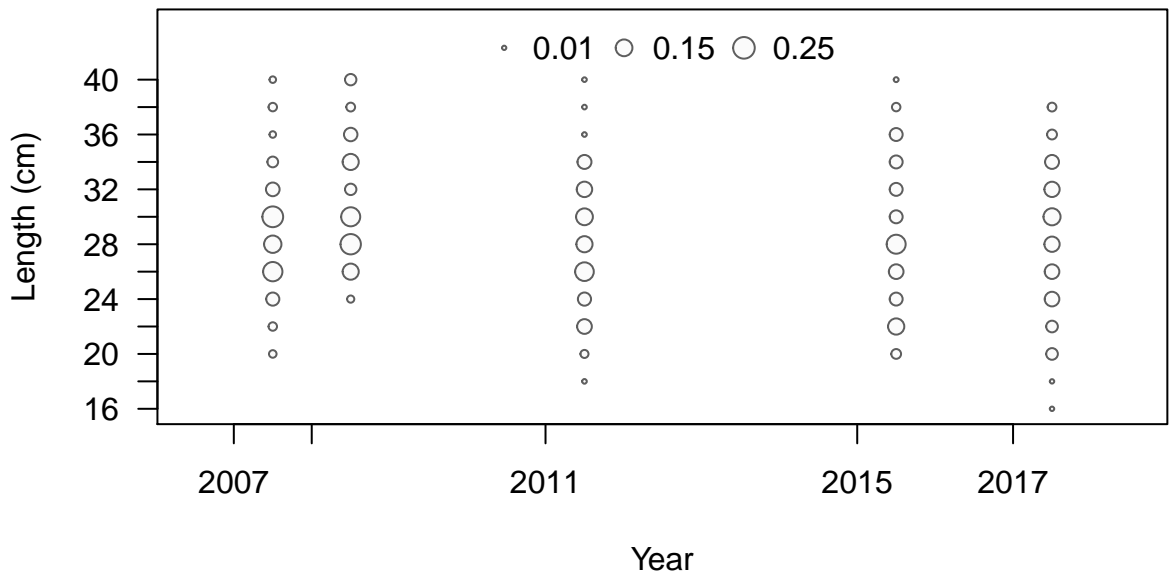




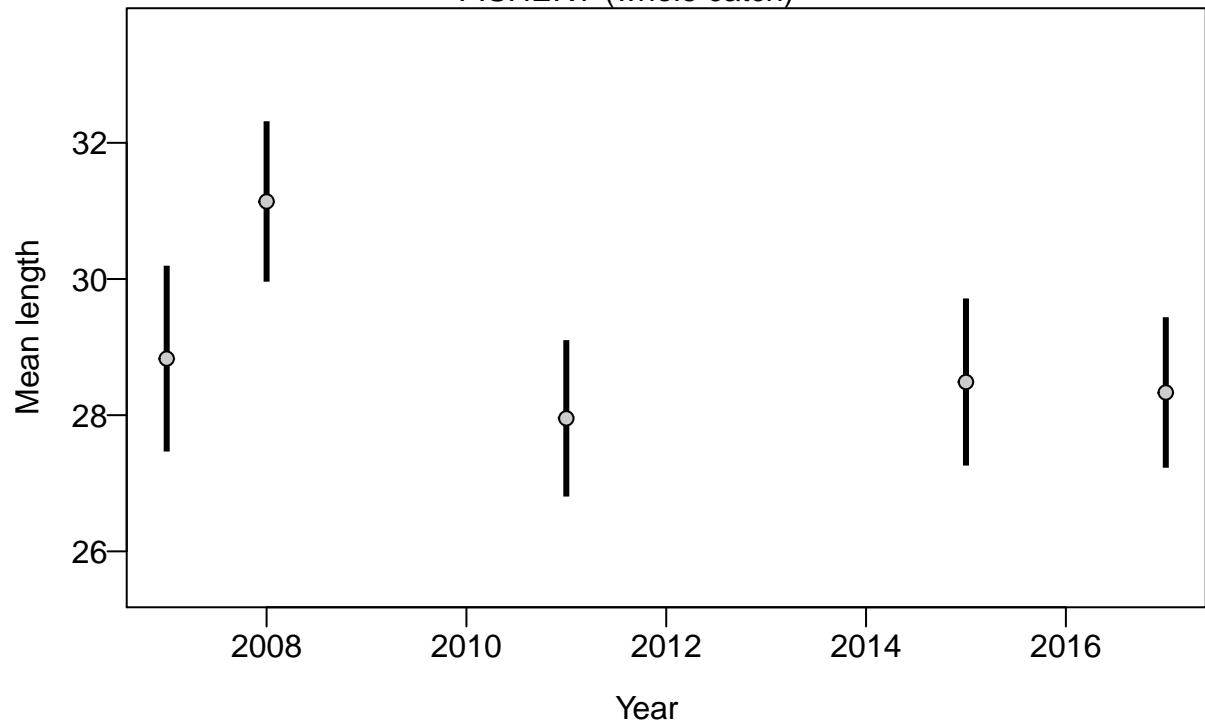
Proportion



Length (cm)



FISHERY (whole catch)



FISHERY

Sum of N adj.=316.7
Sum of N eff.=399.8

Proportion

0.15

0.10

0.05

0.00

15

20

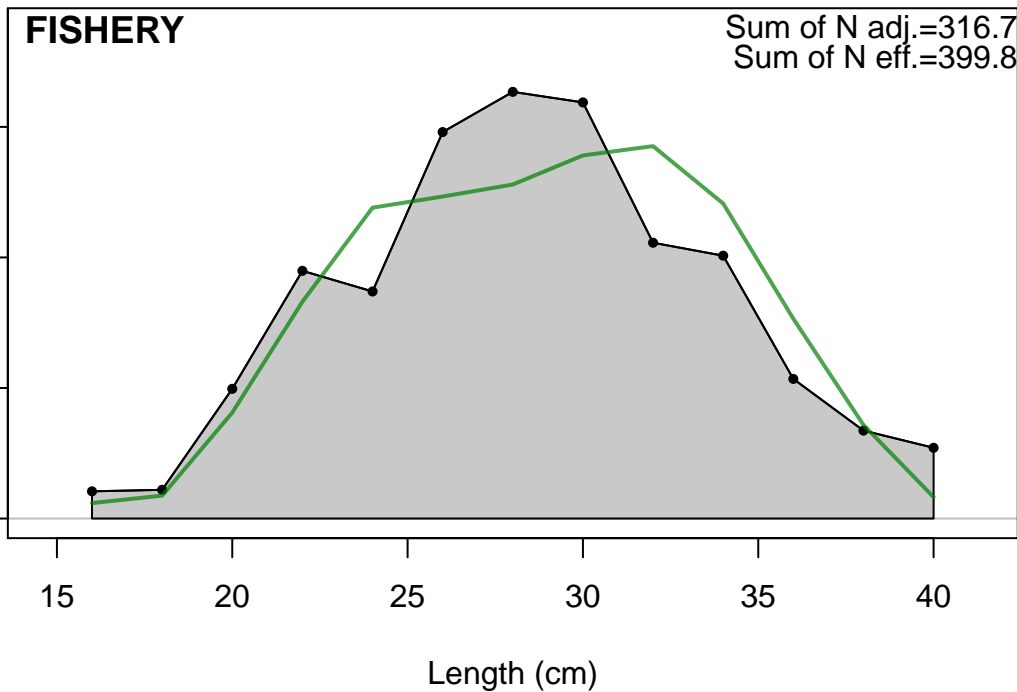
25

30

35

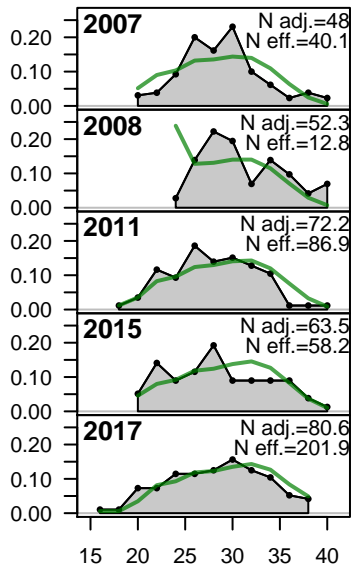
40

Length (cm)

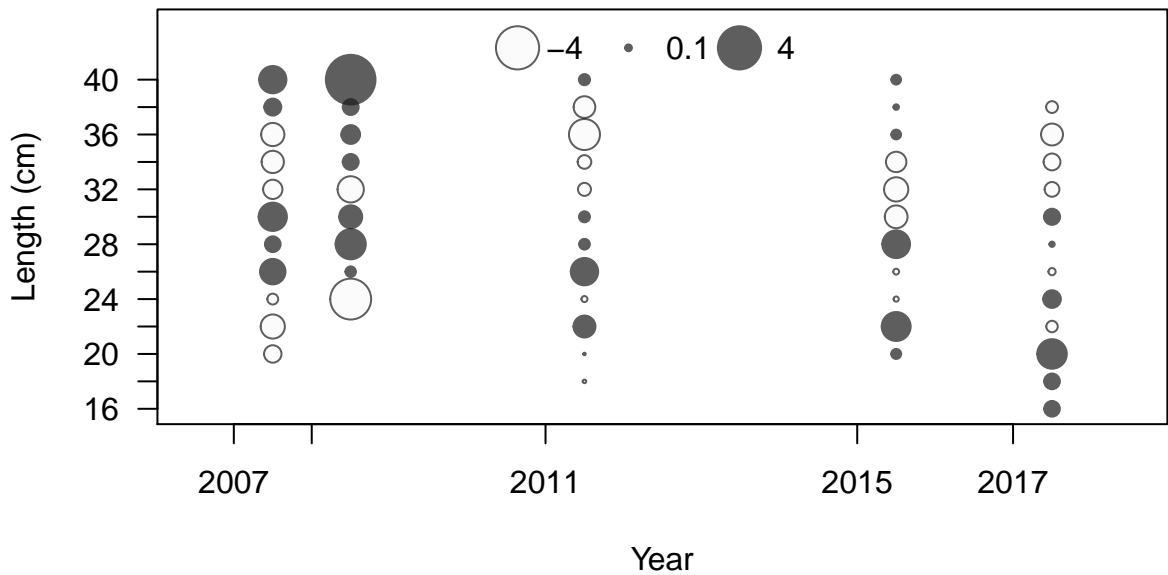


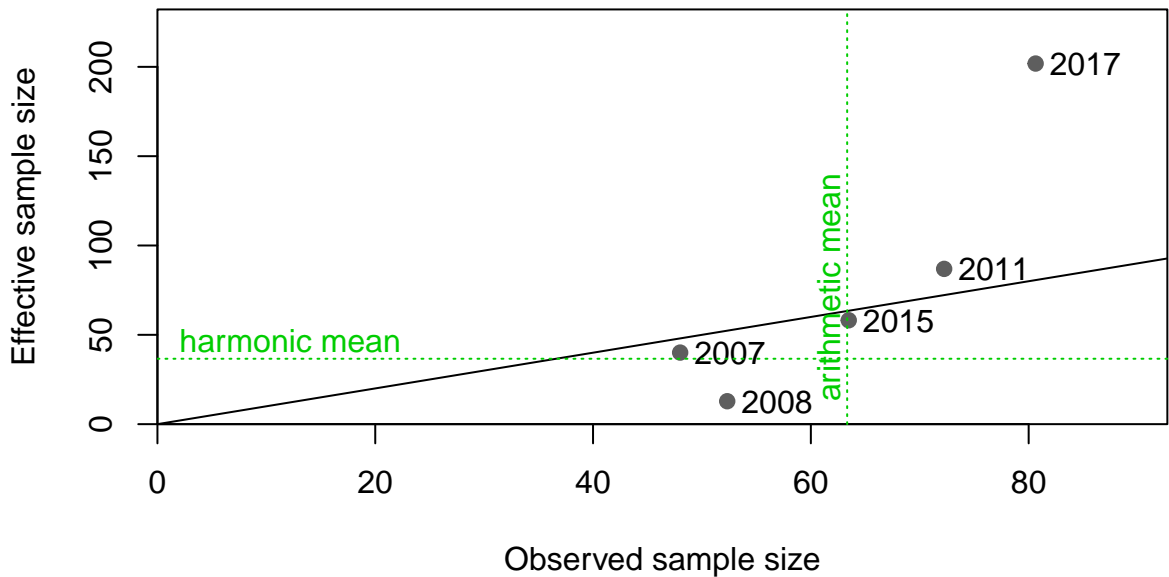


Proportion

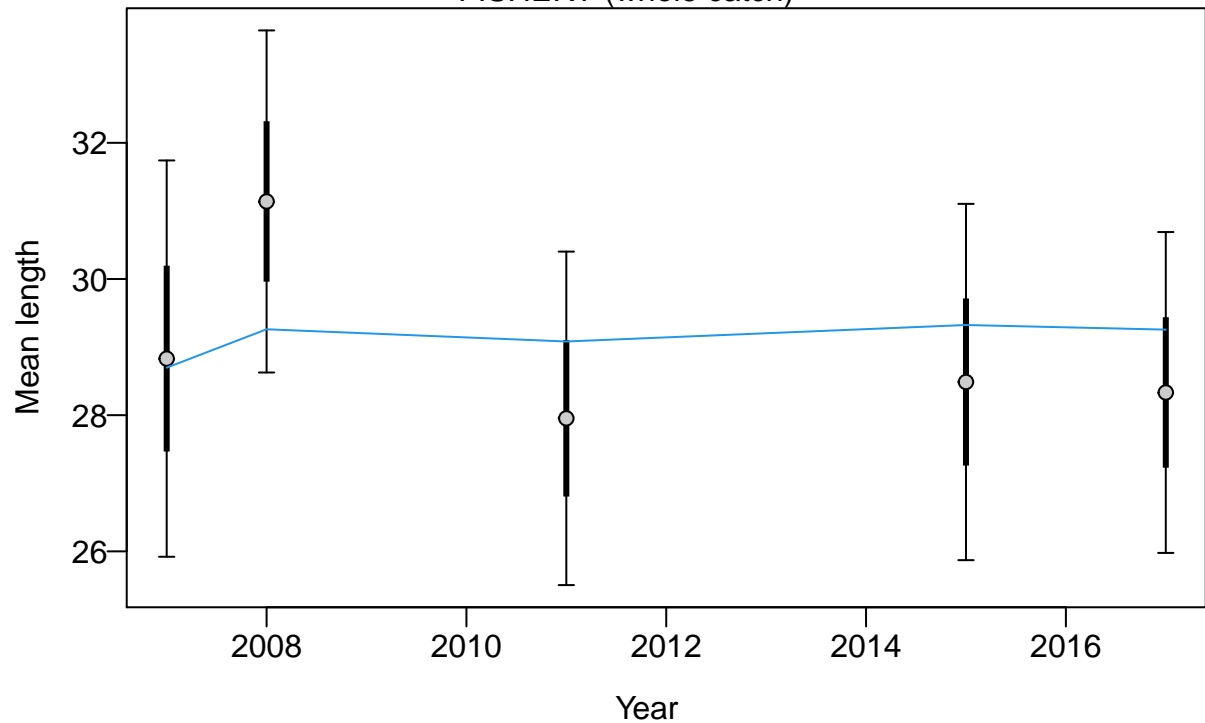


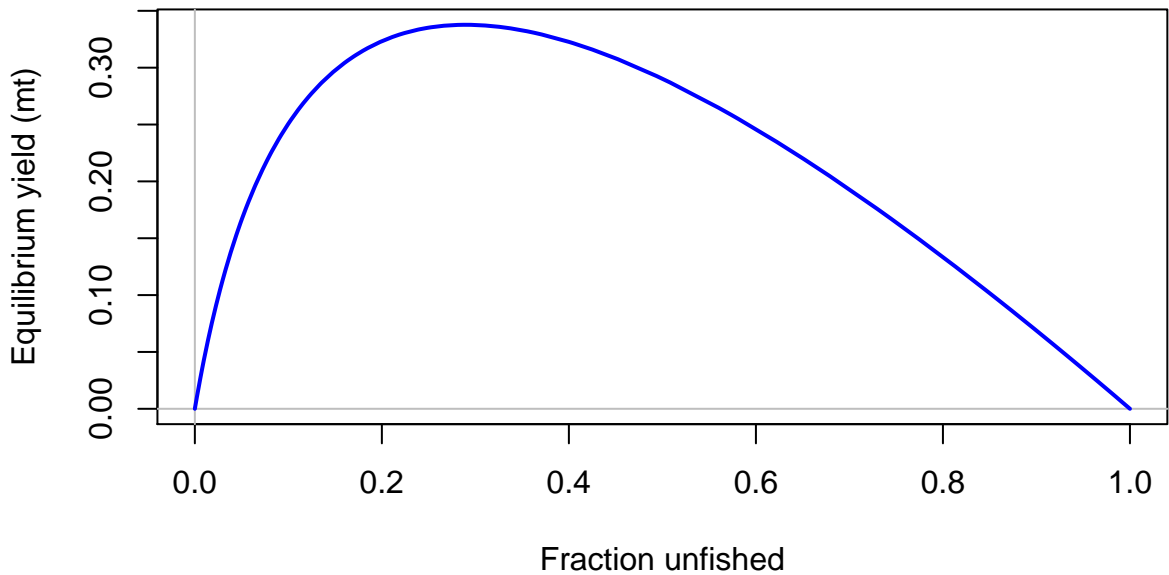
Length (cm)

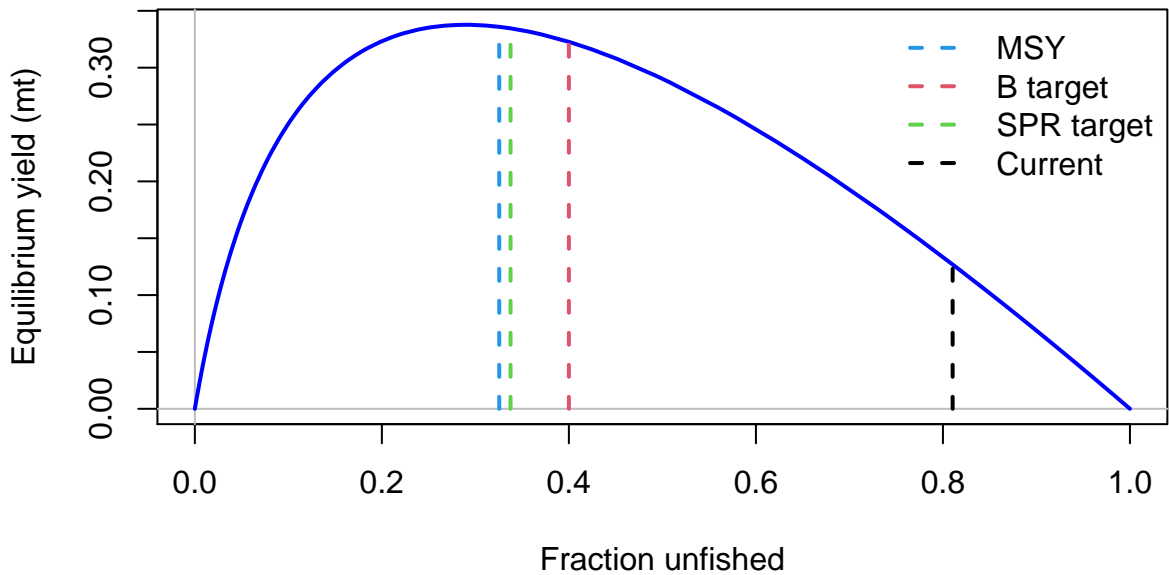


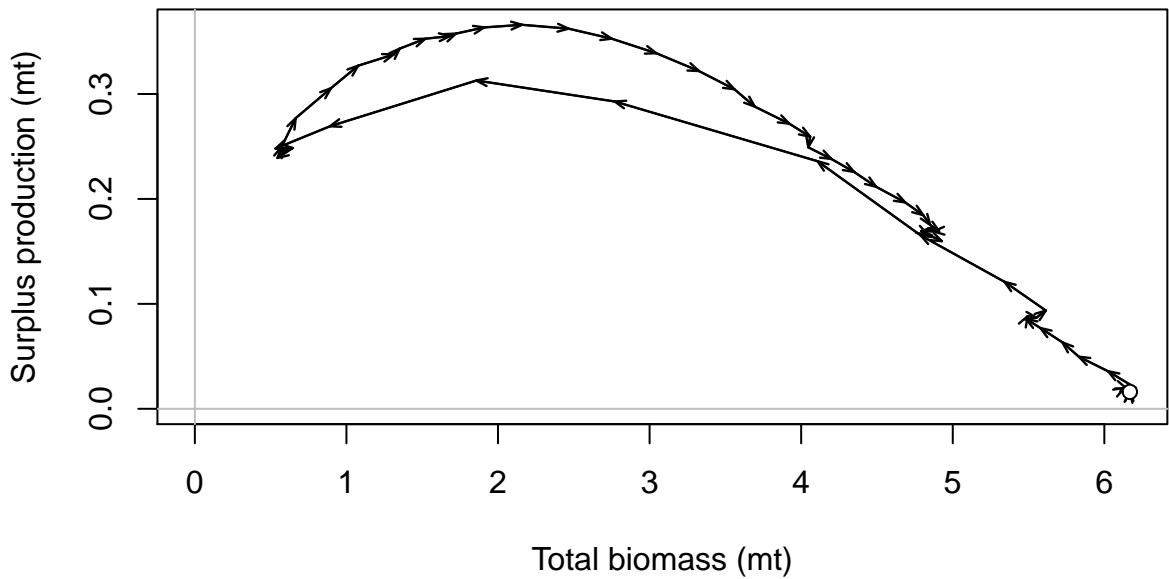


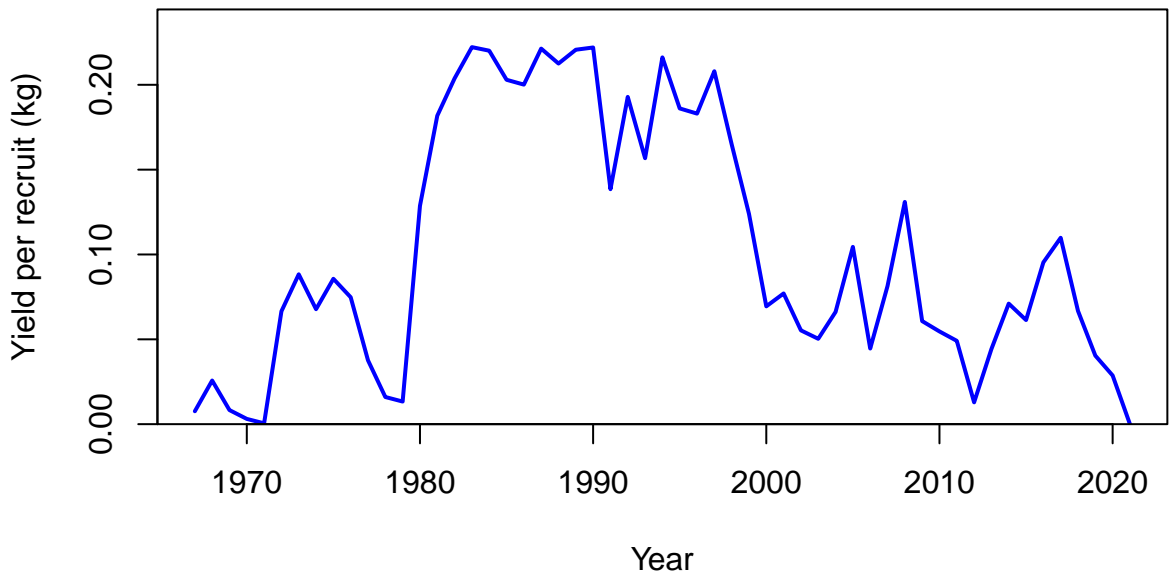
FISHERY (whole catch)

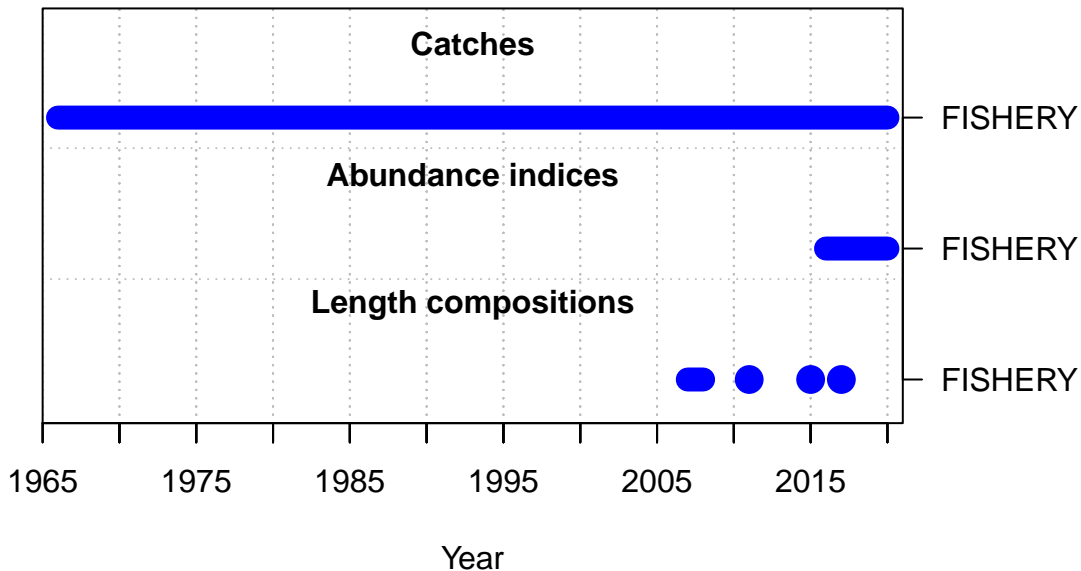


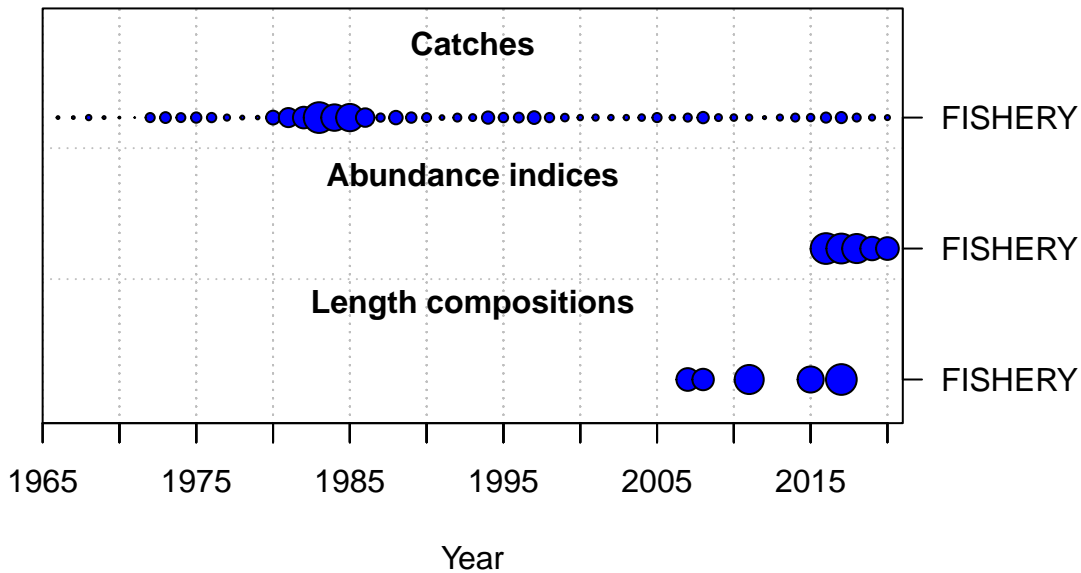




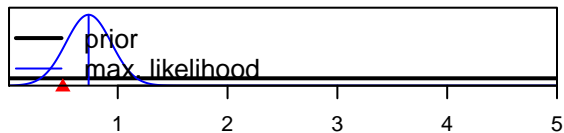




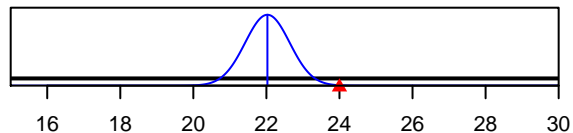




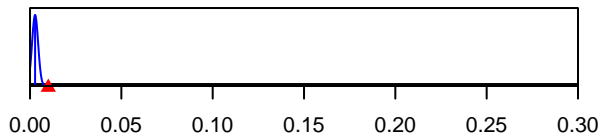
SR_LN(R0)



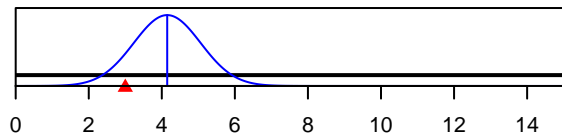
Size_inflection_FISHERY(1)



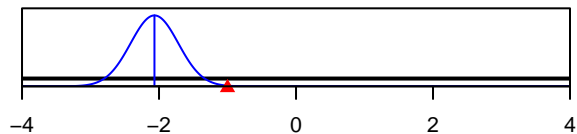
InitF_seas_1_flt_1FISHERY



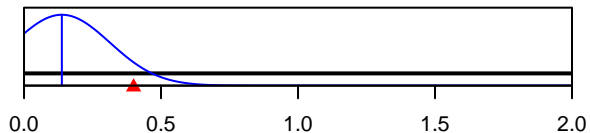
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value