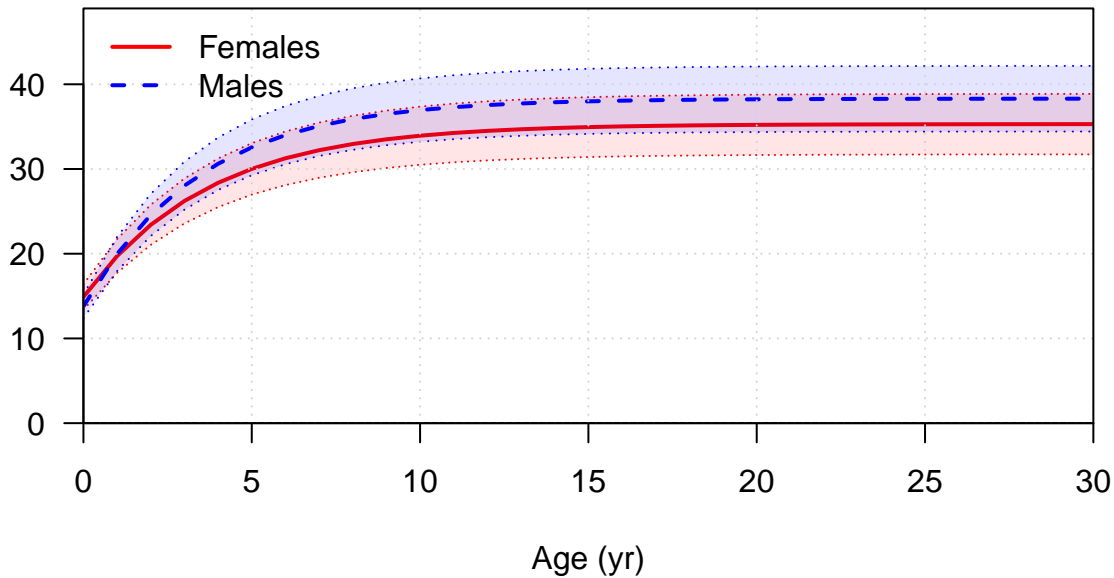
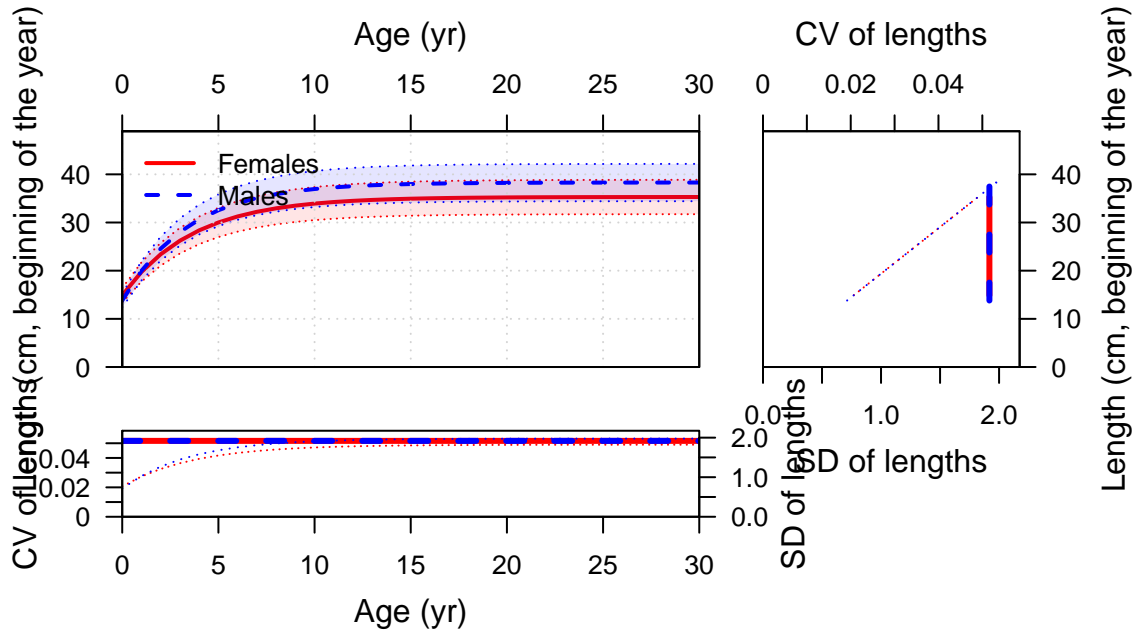
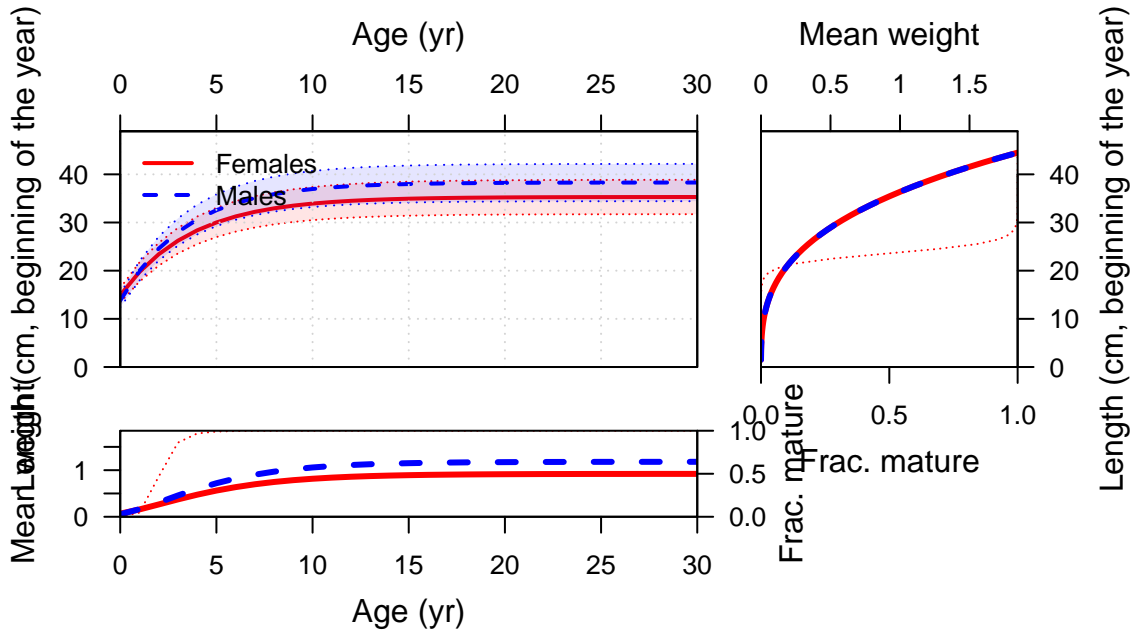


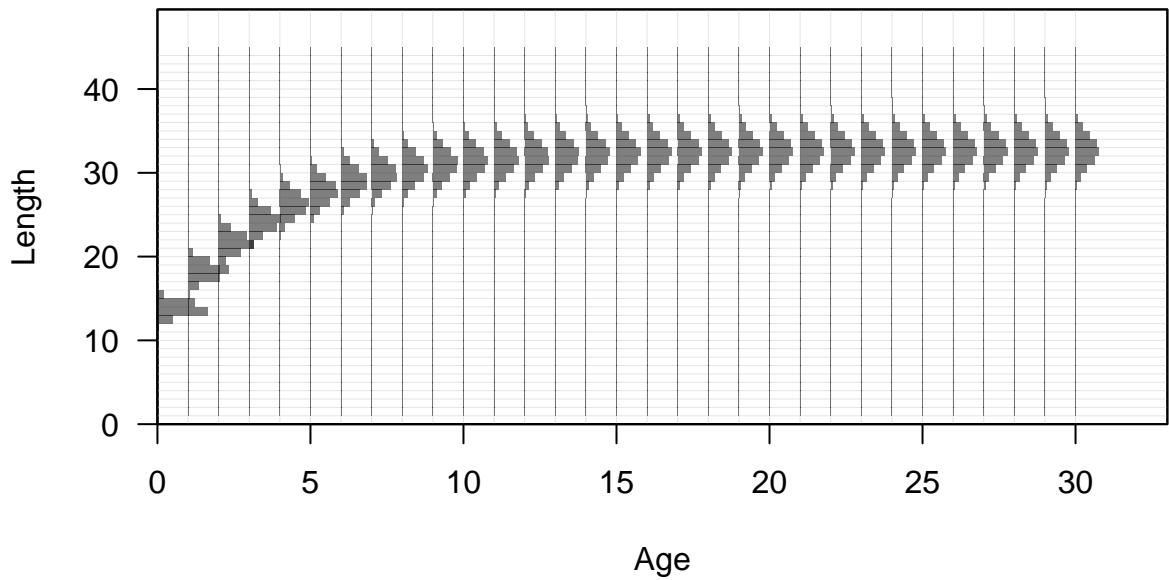
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Fri Aug 12 15:14:52 2022
Data_File: data.ss
Control_File: control.ss

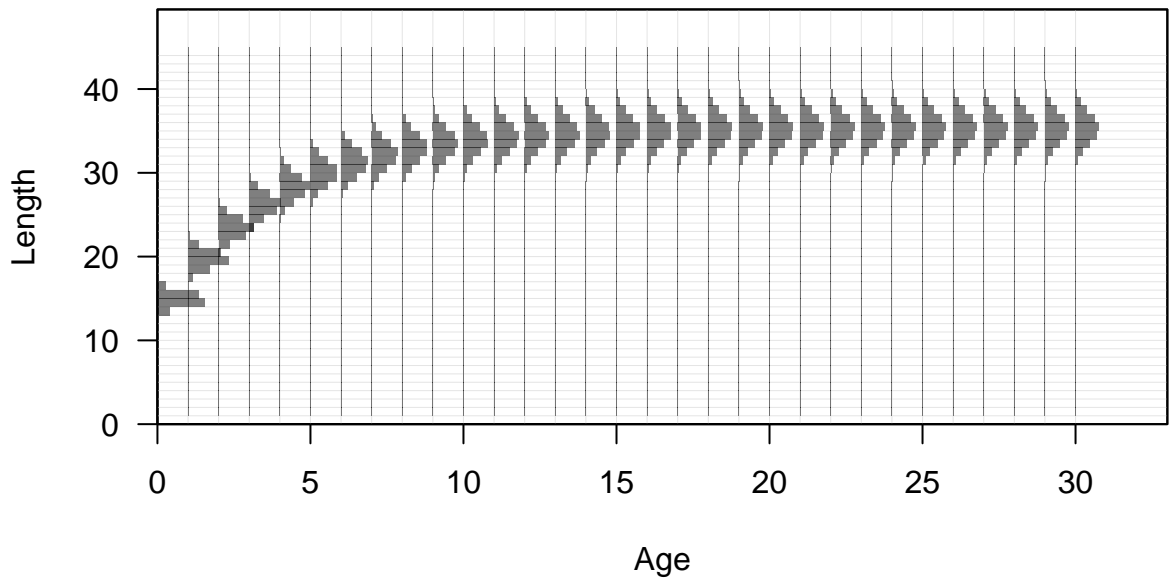
Length (cm, beginning of the year)

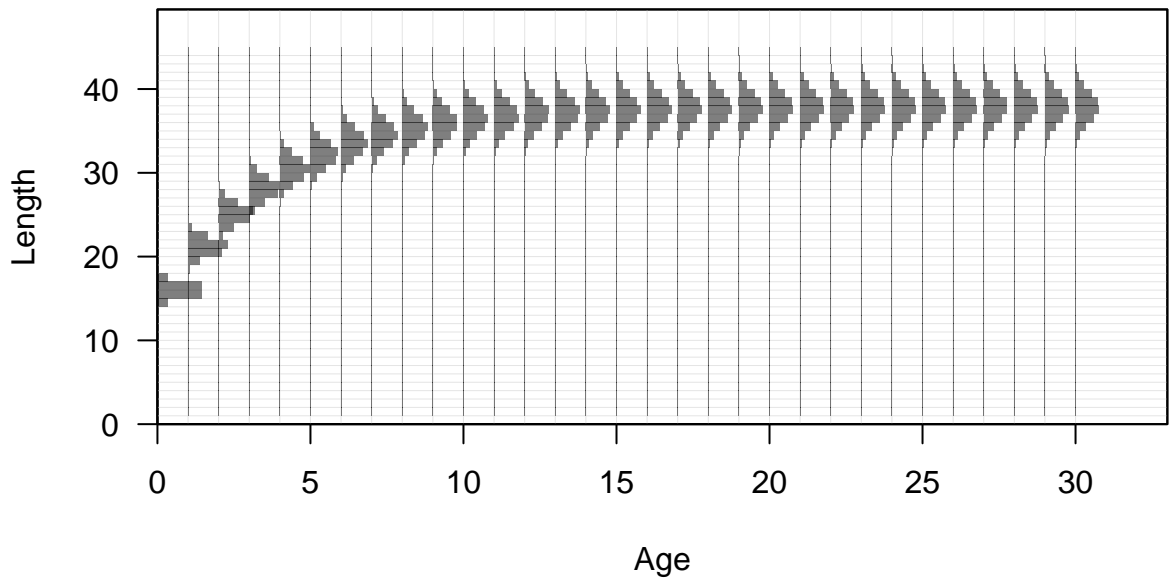


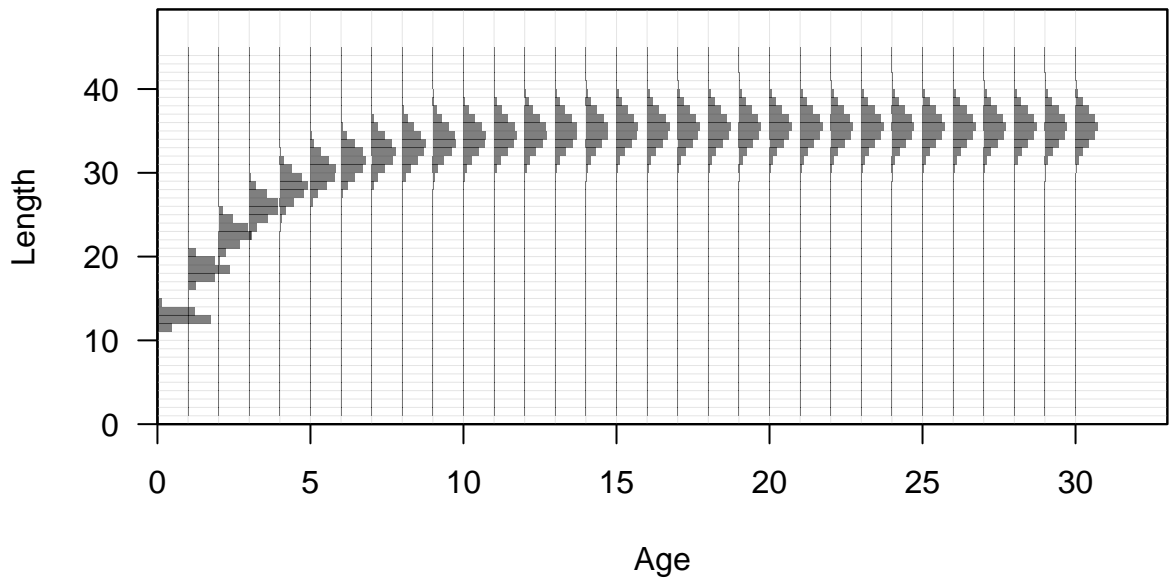


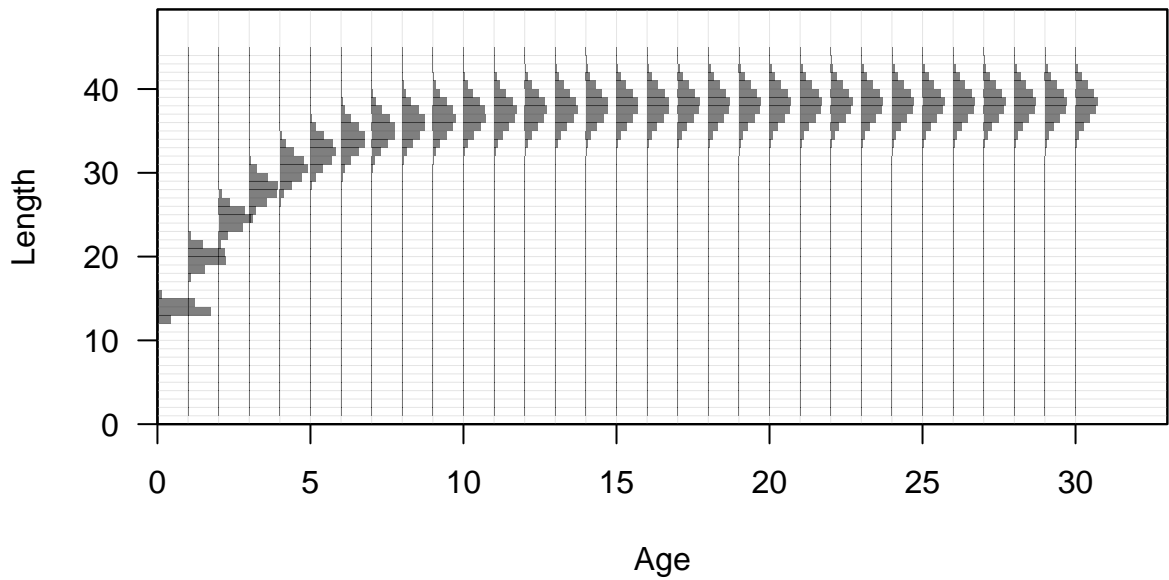


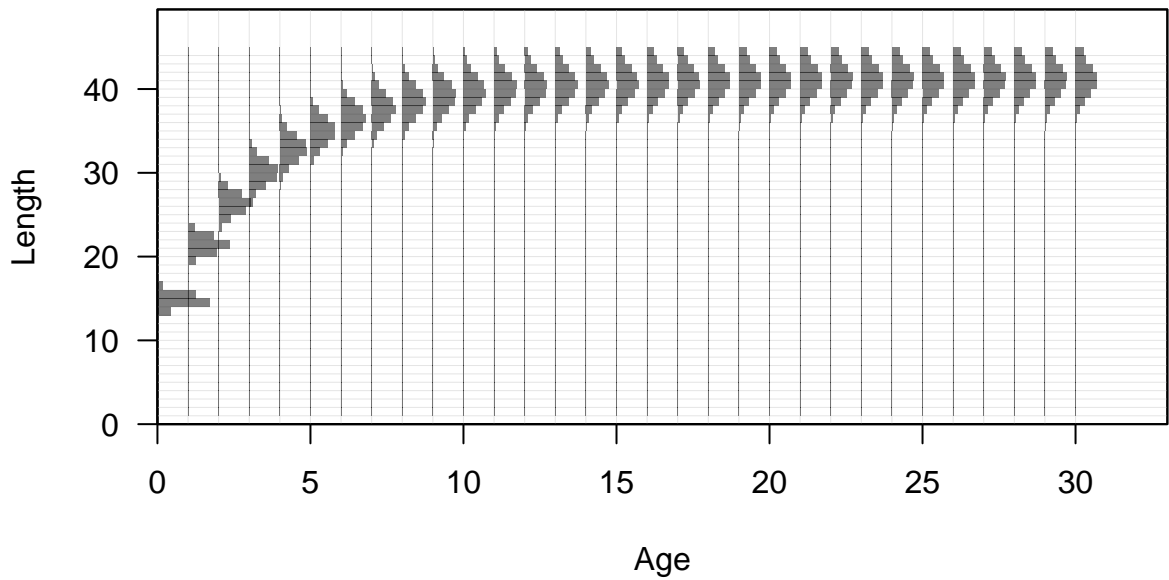


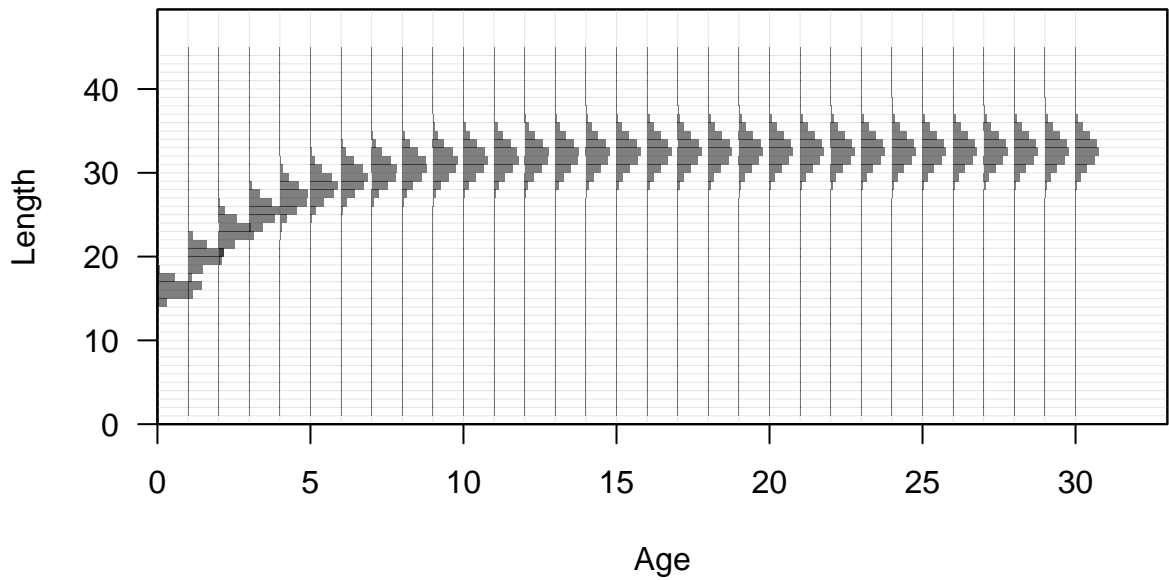


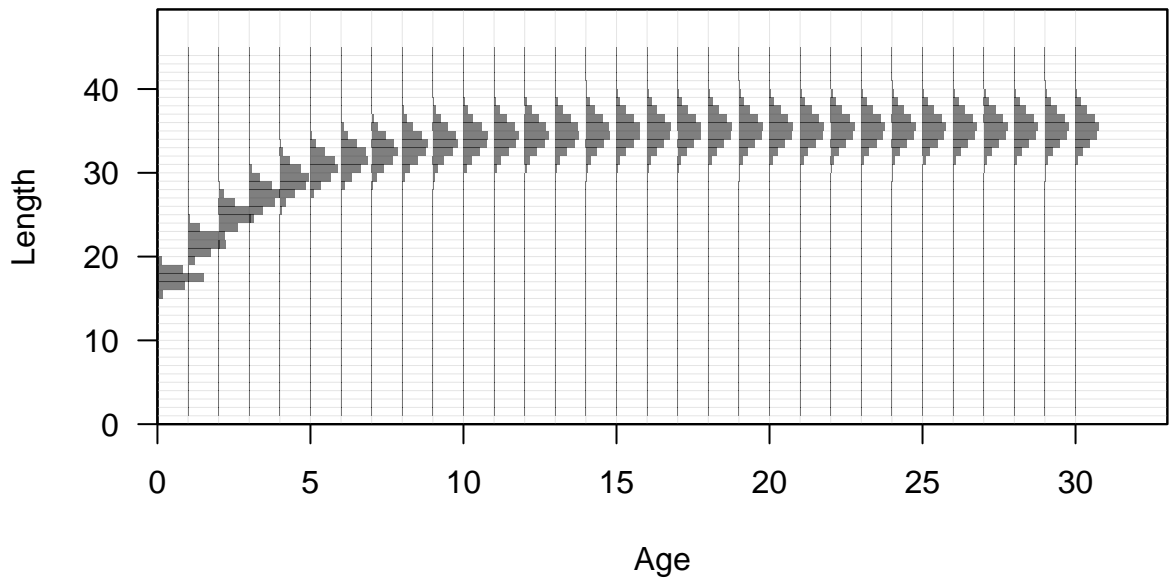


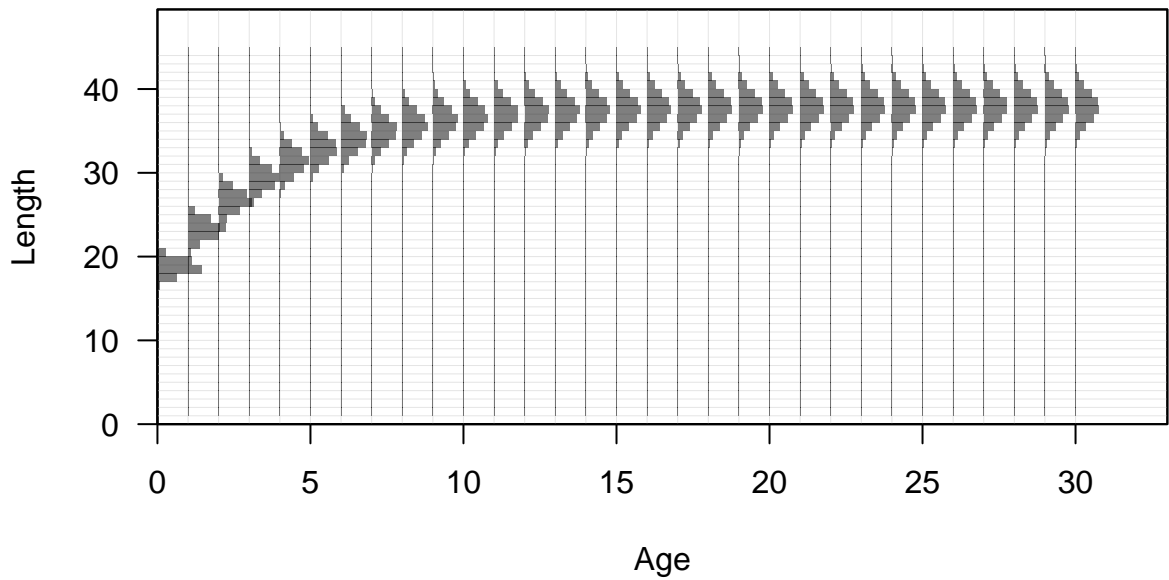


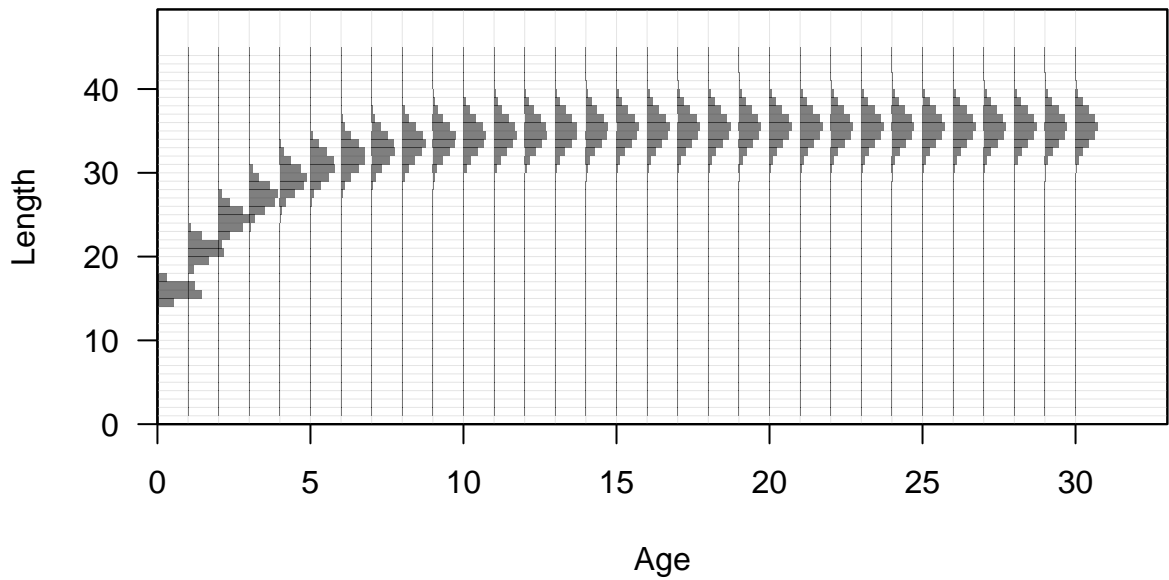


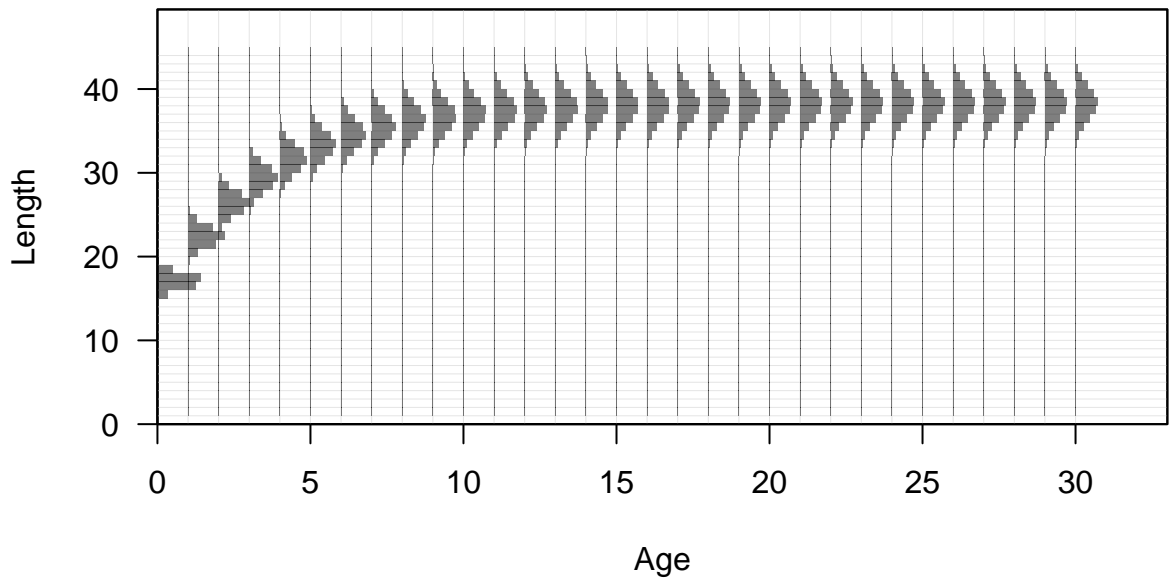


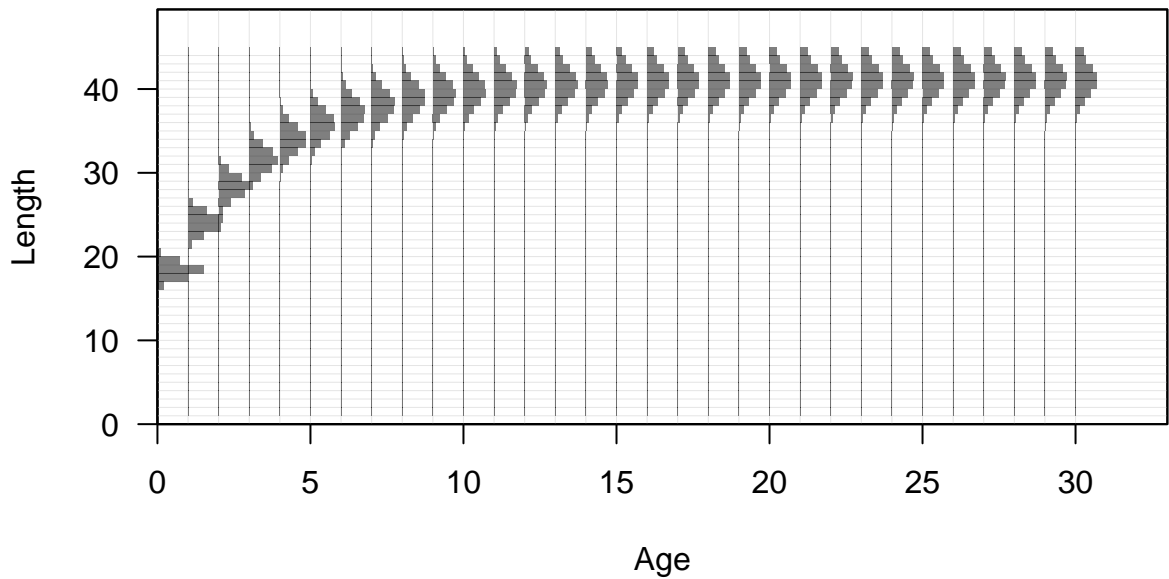










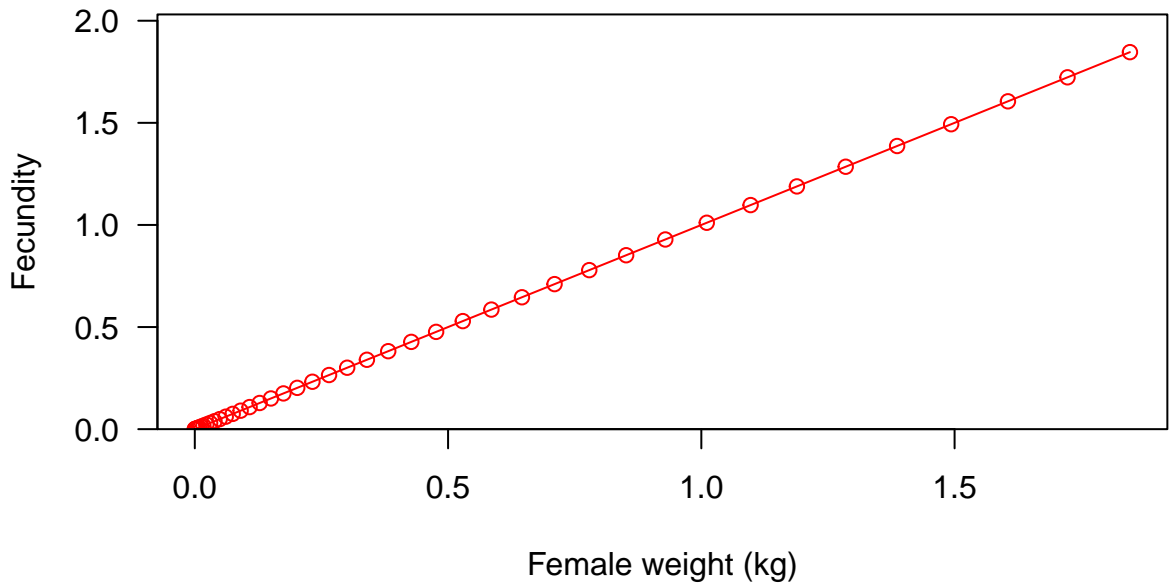






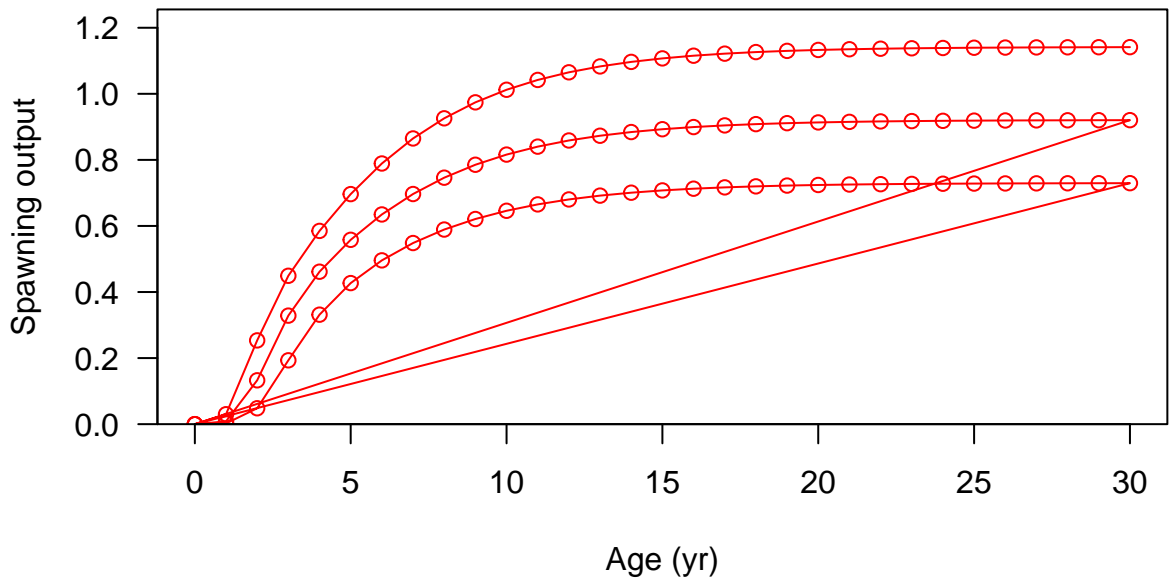




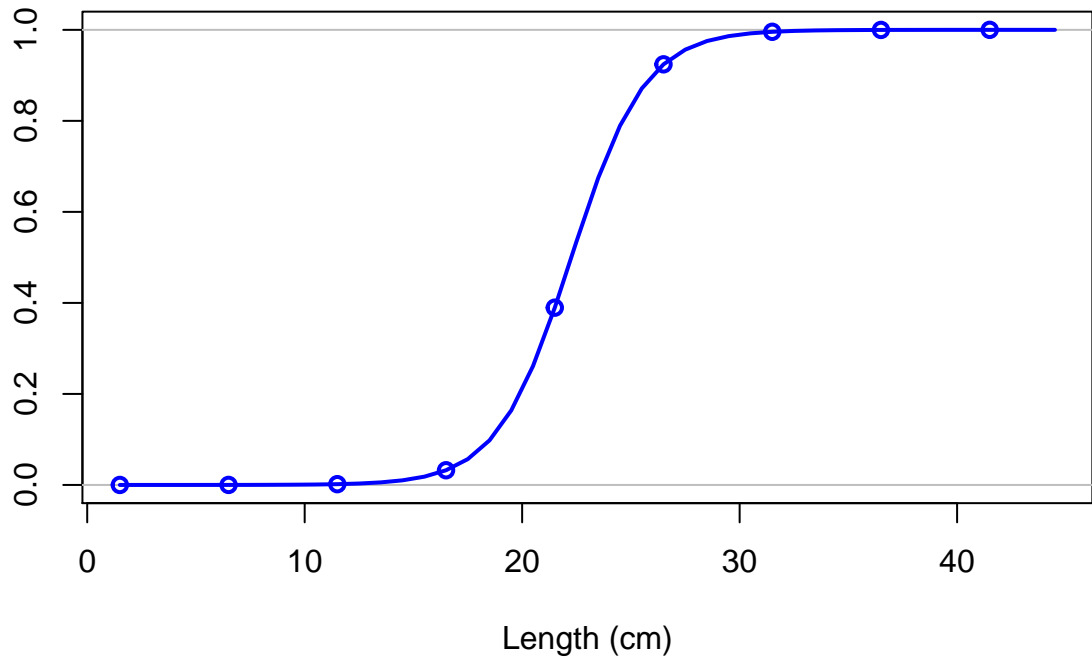




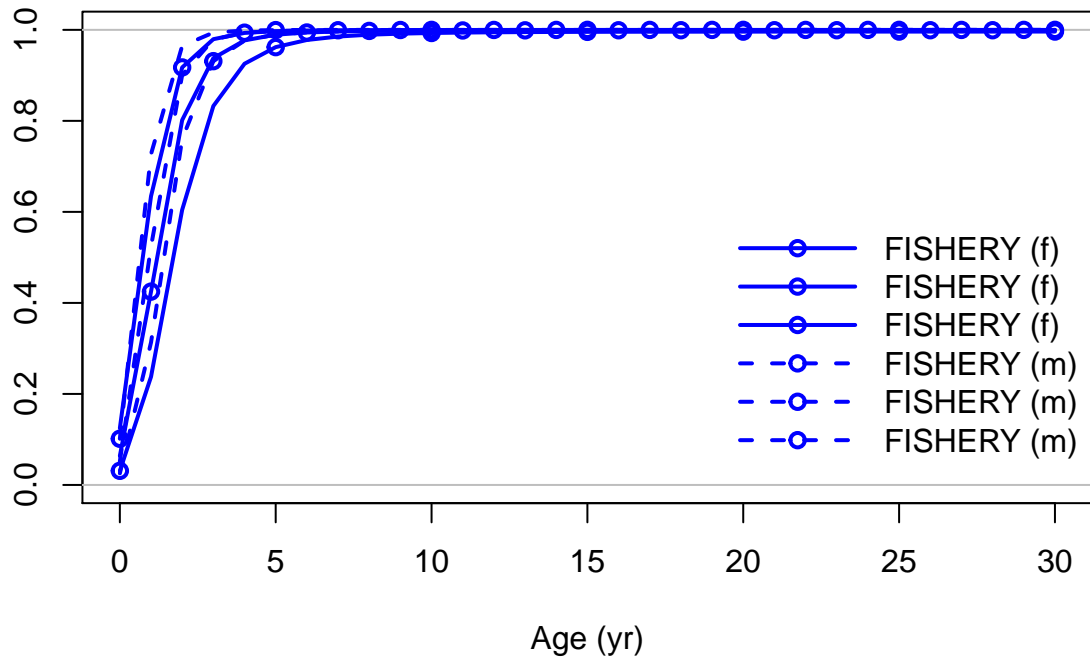




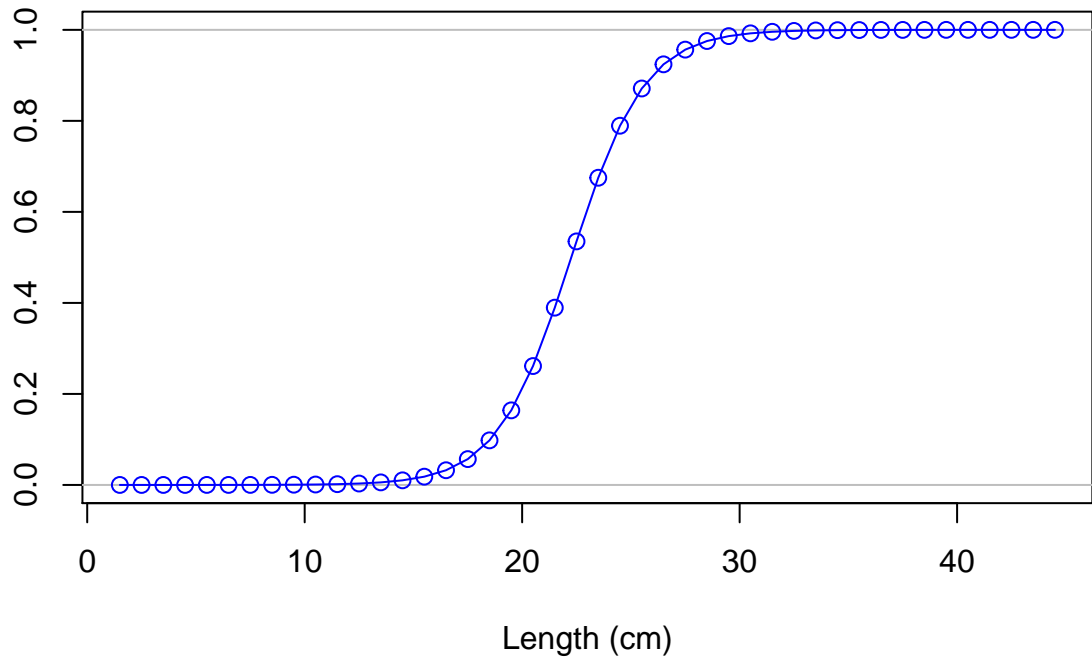
Selectivity



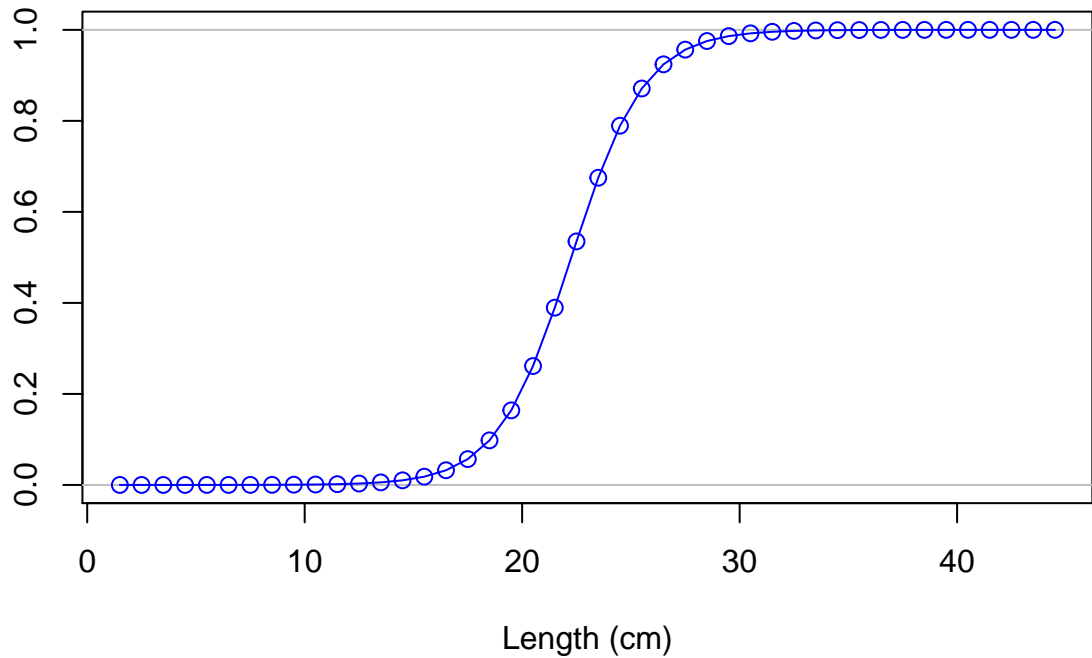
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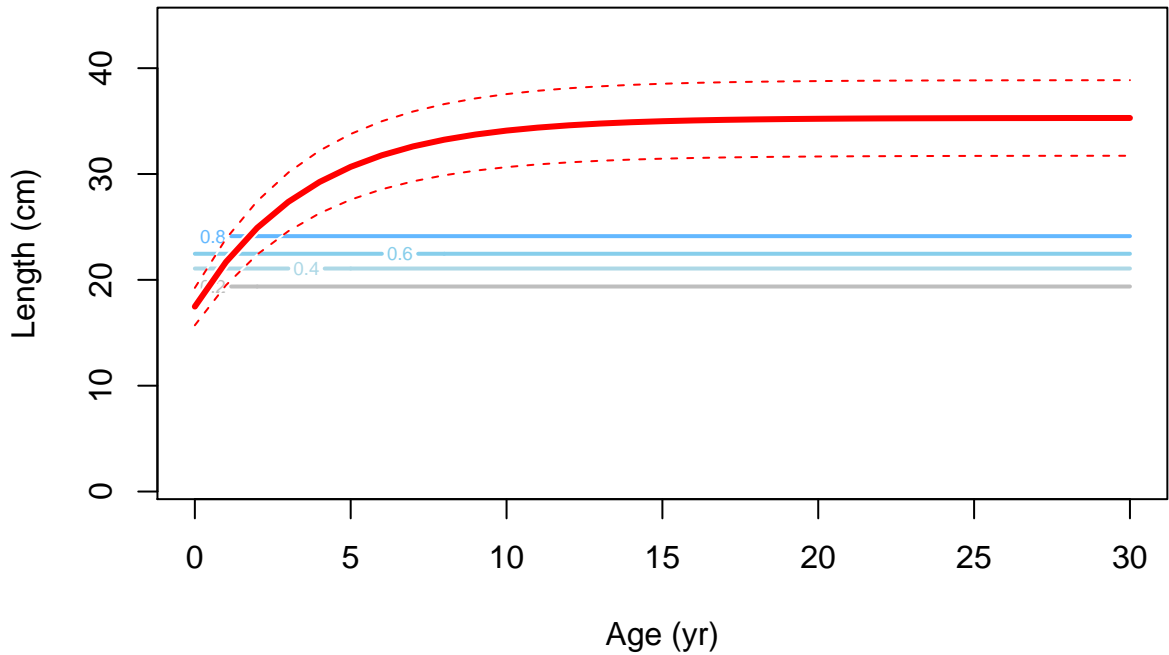


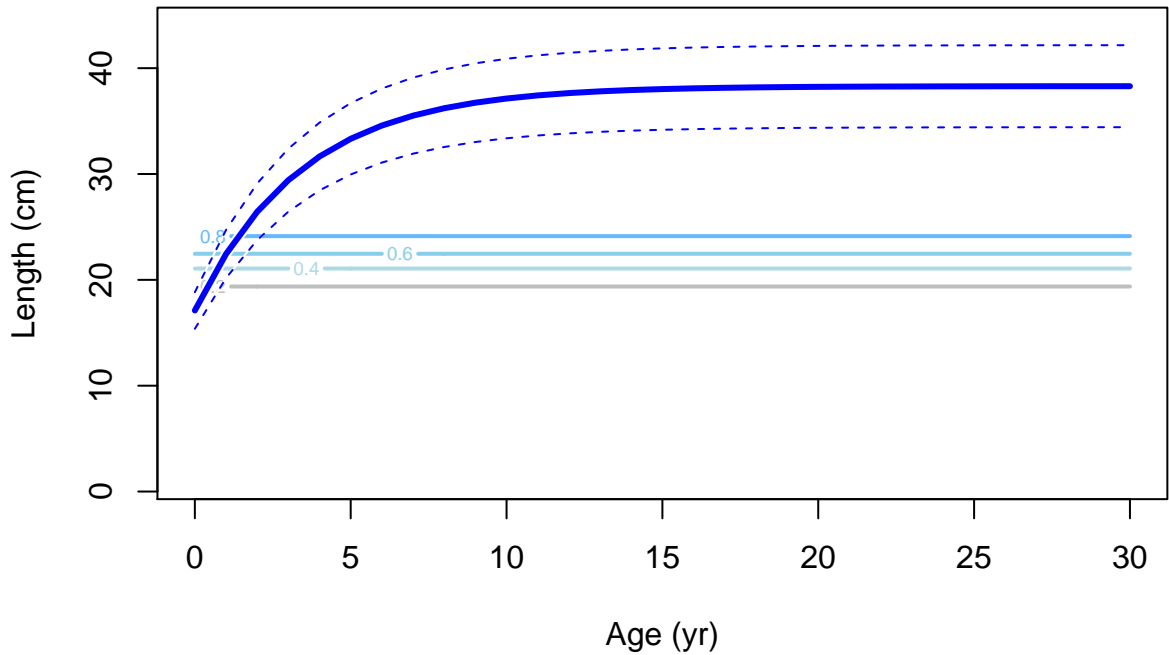
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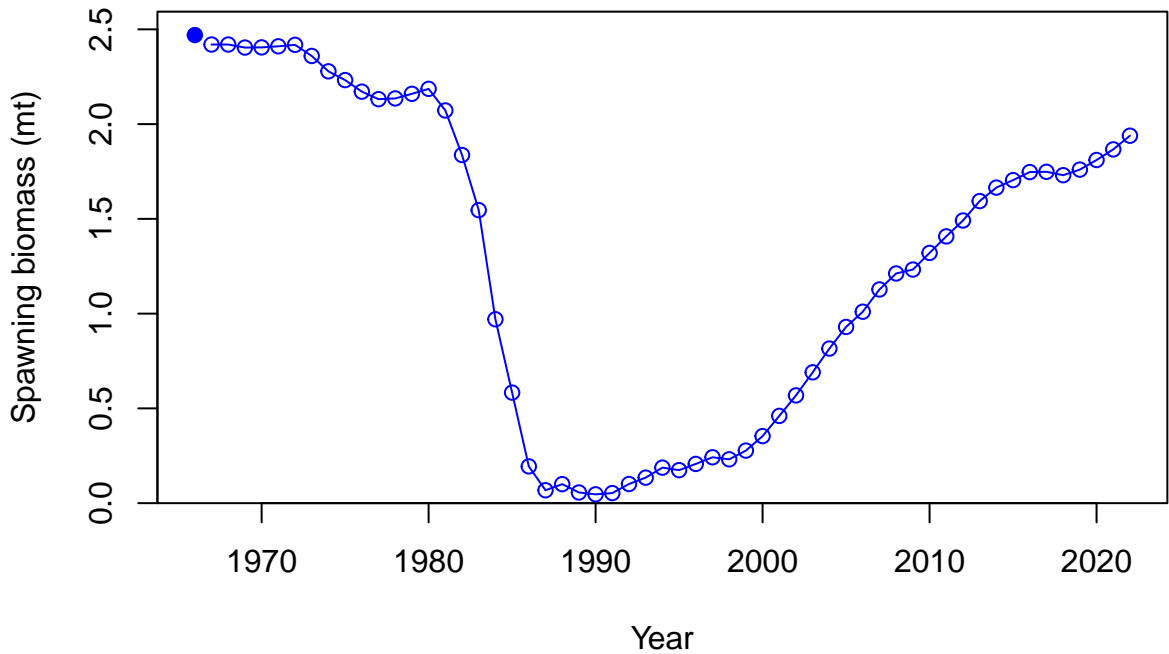


Selectivity

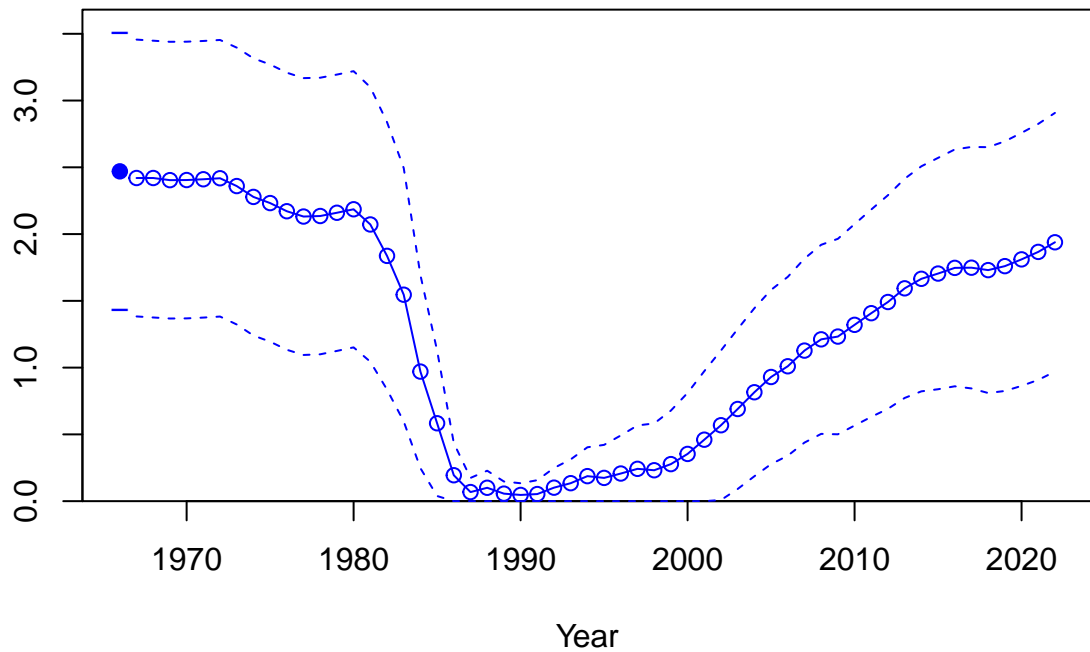




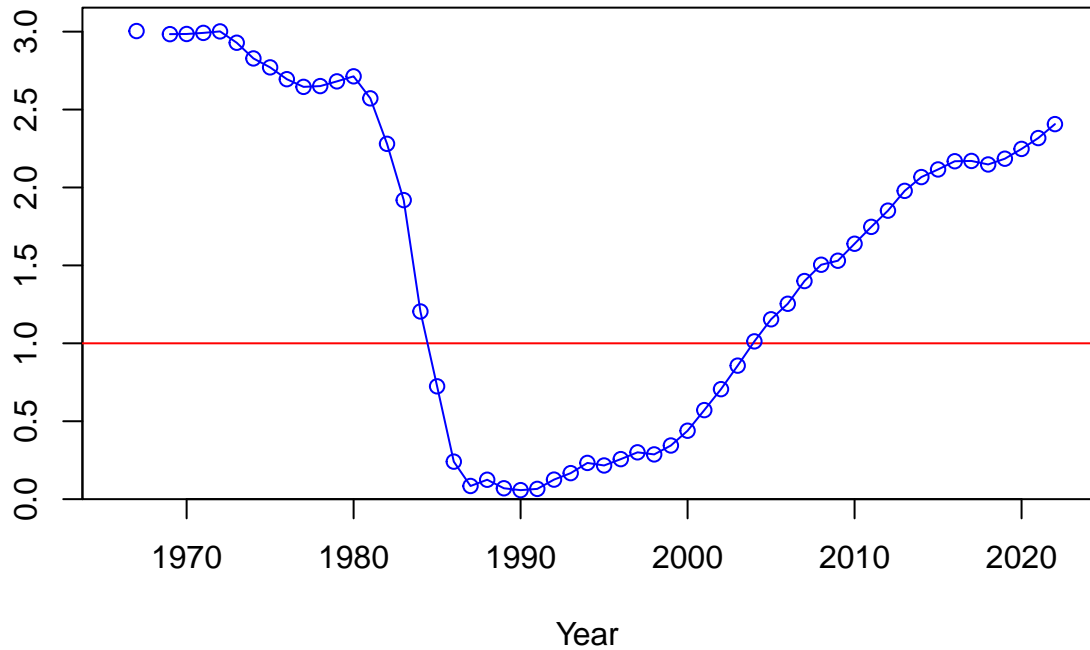




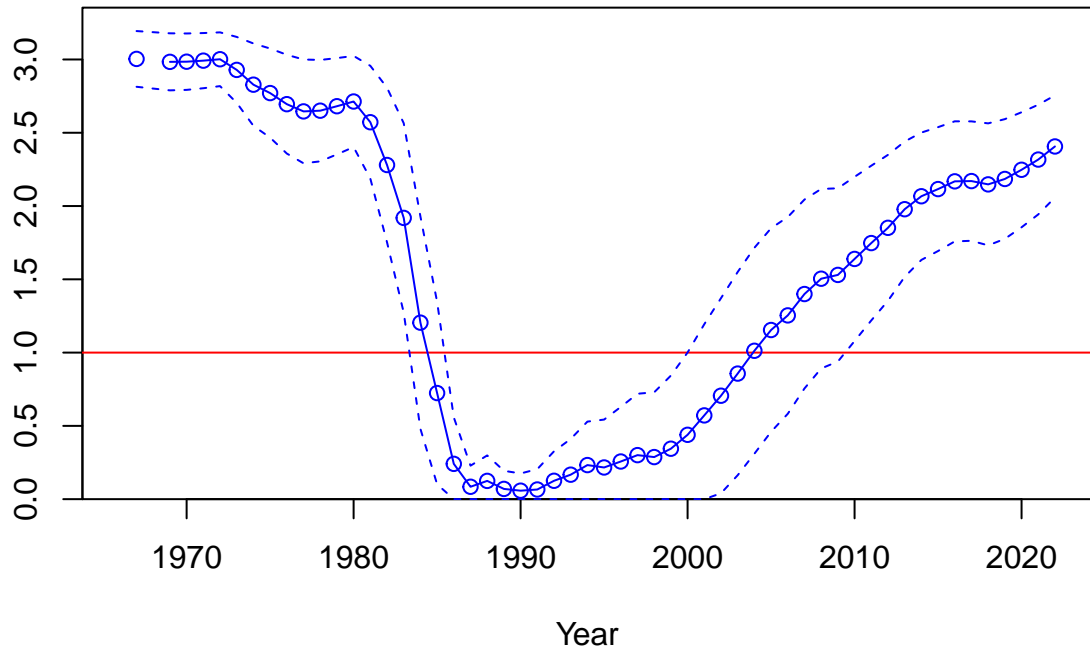
Spawning biomass (mt)

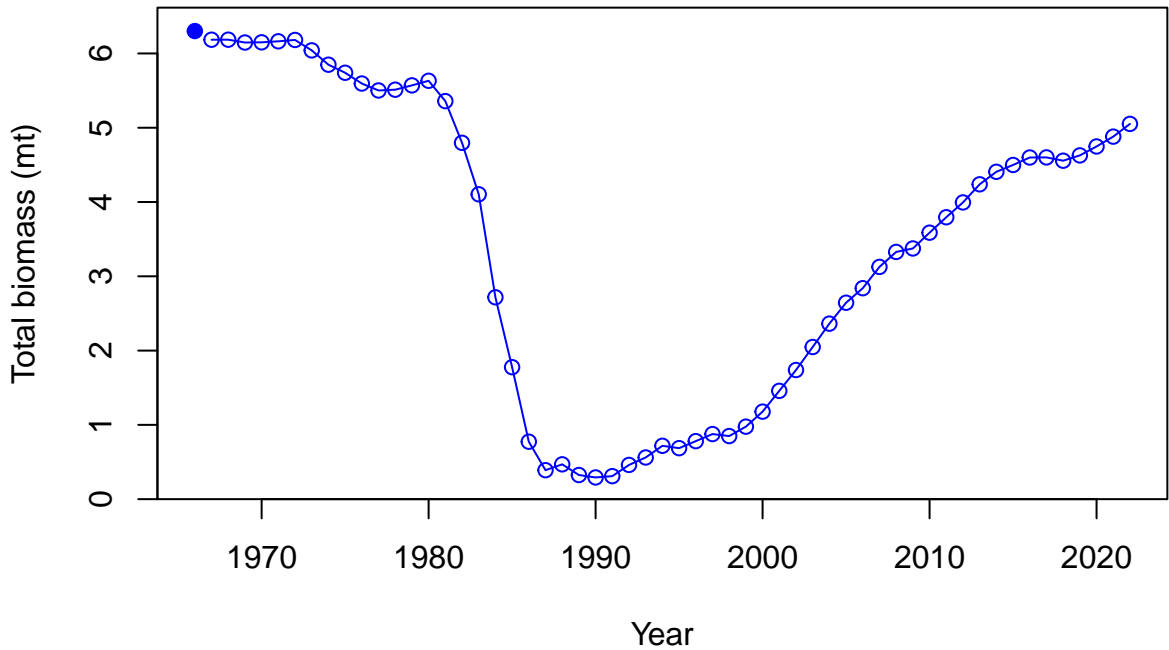


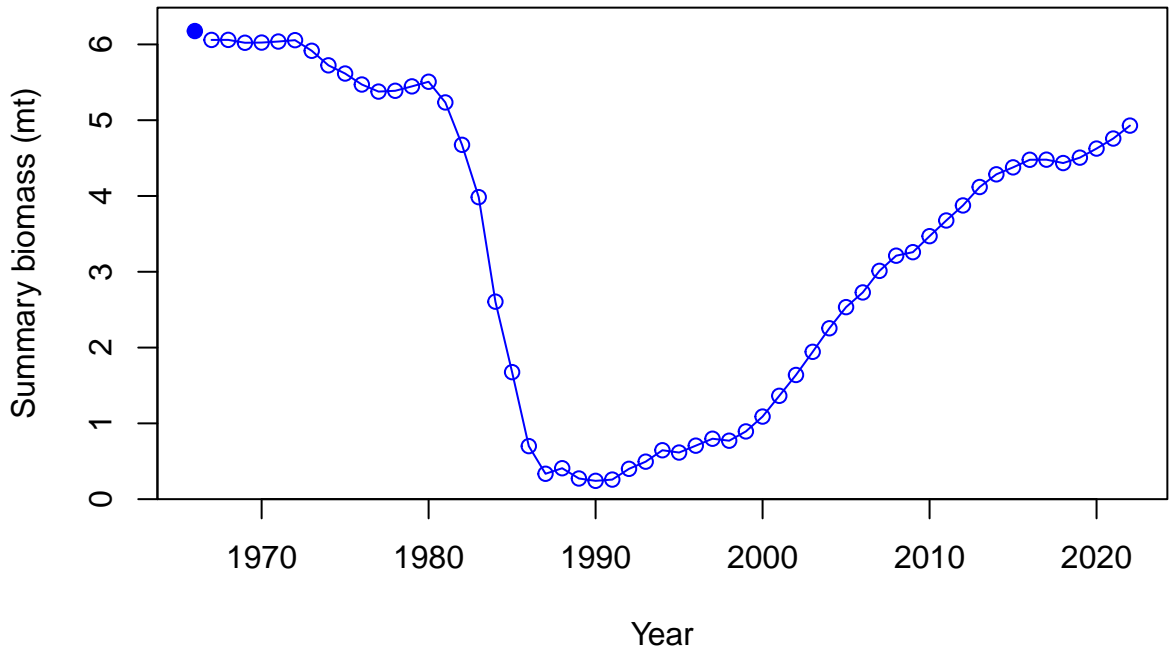
Relative spawning biomass: B/B_{MSY}



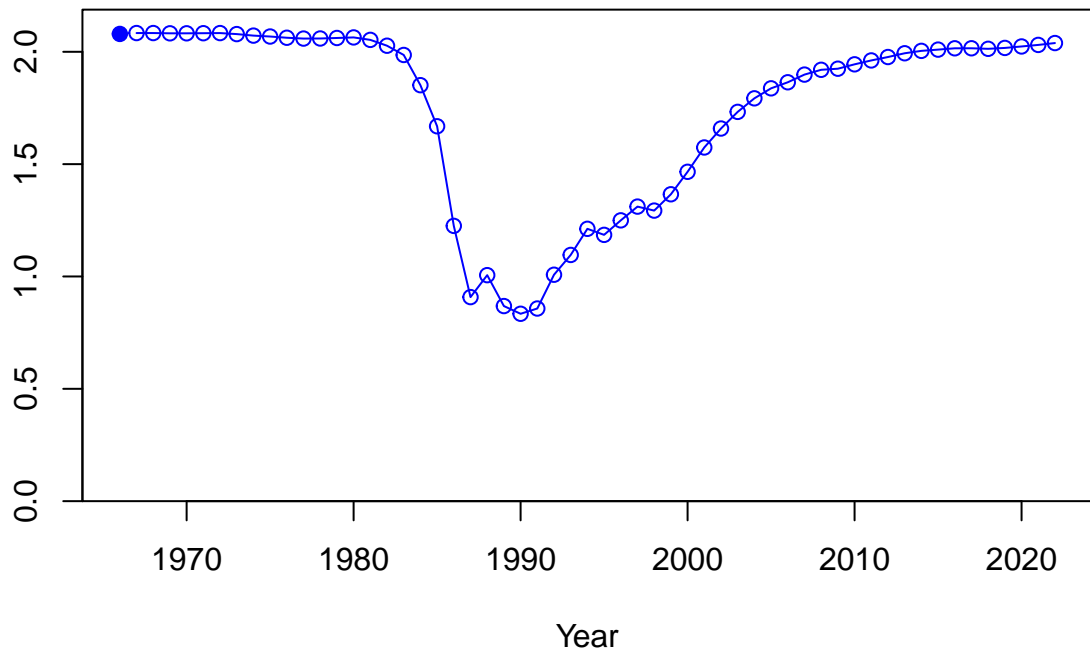
Relative spawning biomass: B/B_{MSY}



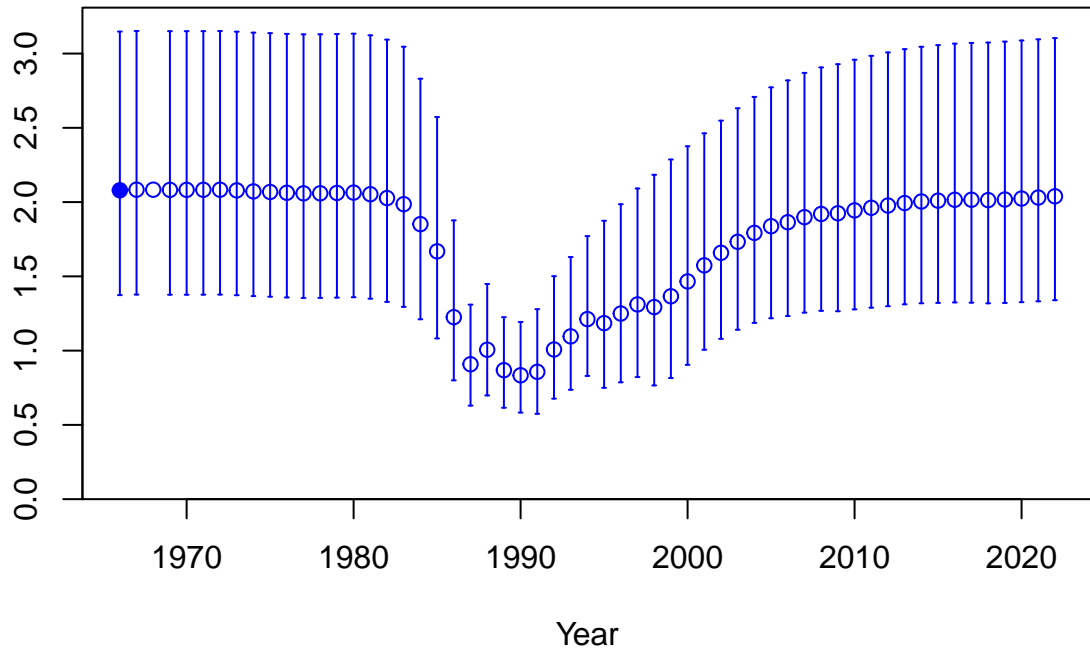




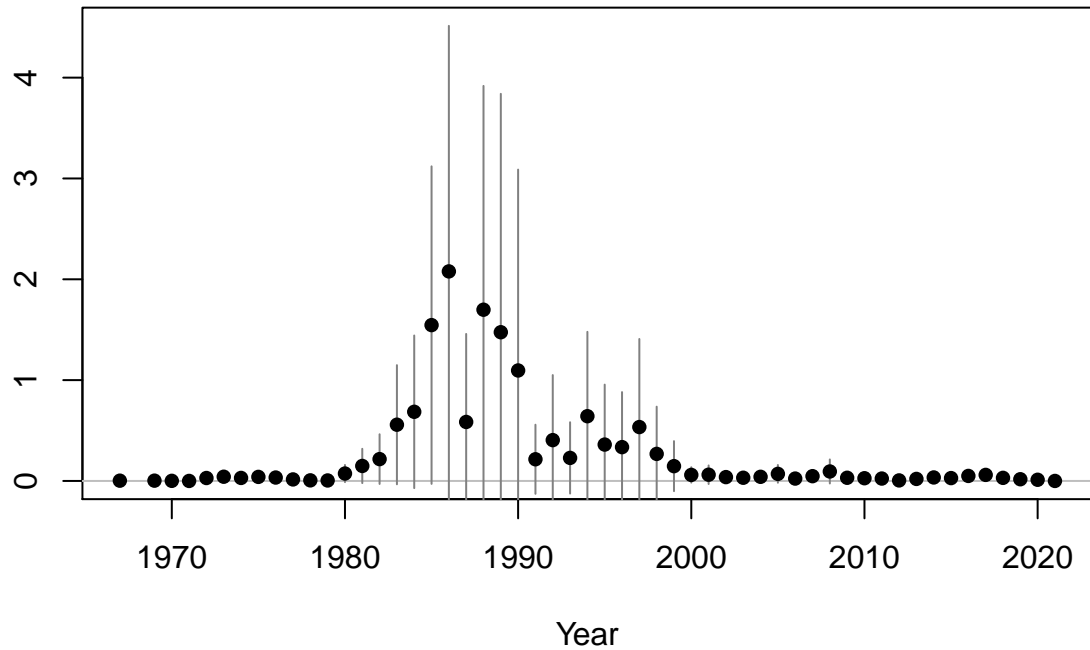
Age-0 recruits (1,000s)

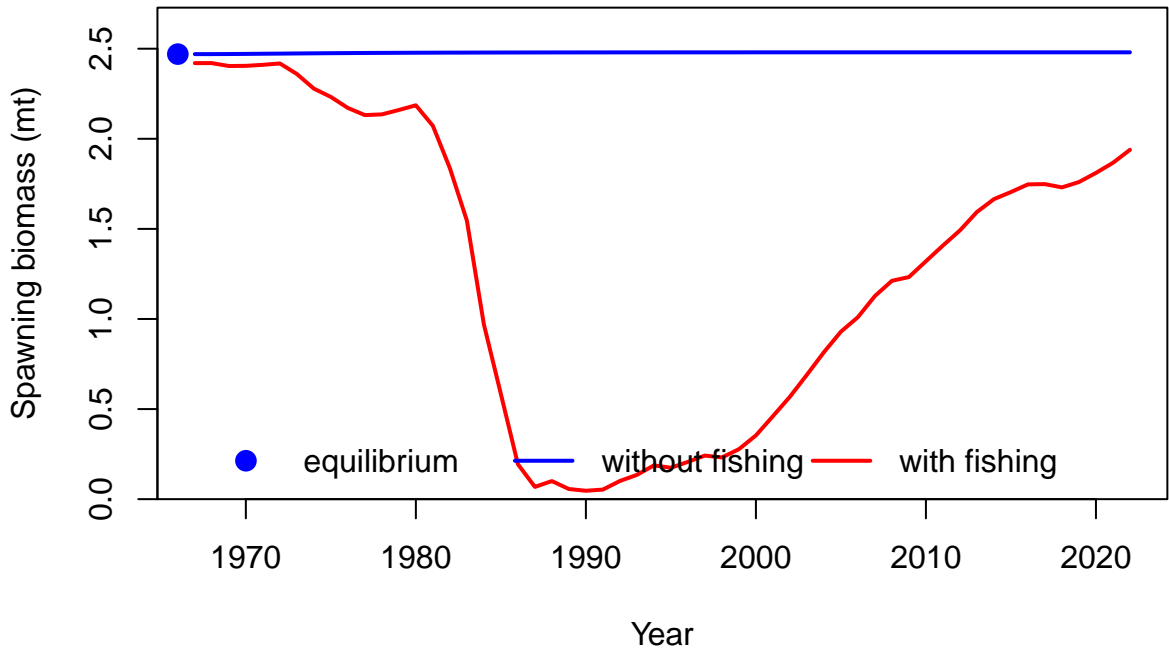


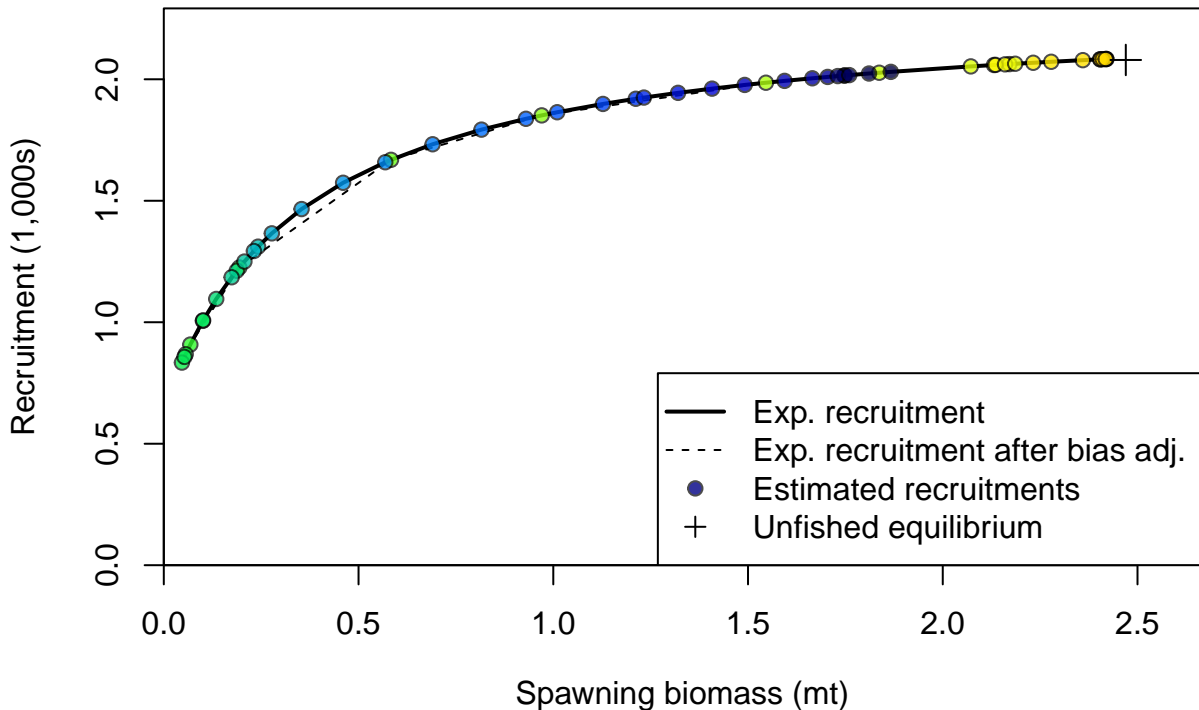
Age-0 recruits (1,000s)

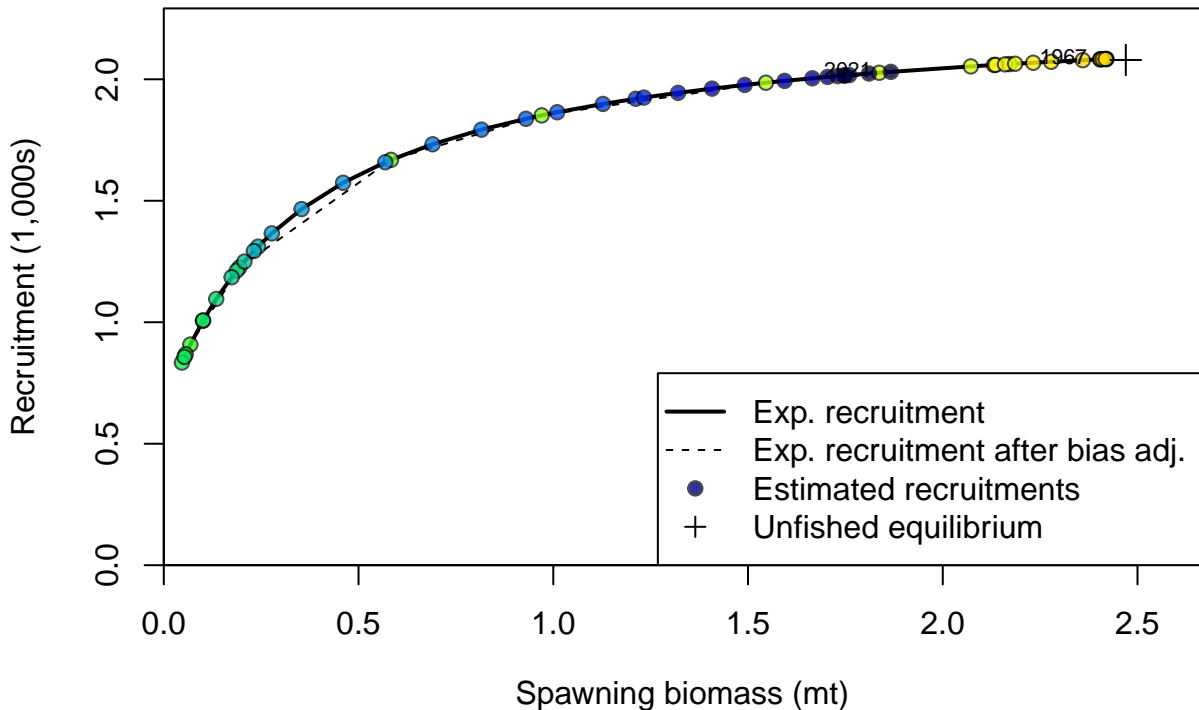


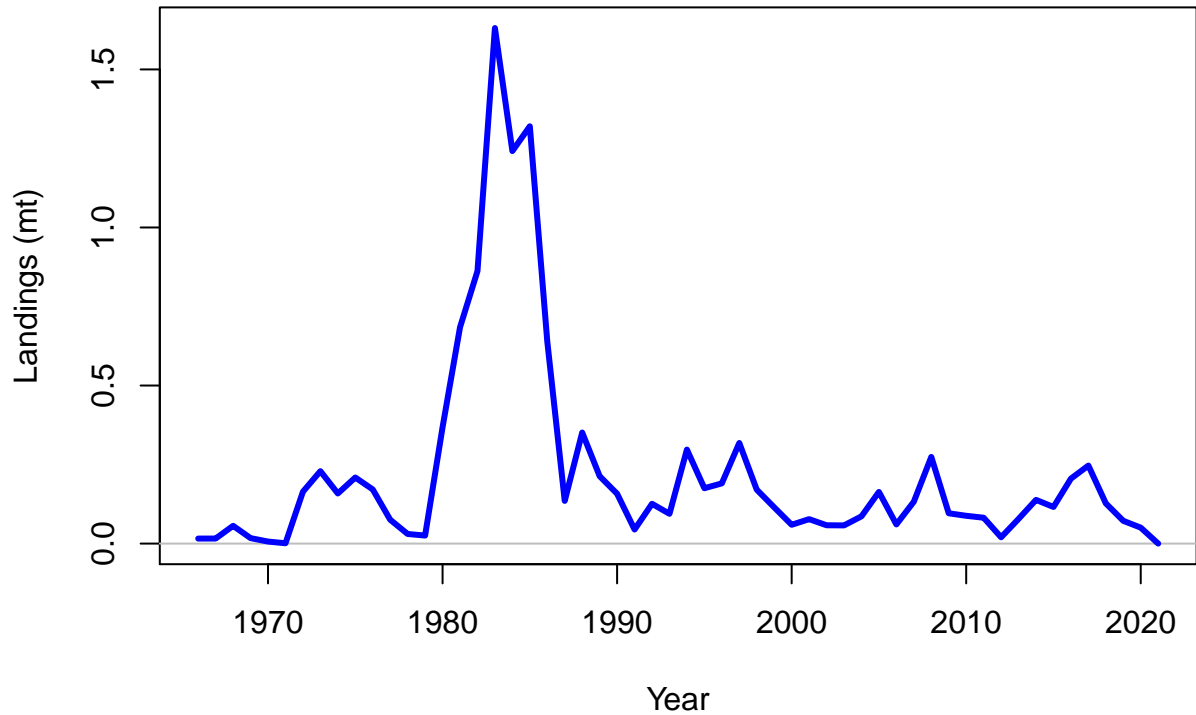
Summary Fishing Mortality

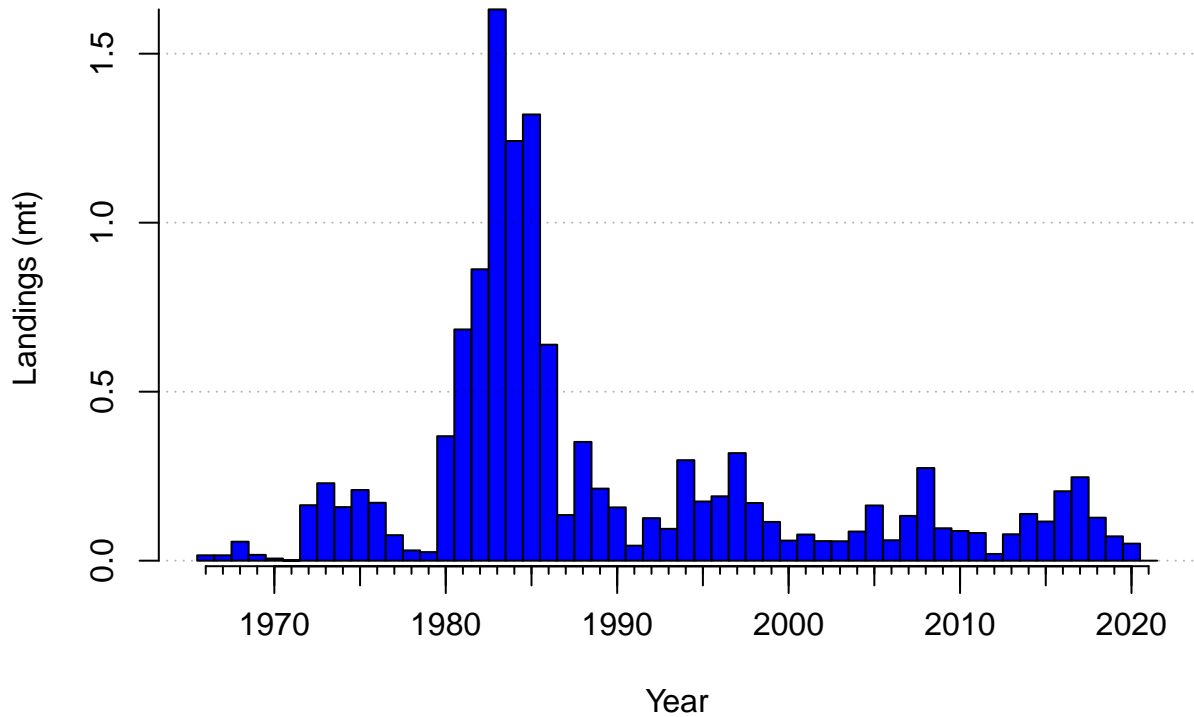


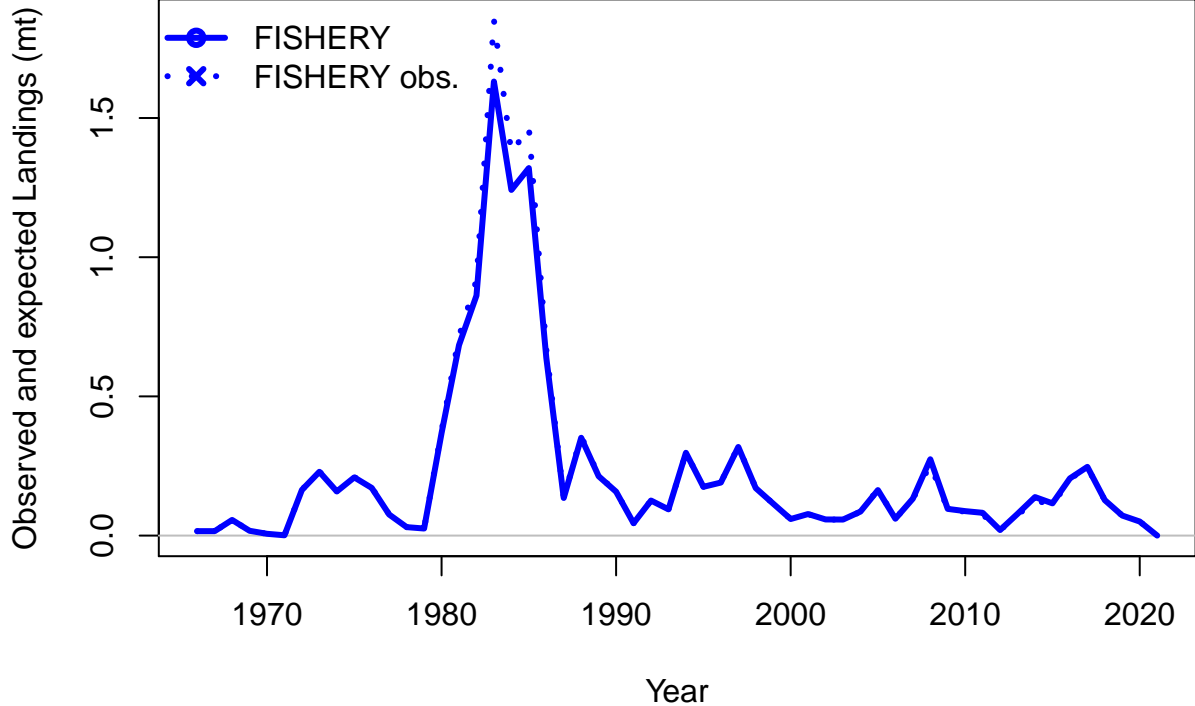


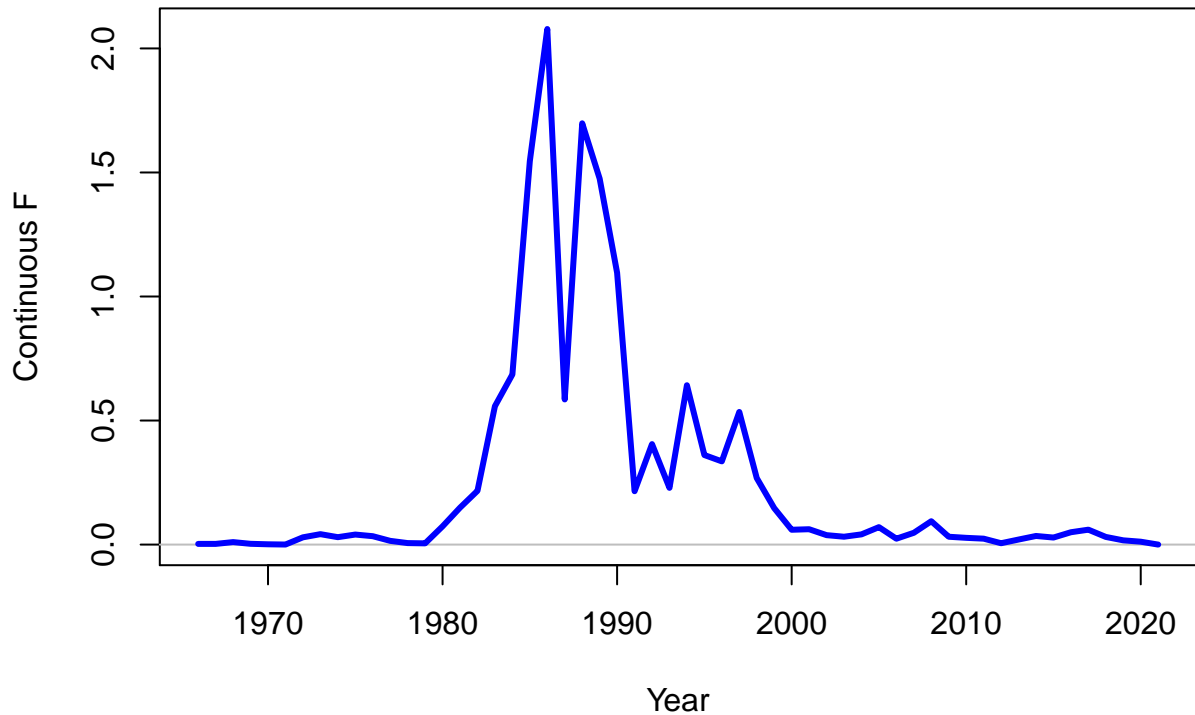




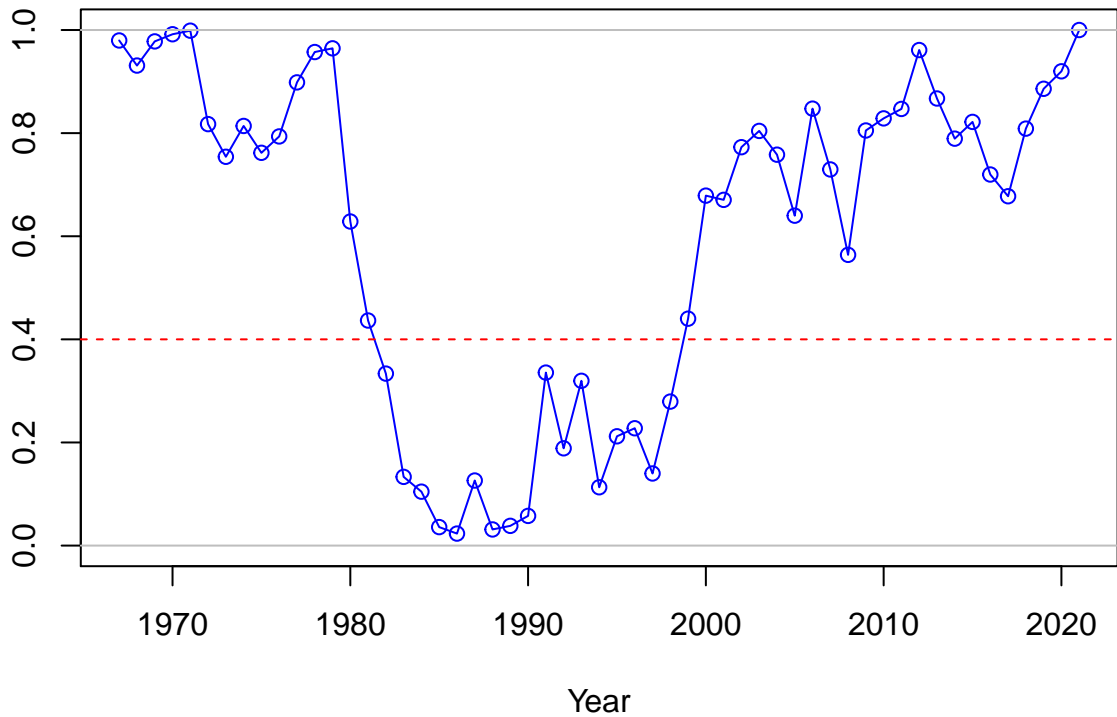




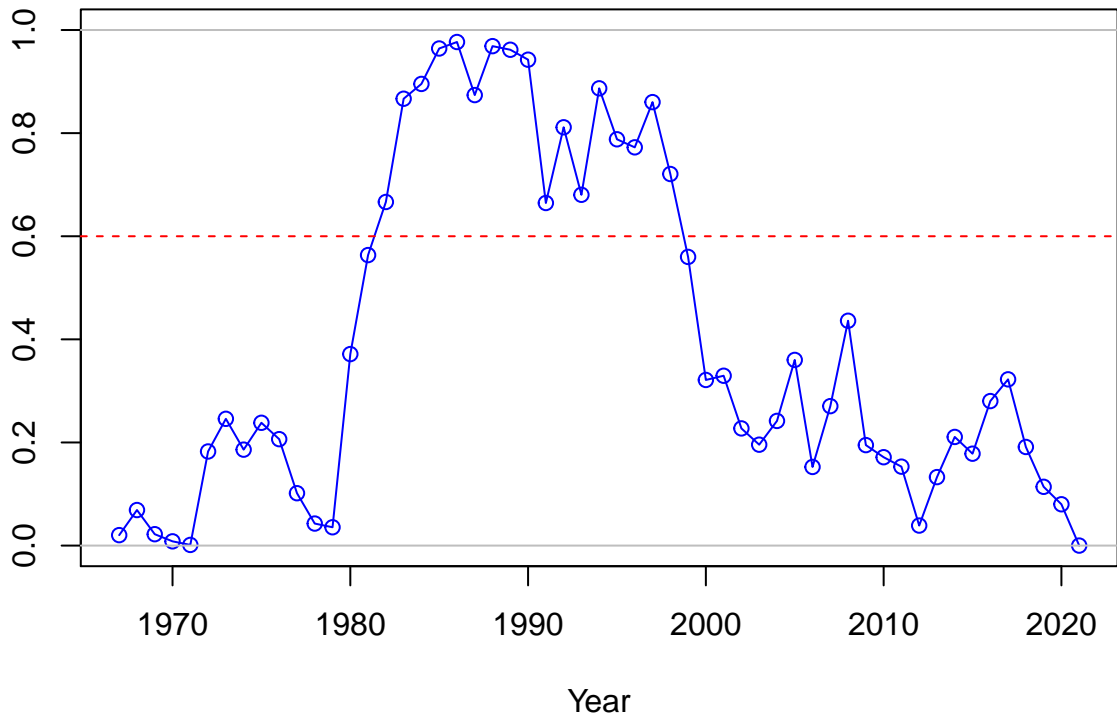




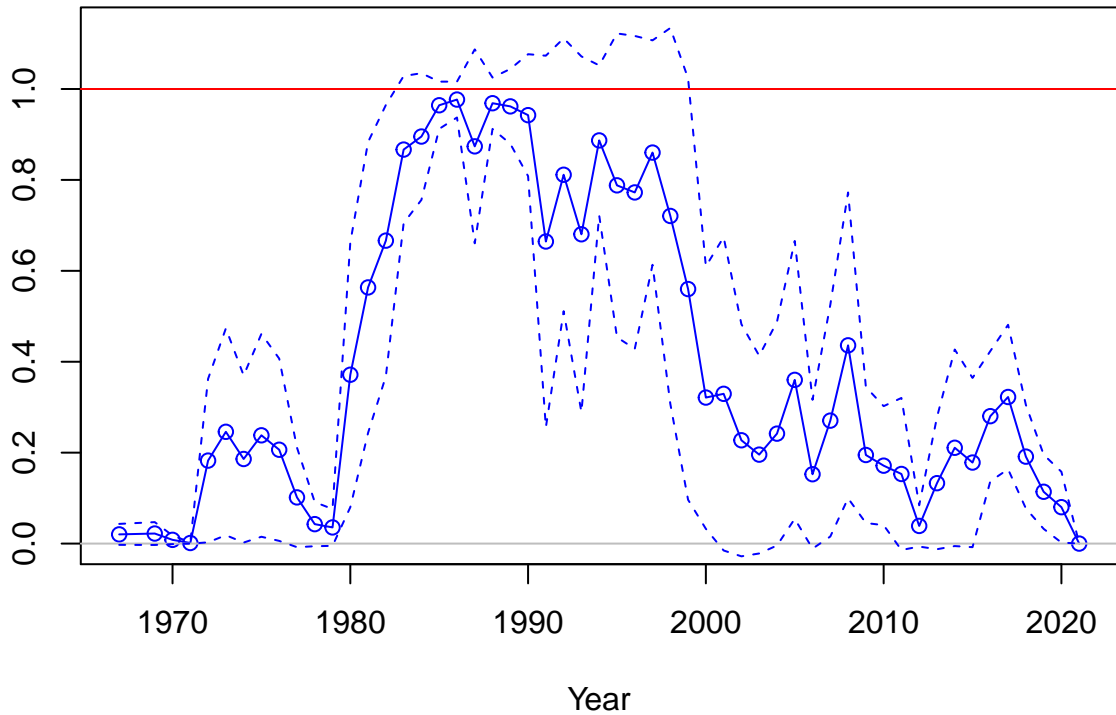
SPR



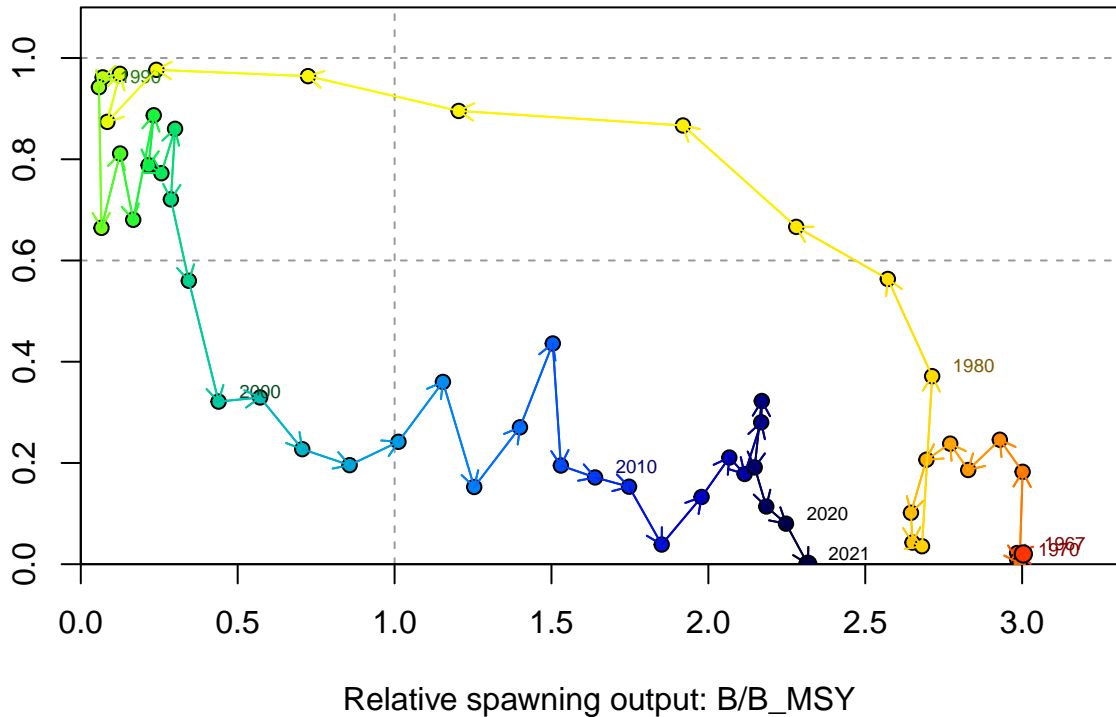
1-SPR

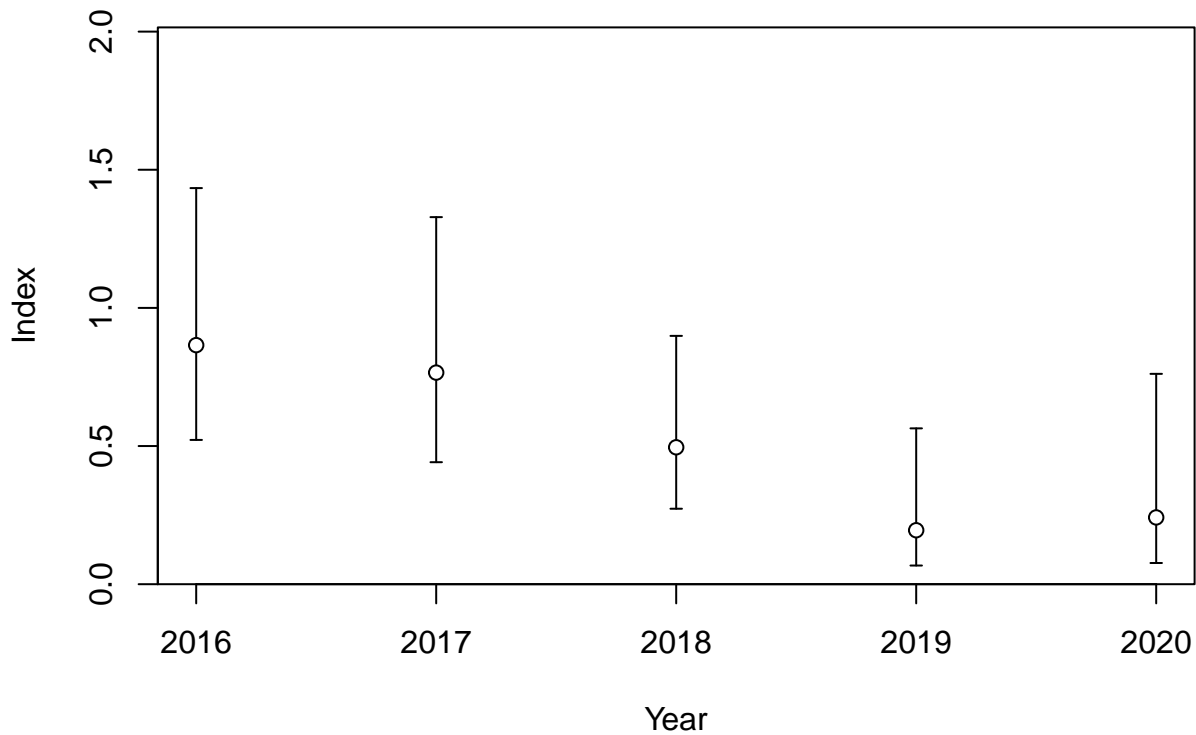


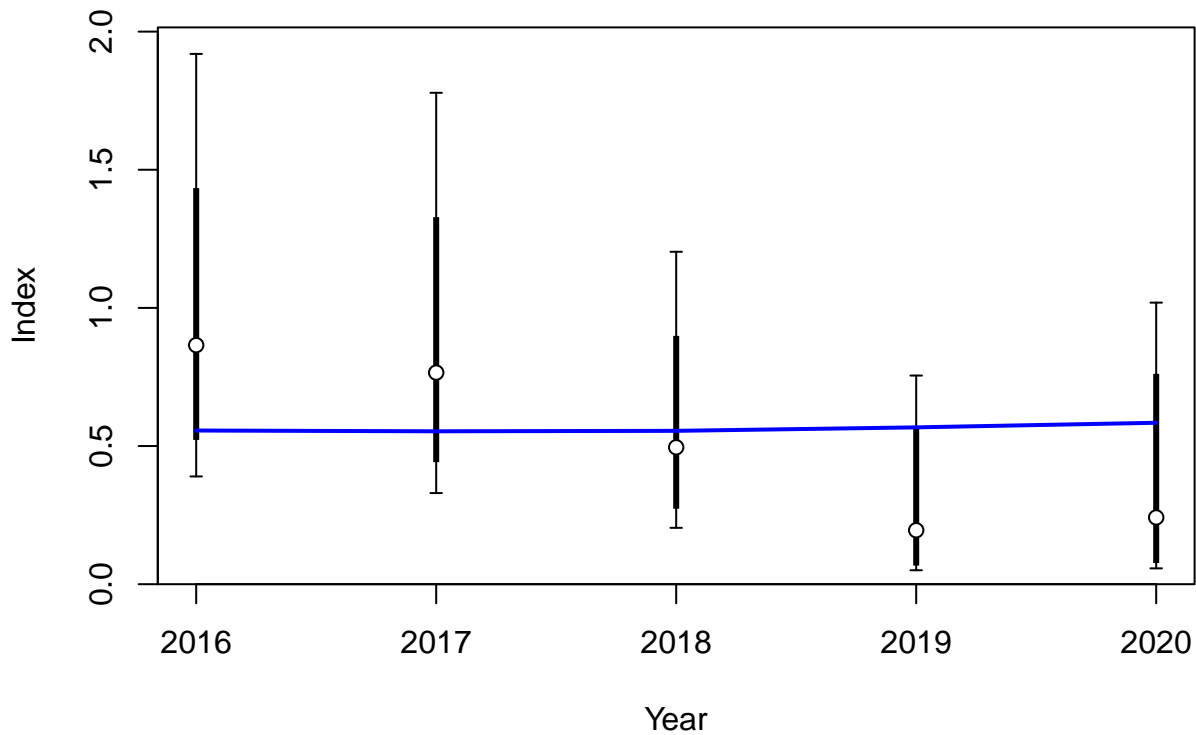
Fishing intensity: 1-SPR



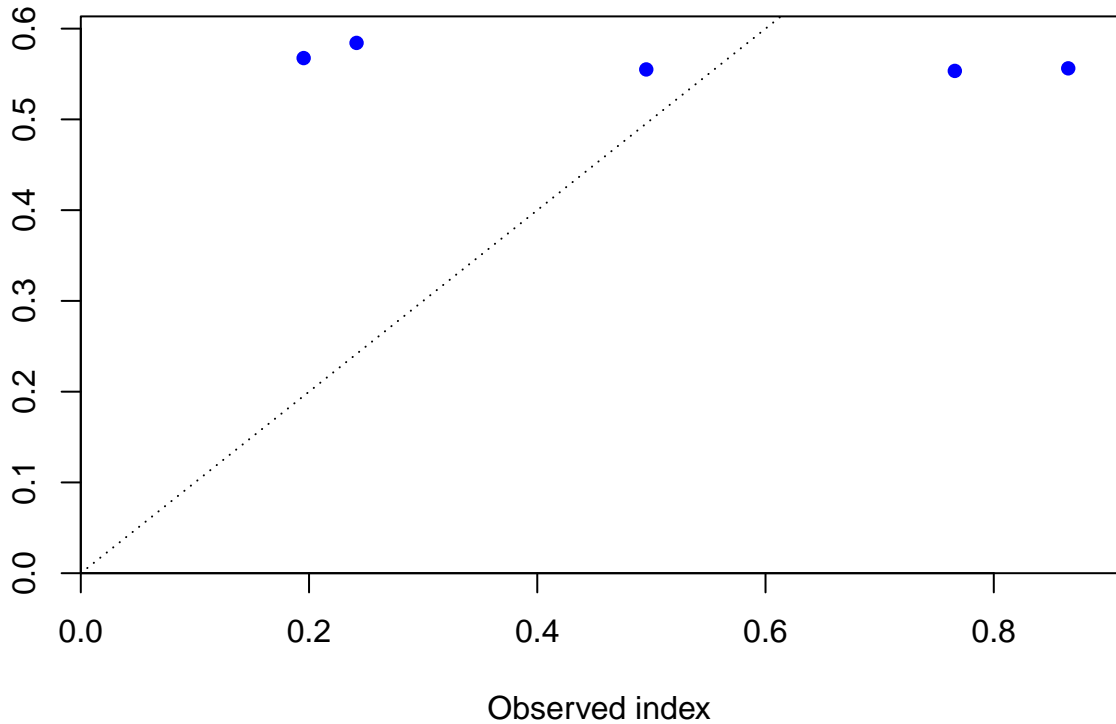
Fishing intensity: 1-SPR

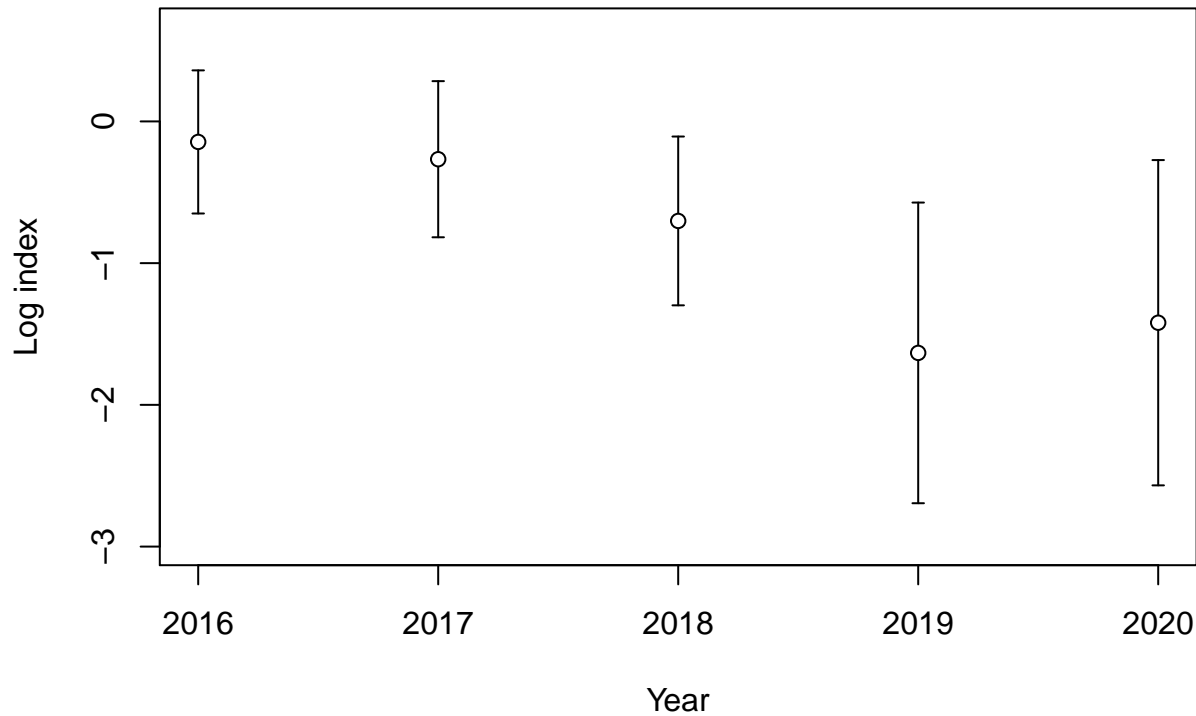


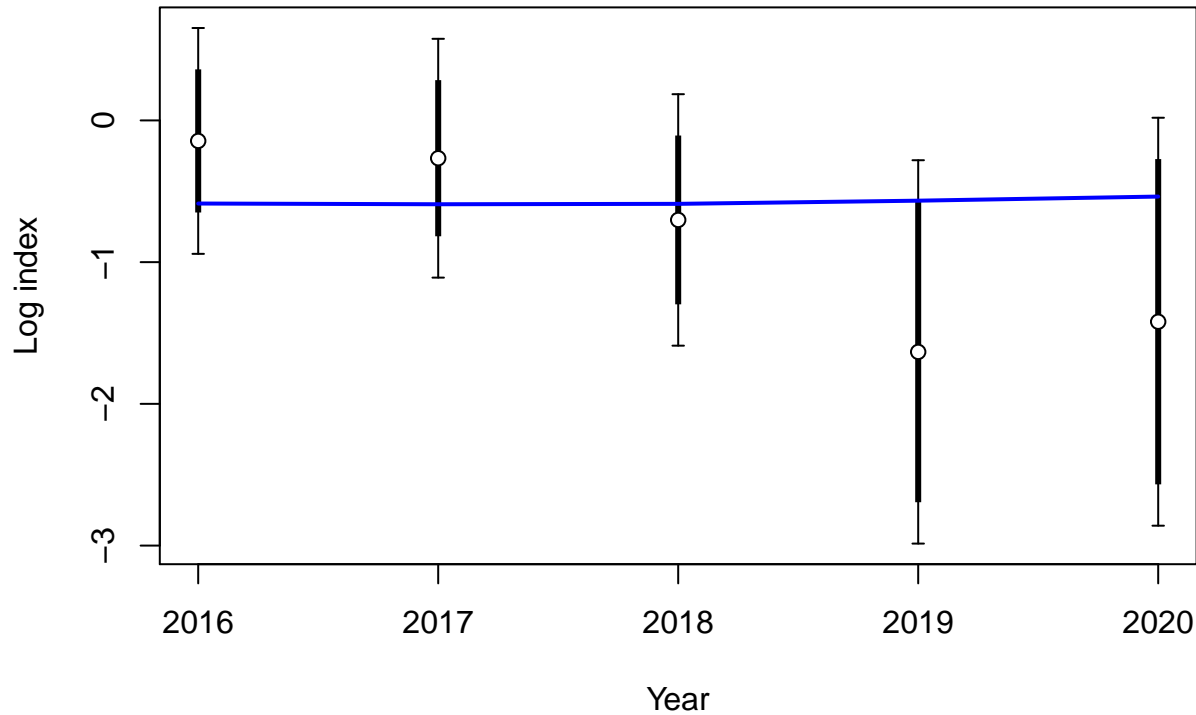


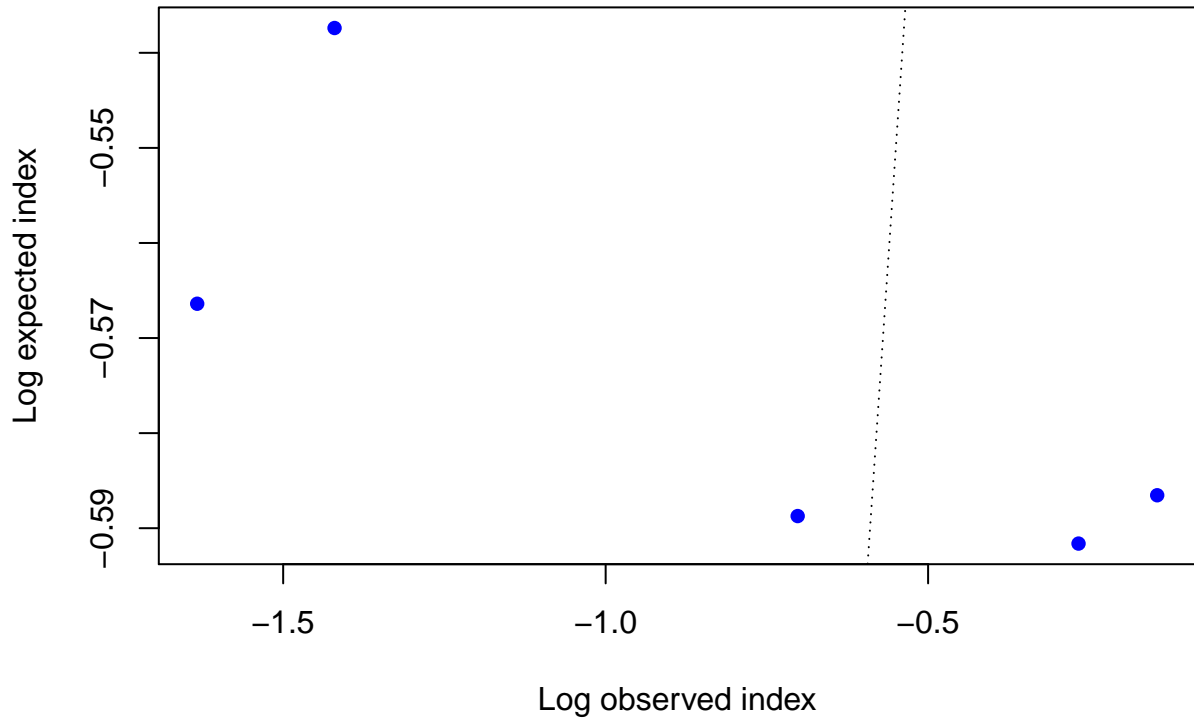


Expected index

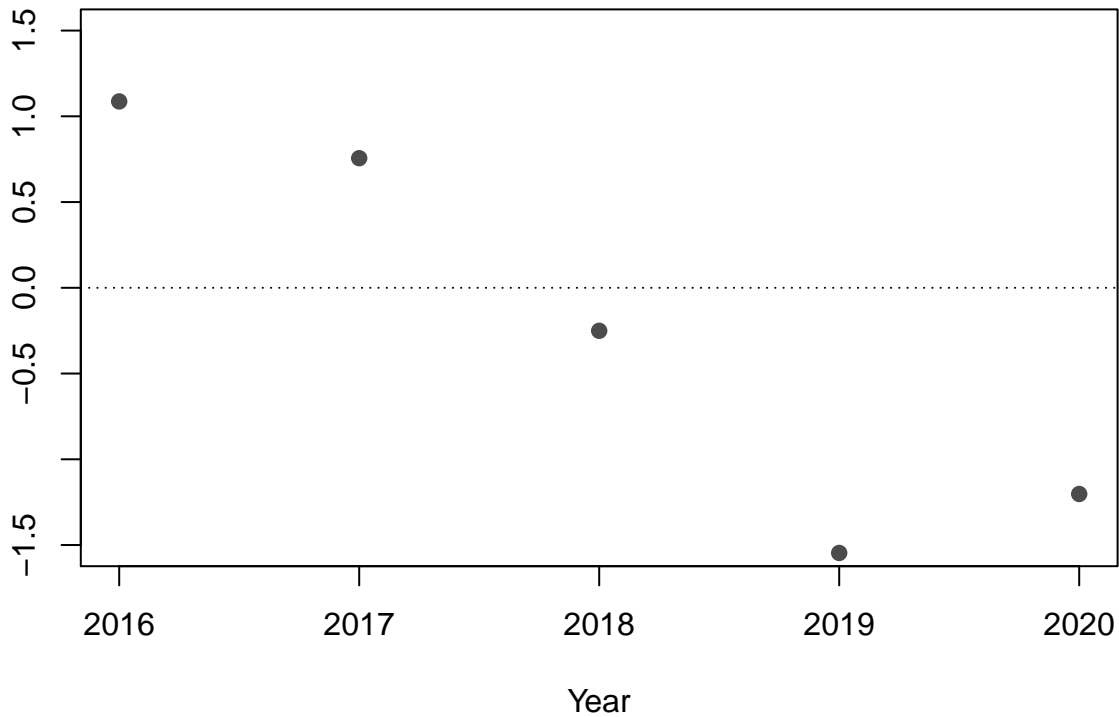


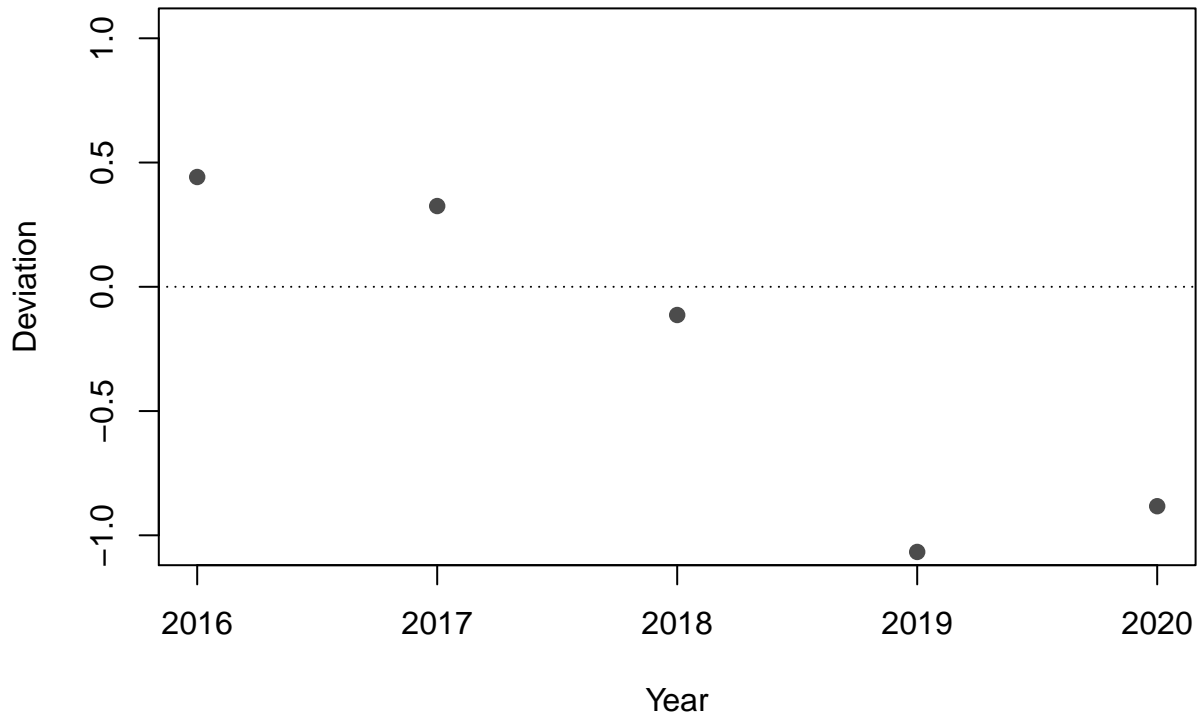




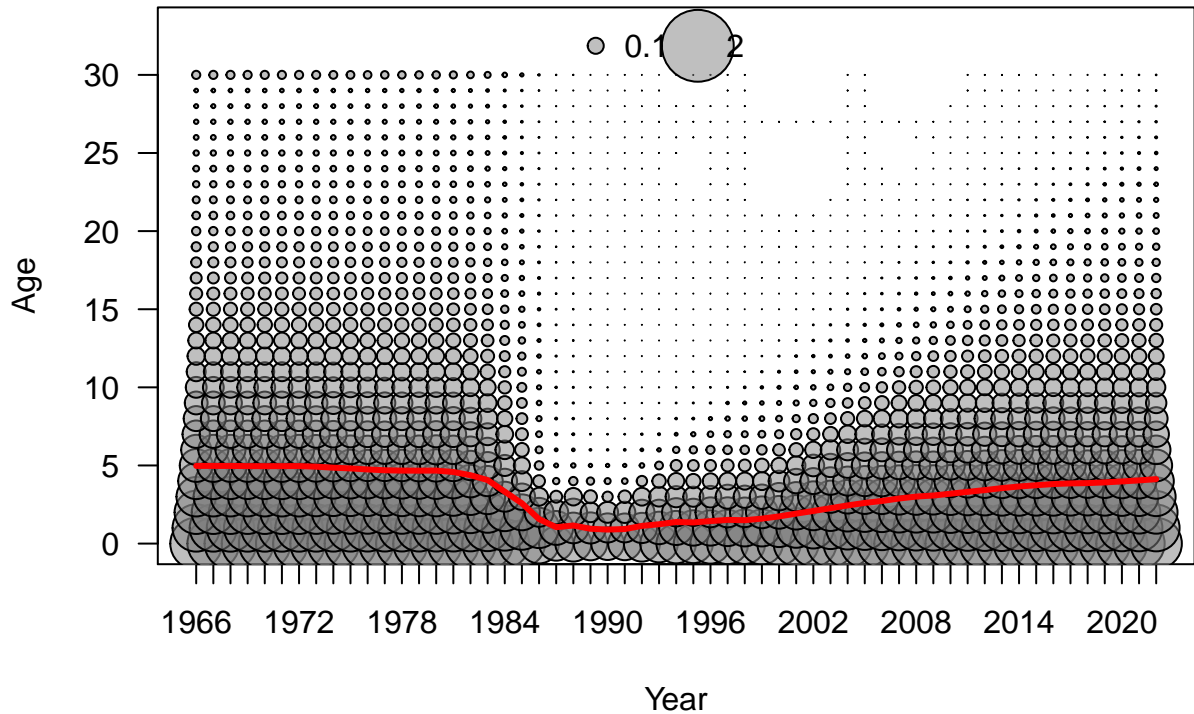


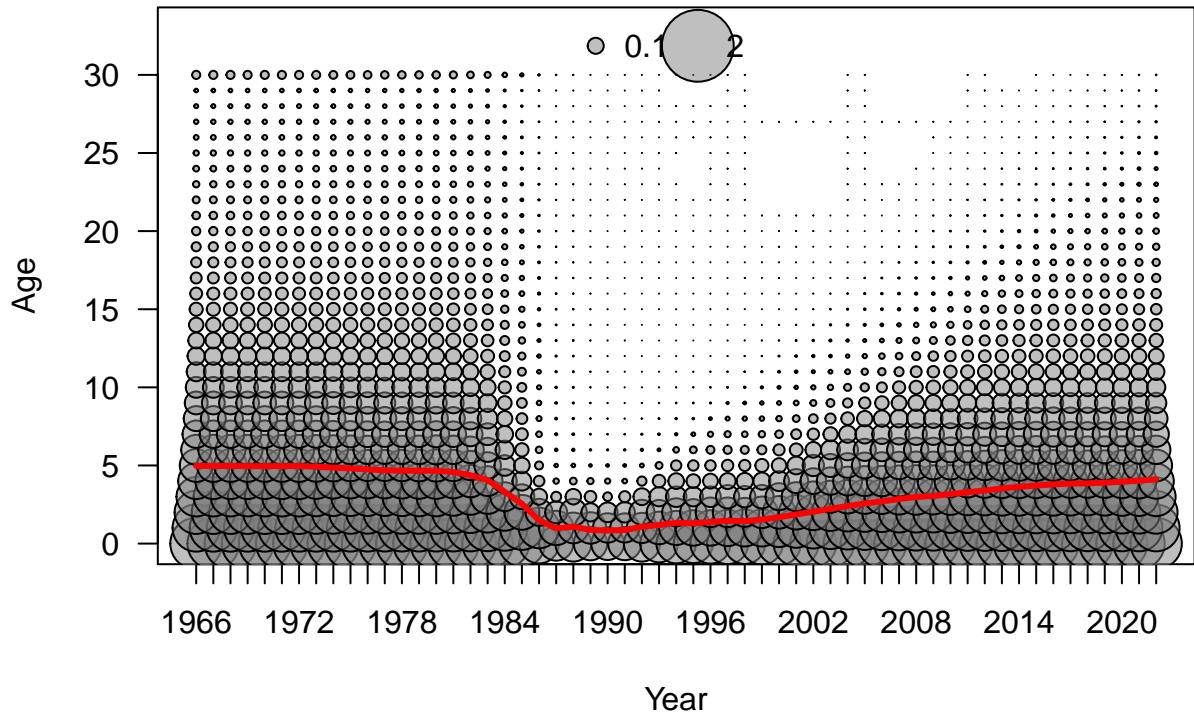
Residual

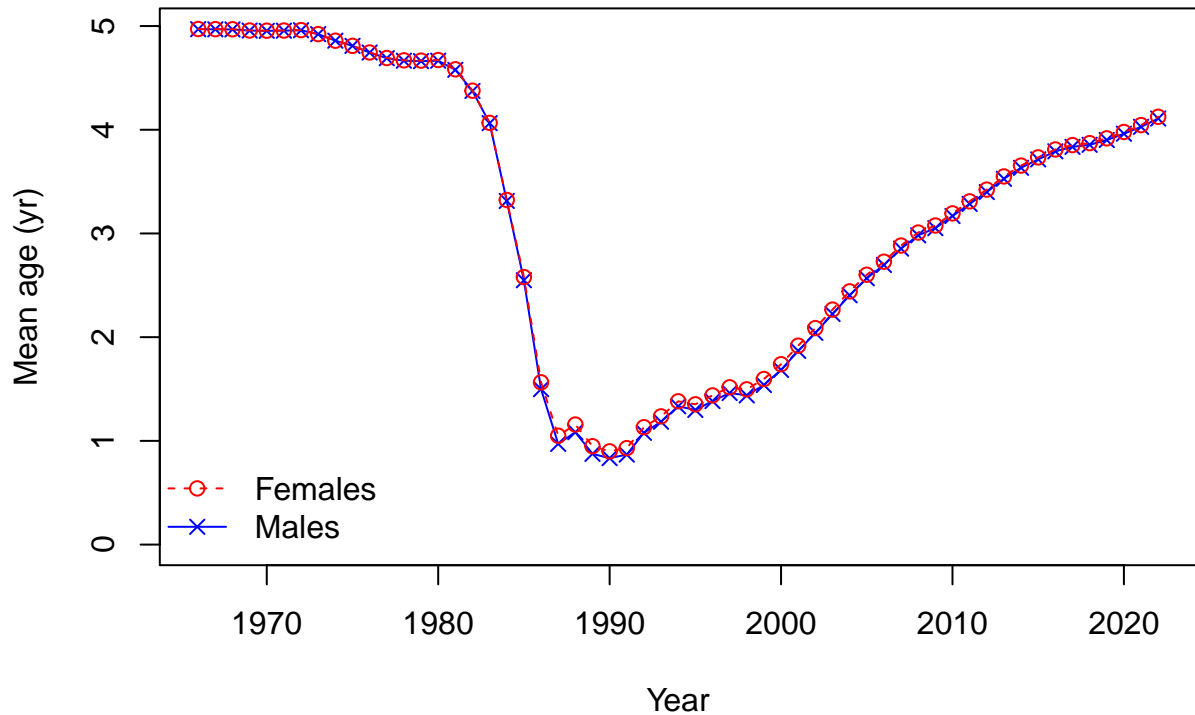


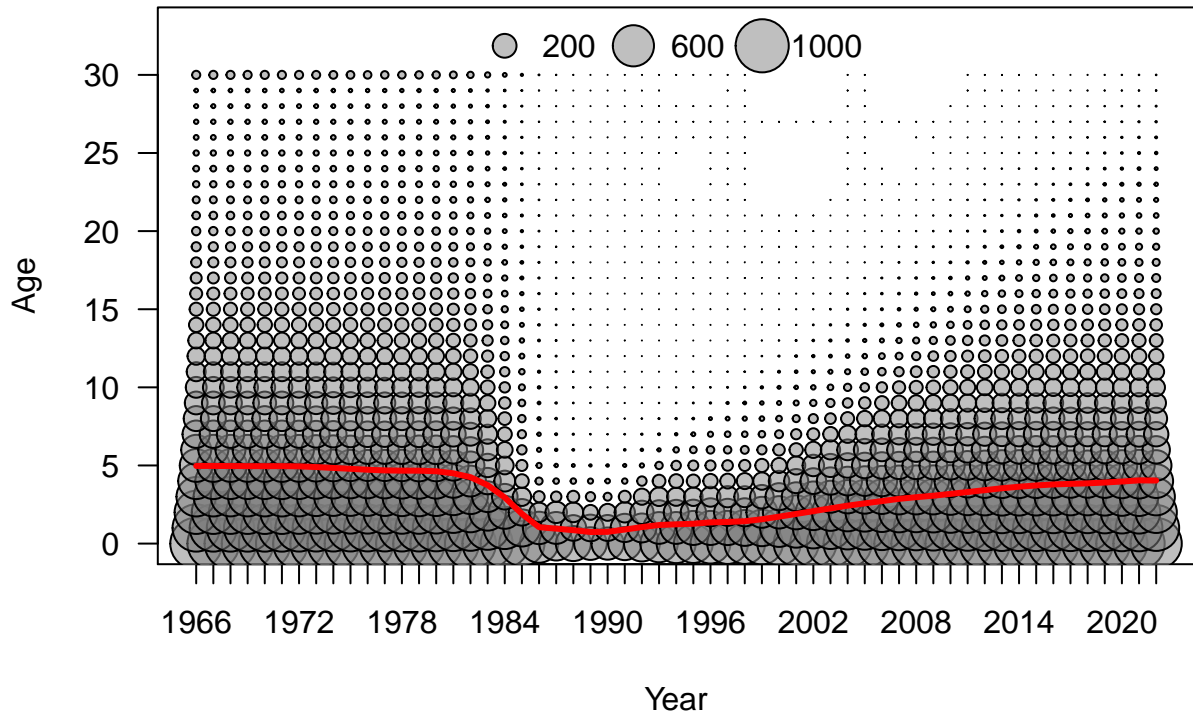


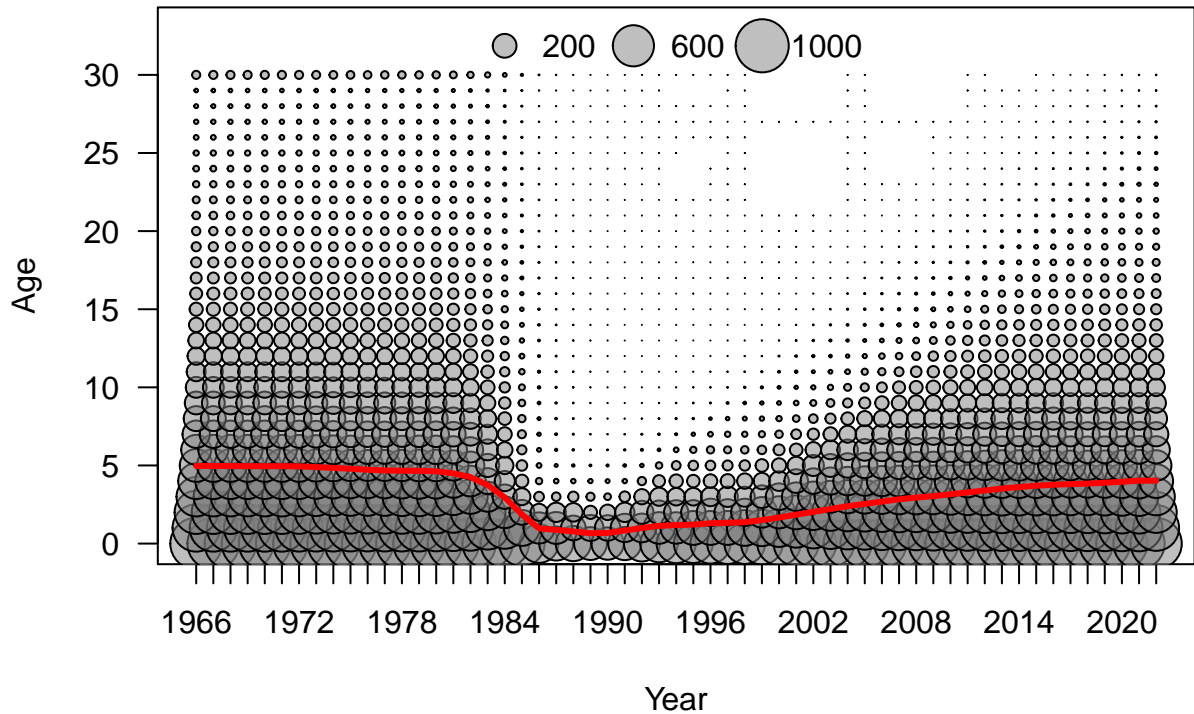


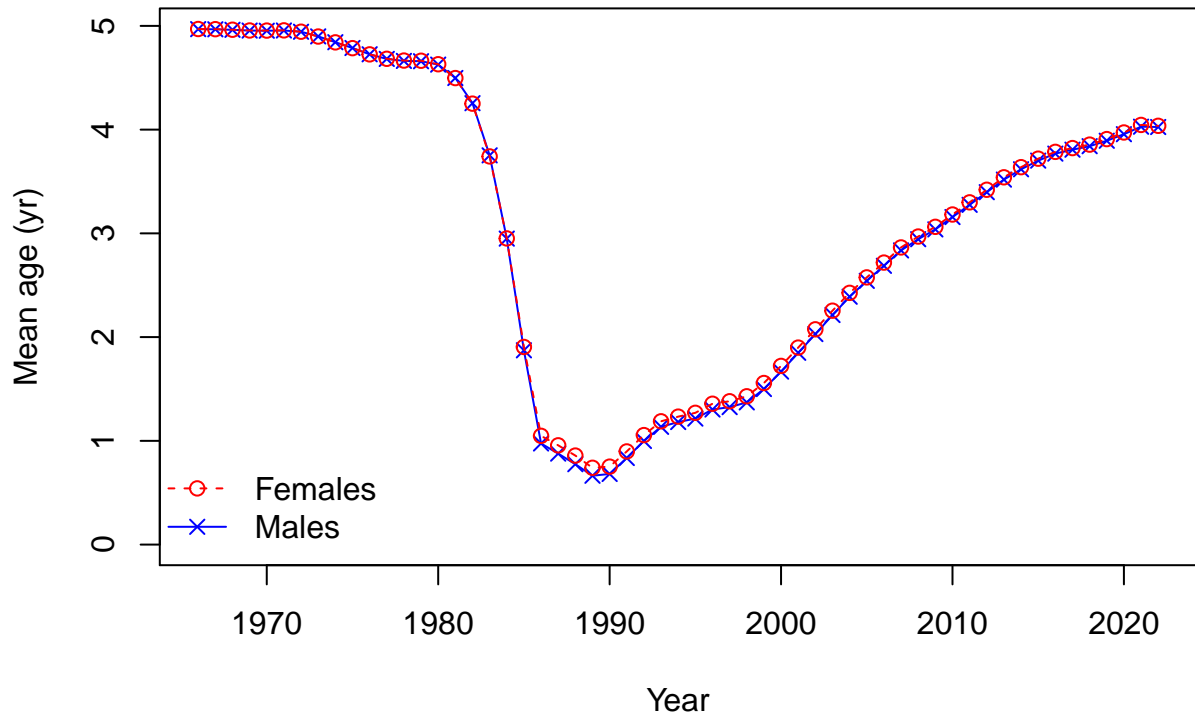


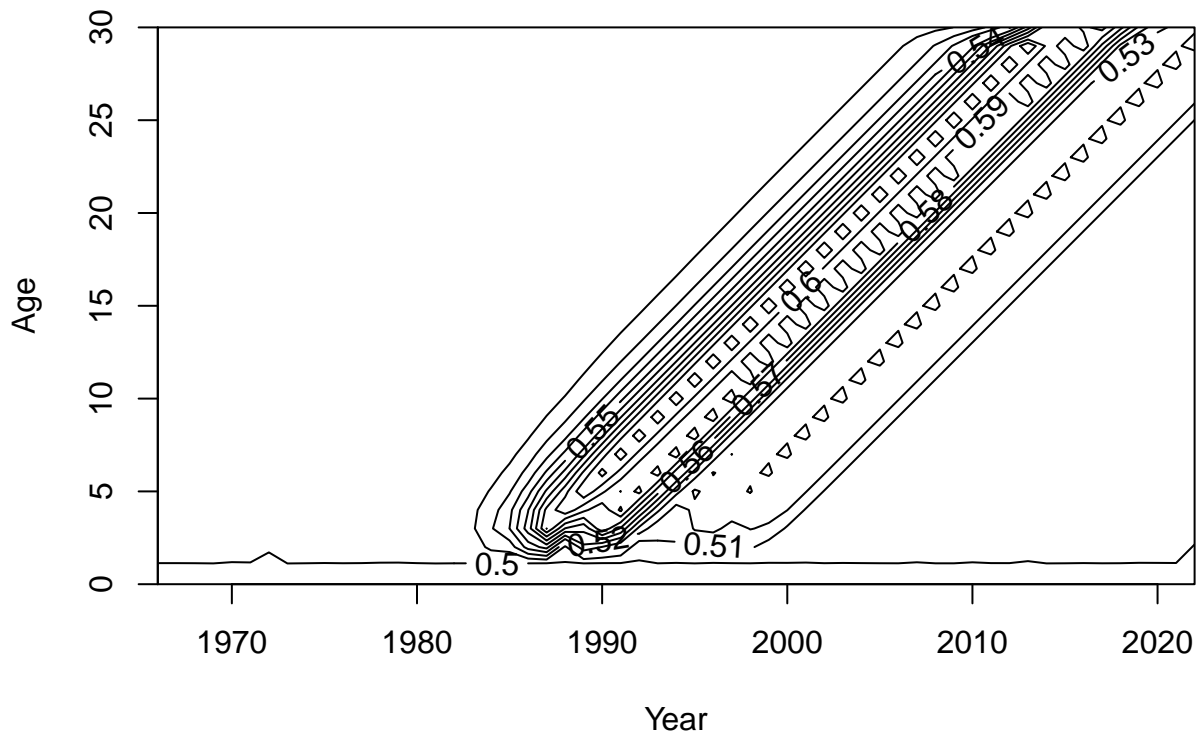


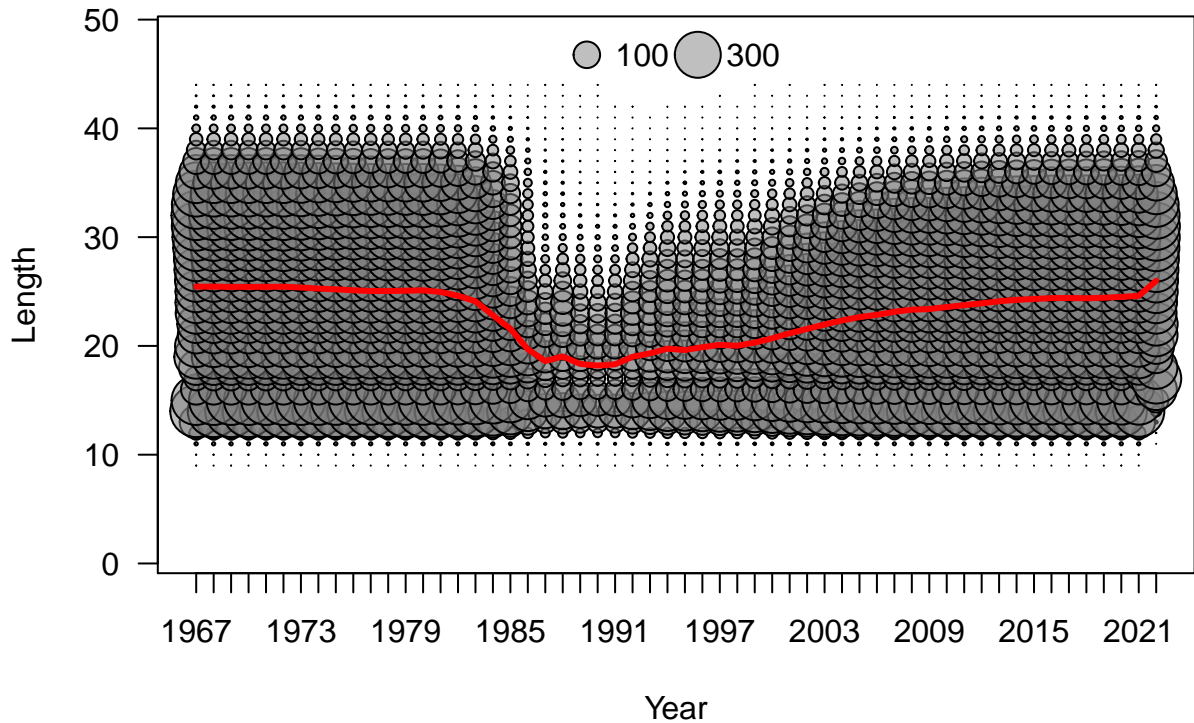


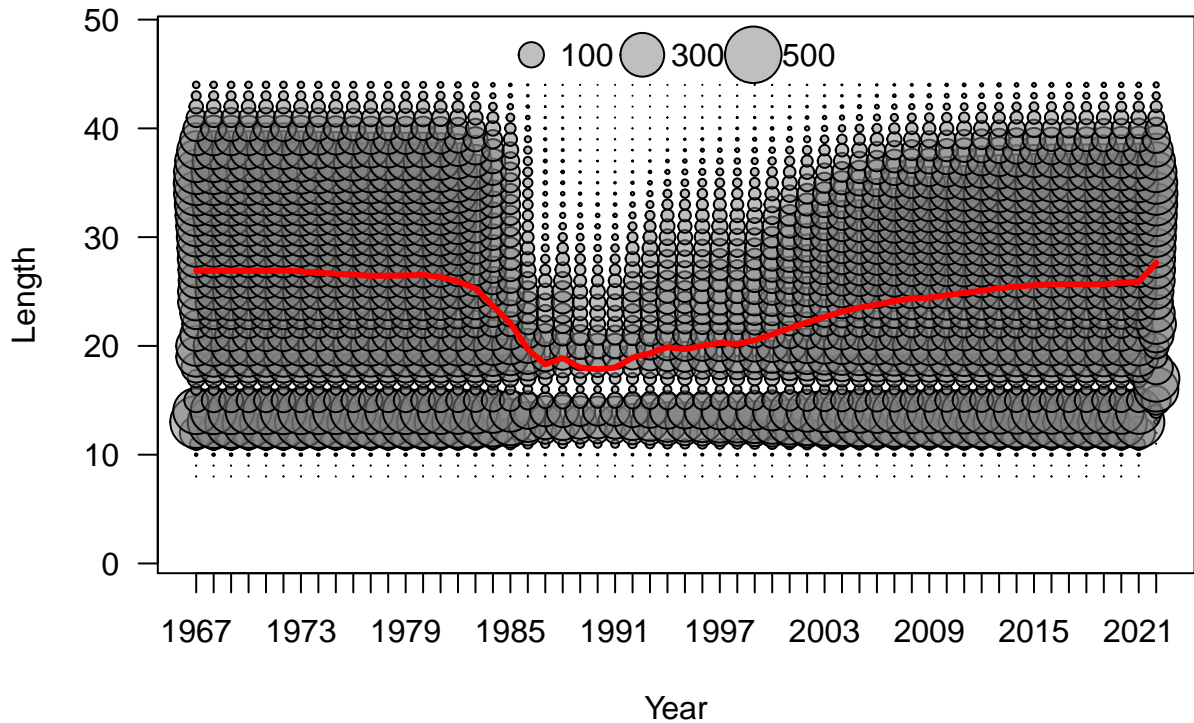


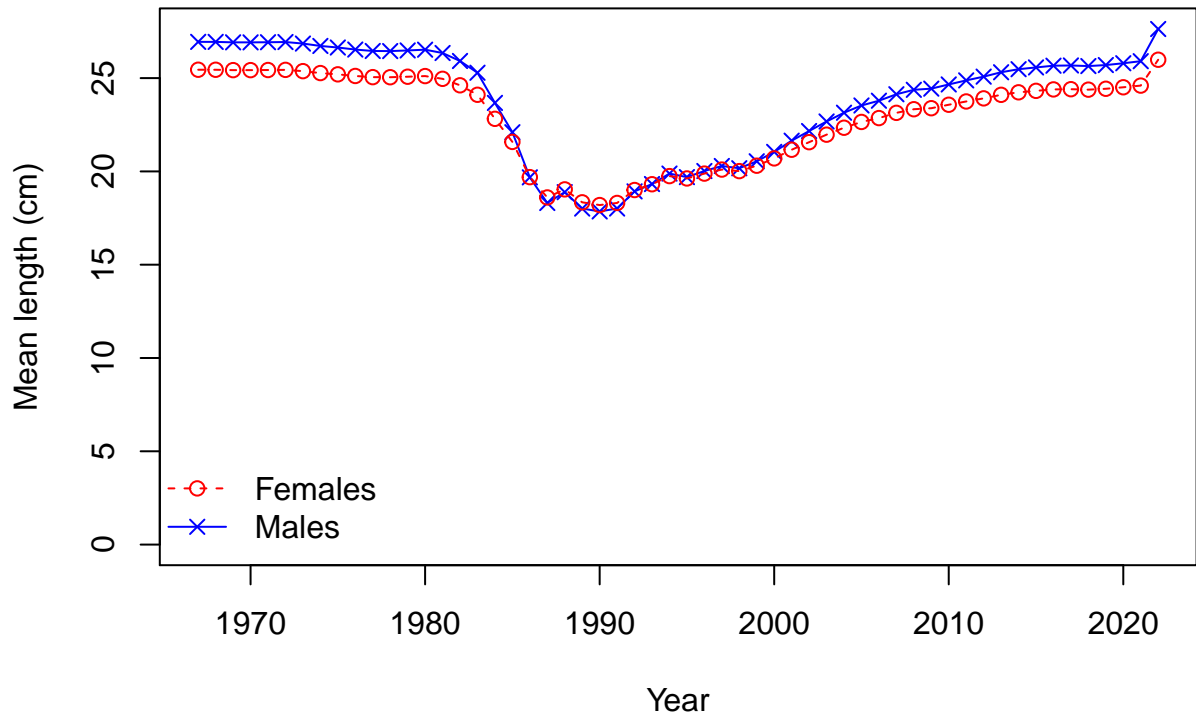


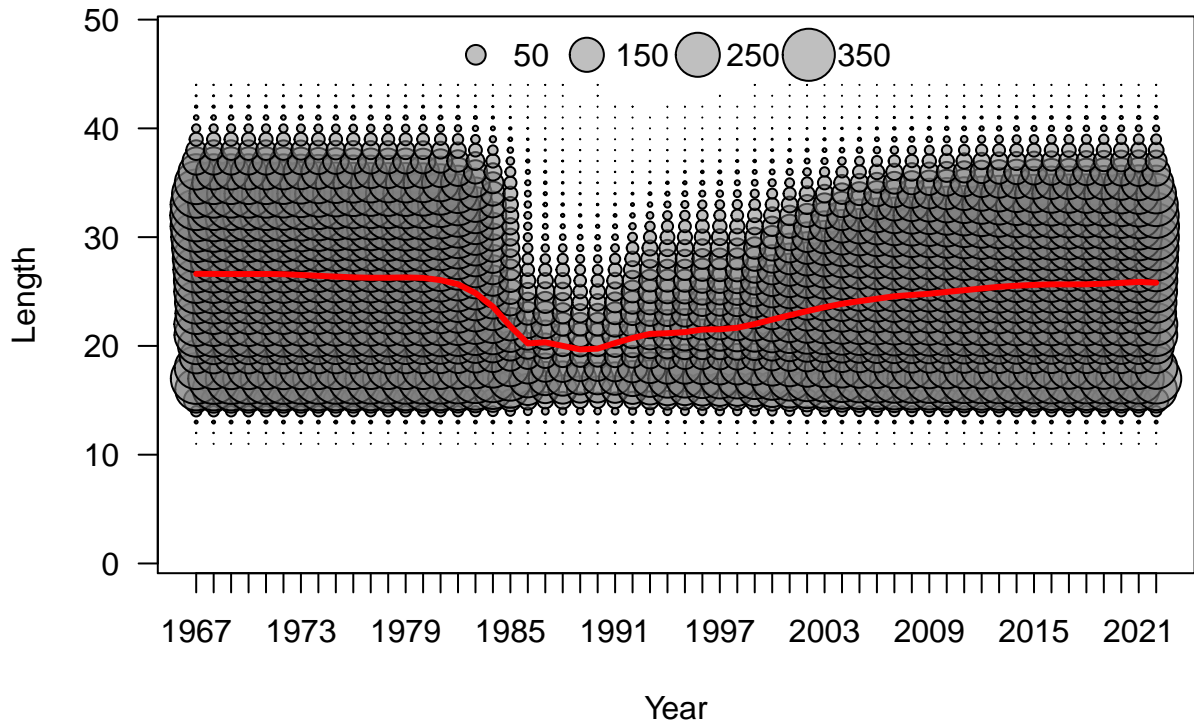


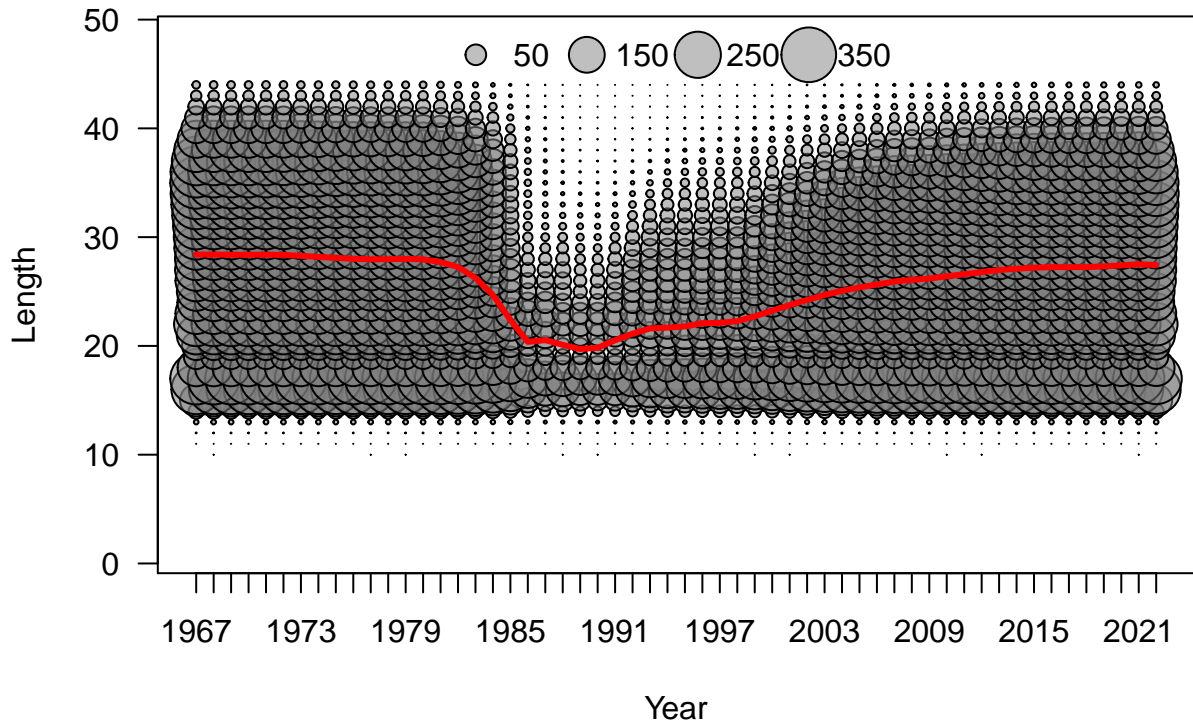


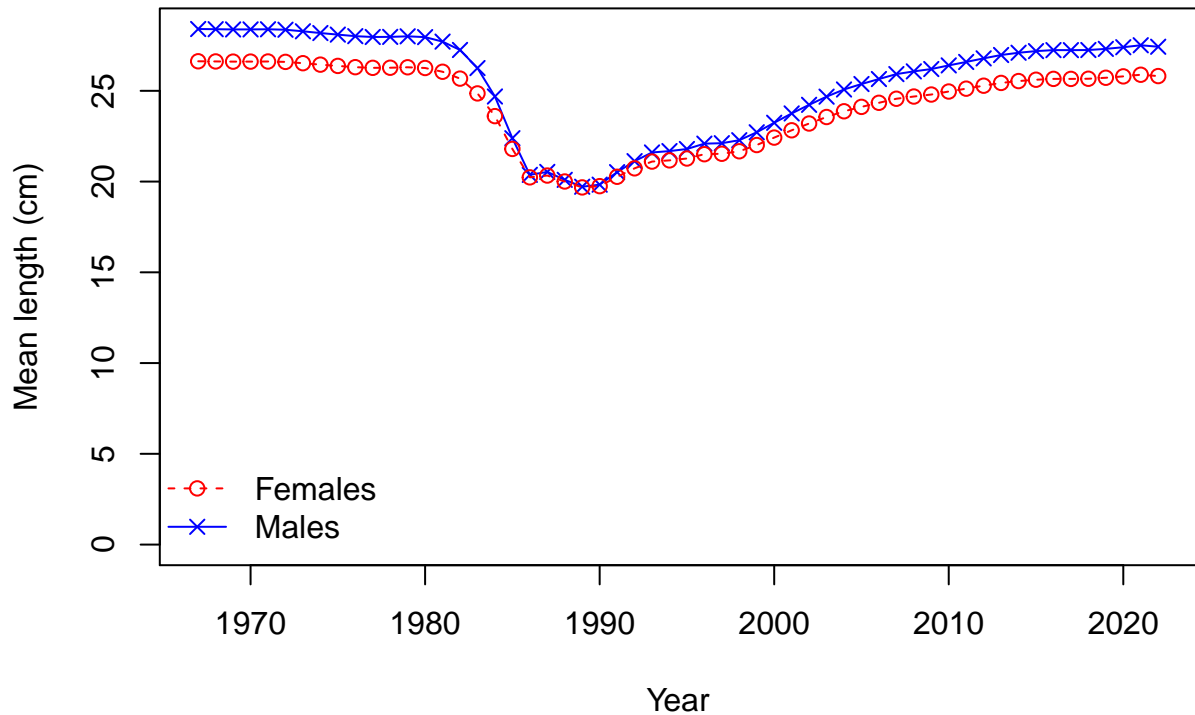




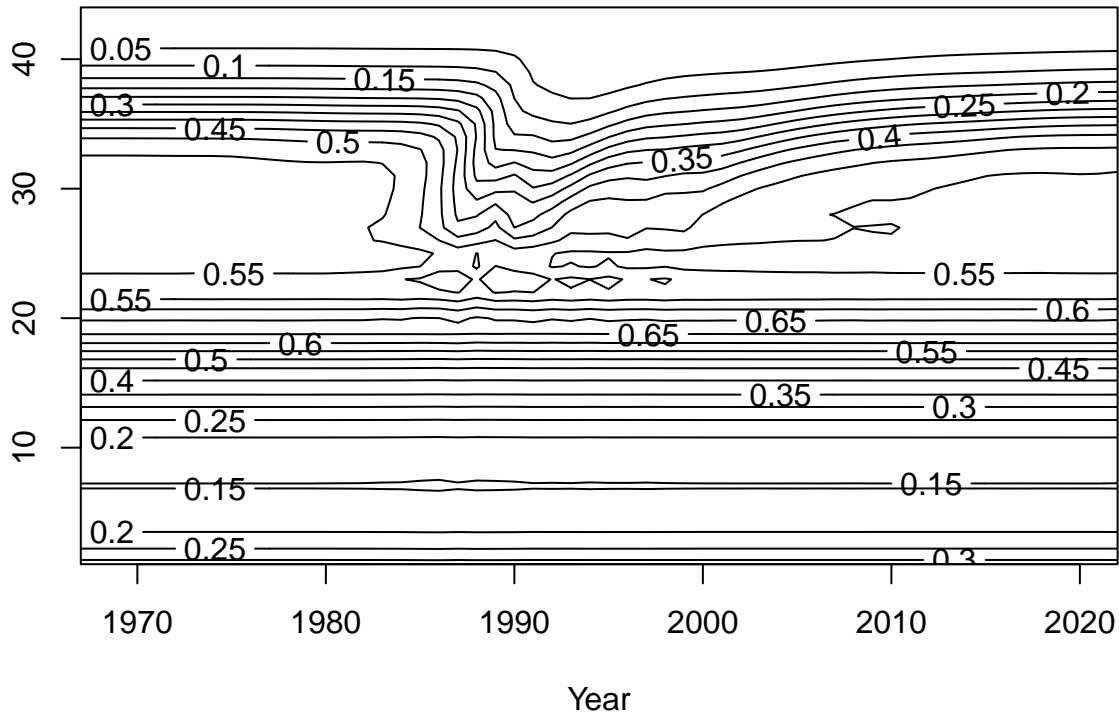


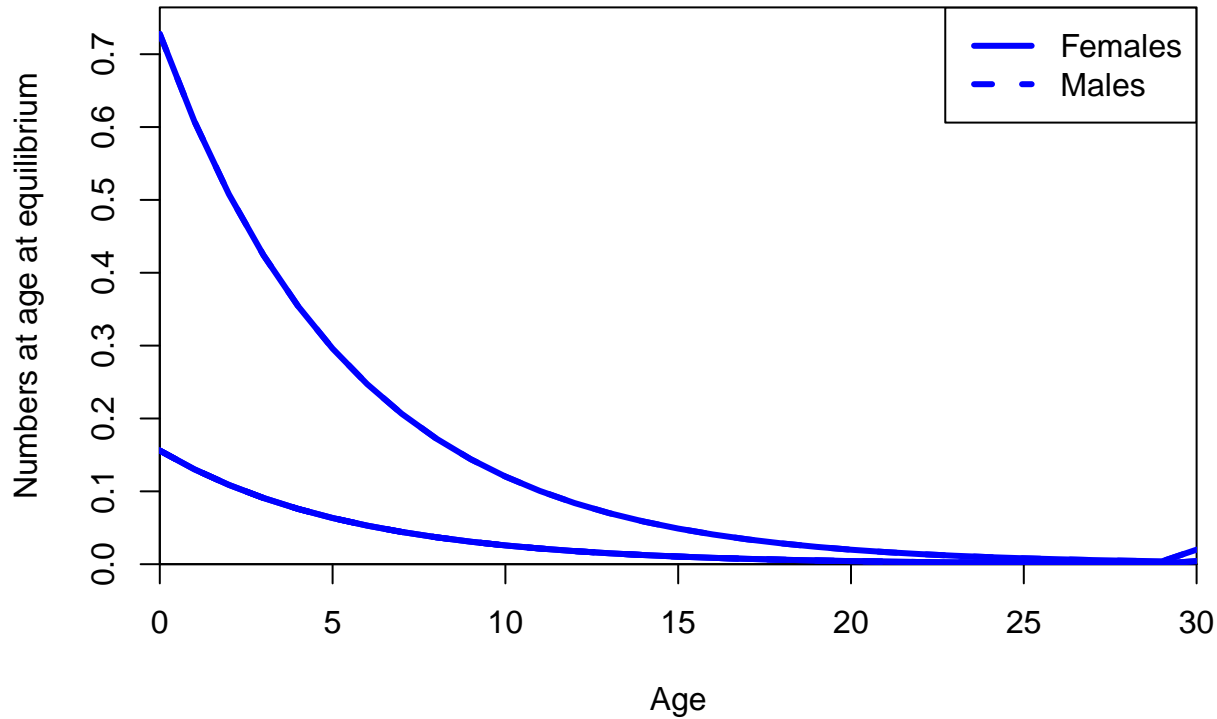






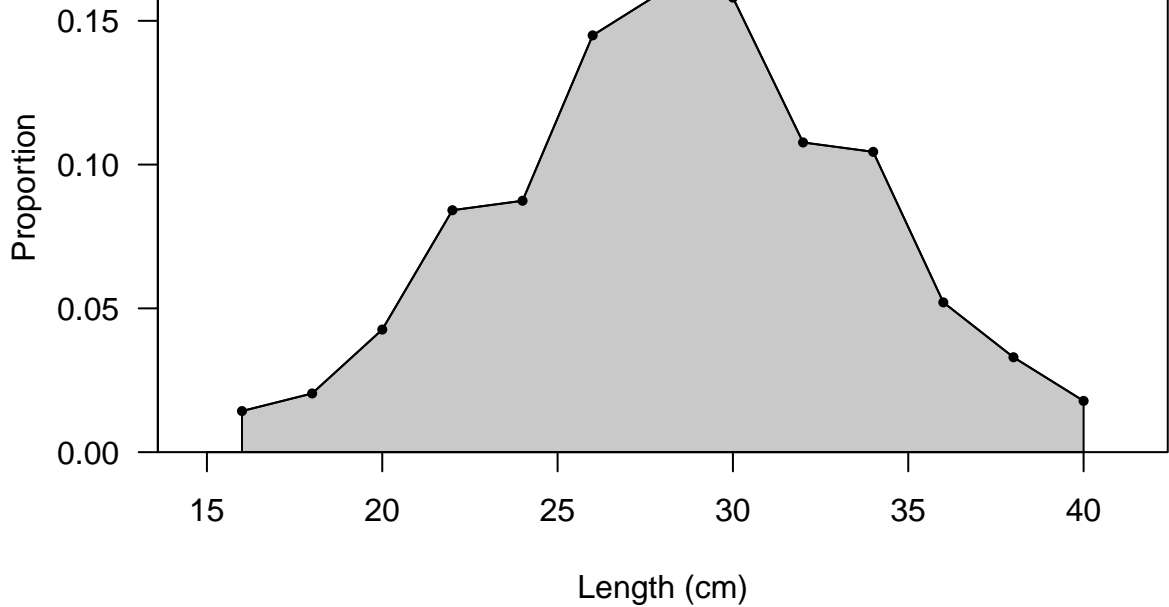
Length





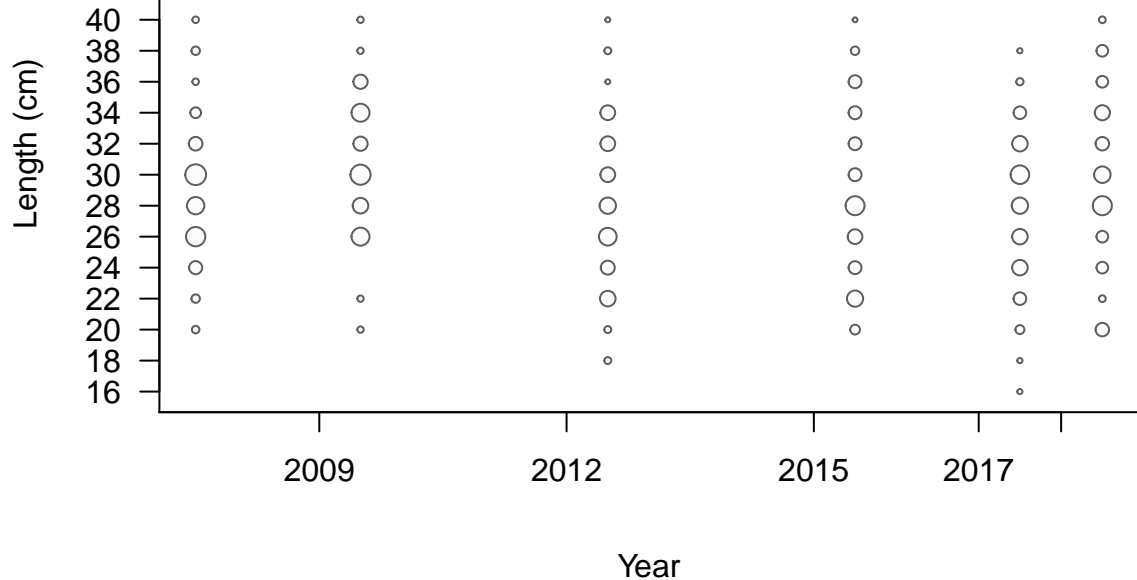
FISHERY

Sum of N adj.=308

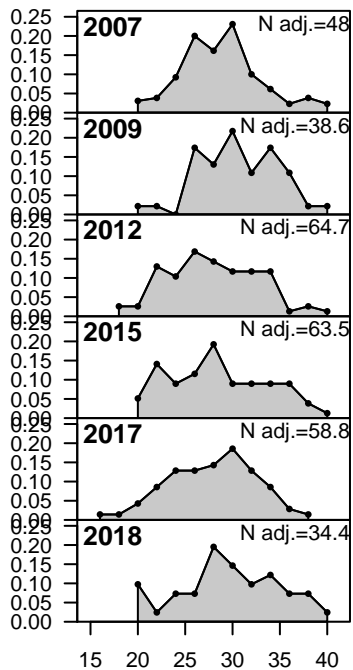


FISHERY

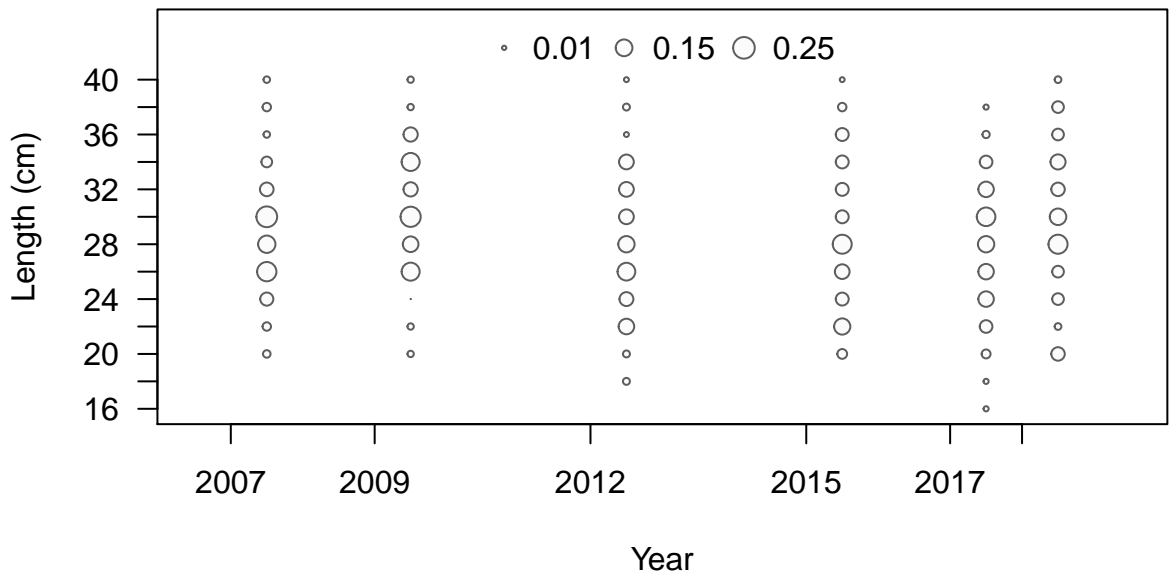
◦ 0.01 ○ 0.15 ○ 0.25



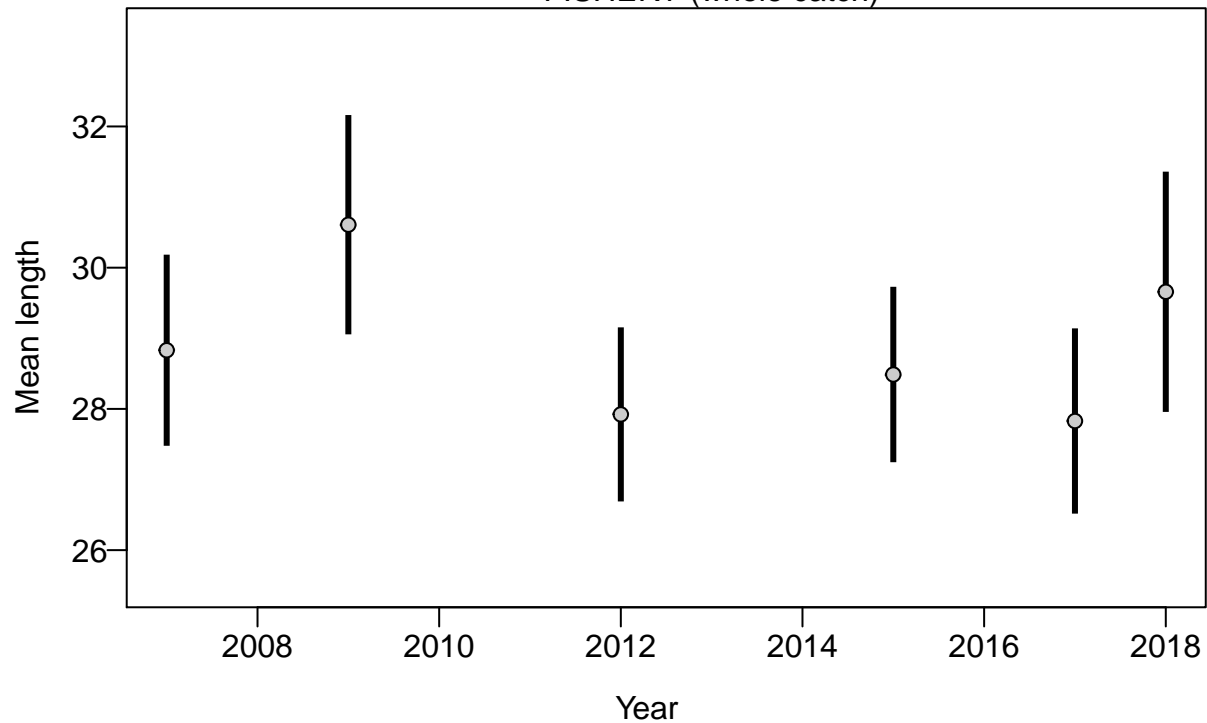
Proportion



Length (cm)

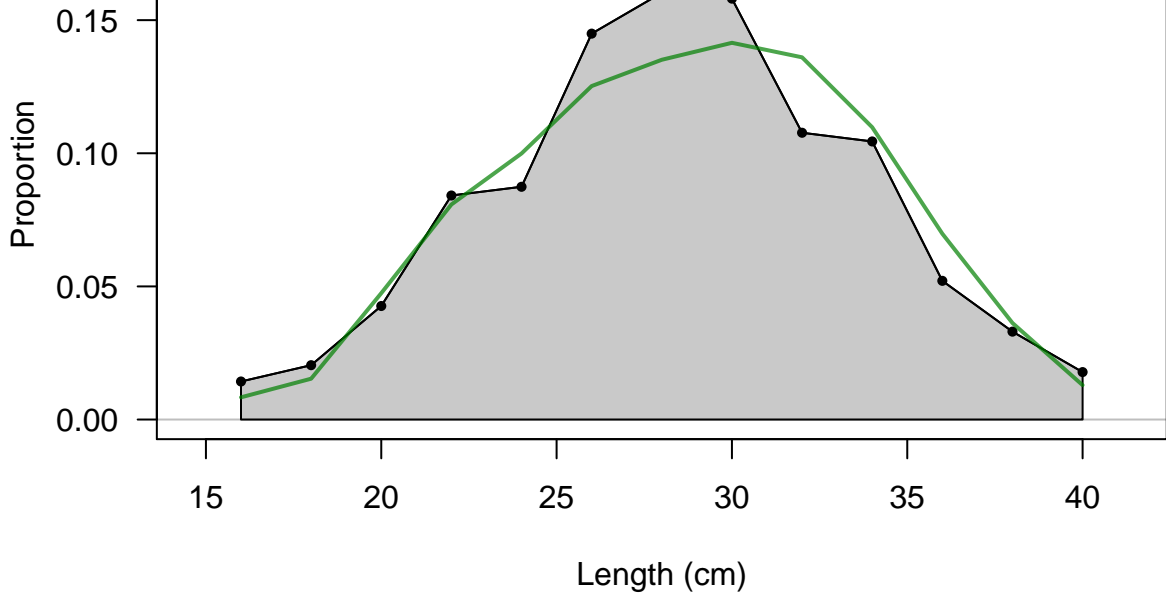


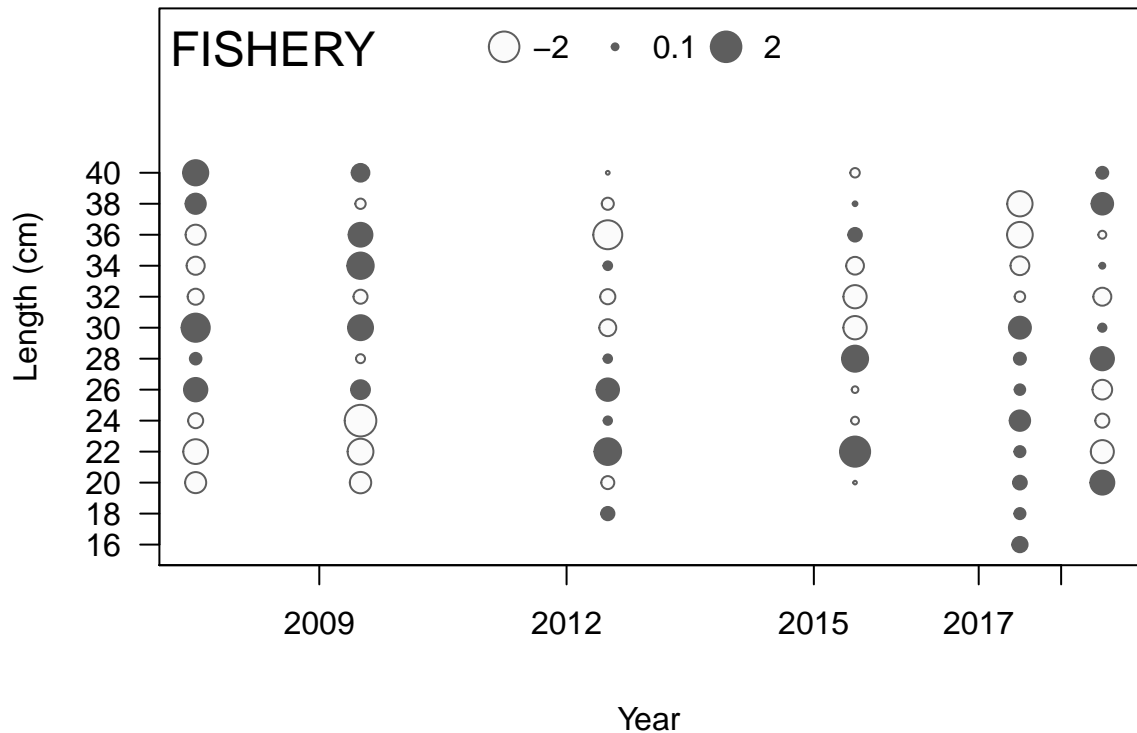
FISHERY (whole catch)



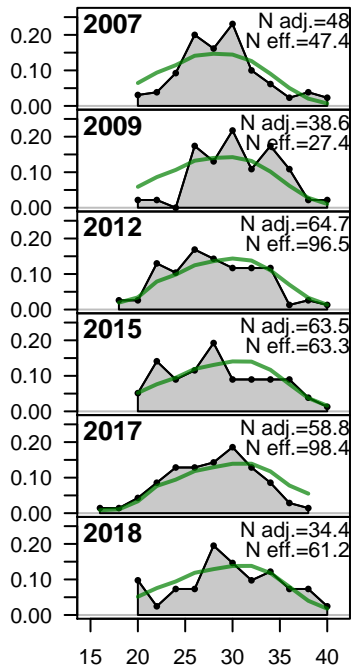
FISHERY

Sum of N adj.=308
Sum of N eff.=394.3

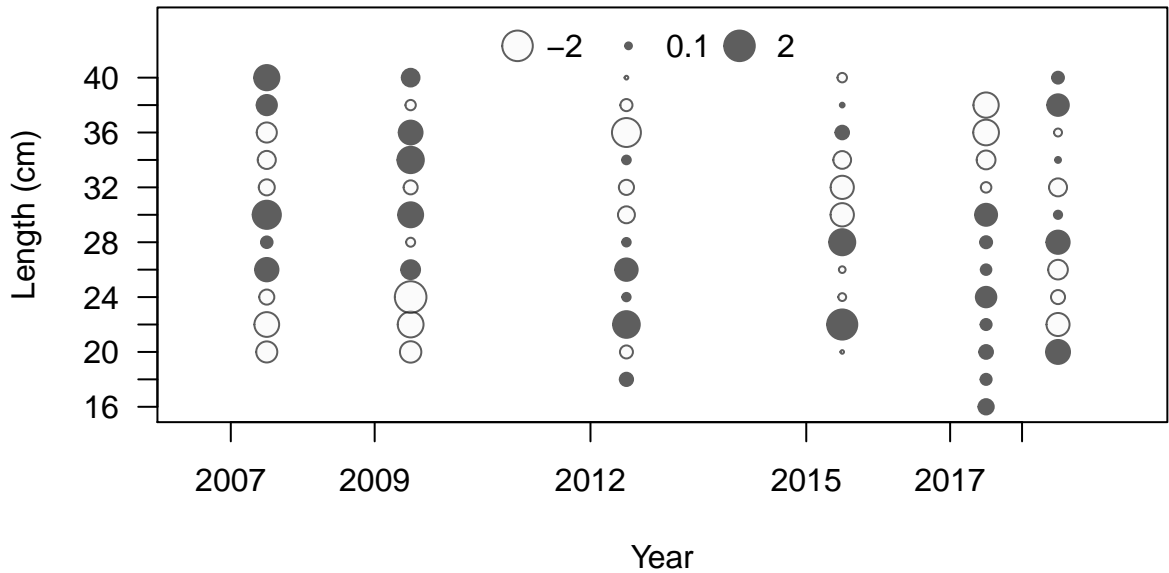




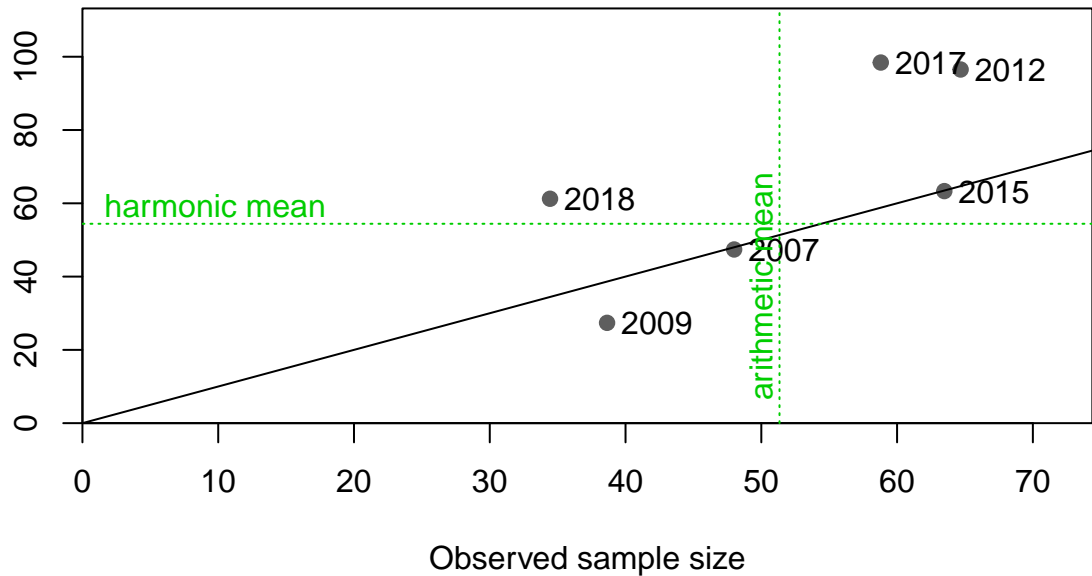
Proportion



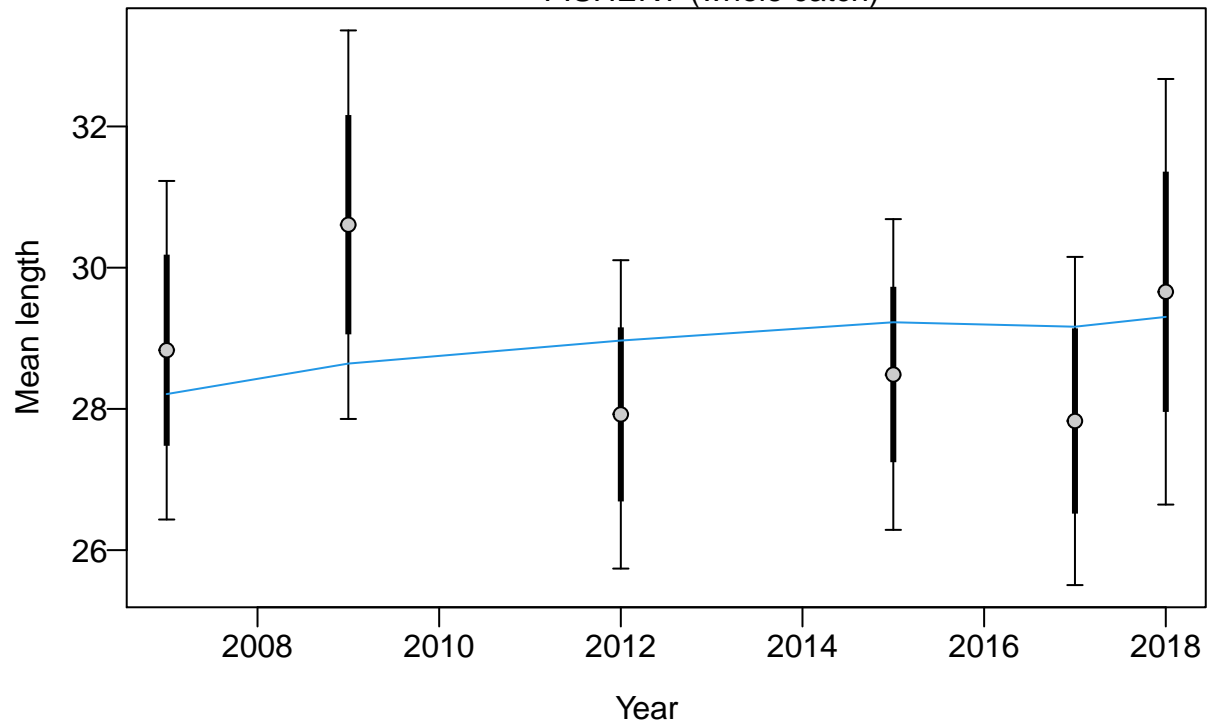
Length (cm)

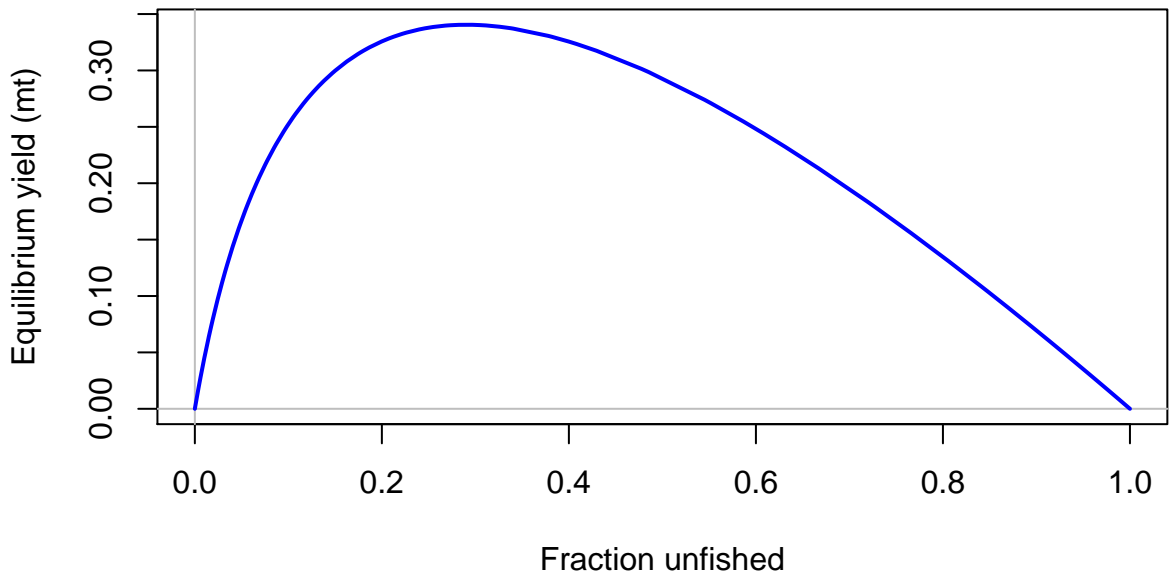


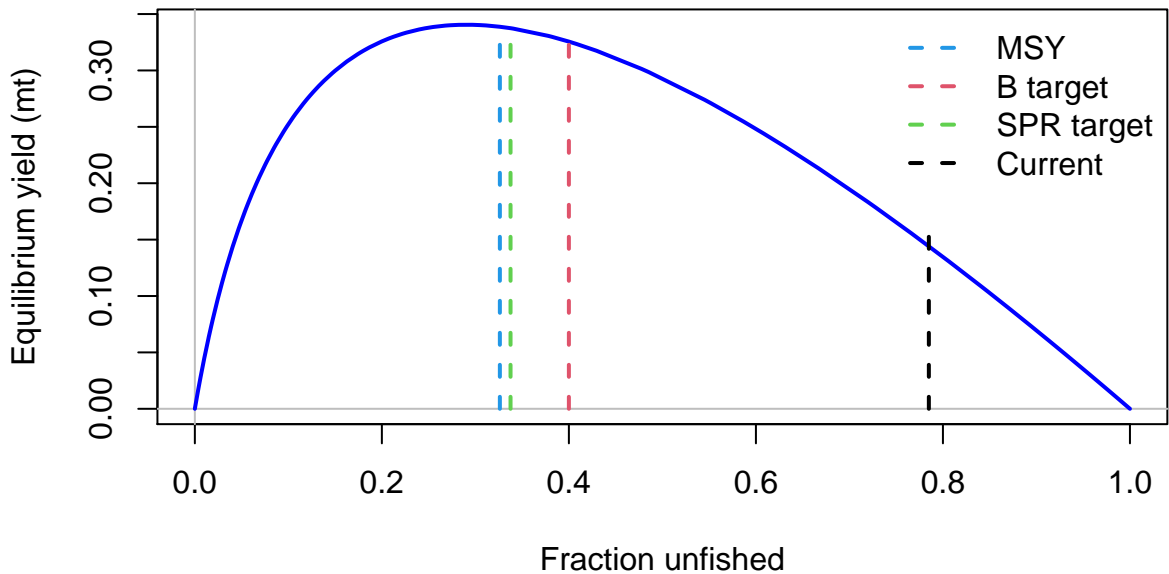
Effective sample size



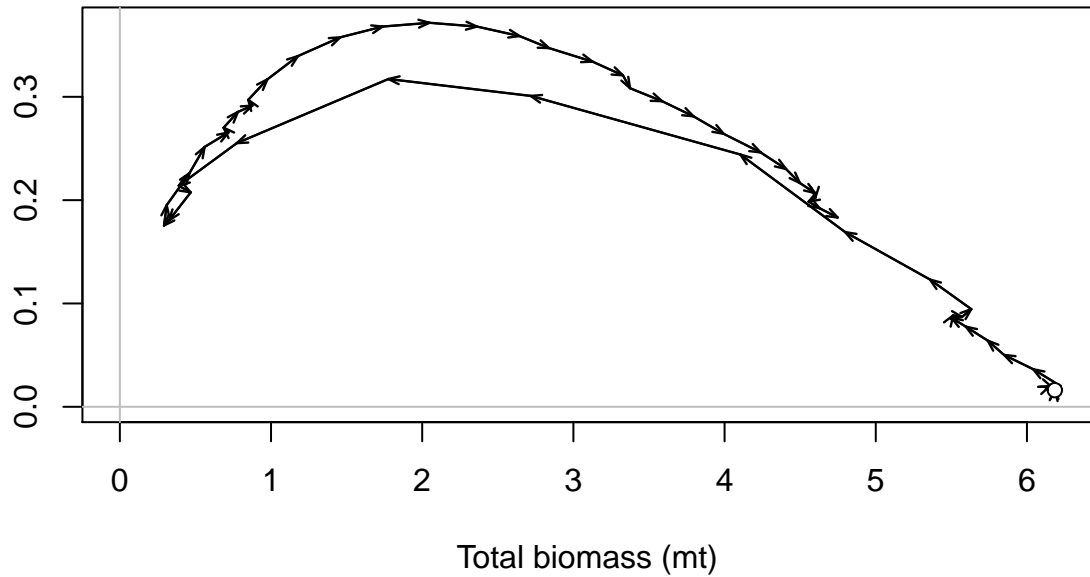
FISHERY (whole catch)

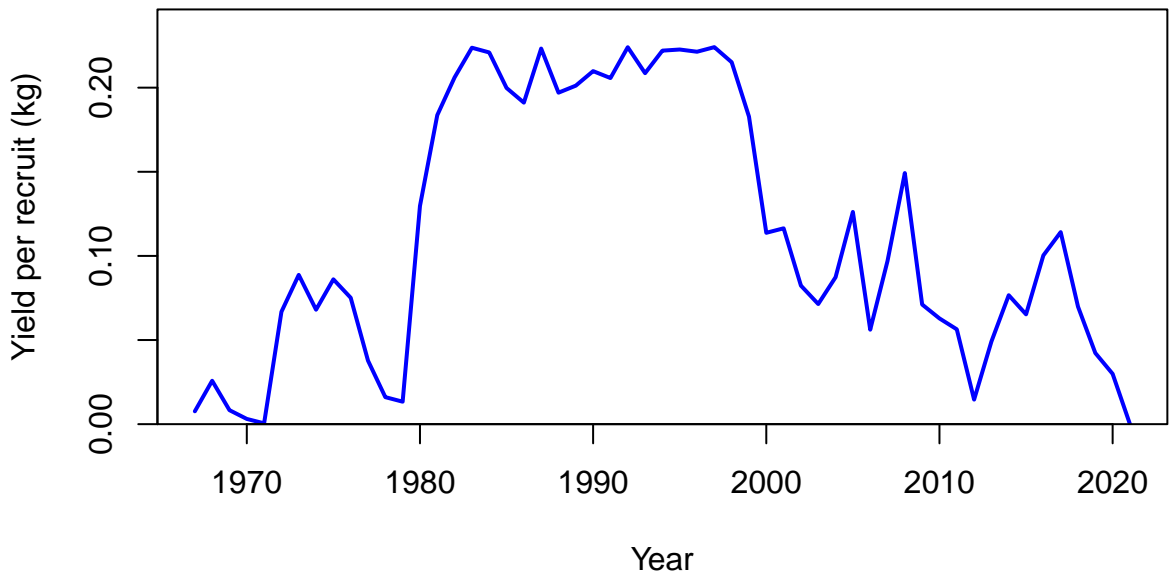


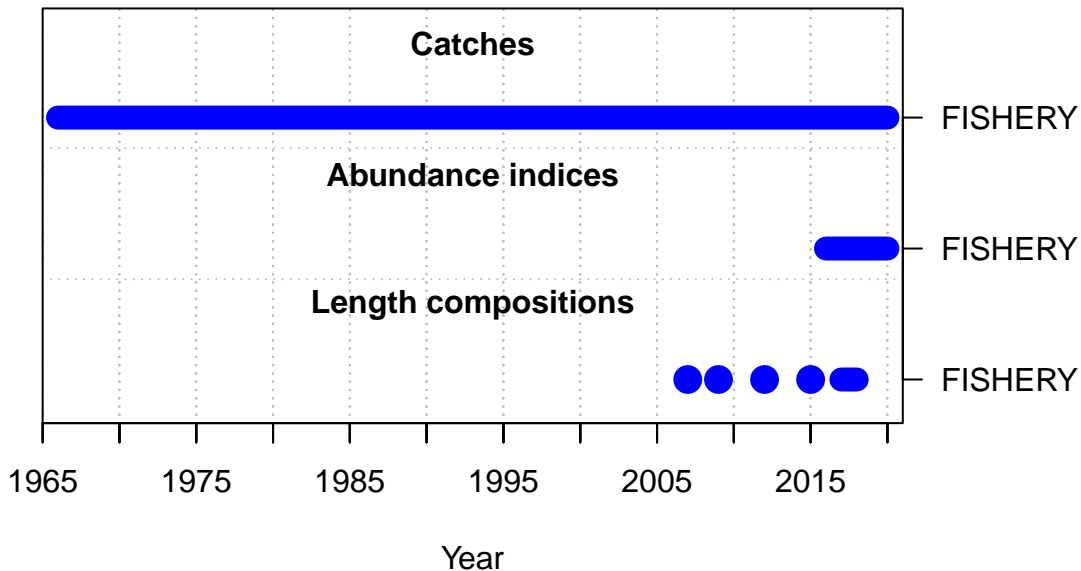


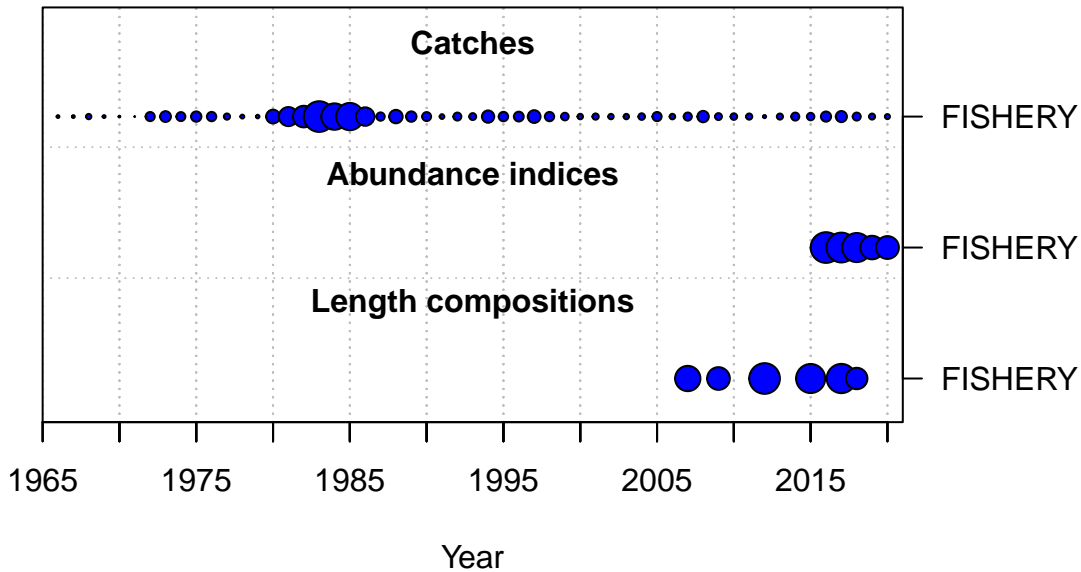


Surplus production (mt)





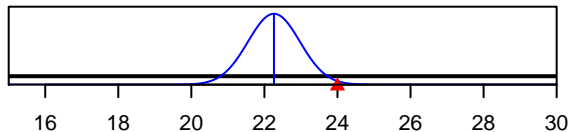




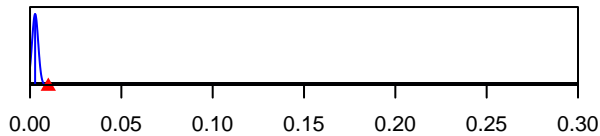
SR_LN(R0)



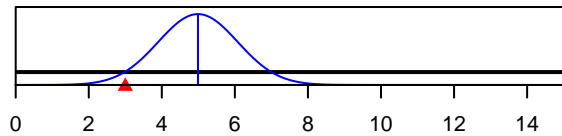
Size_inflection_FISHERY(1)



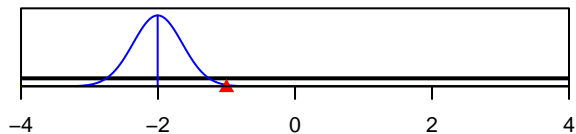
InitF_seas_1_flt_1FISHERY



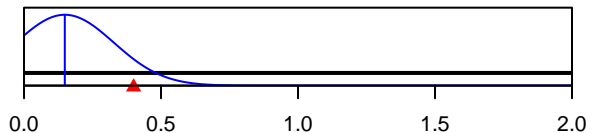
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value