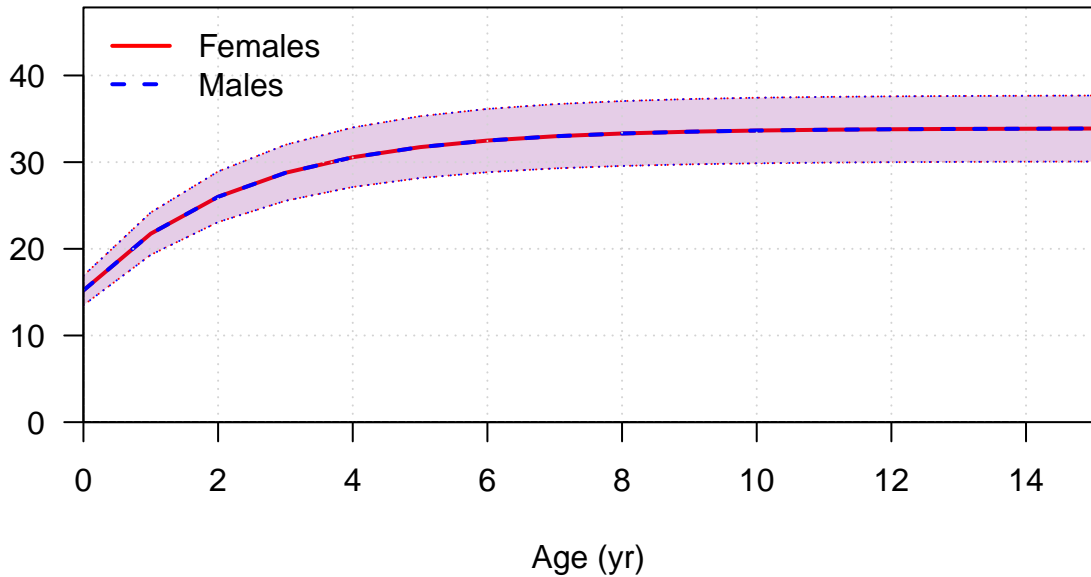
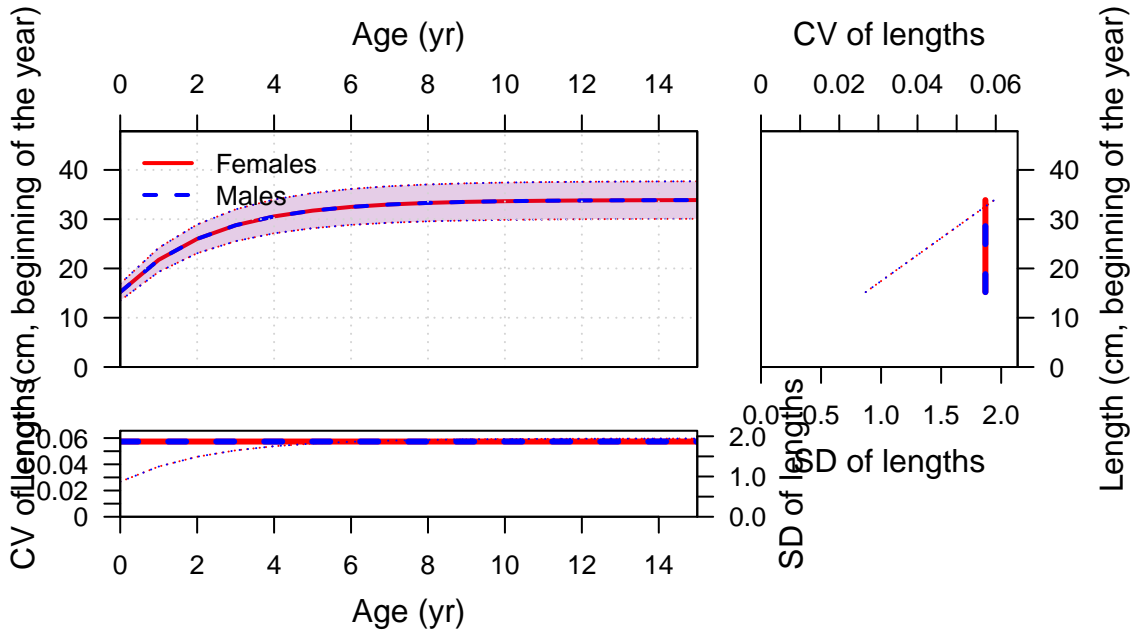
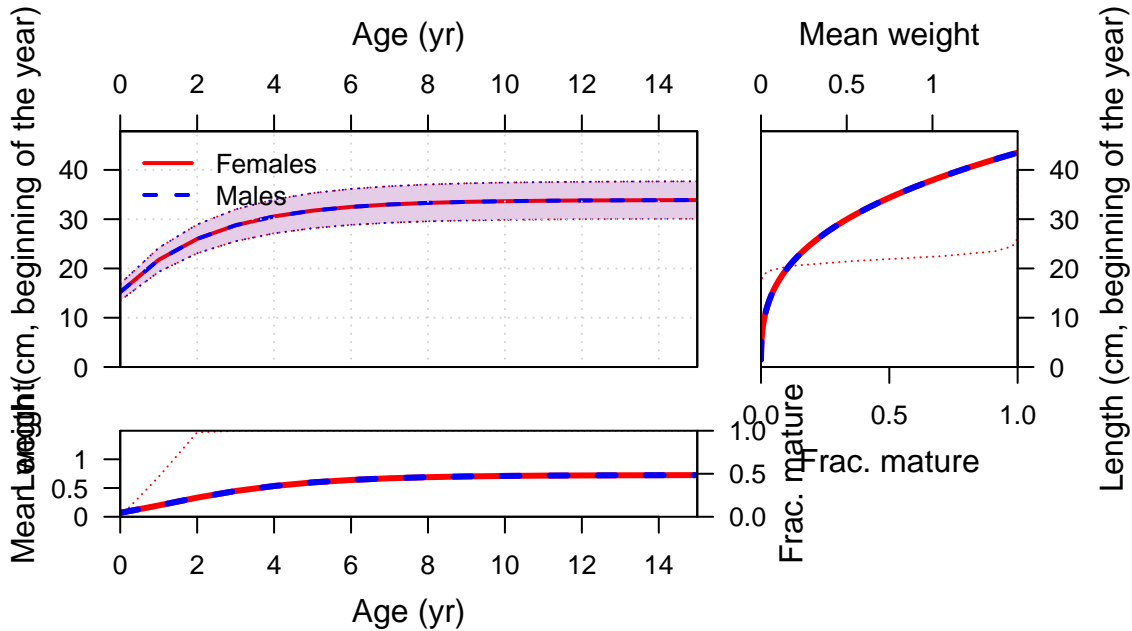


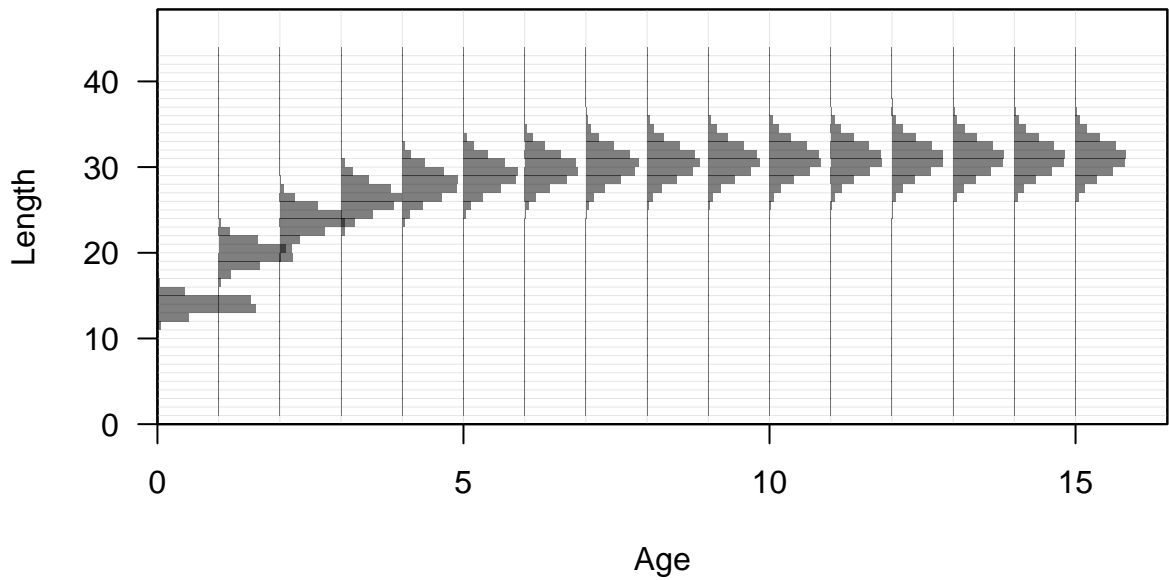
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Dec 27 09:23:33 2022
Data_File: data.ss
Control_File: control.ss

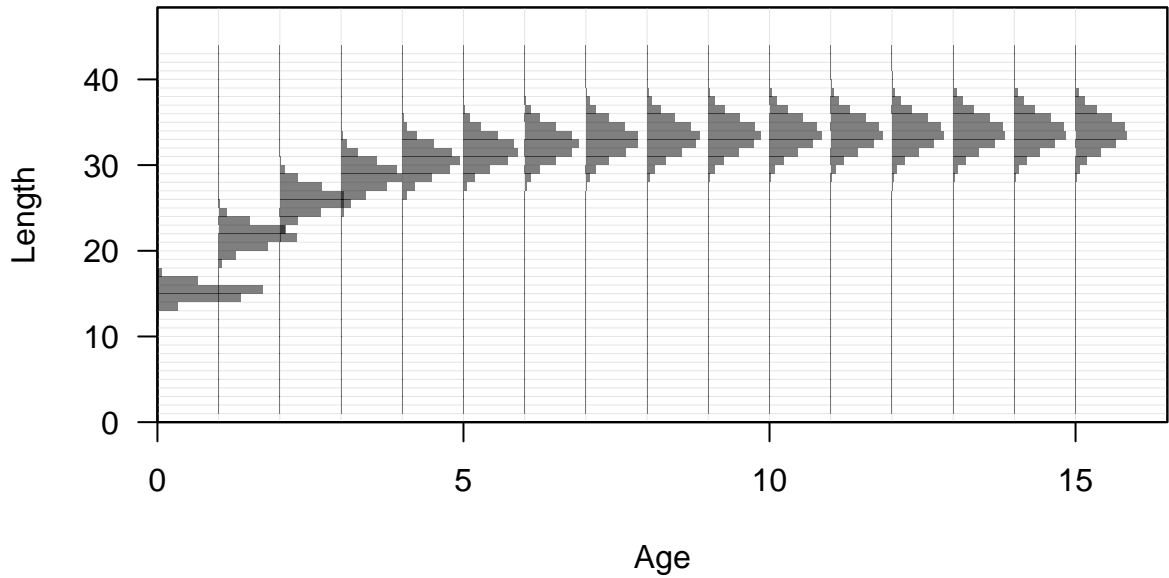
Length (cm, beginning of the year)

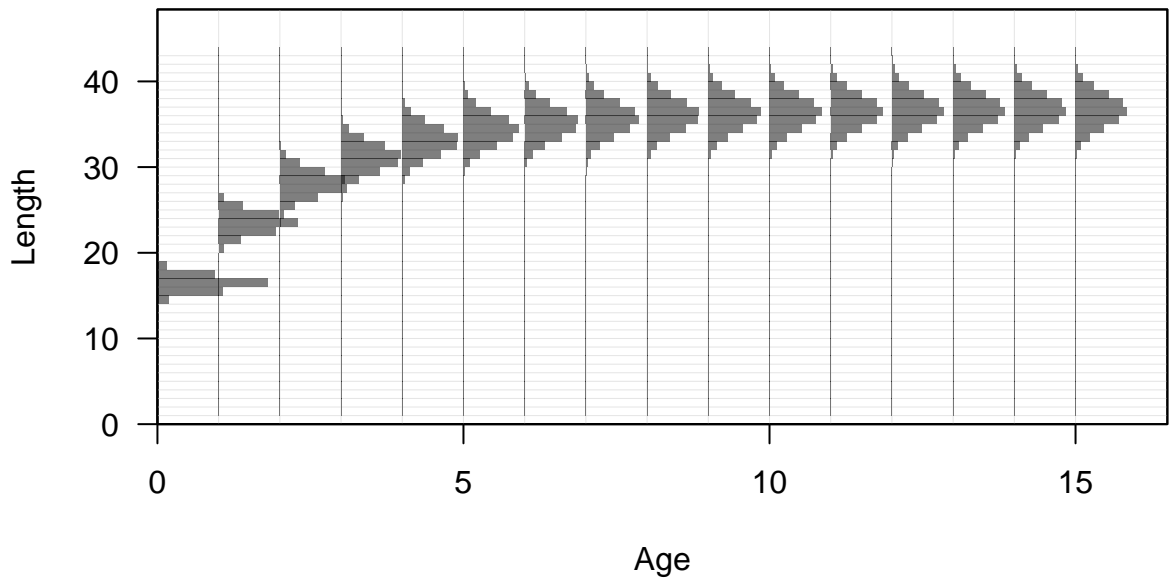


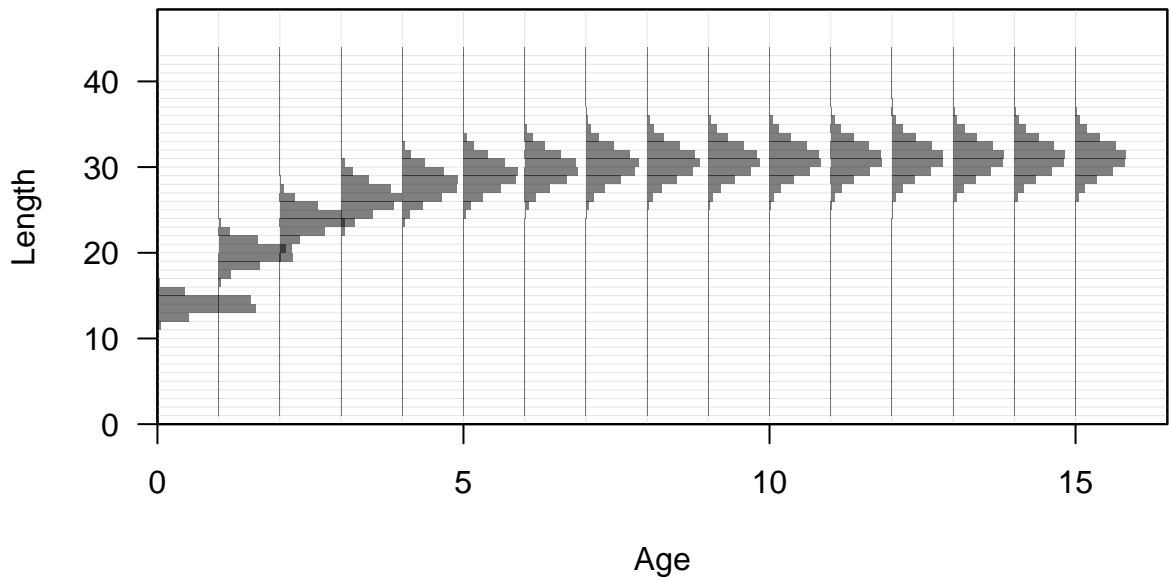


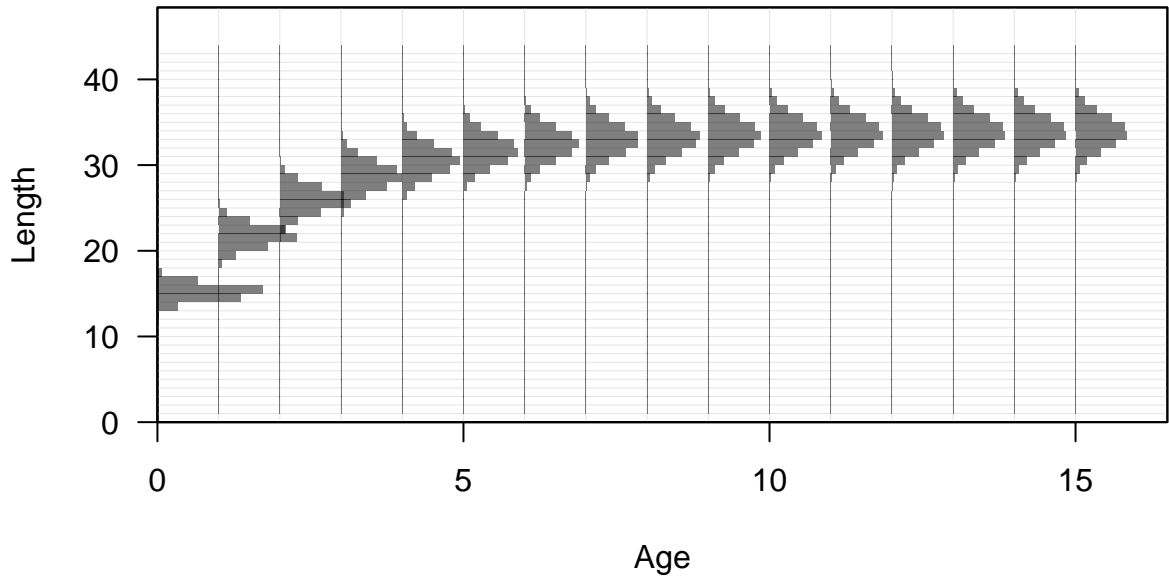


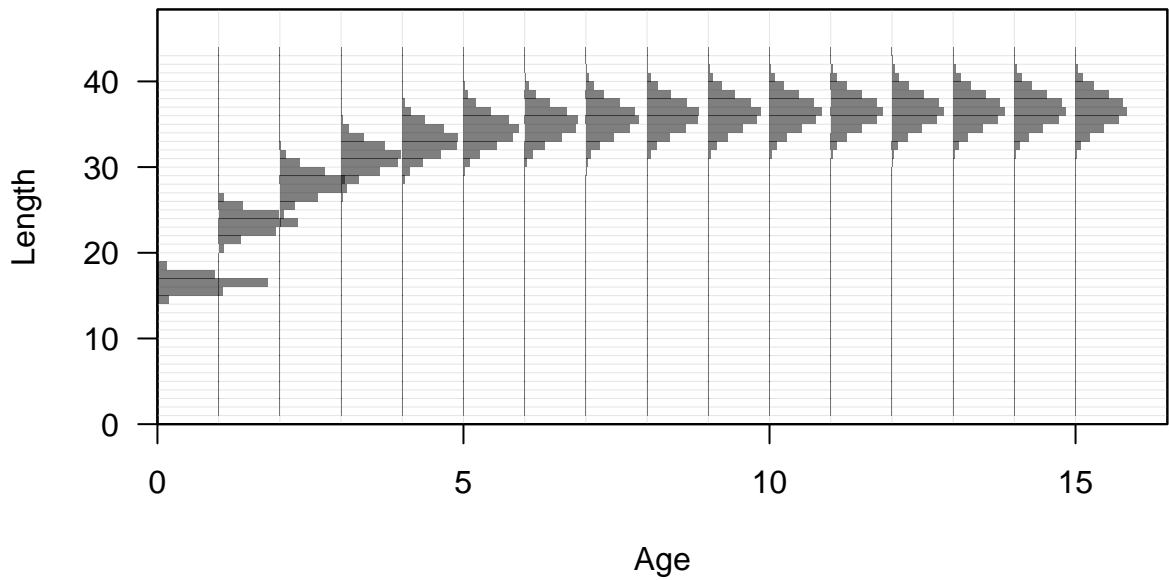


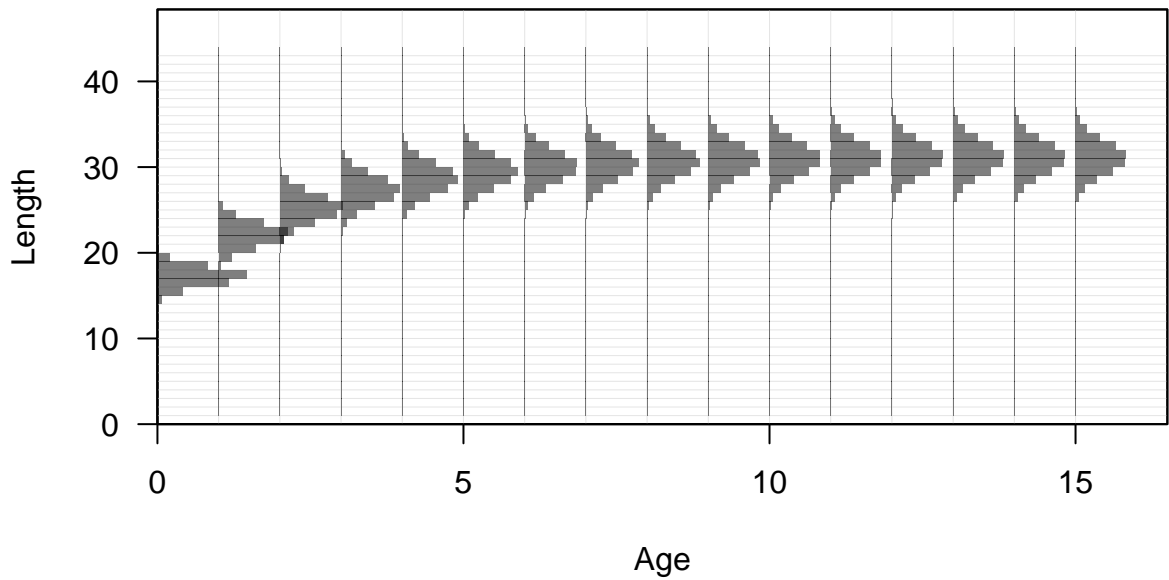


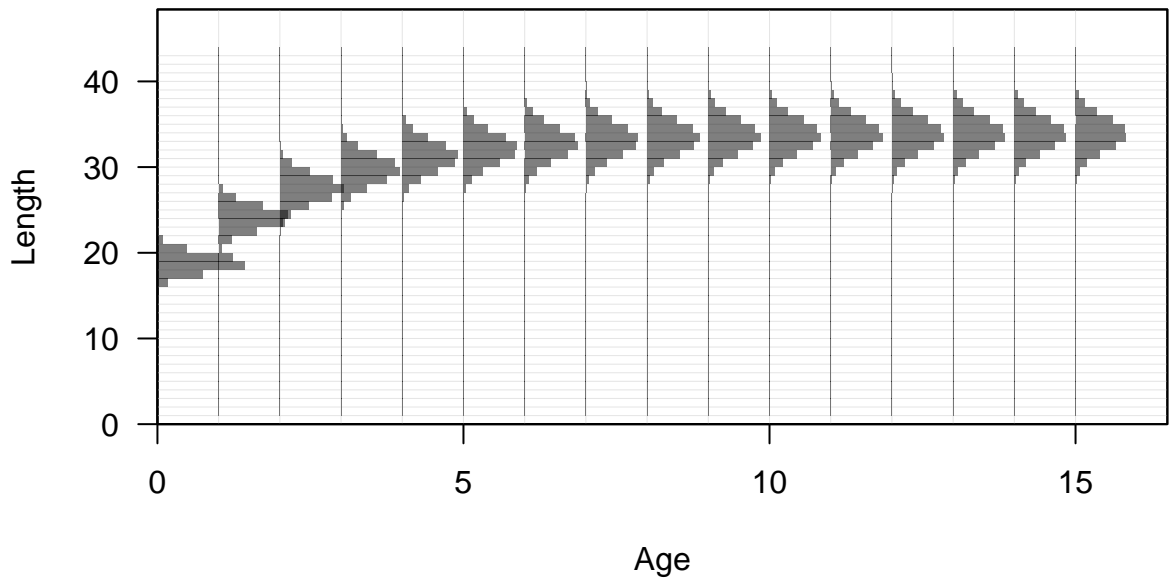


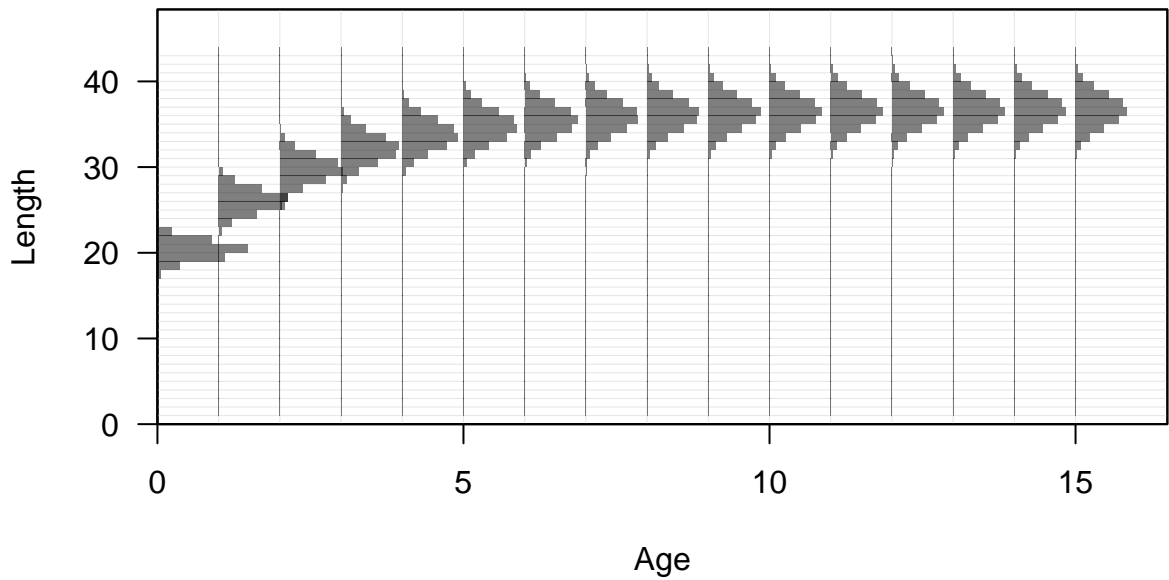


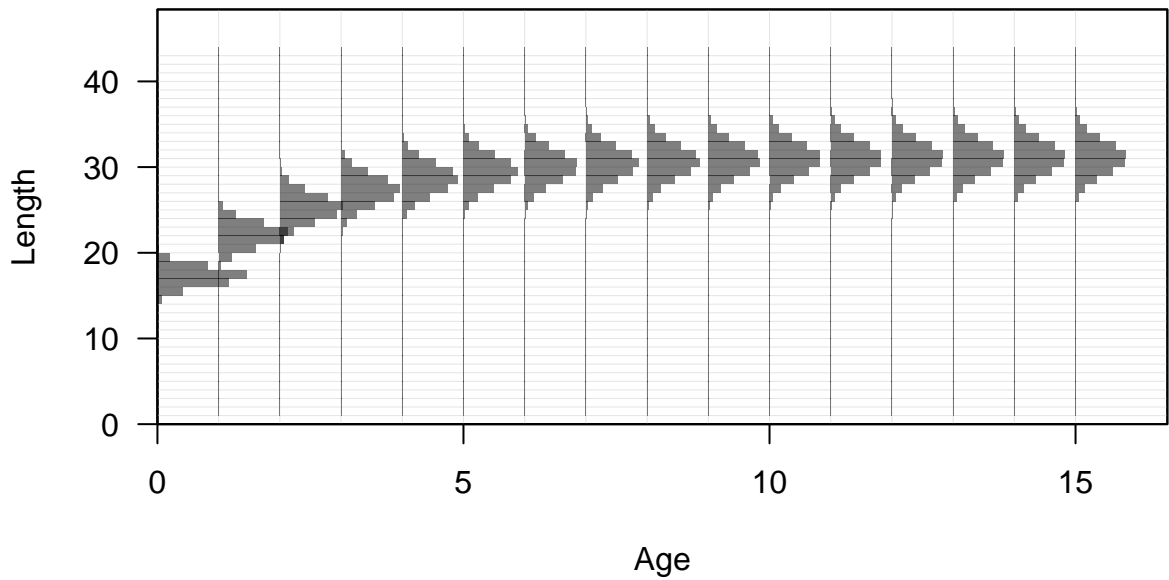


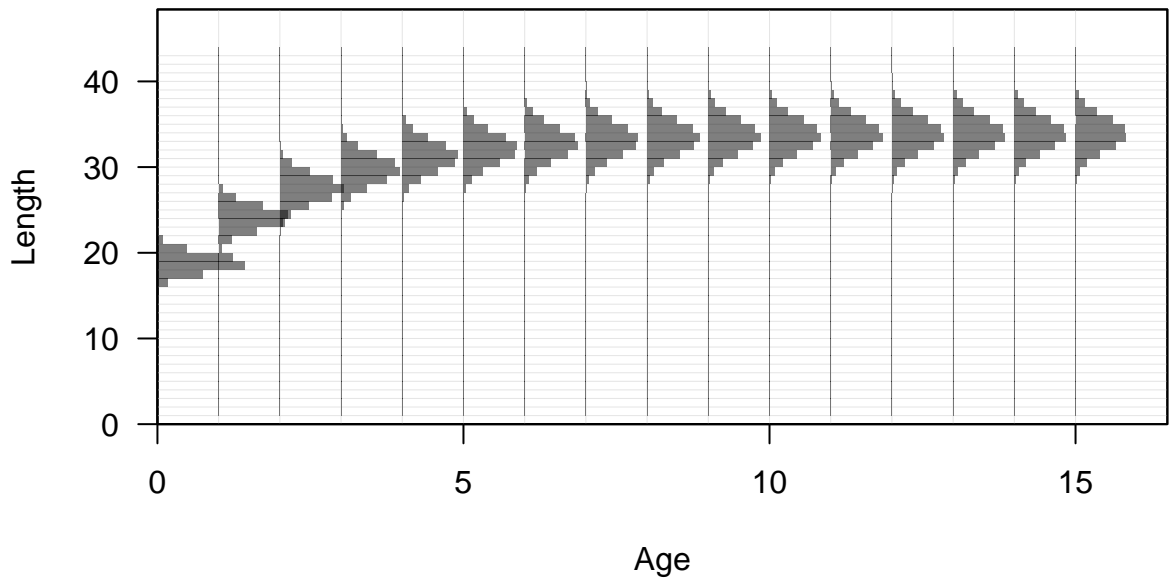


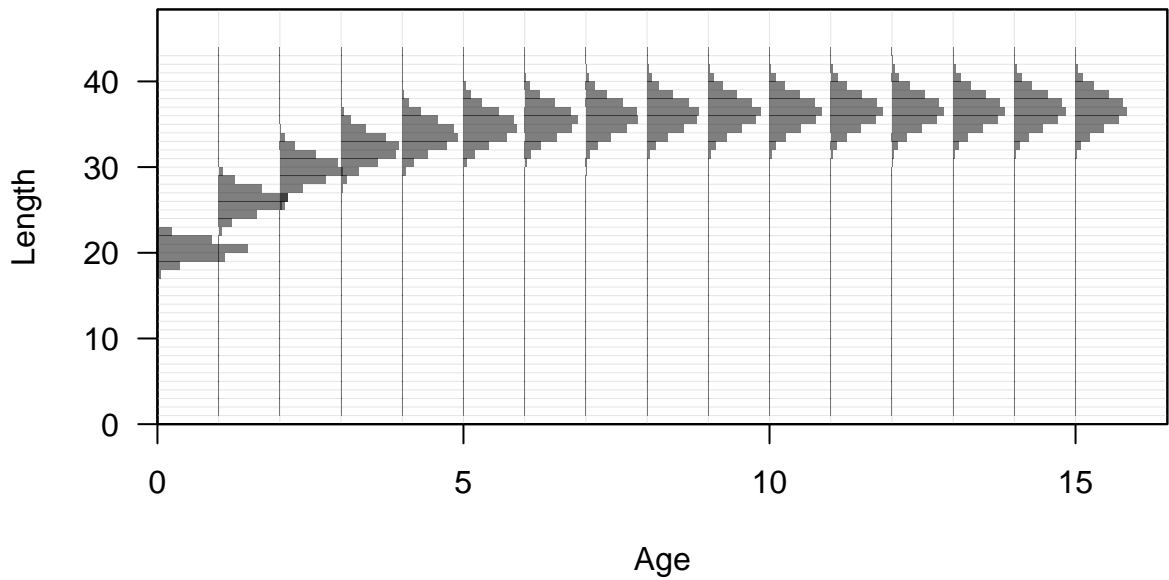


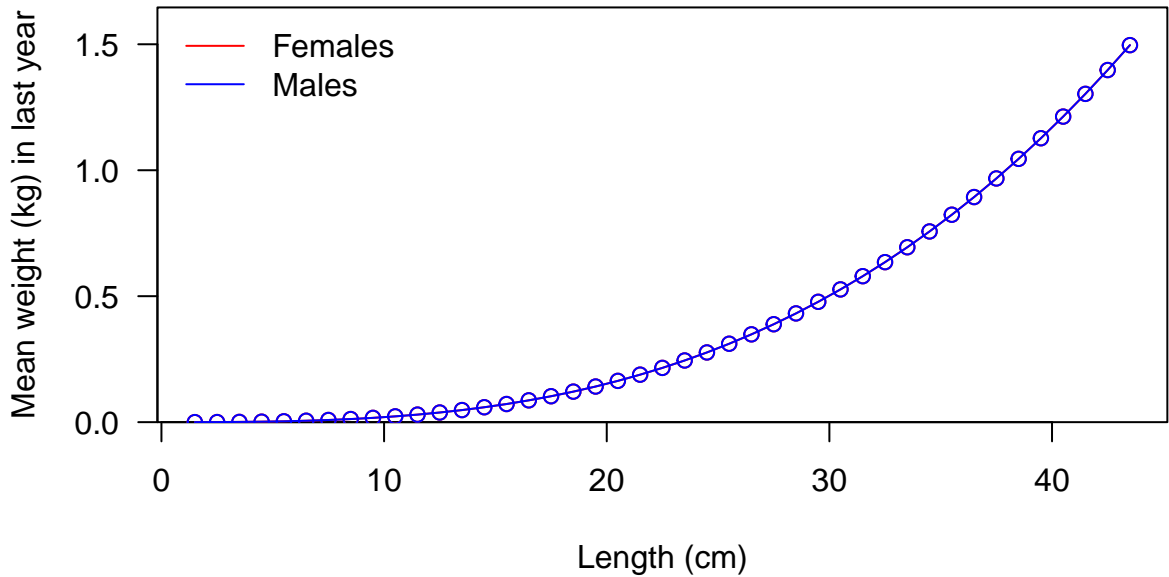


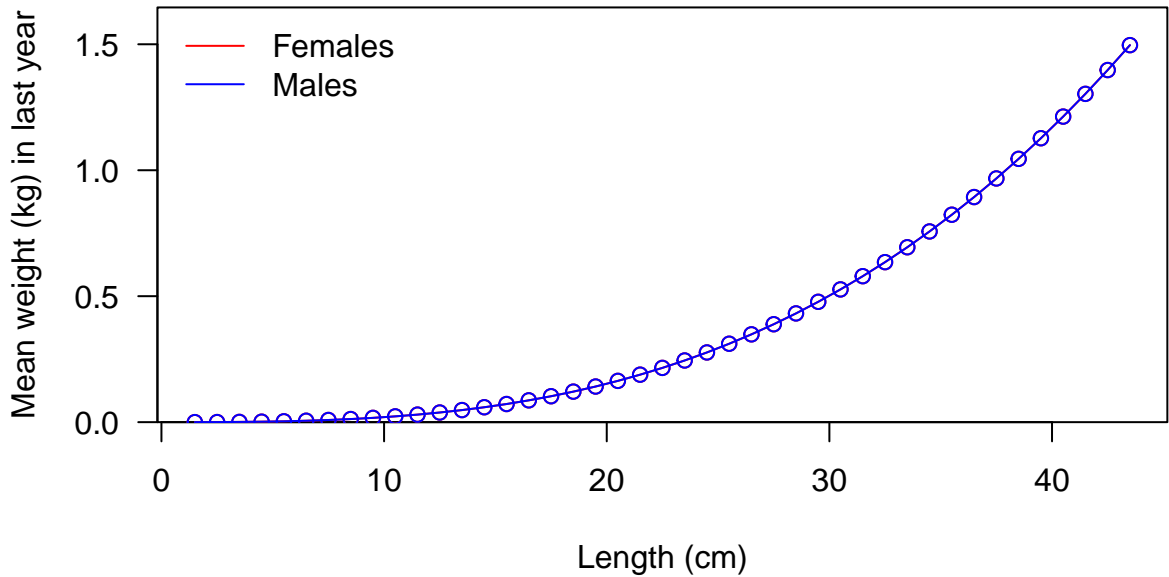


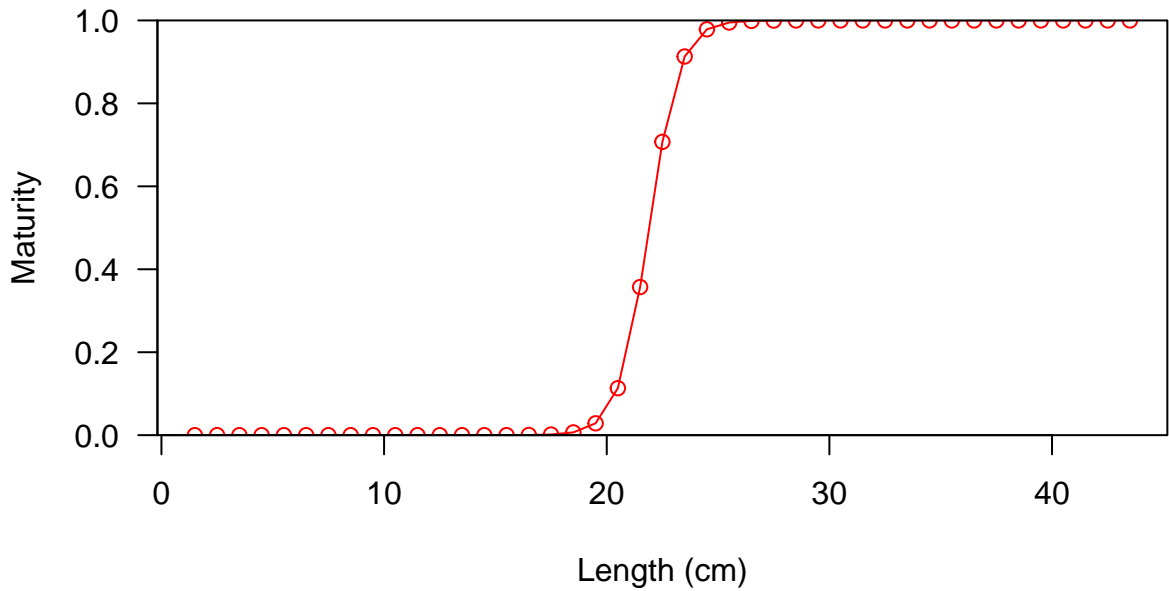


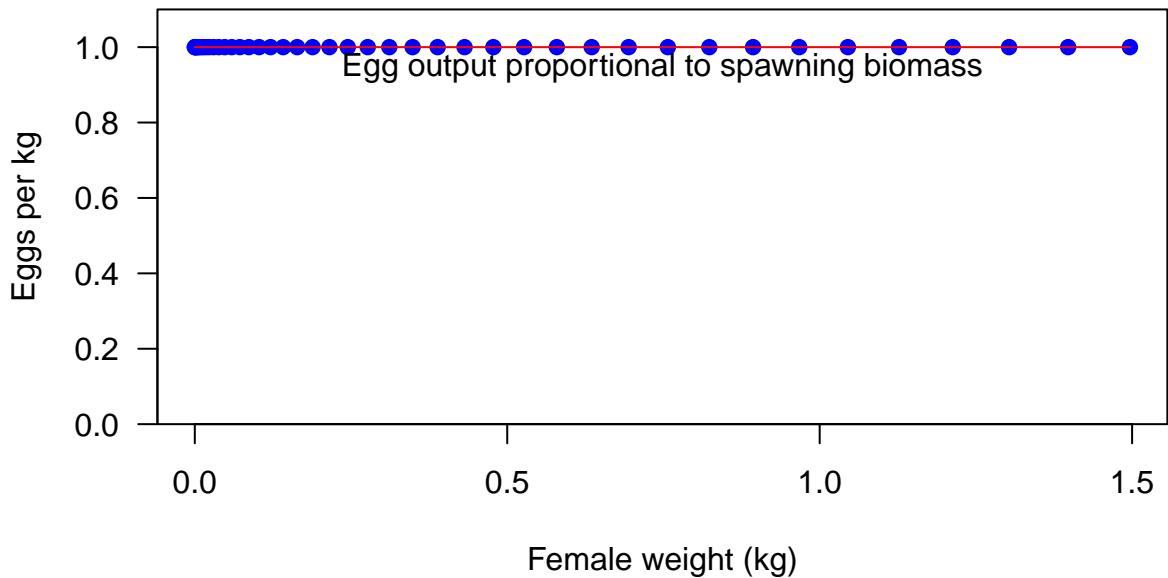


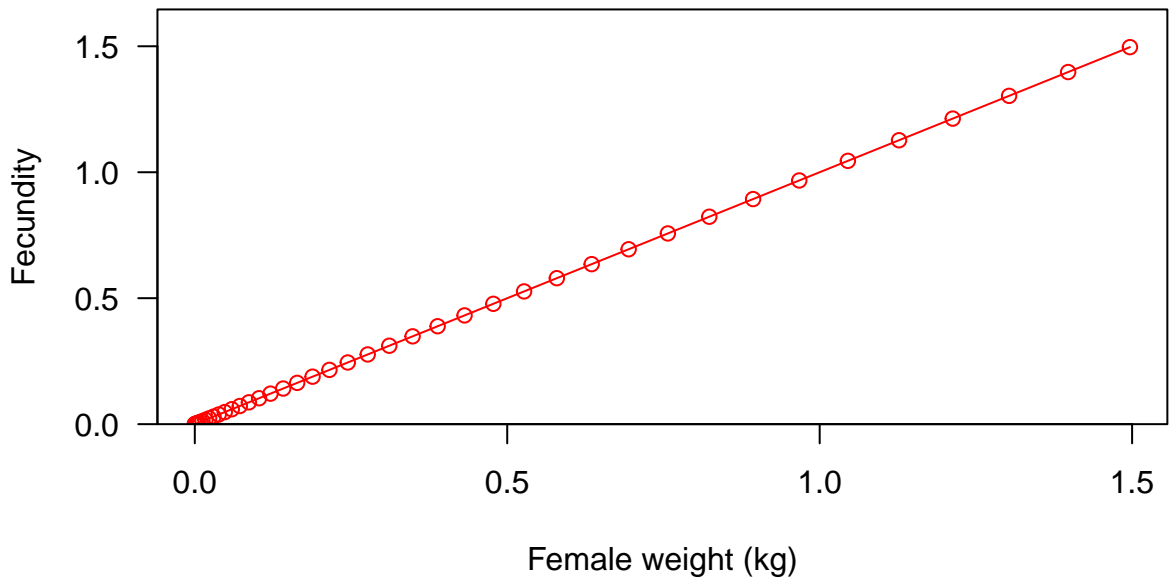


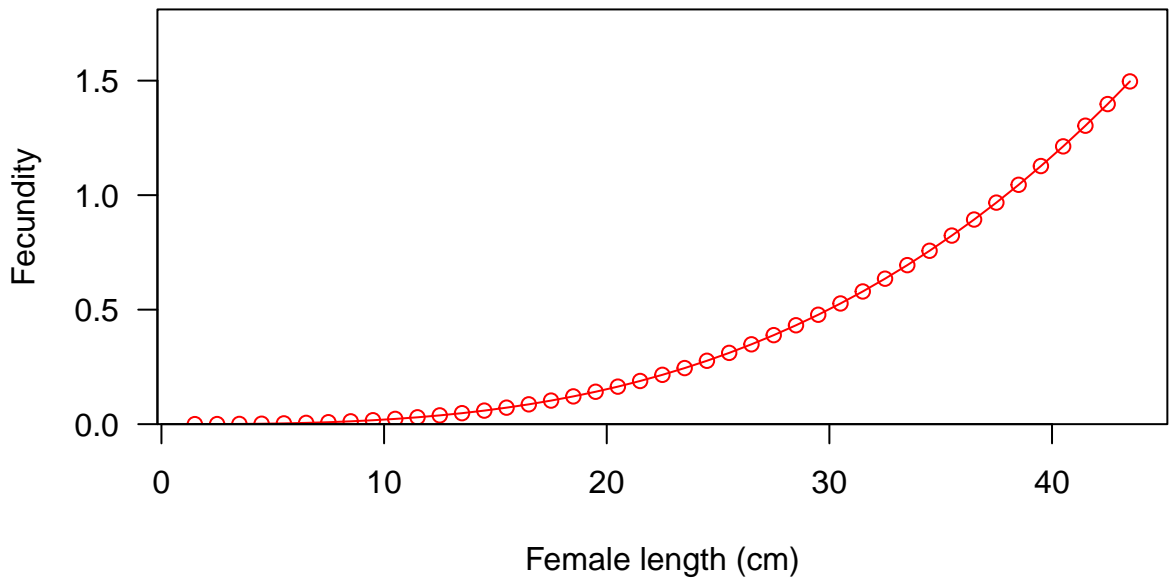




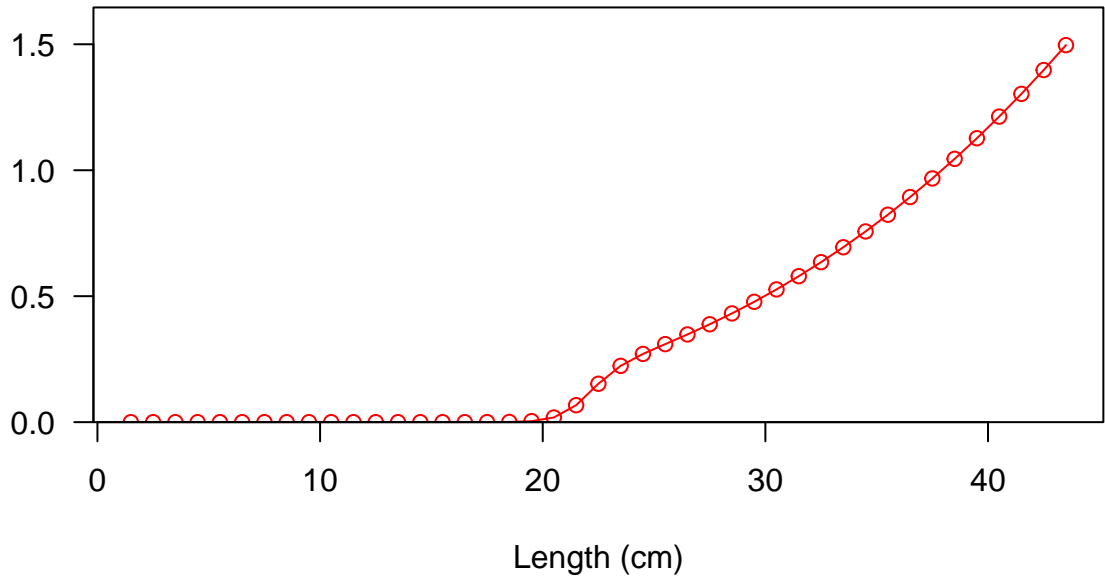


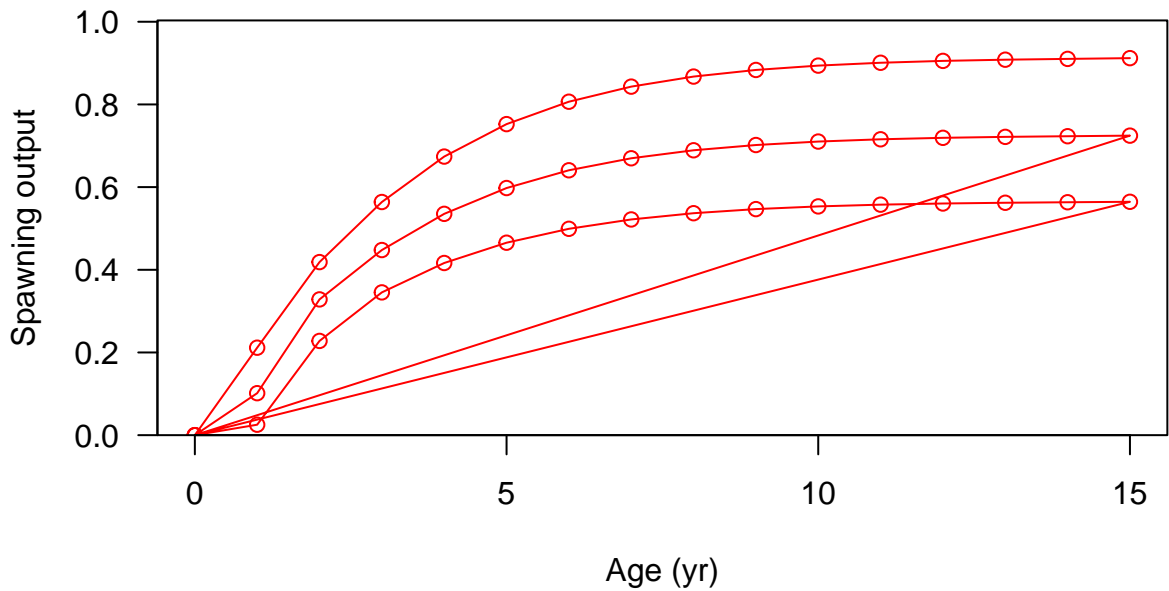




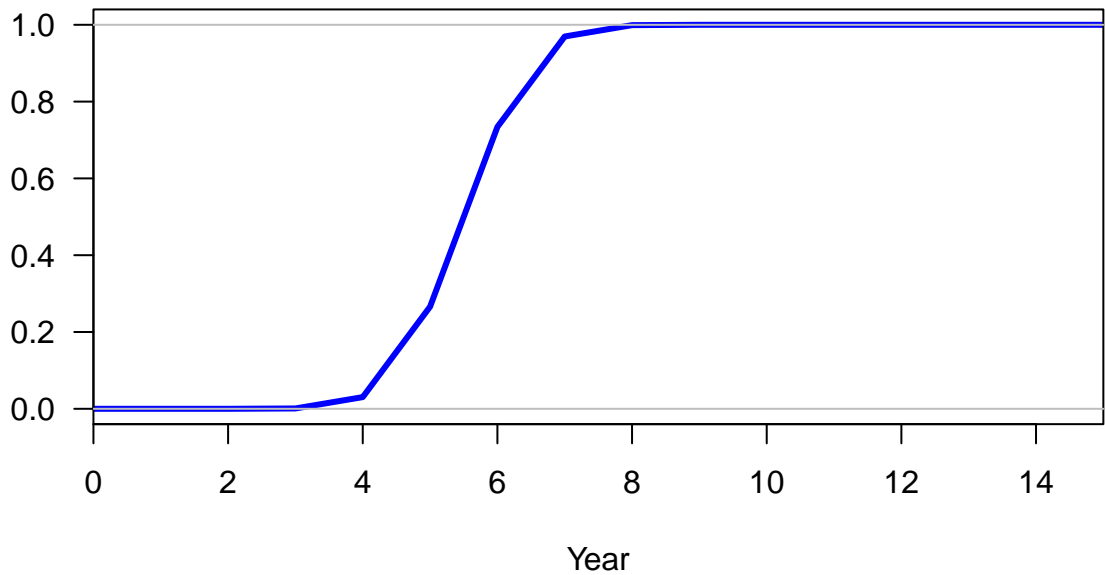


Spawning output

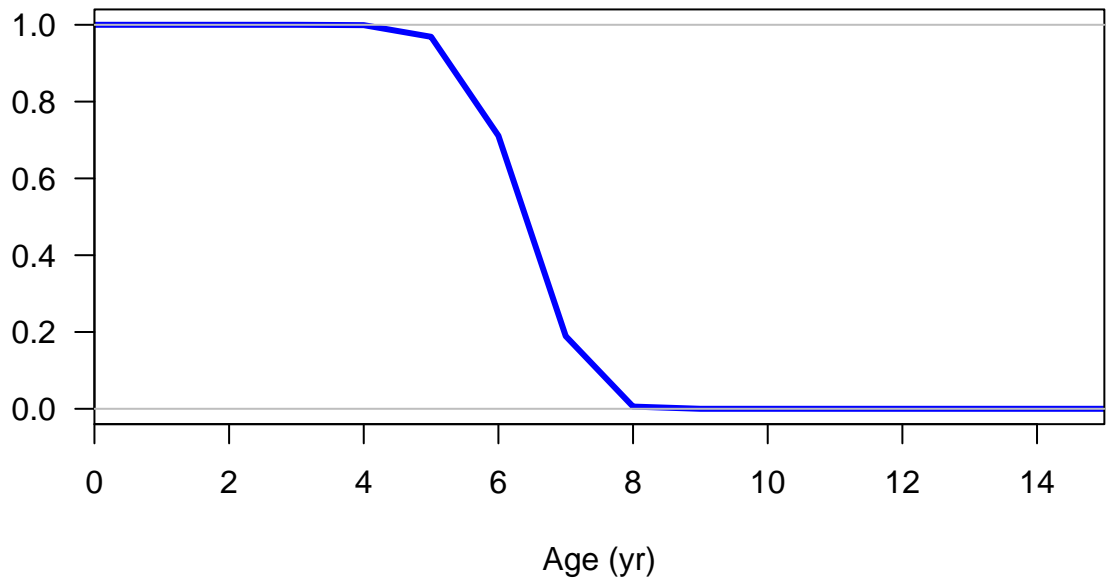




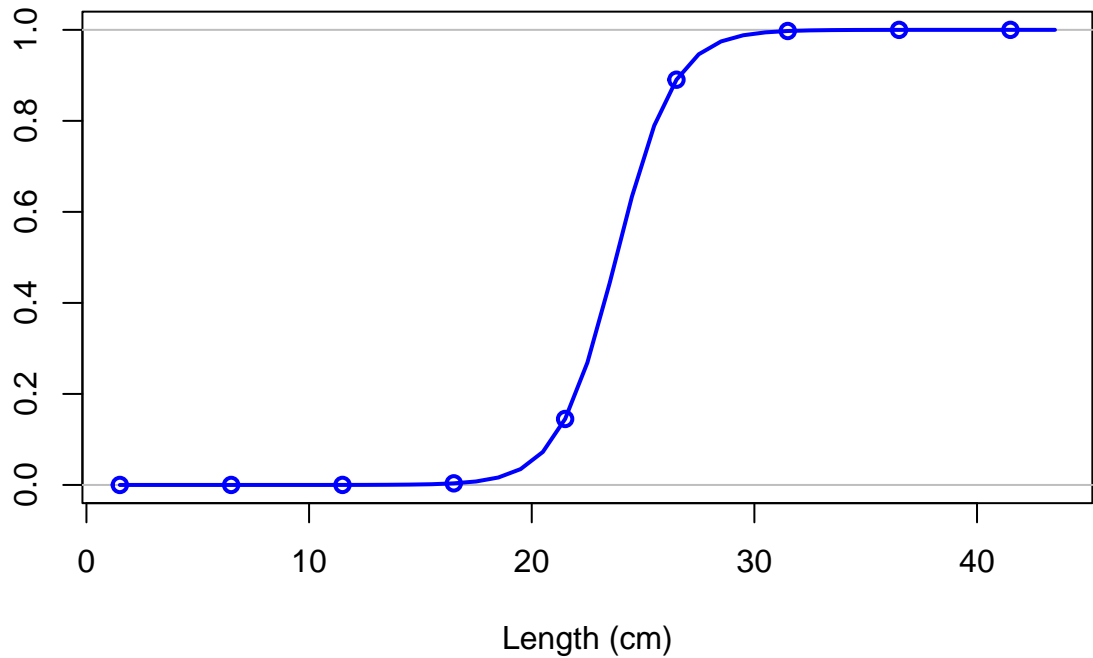
Hermaphroditism transition rate



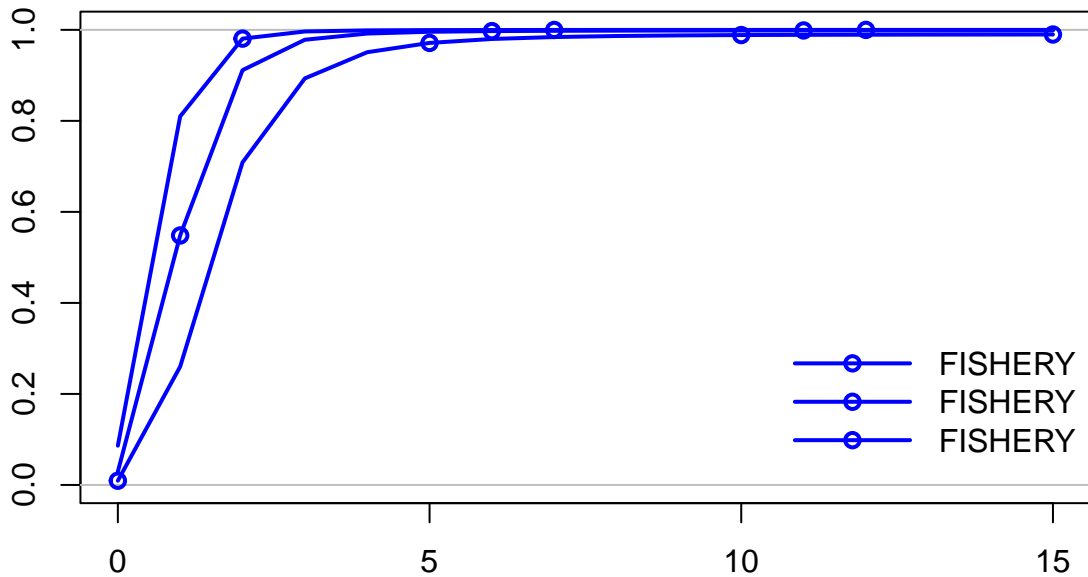
Fraction females by age at equilibrium



Selectivity

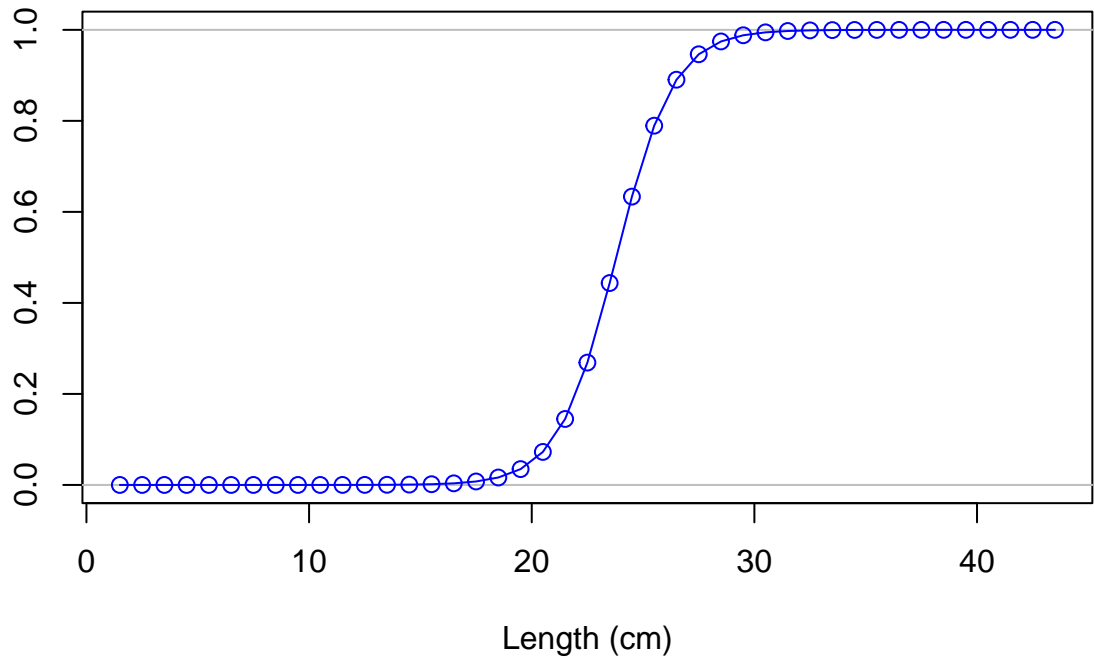


Selectivity

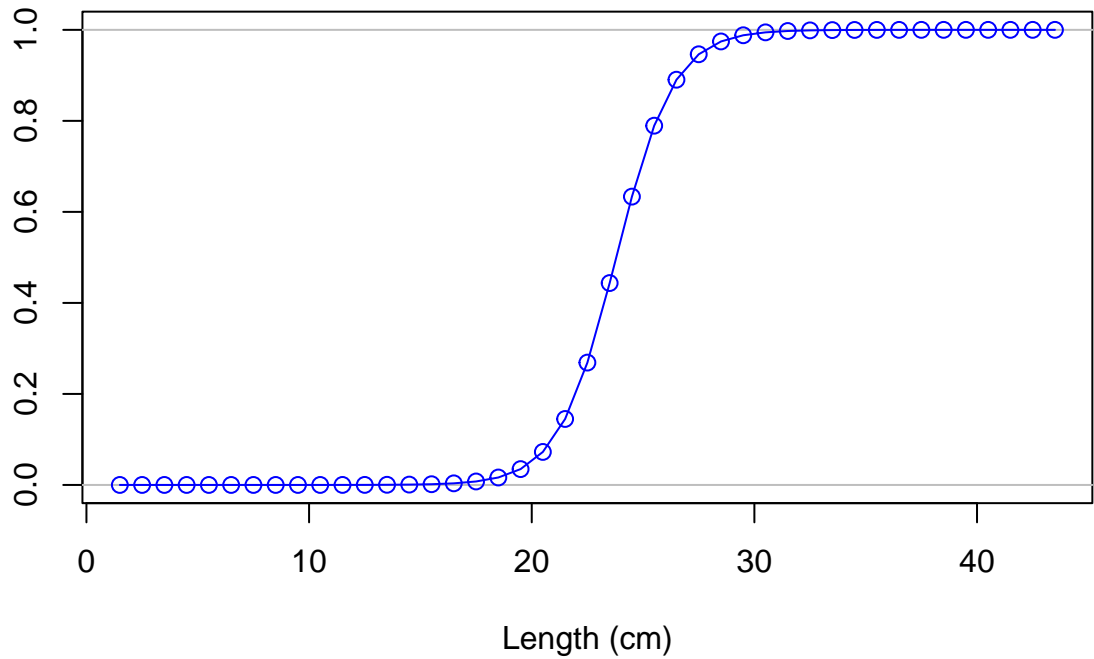


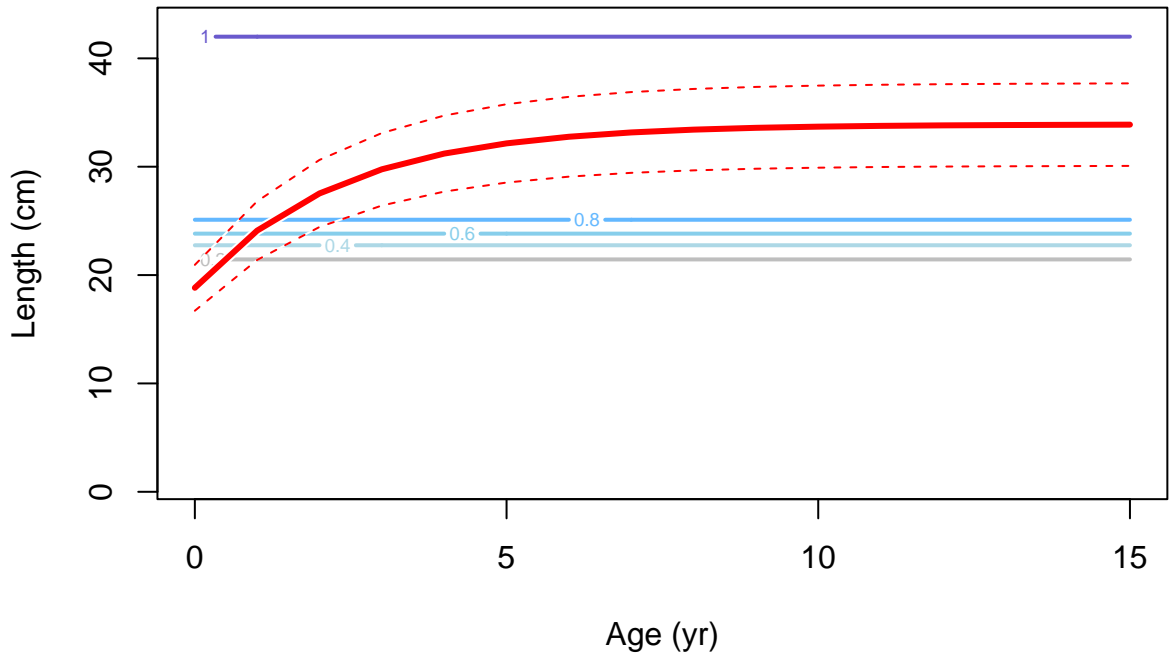
Age (yr)

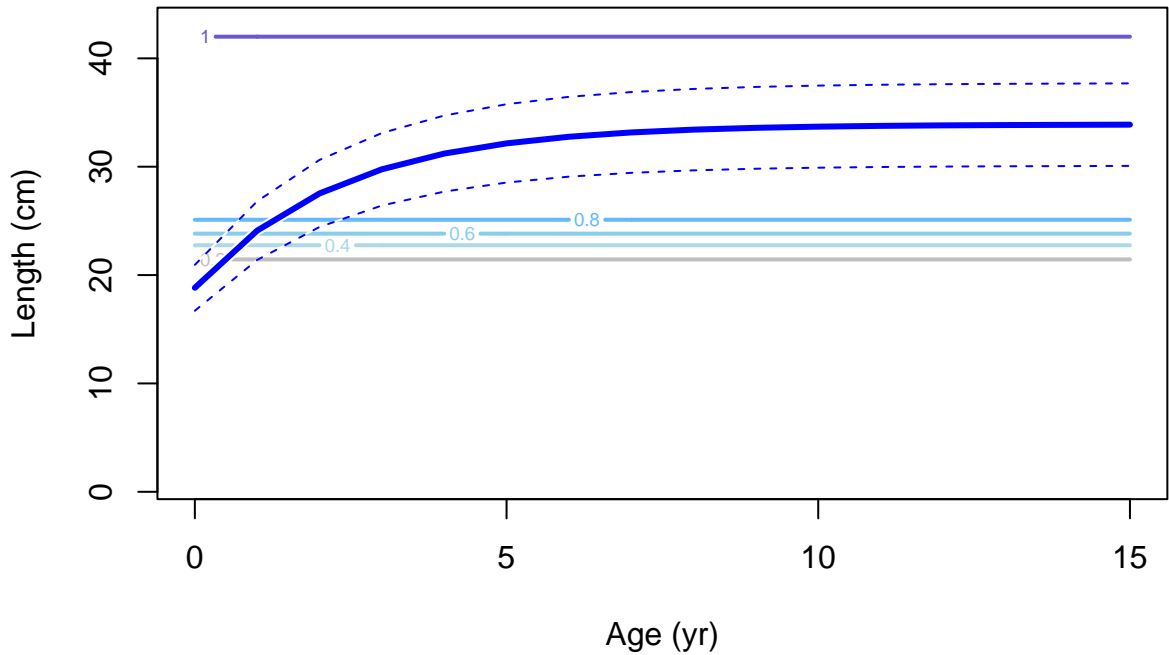
Selectivity

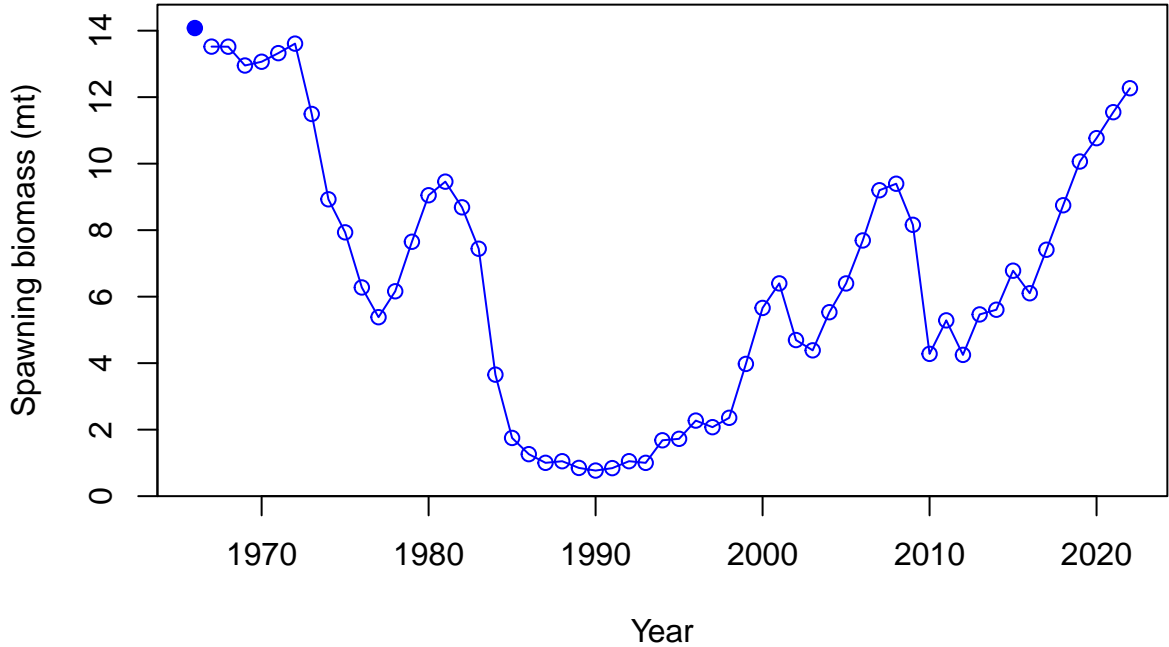


Selectivity

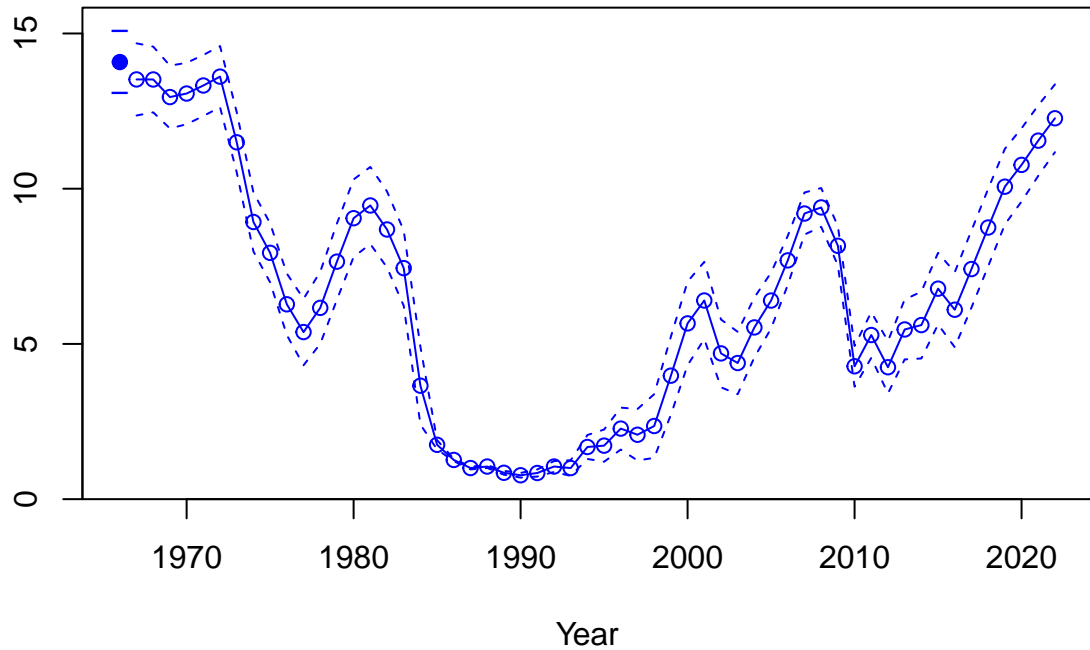




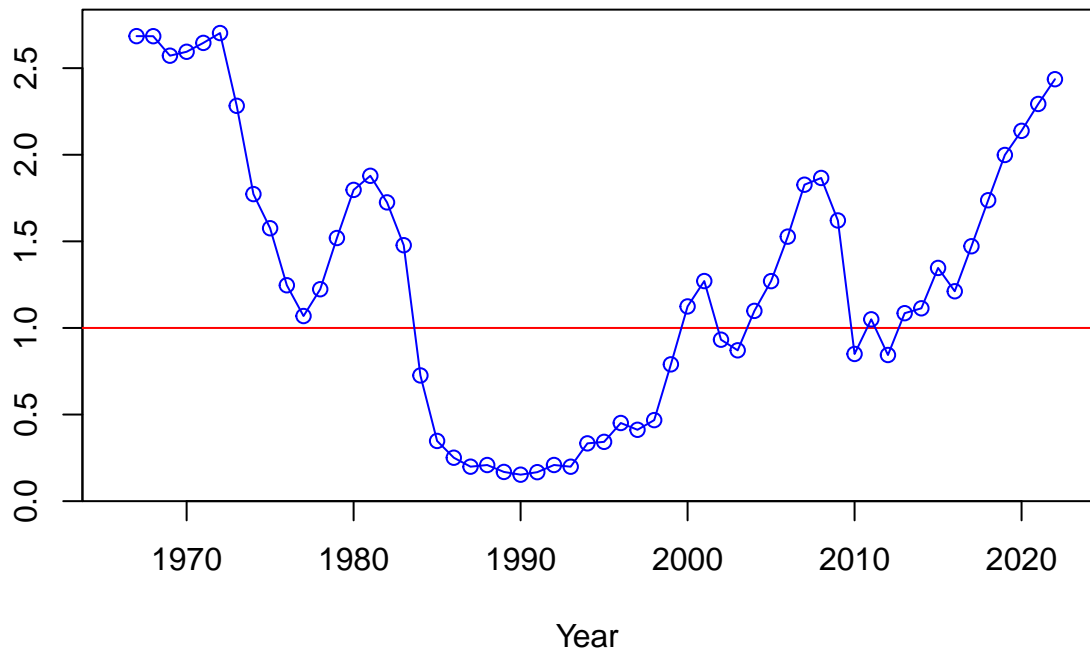




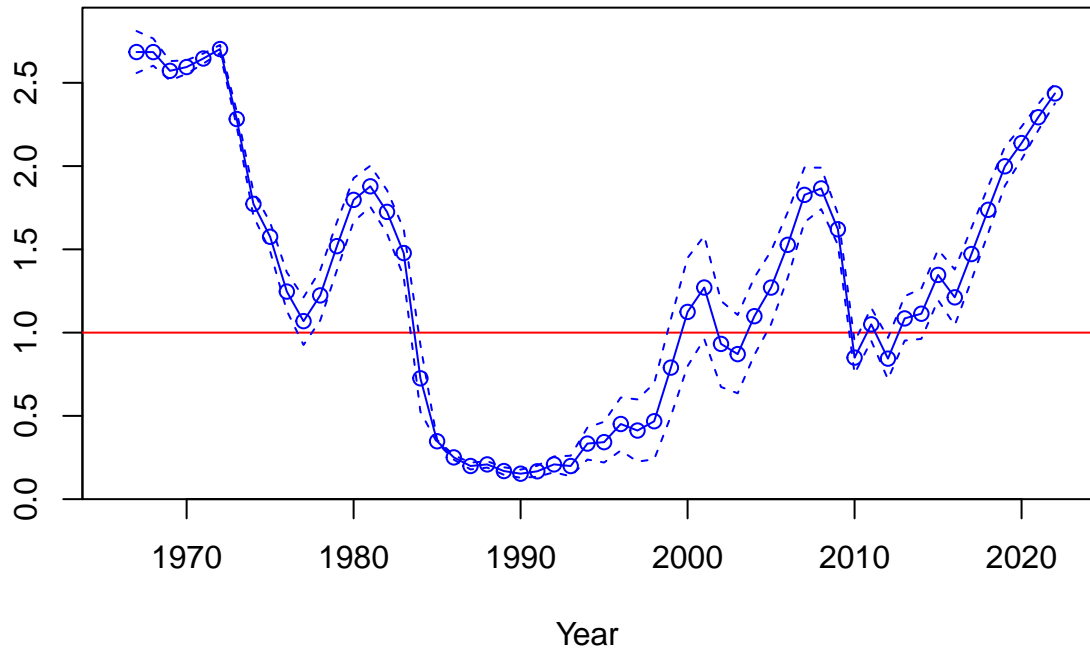
Spawning biomass (mt)

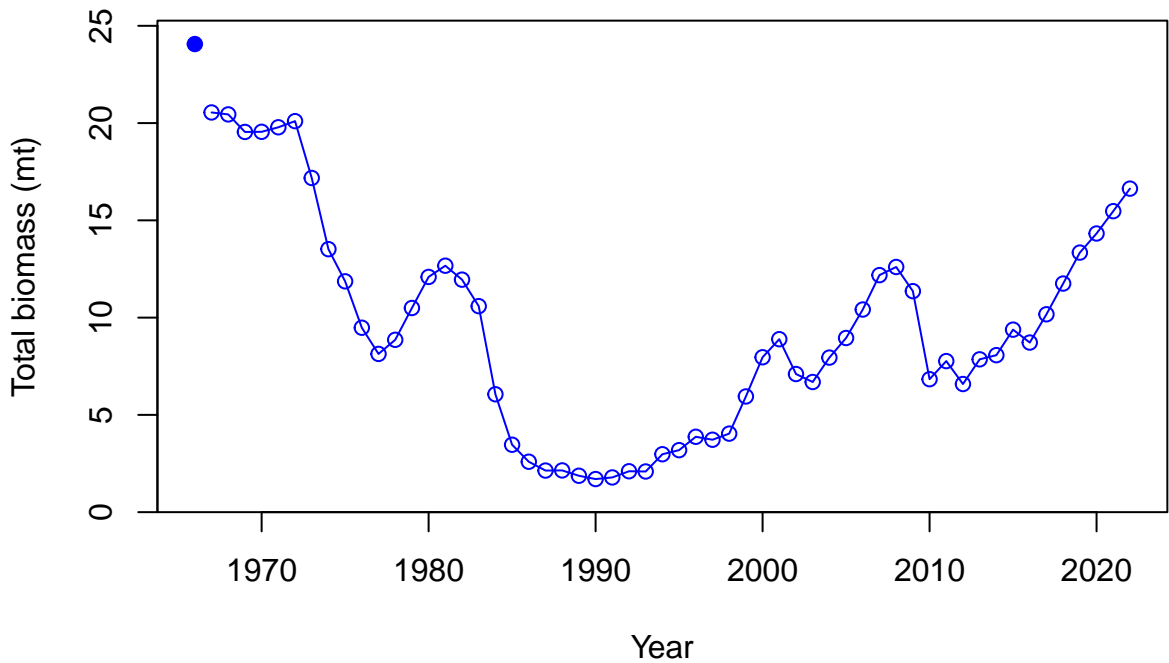


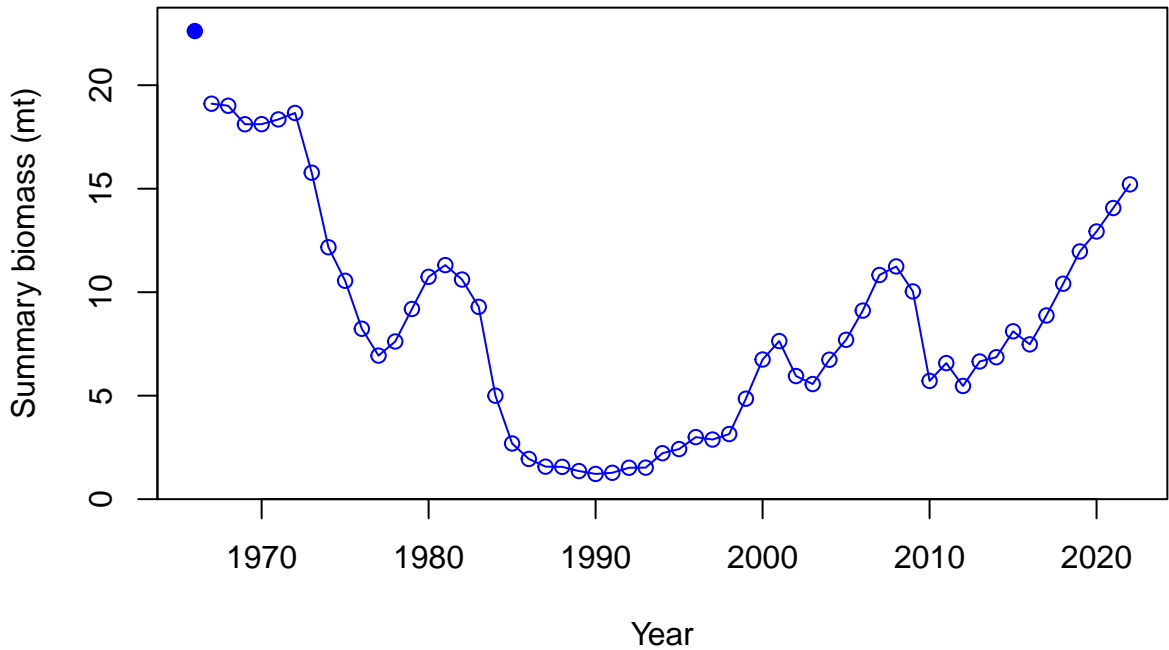
Relative spawning biomass: B/B_{MSY}



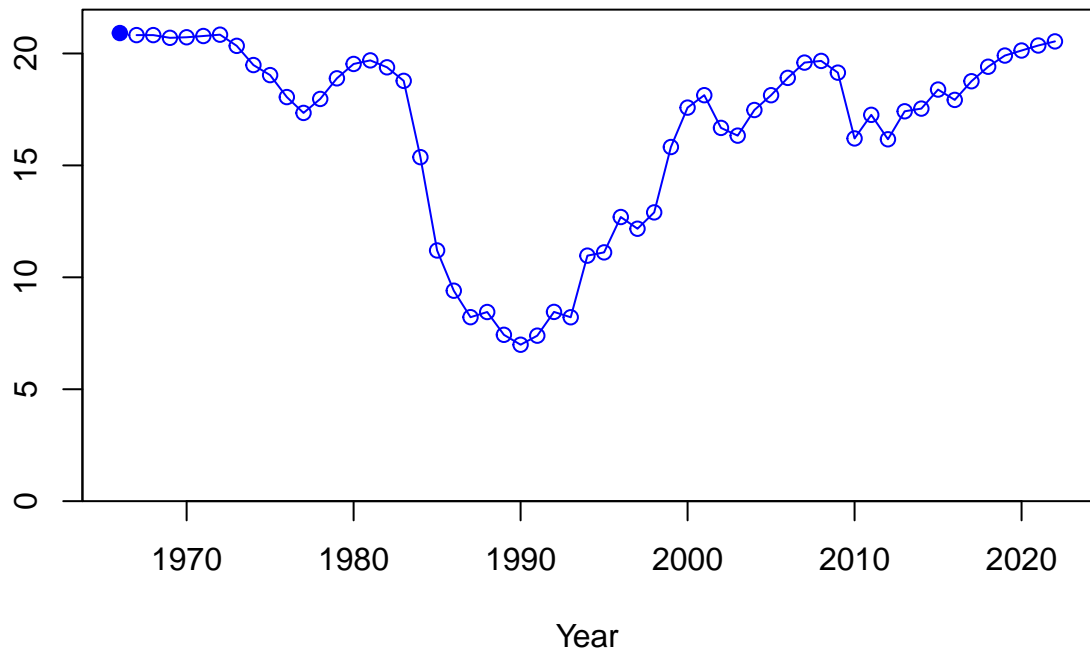
Relative spawning biomass: B/B_{MSY}



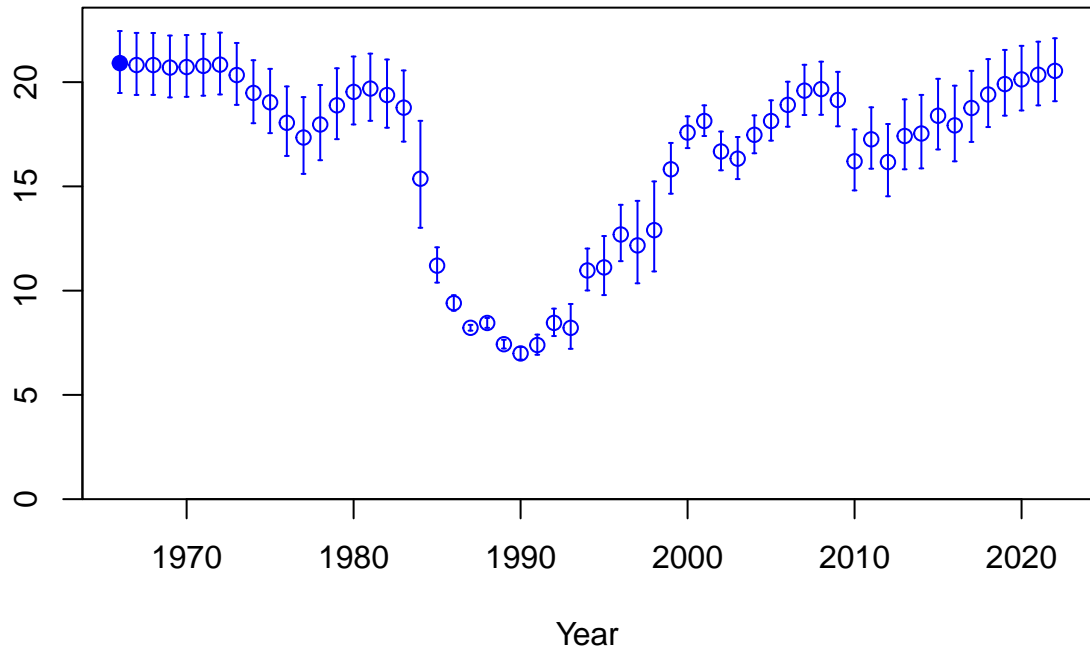




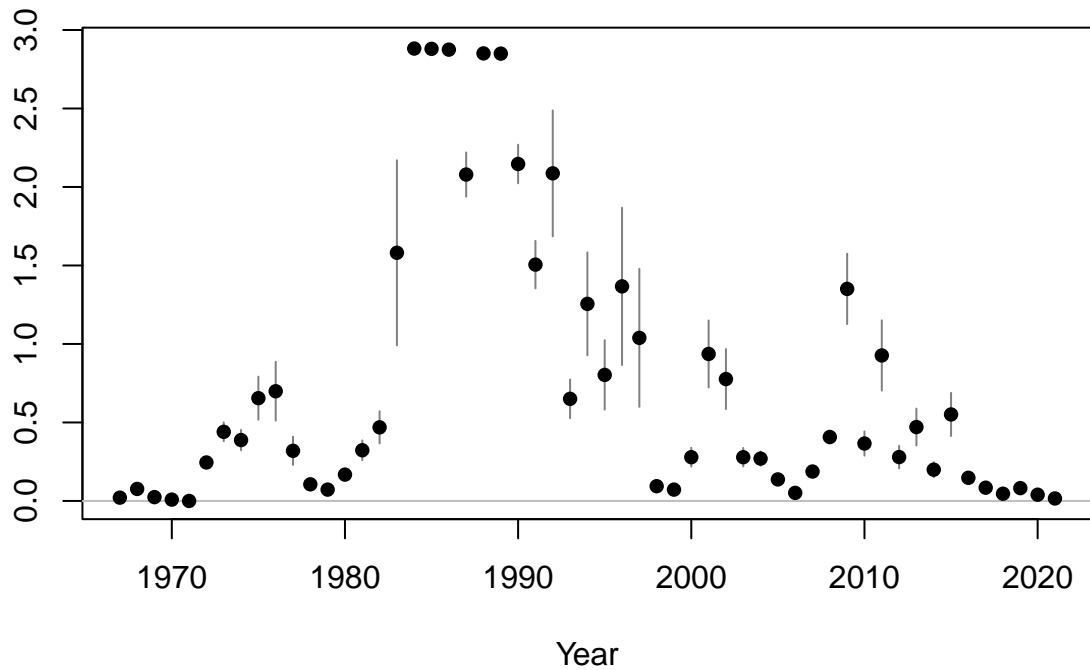
Age-0 recruits (1,000s)

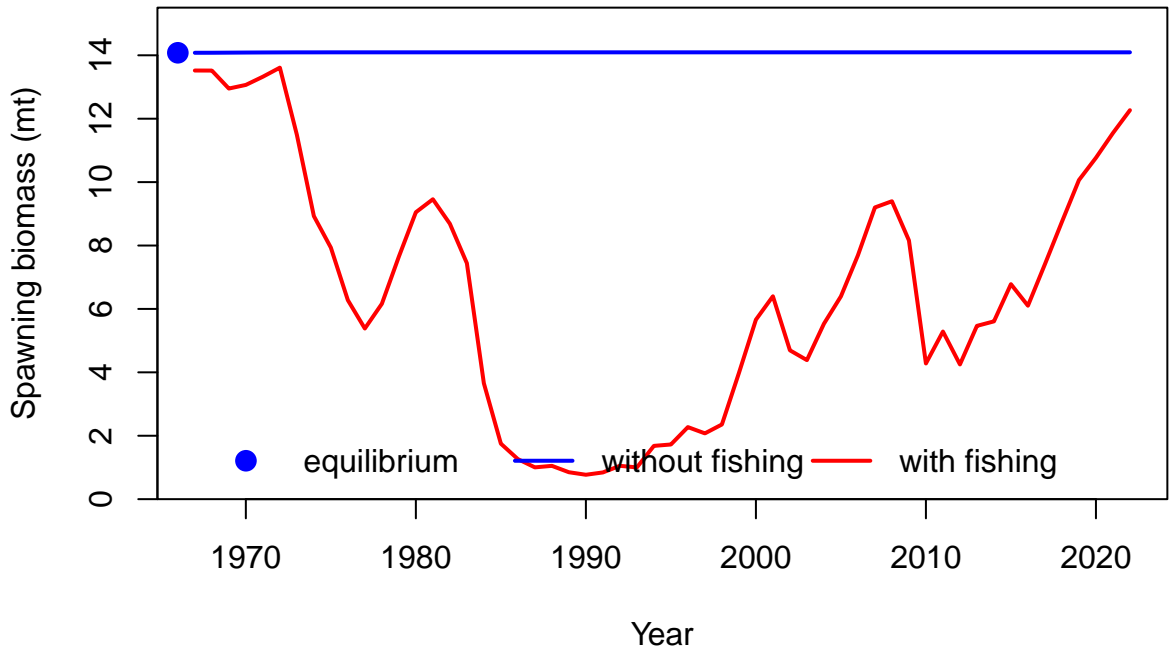


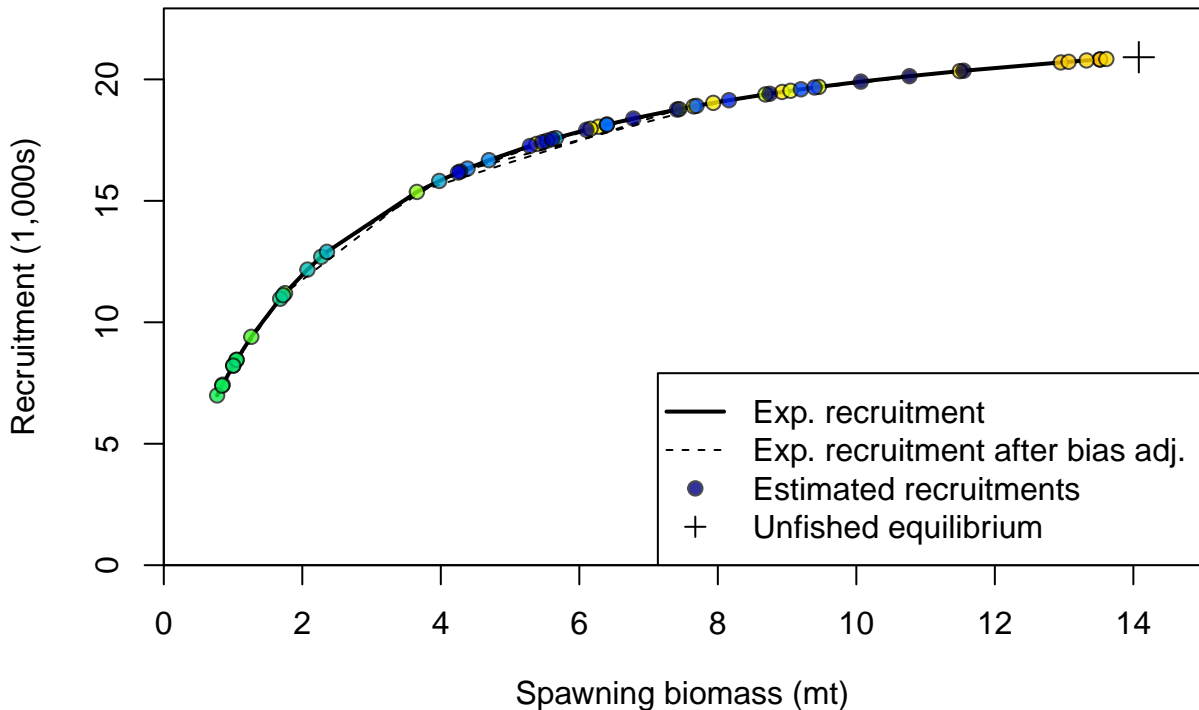
Age-0 recruits (1,000s)

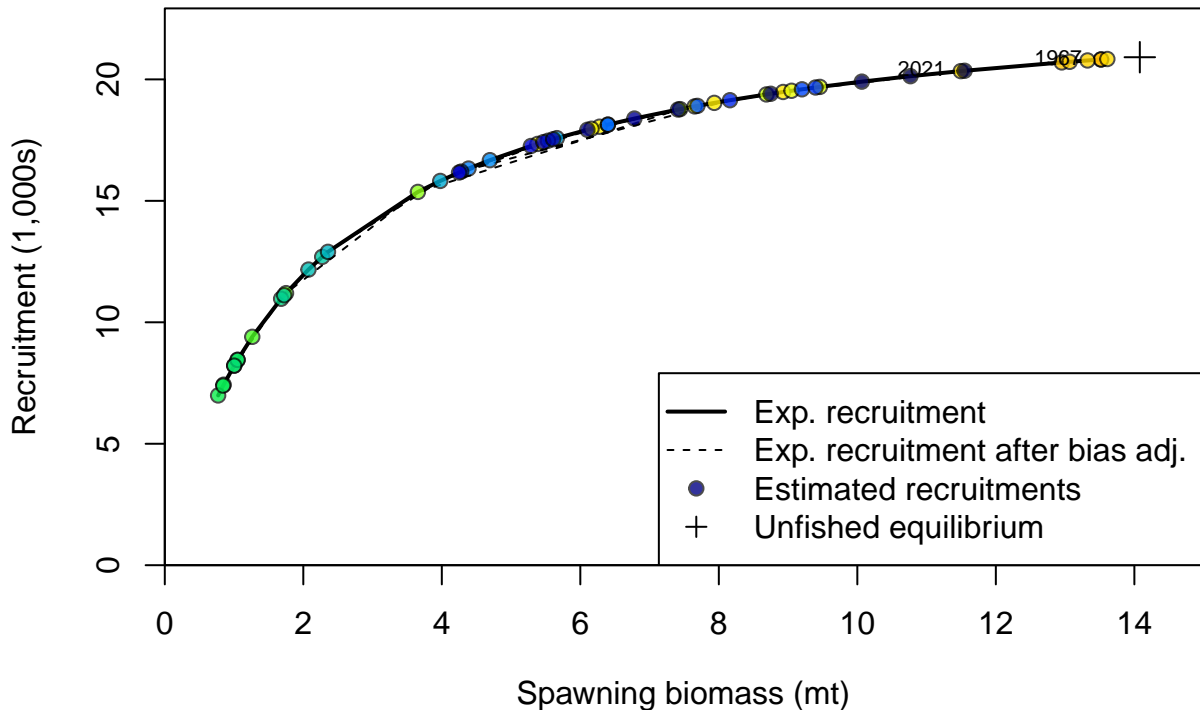


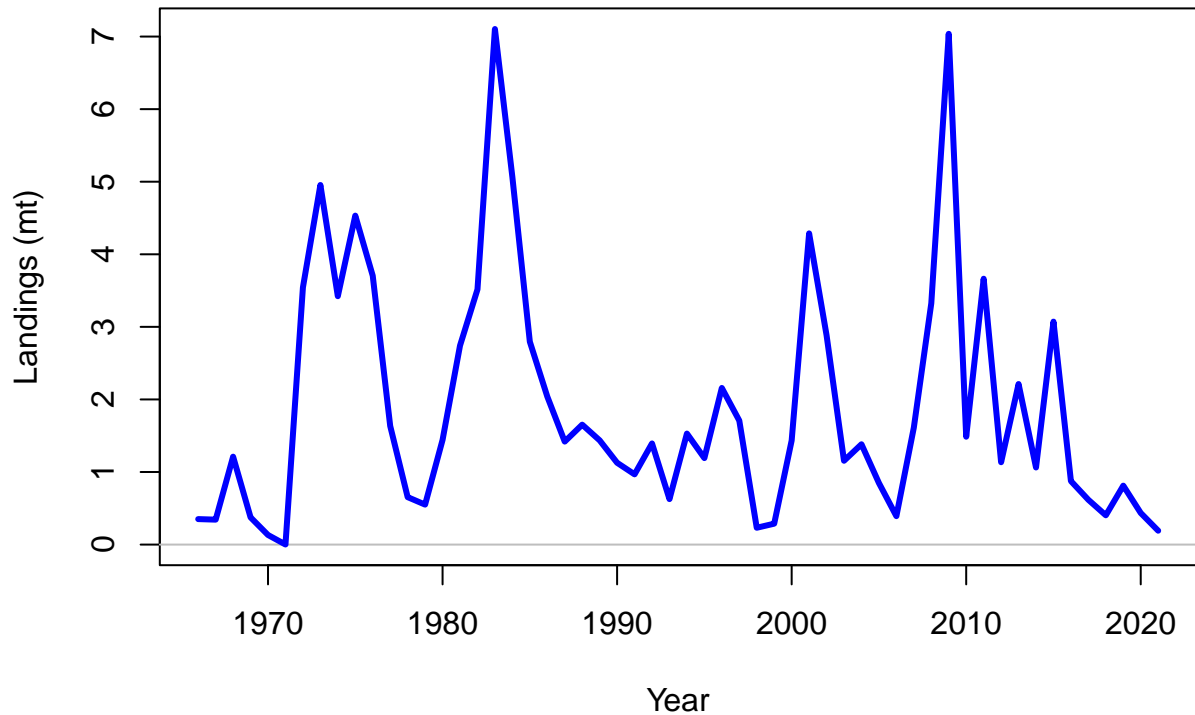
Summary Fishing Mortality

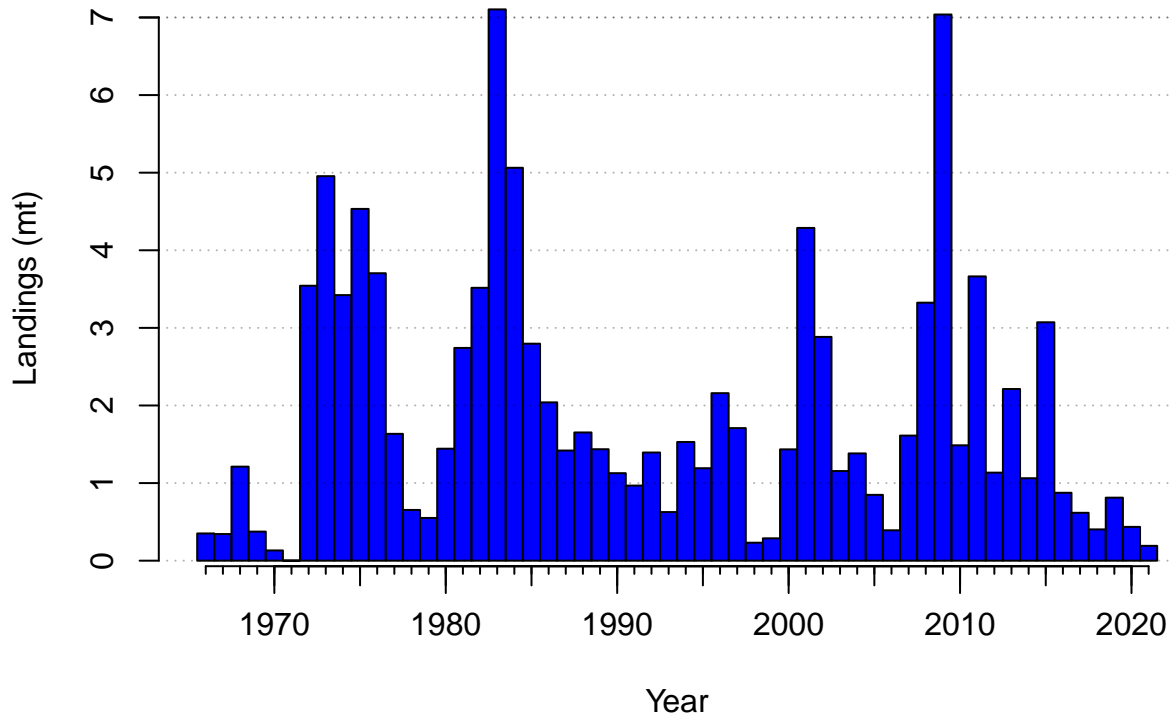




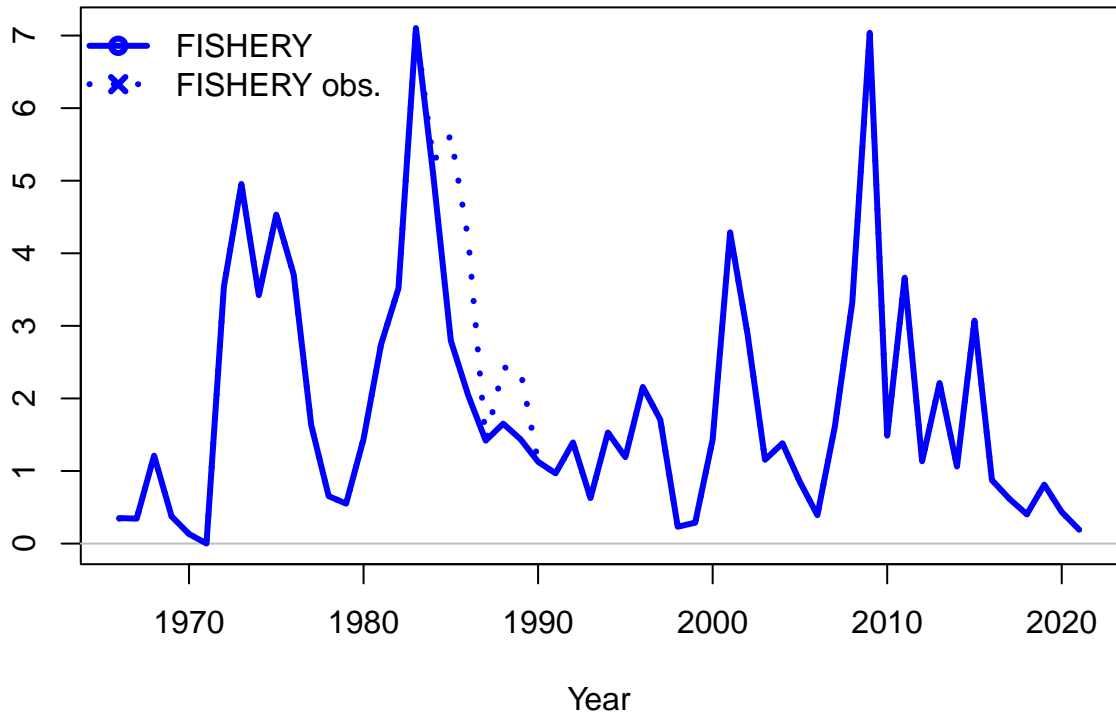


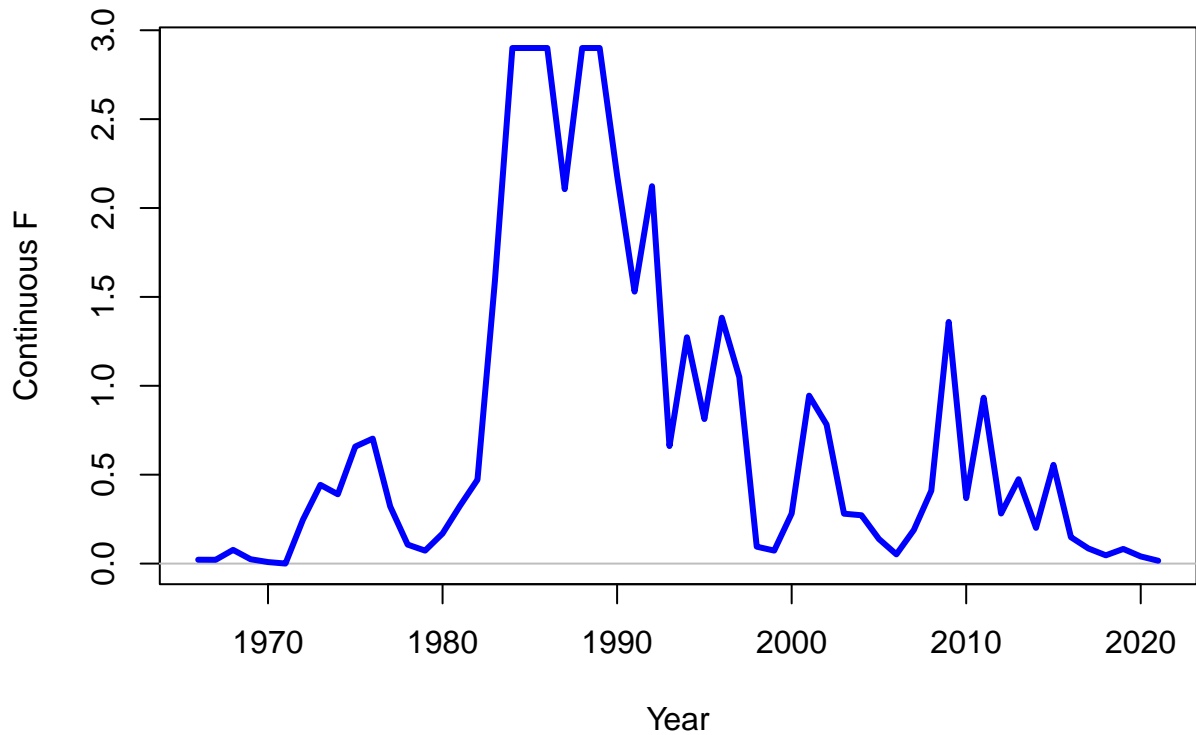




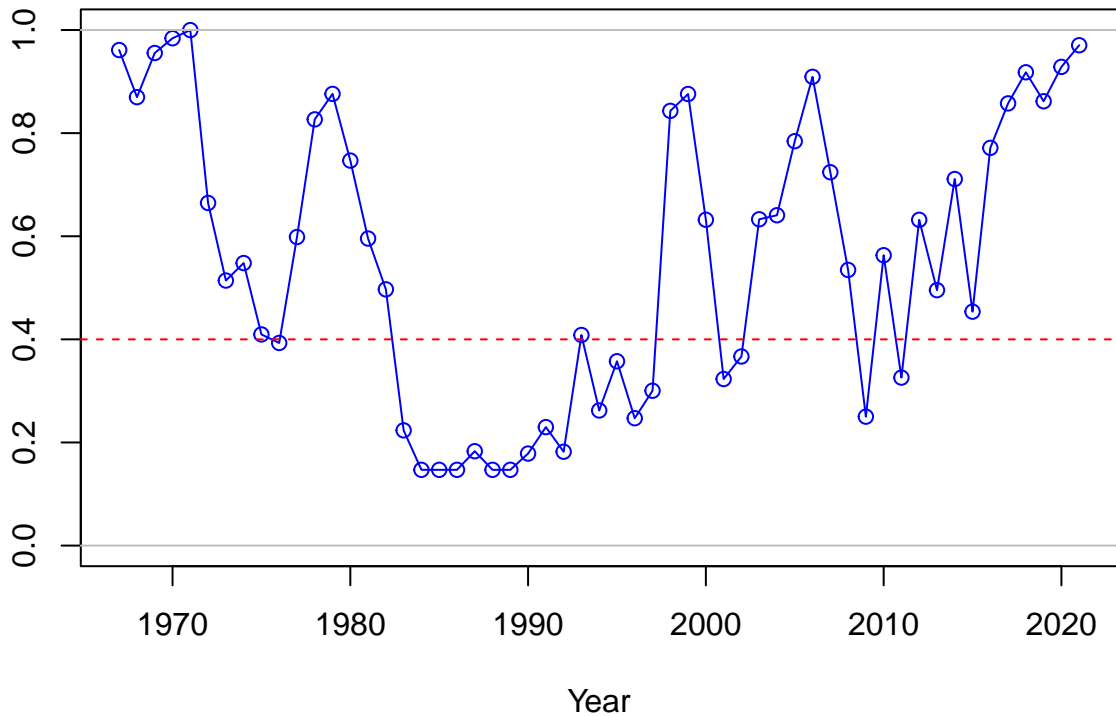


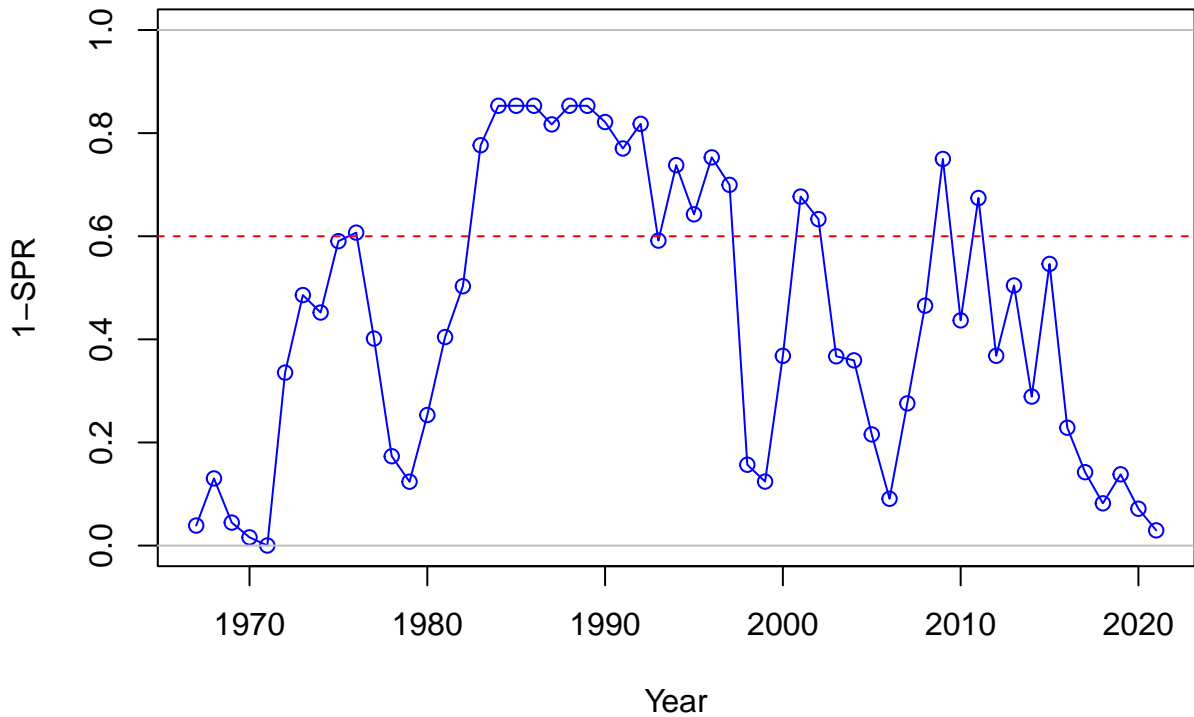
Observed and expected Landings (mt)



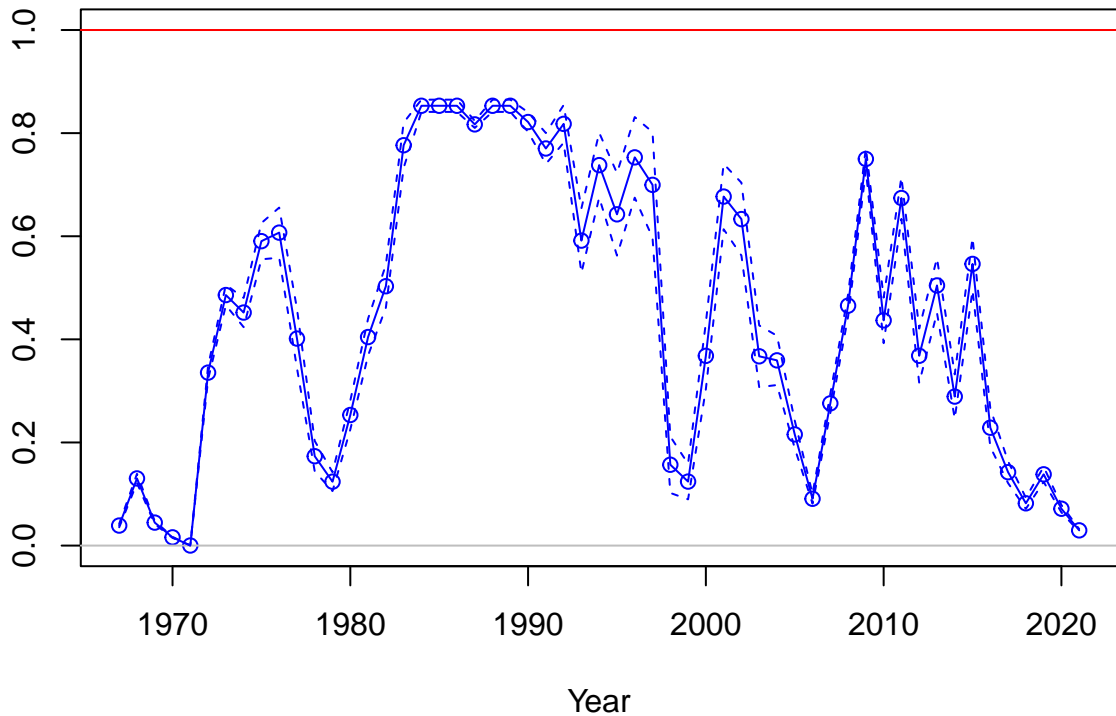


SPR

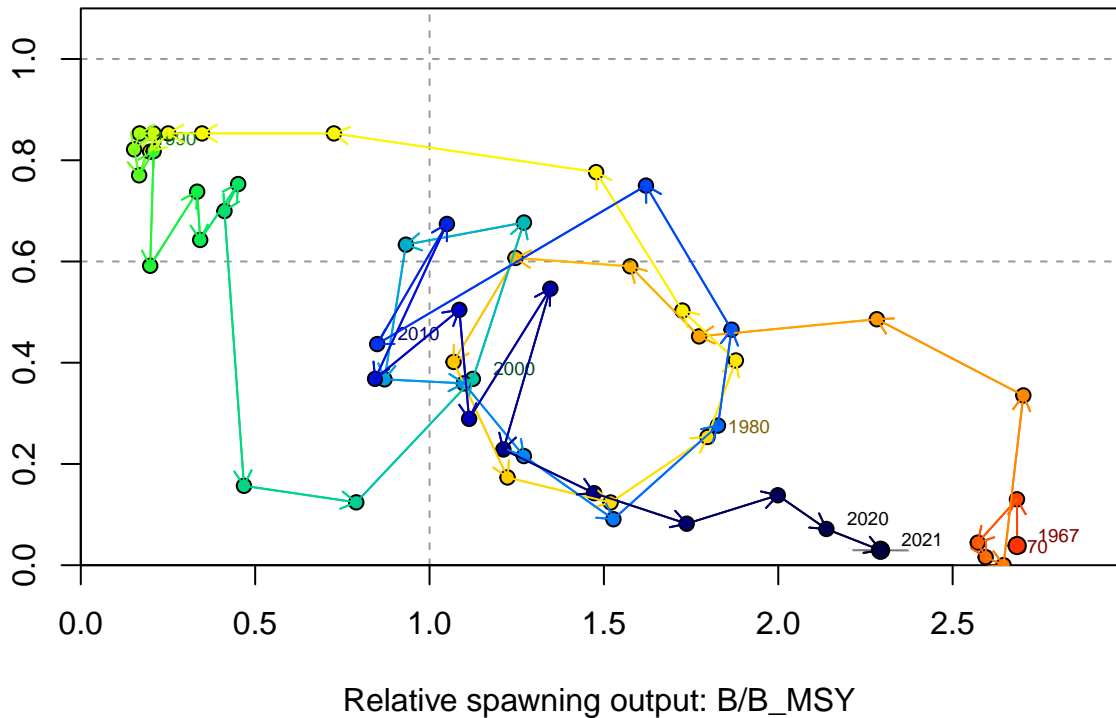




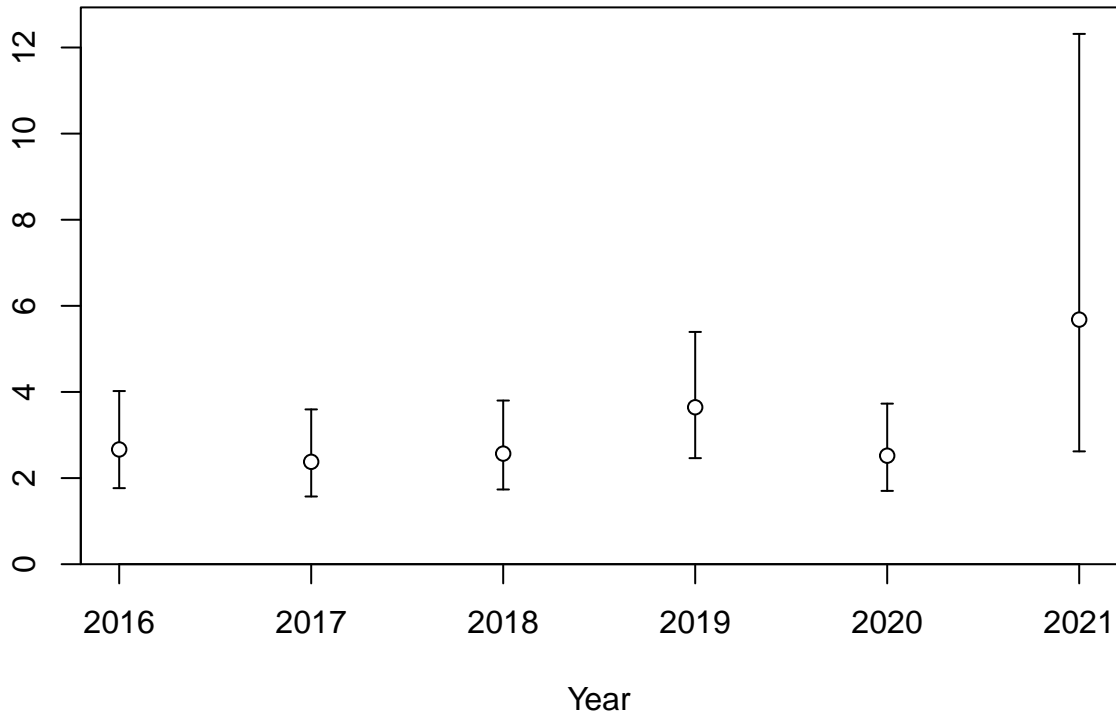
Fishing intensity: 1-SPR



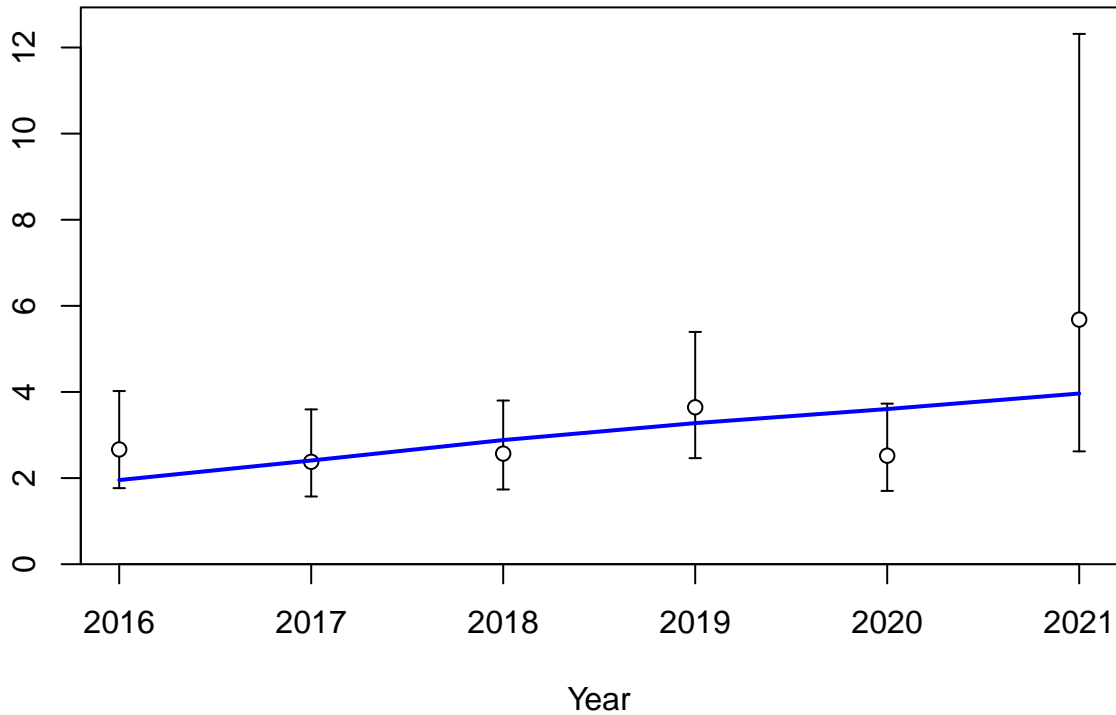
Fishing intensity: 1-SPR

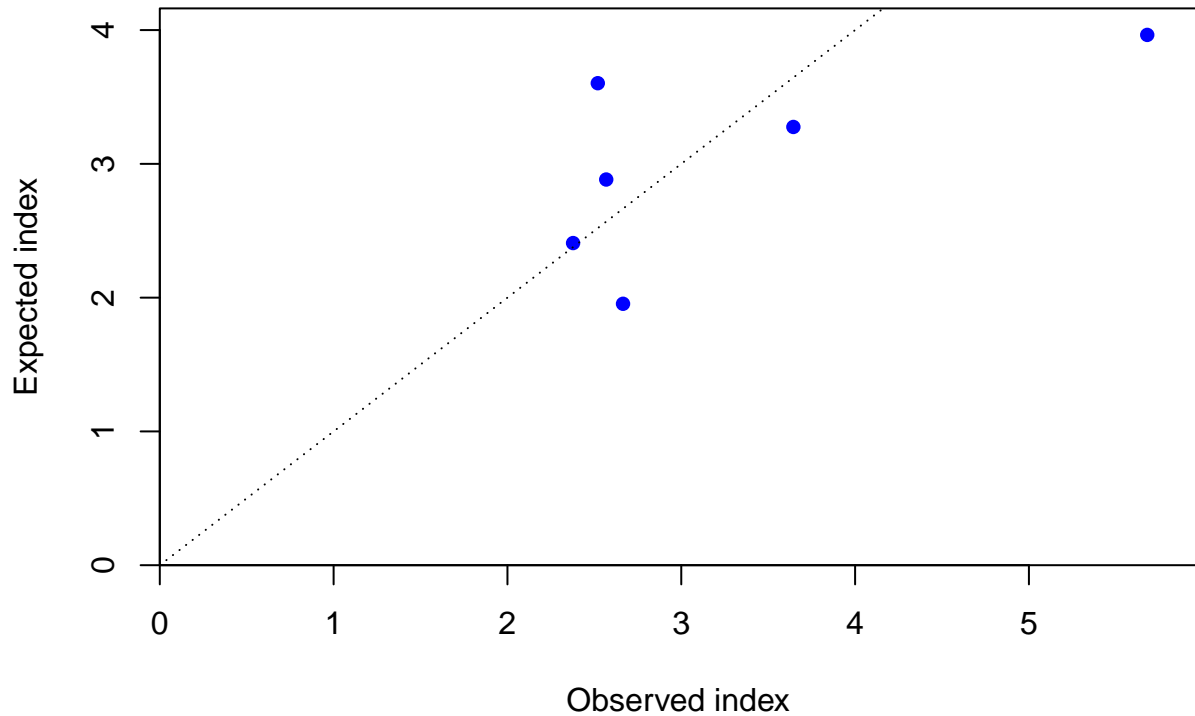


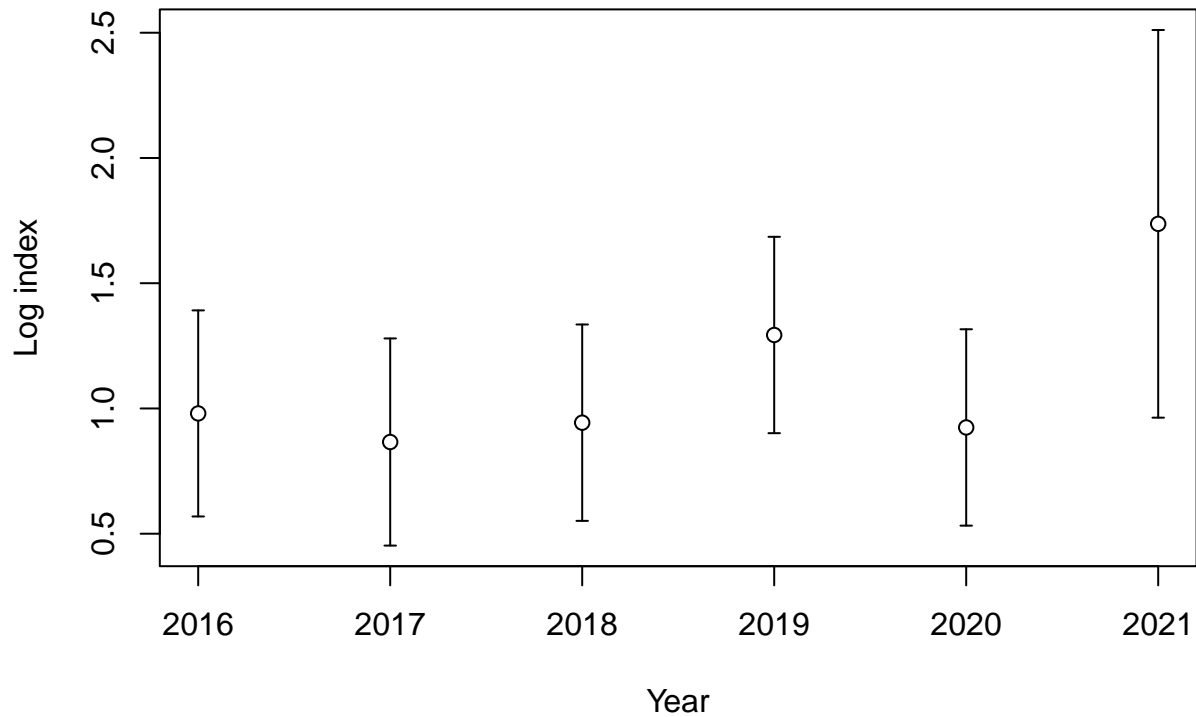
Index



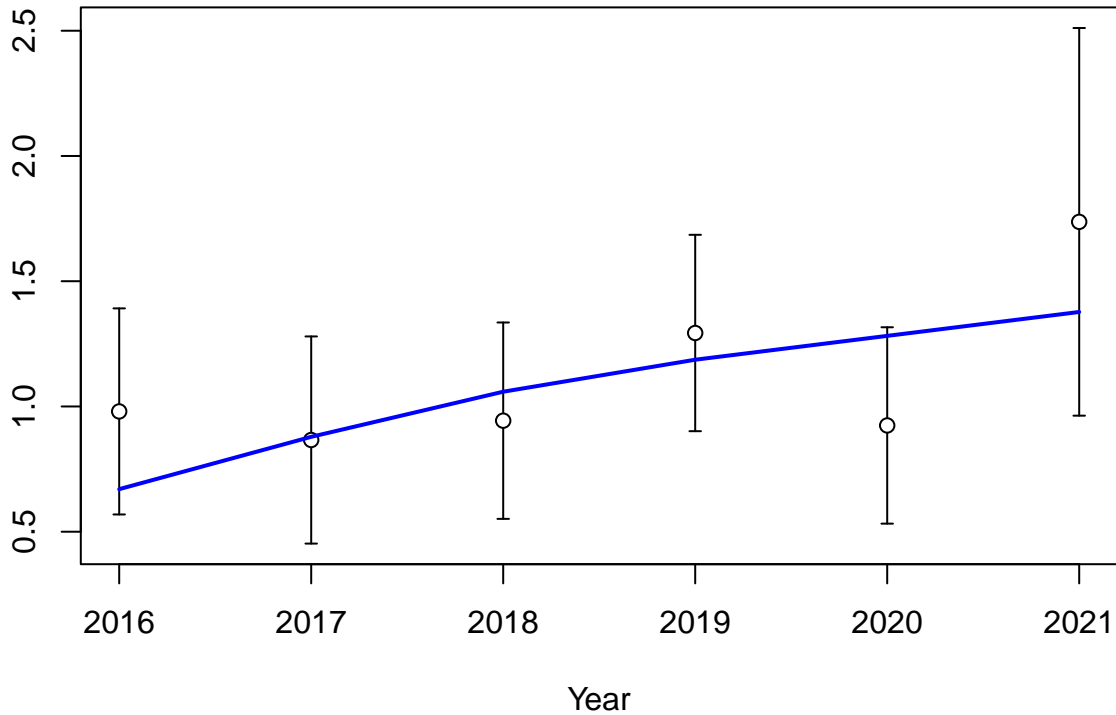
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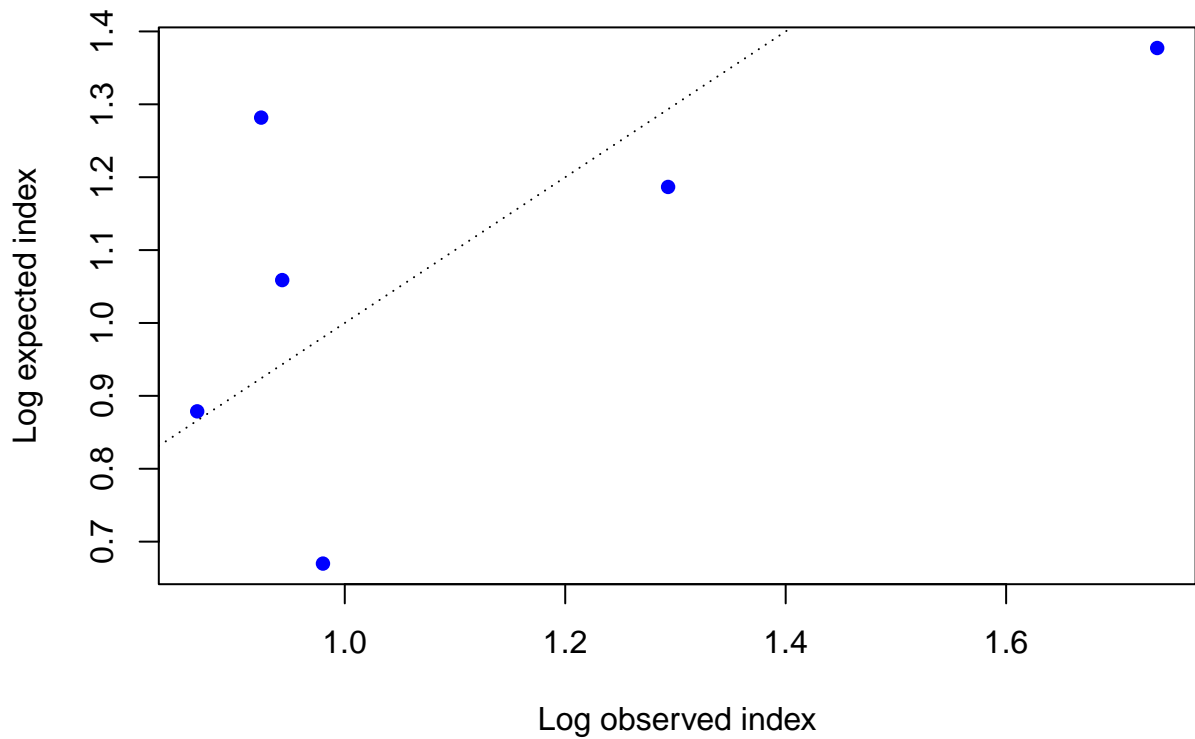


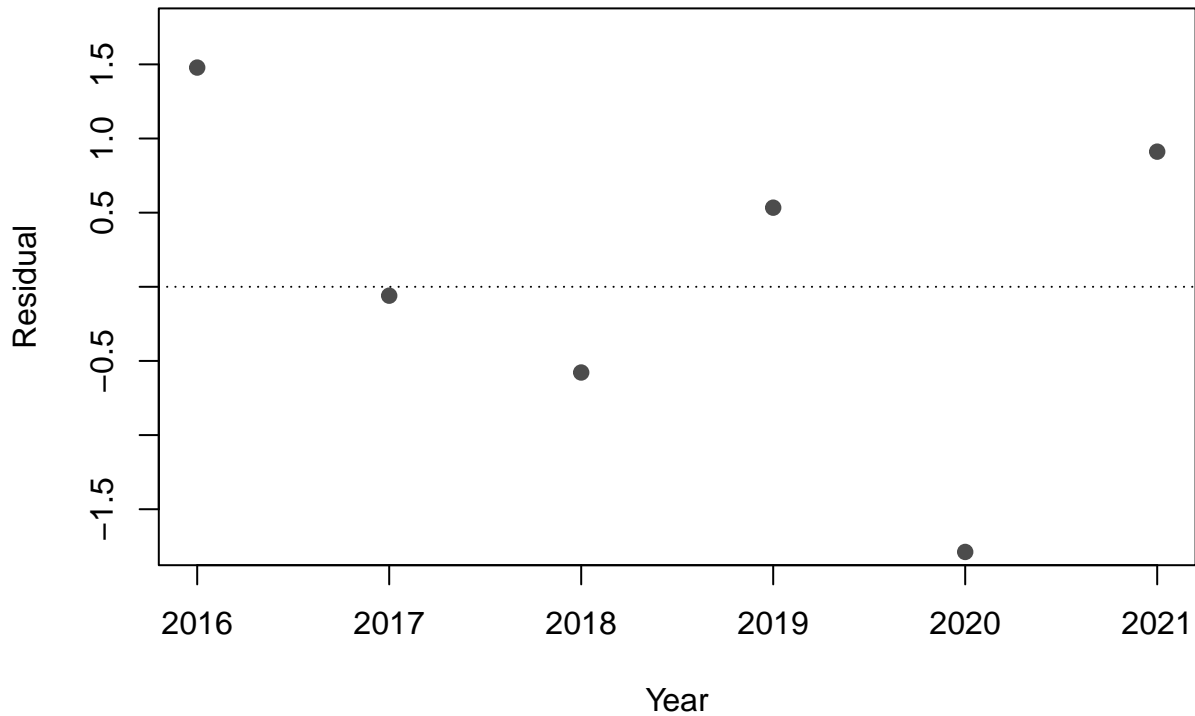


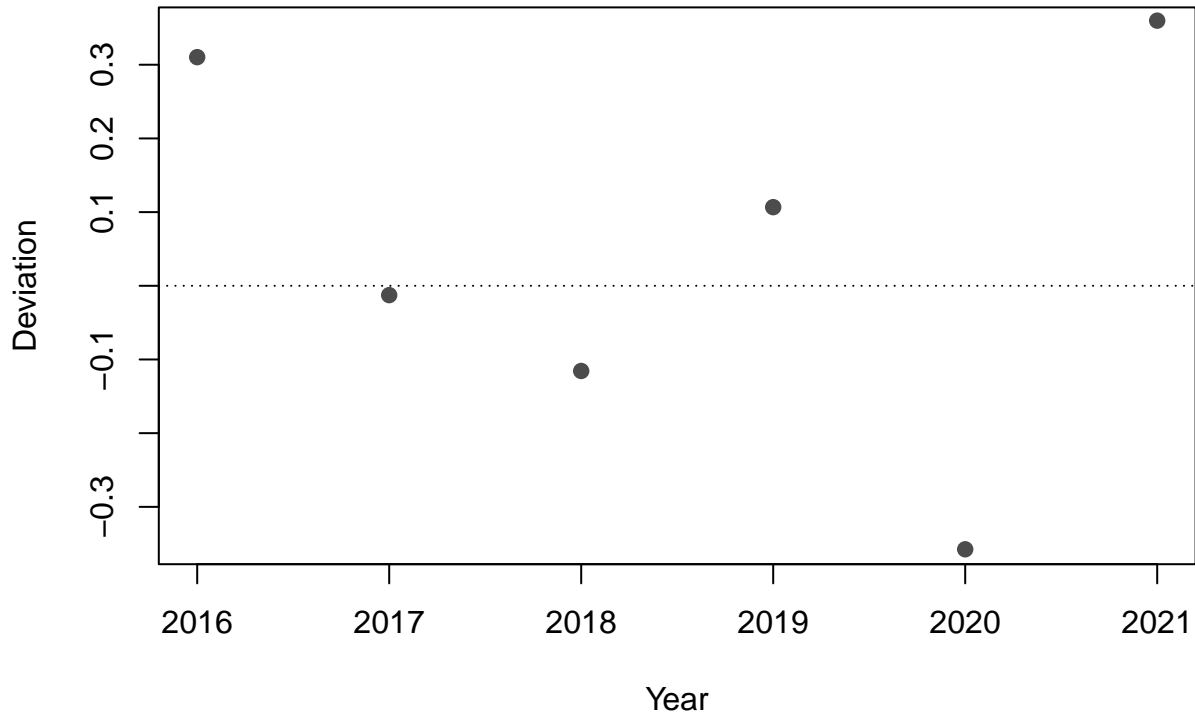


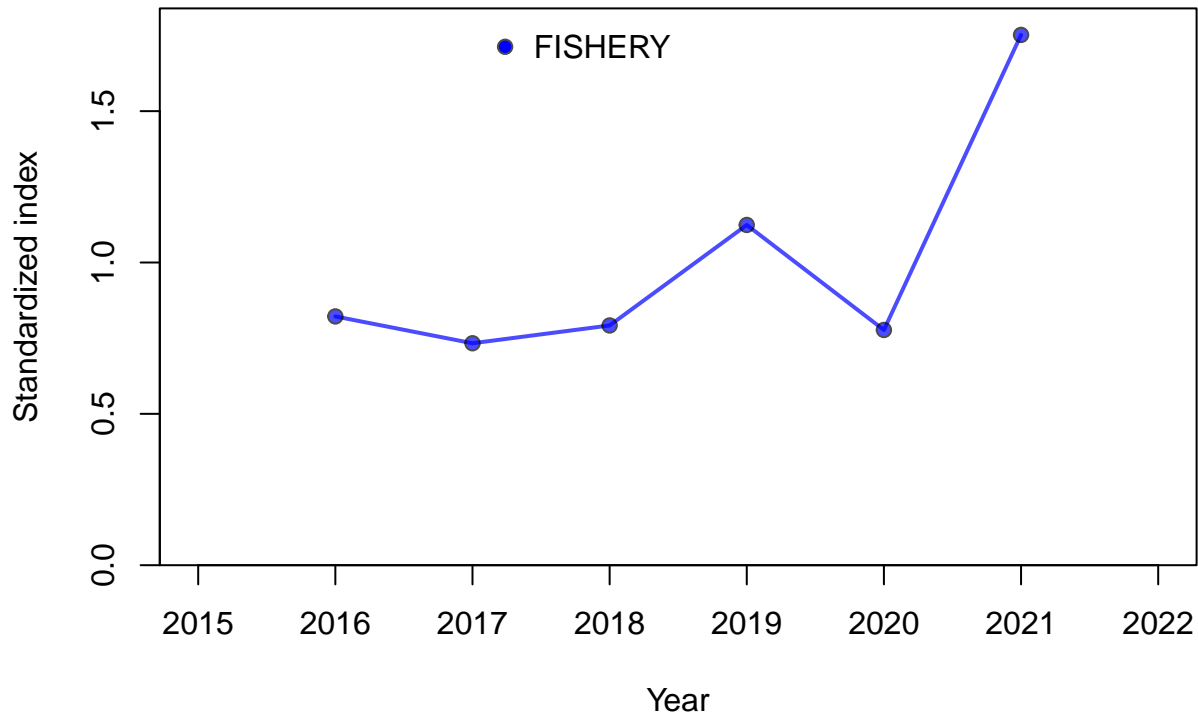
Log index



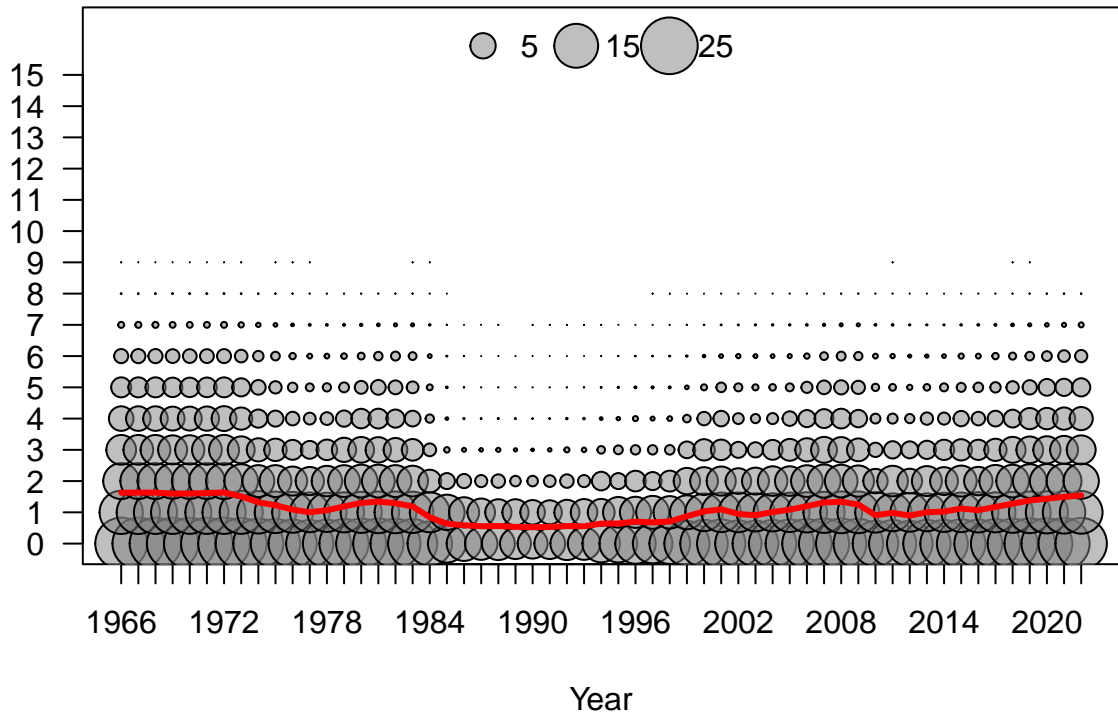


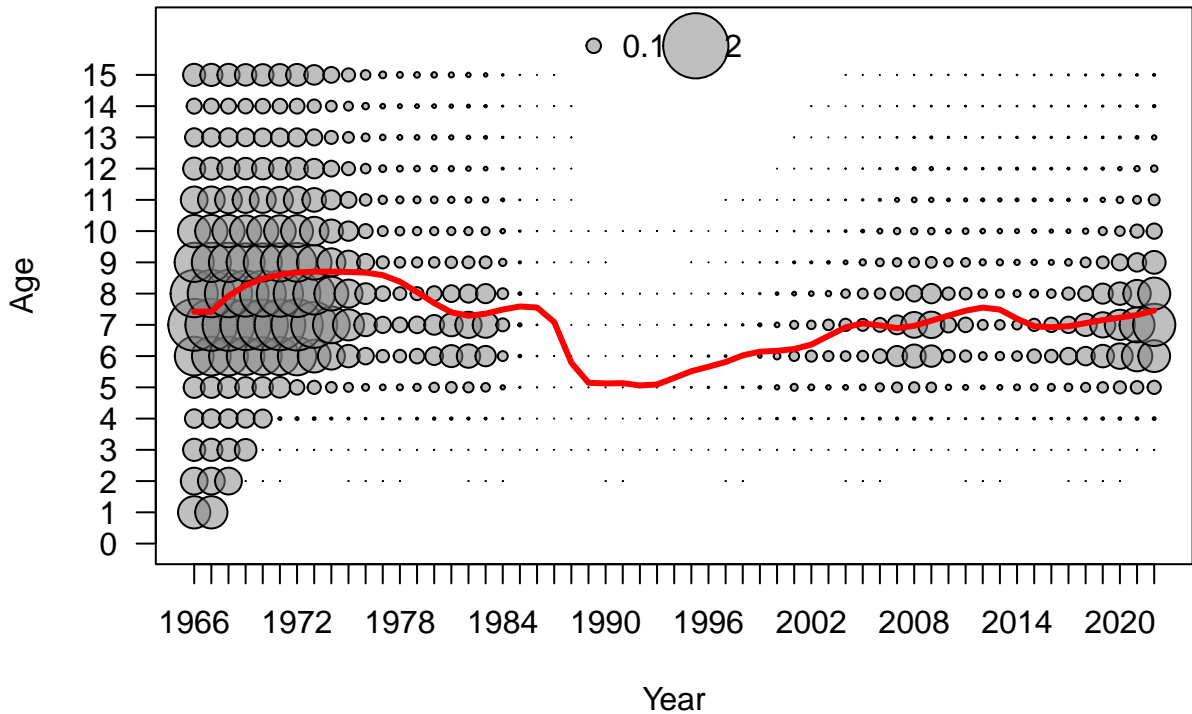


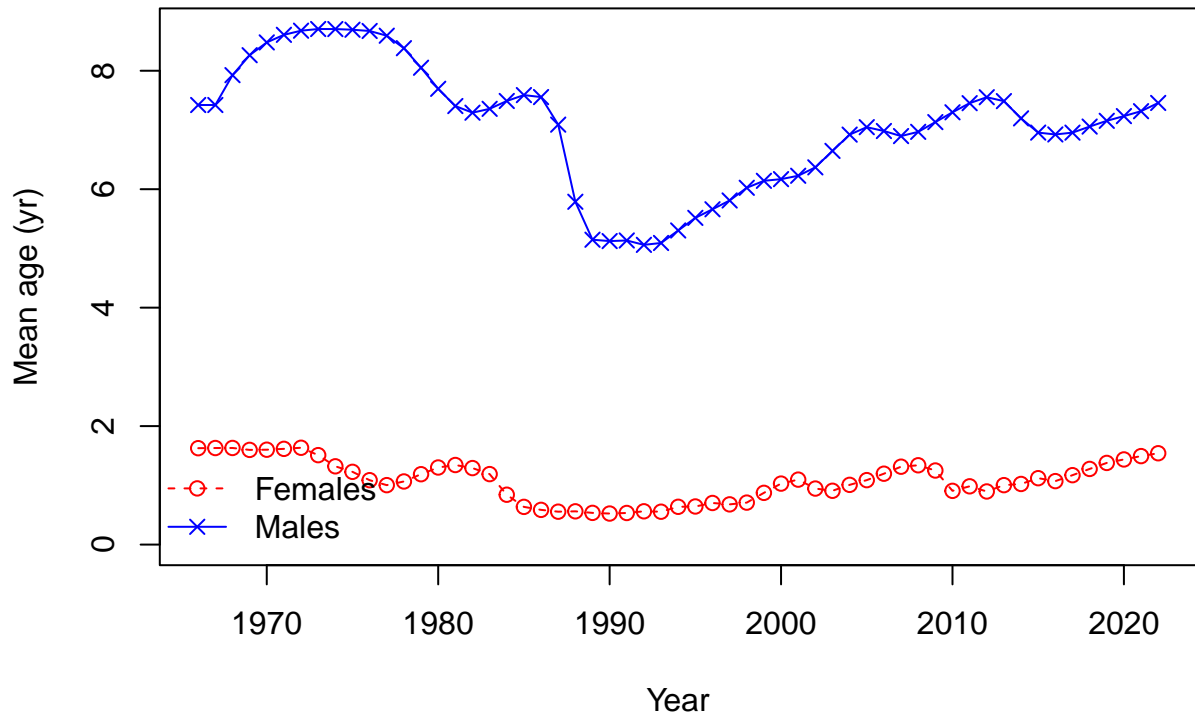


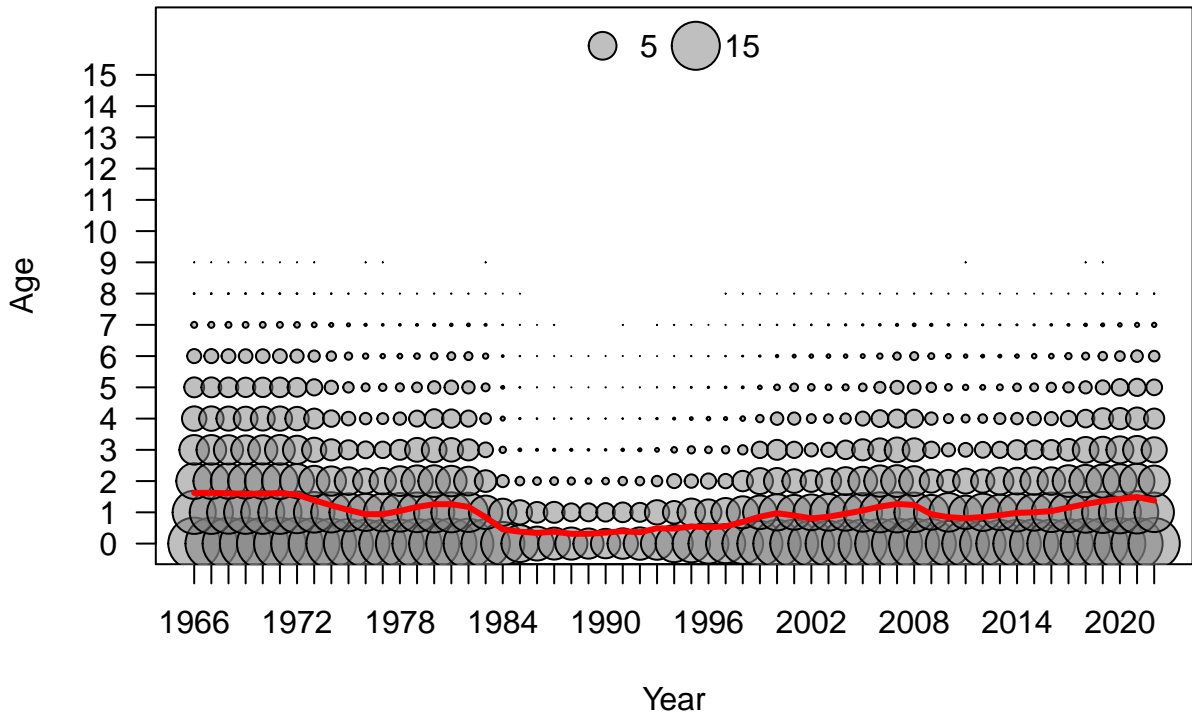


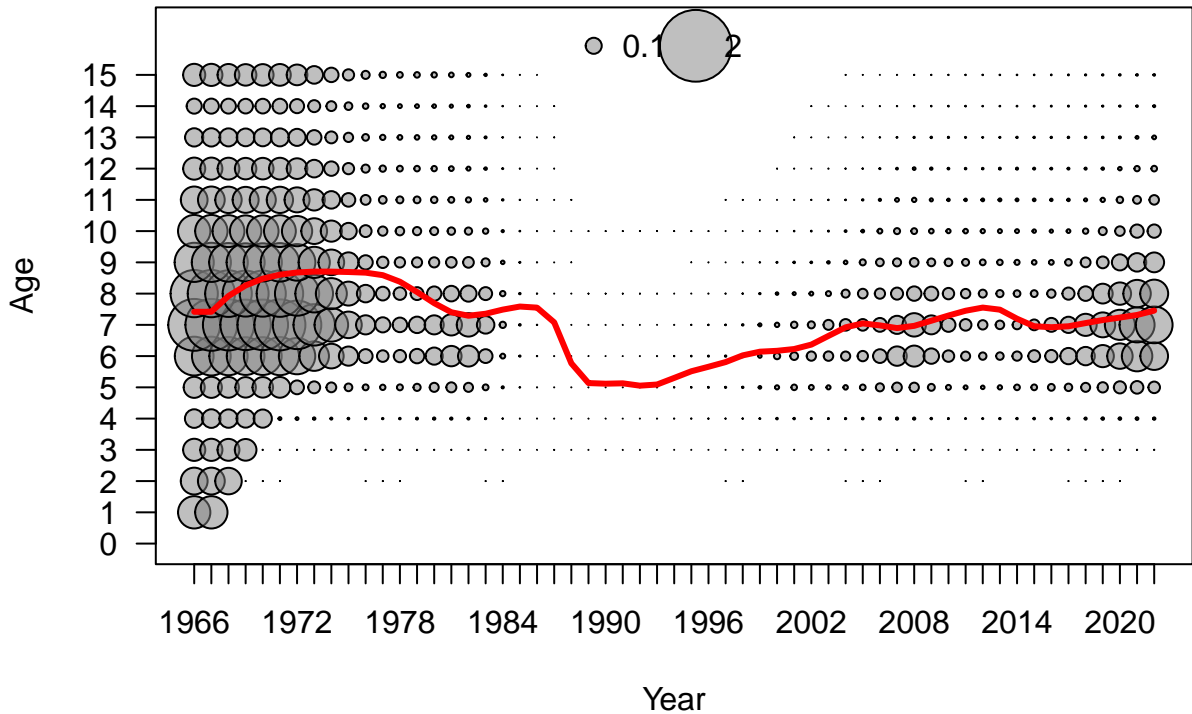
Age

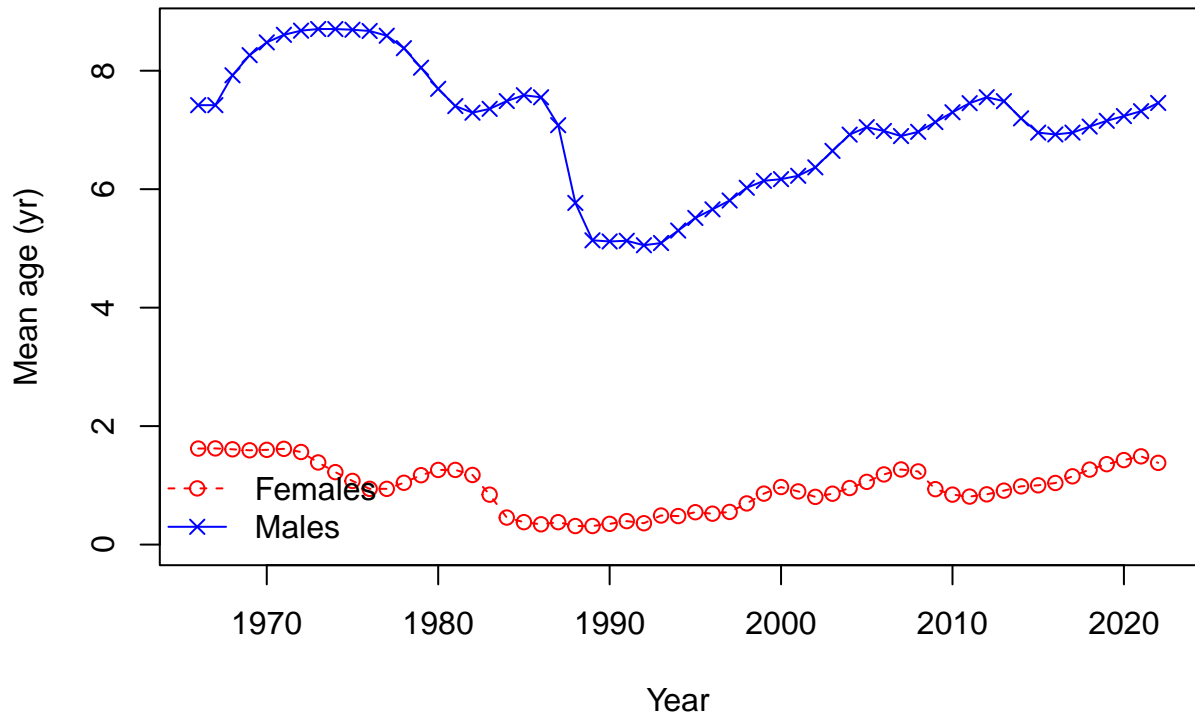




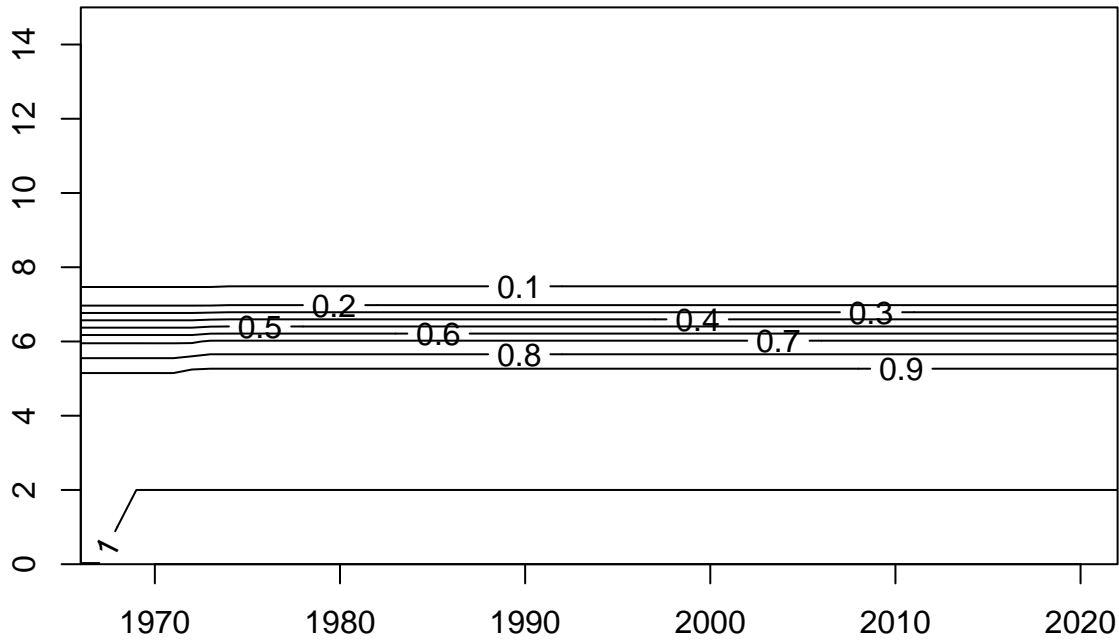




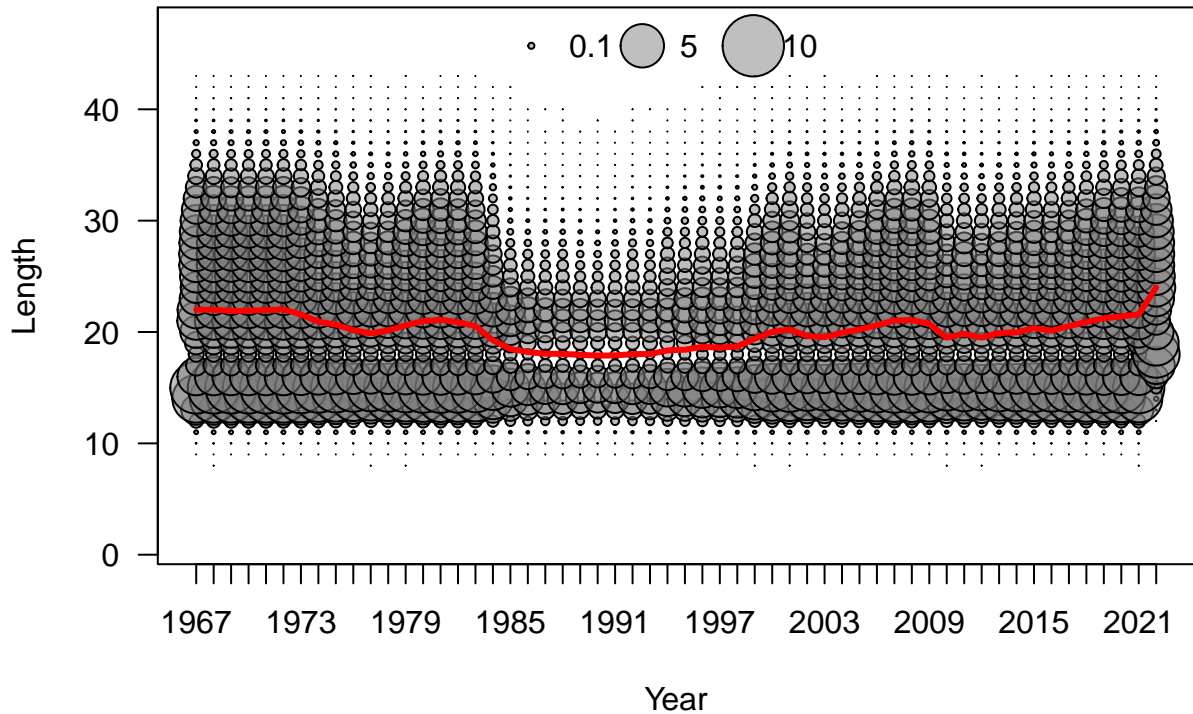


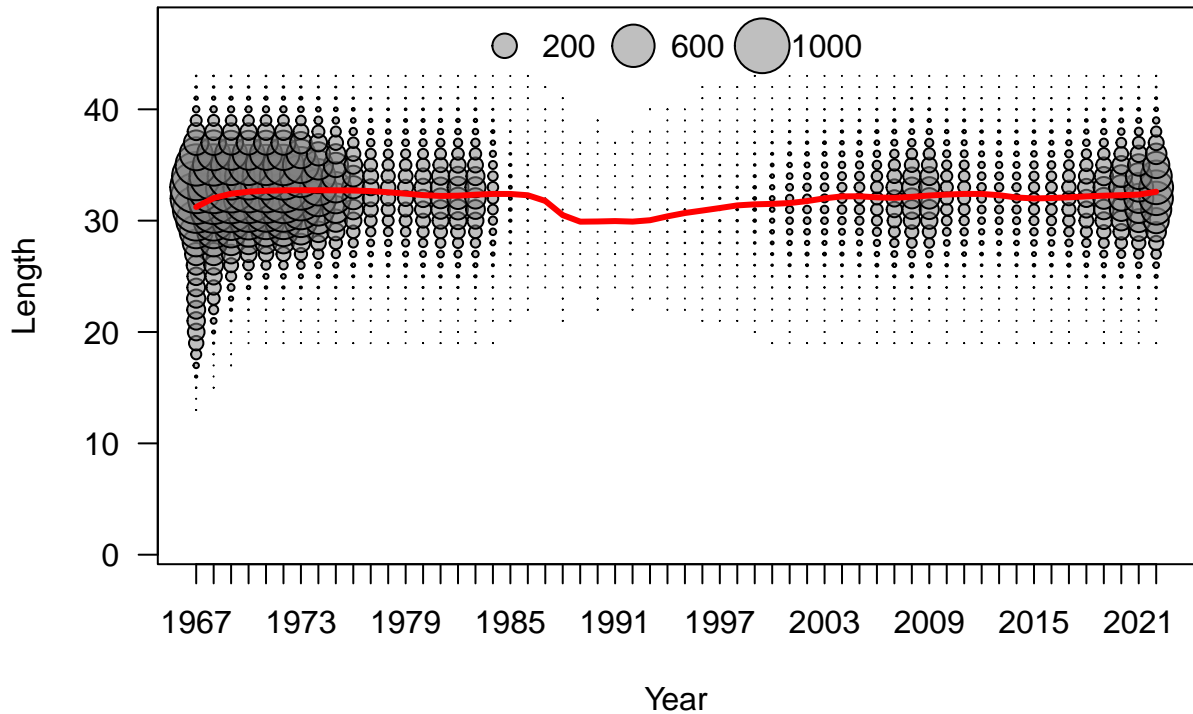


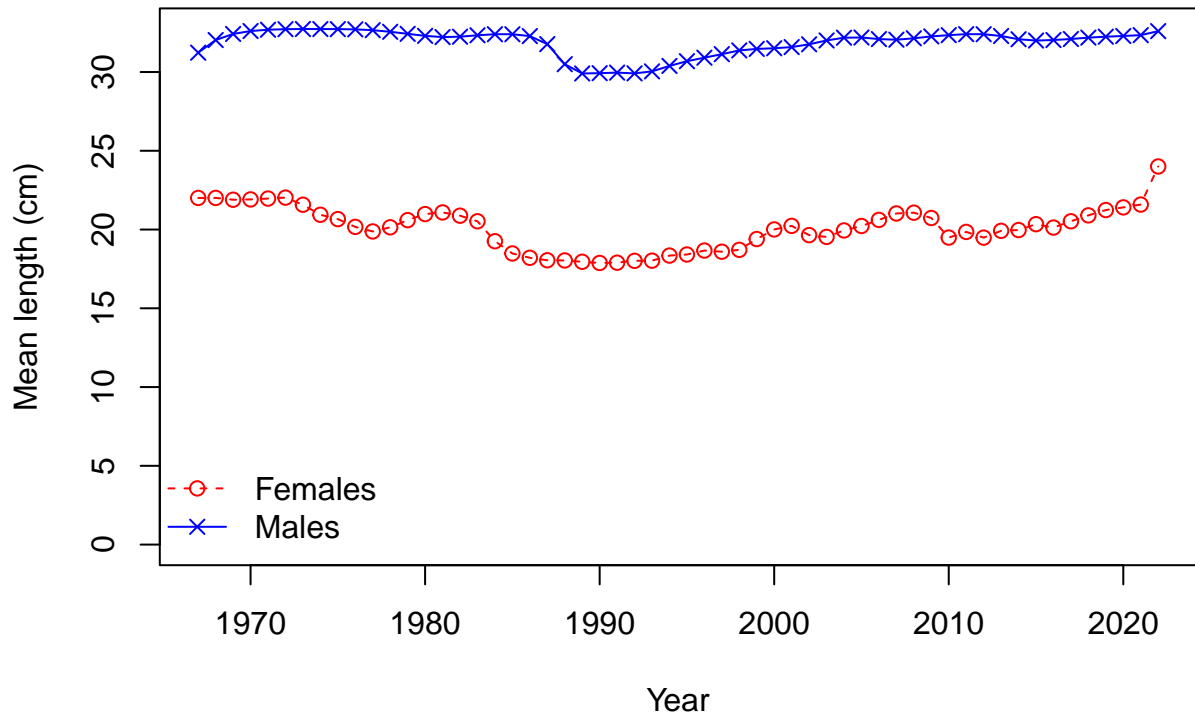
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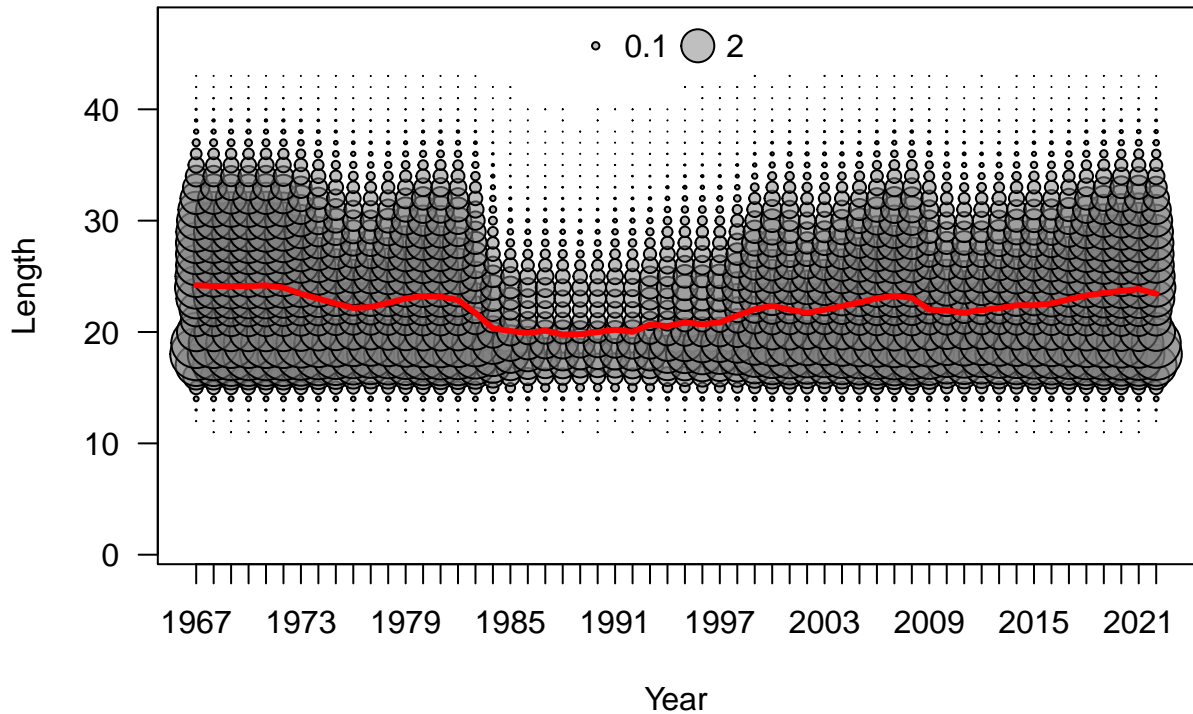


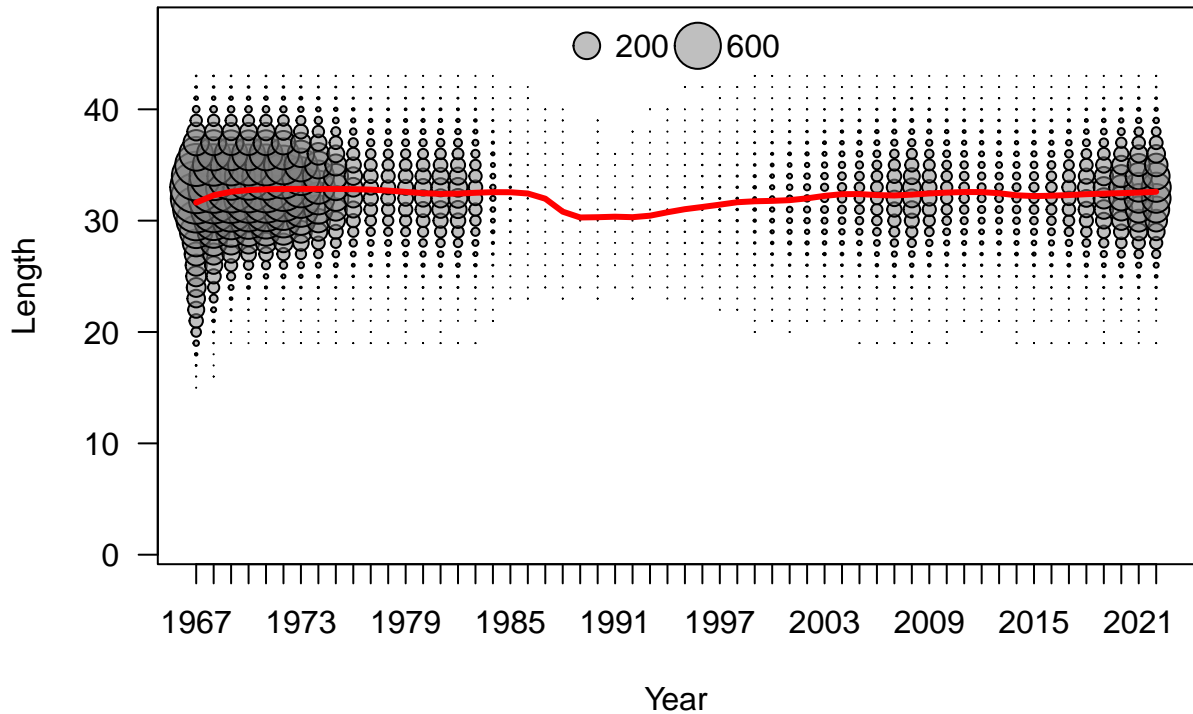
Year

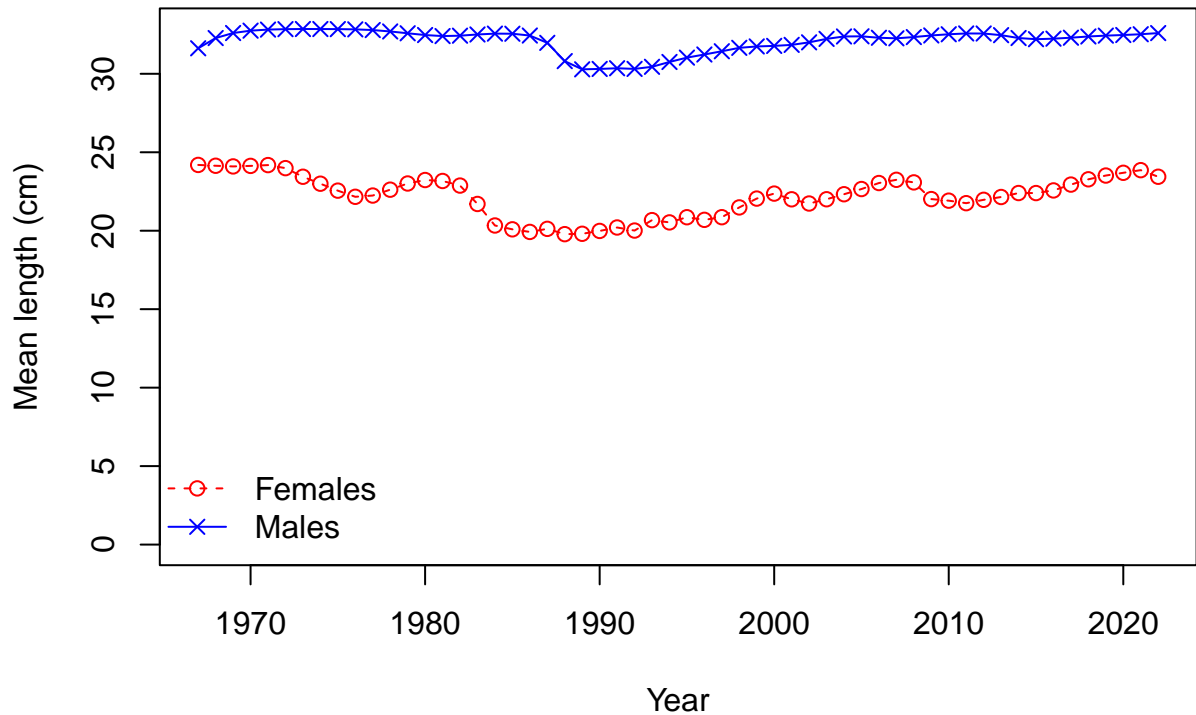




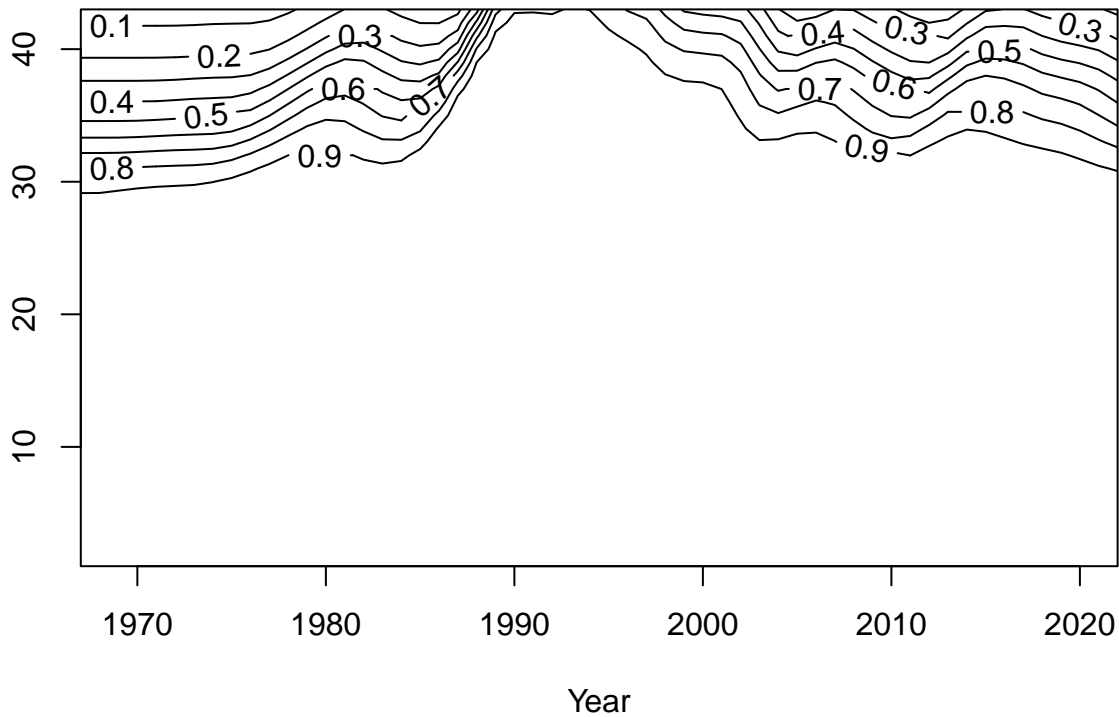


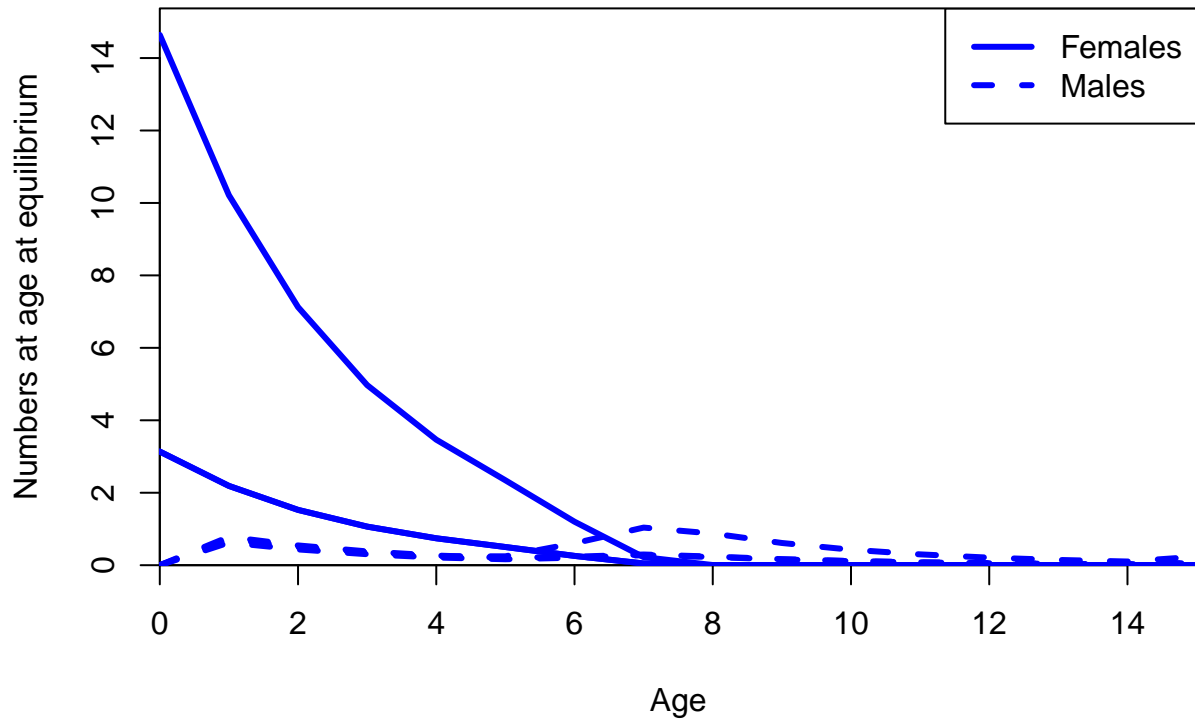






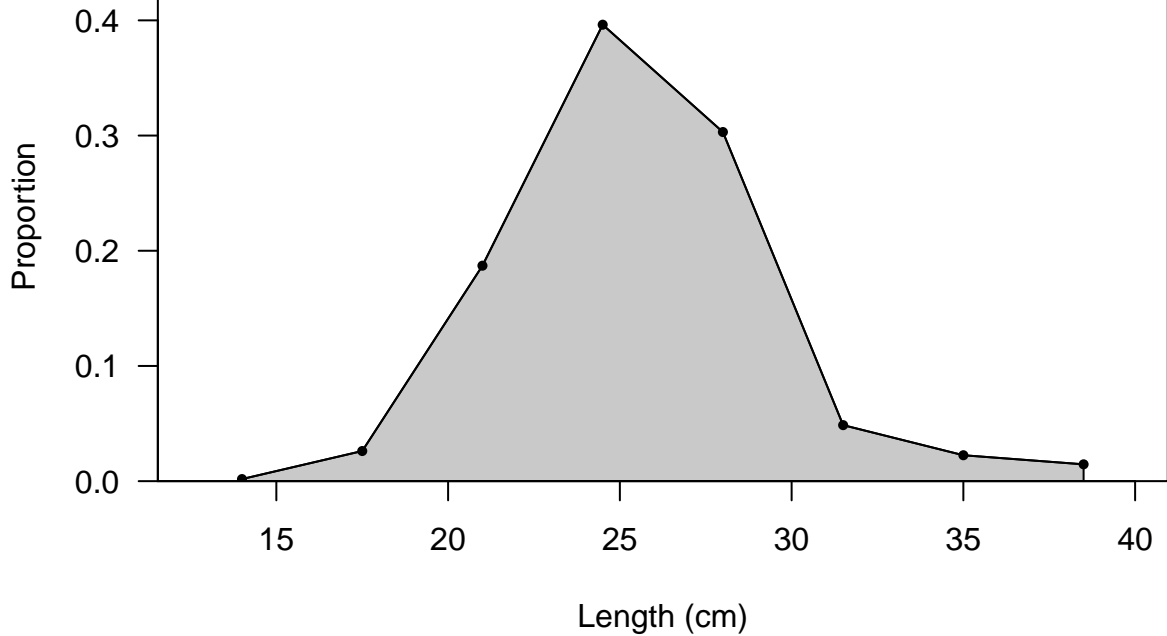
Length





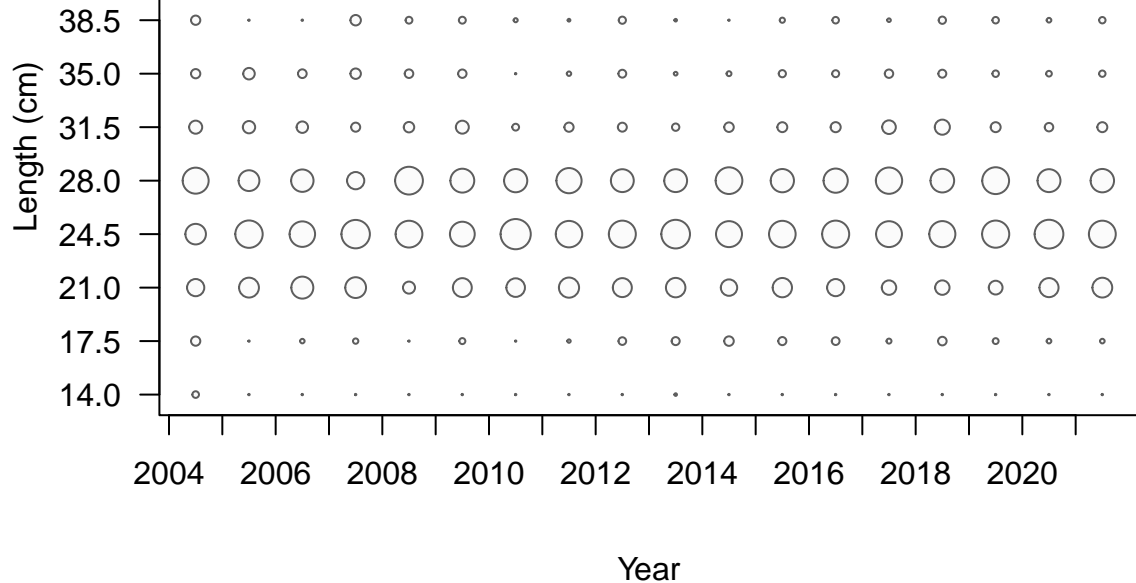
FISHERY

Sum of N input=5994

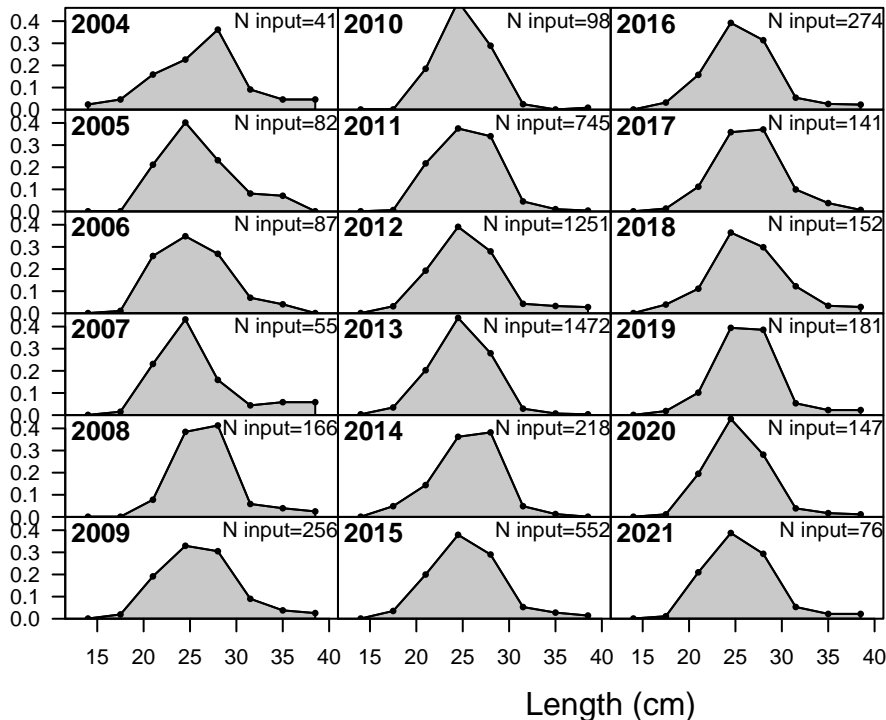


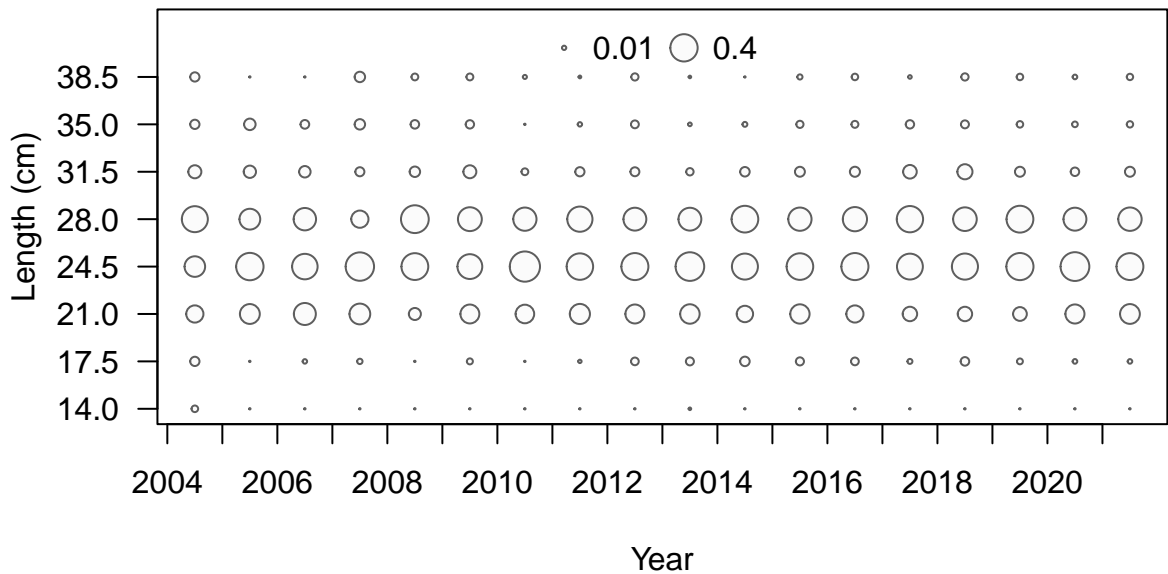
FISHERY

◦ 0.01 ○ 0.4

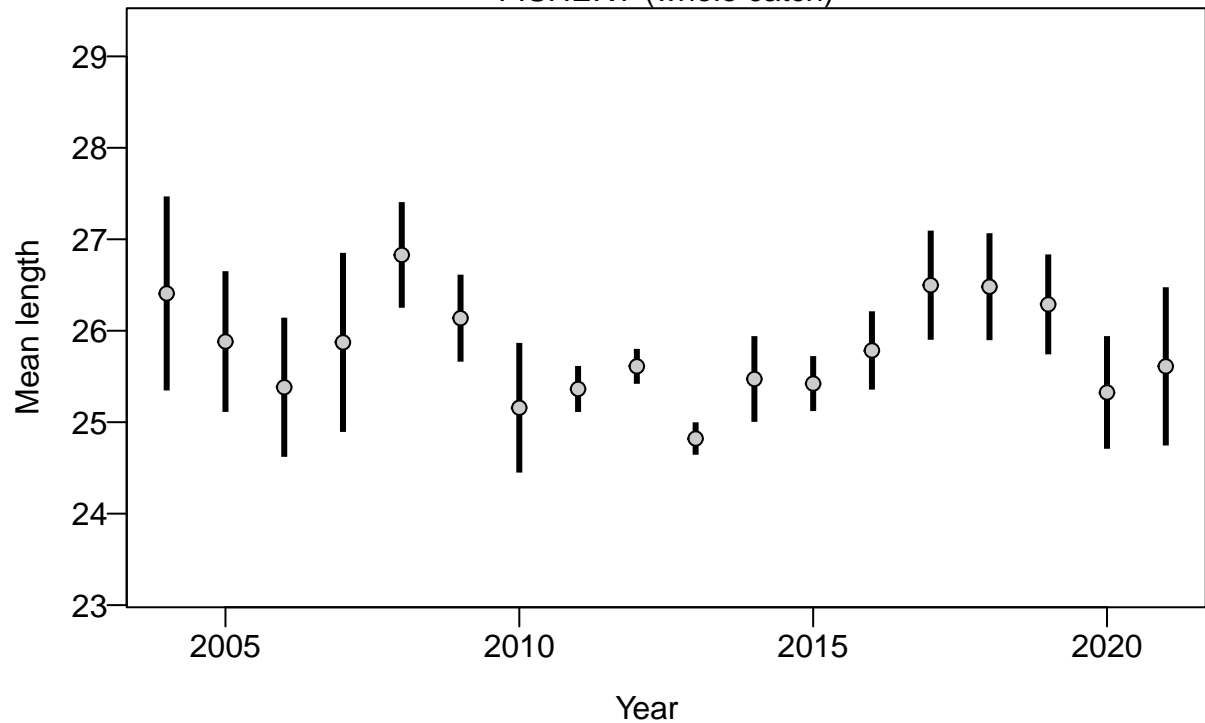


Proportion



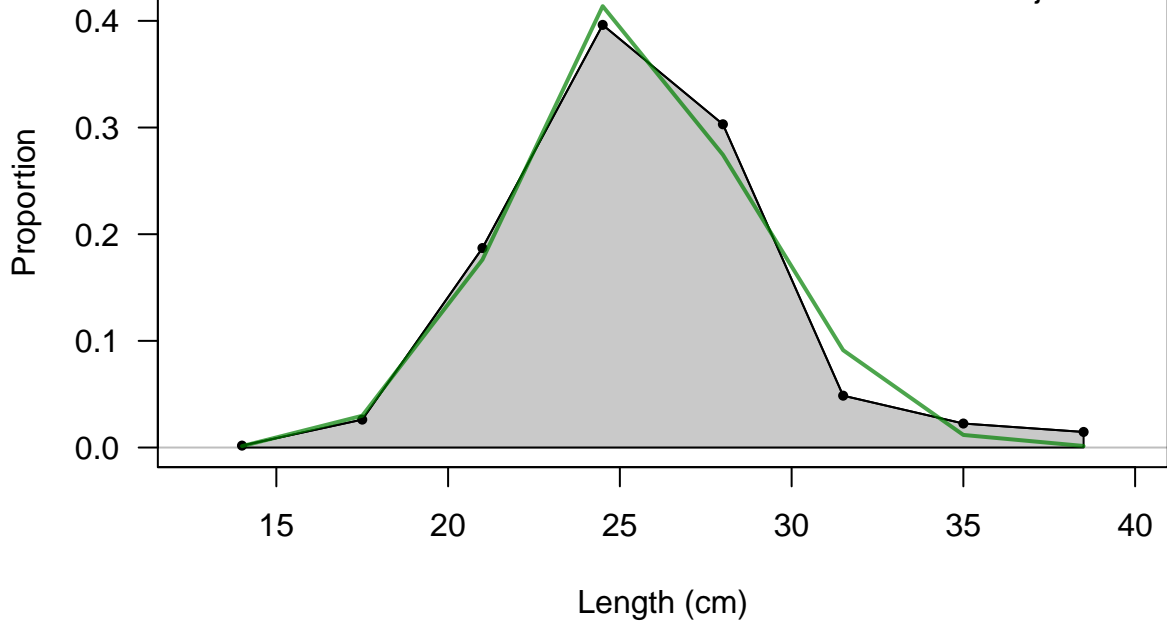


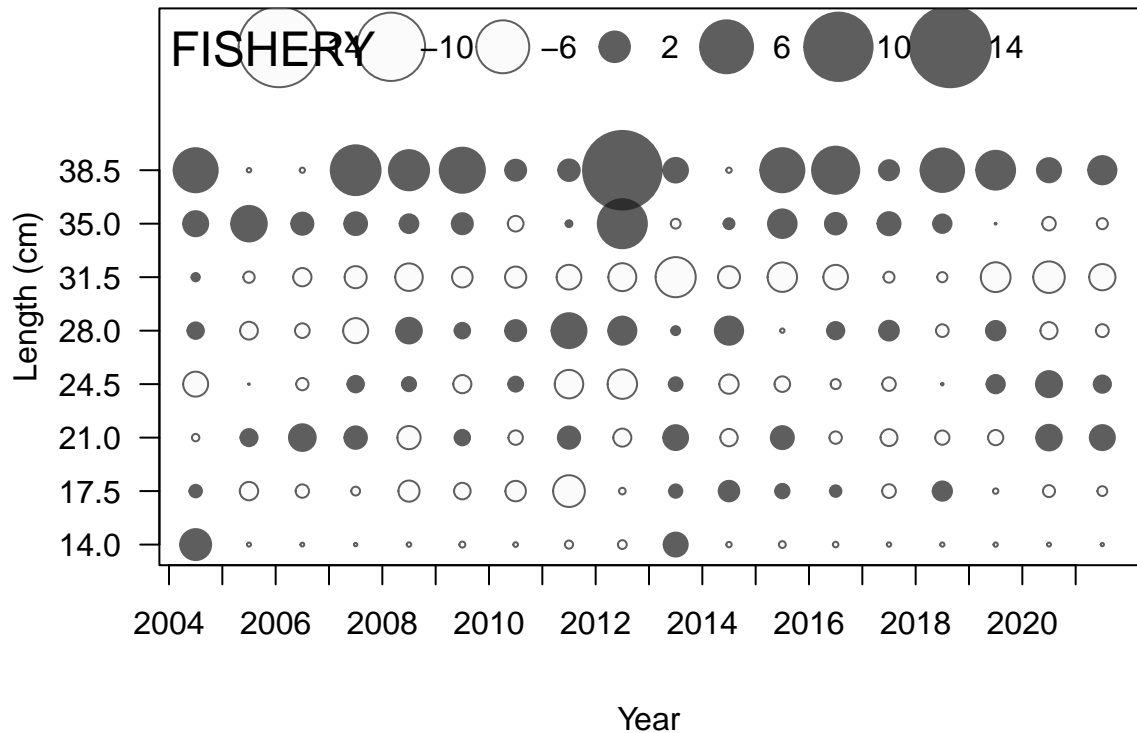
FISHERY (whole catch)



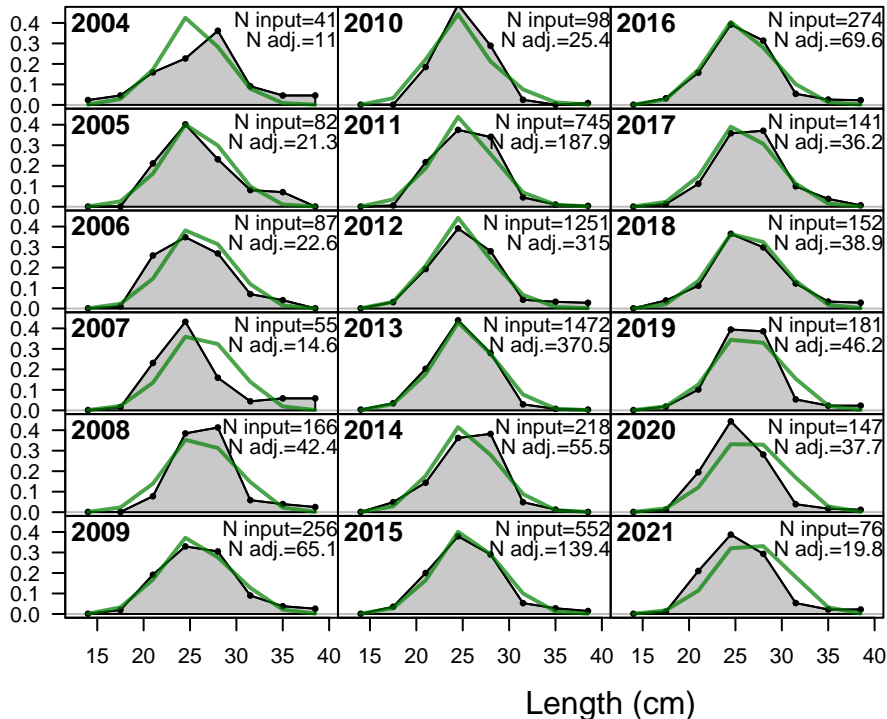
FISHERY

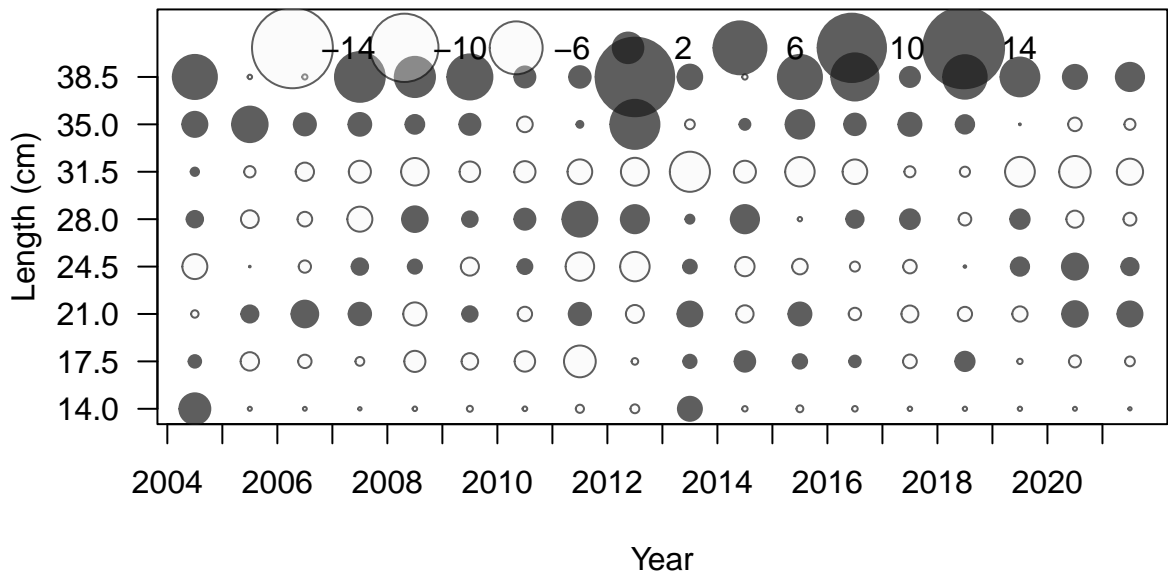
Sum of N input=5994
Sum of N adj.=1519.1



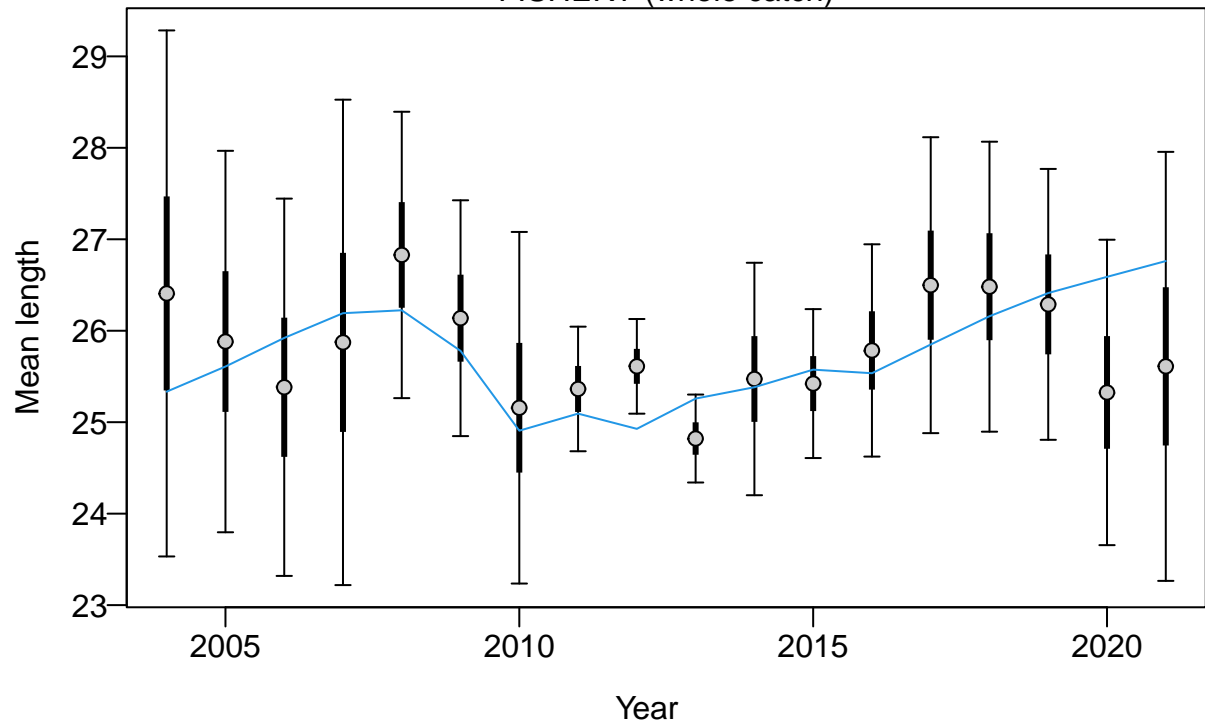


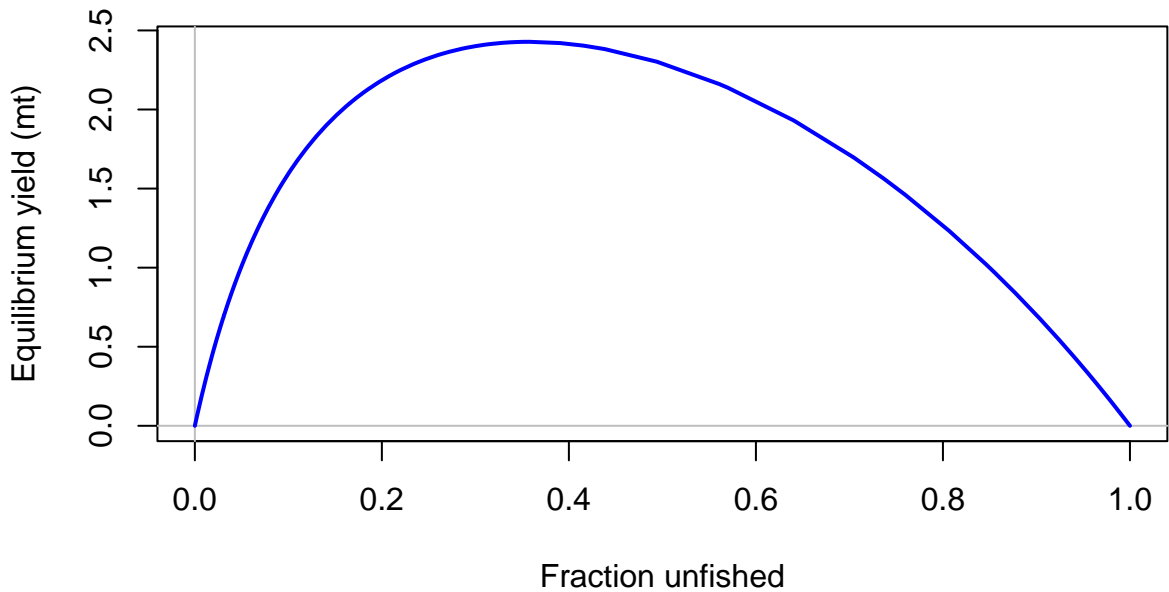
Proportion

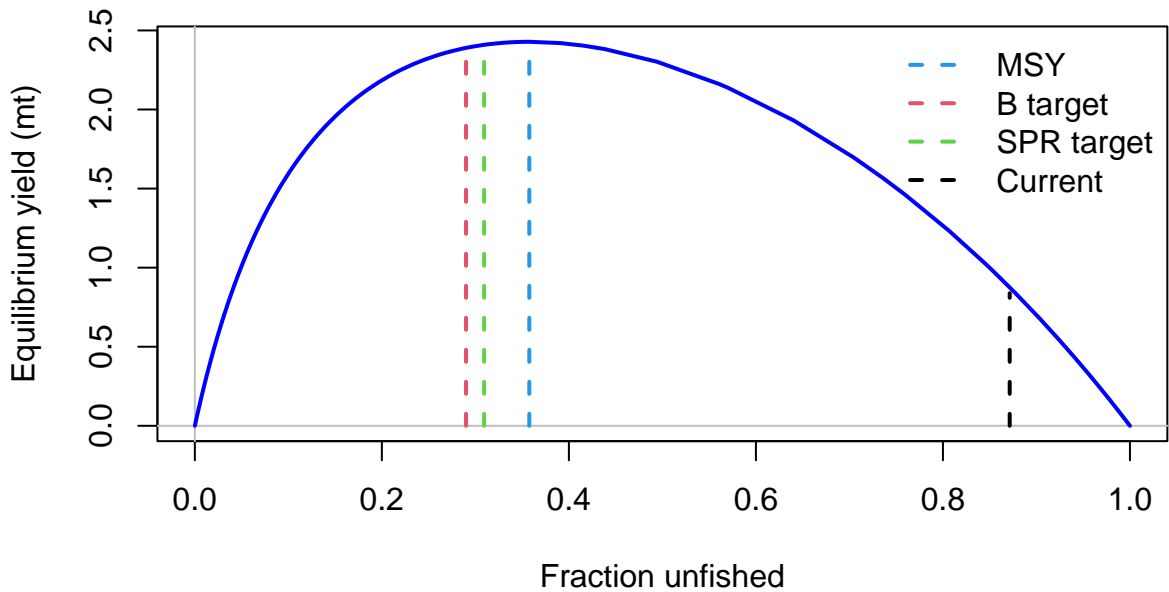


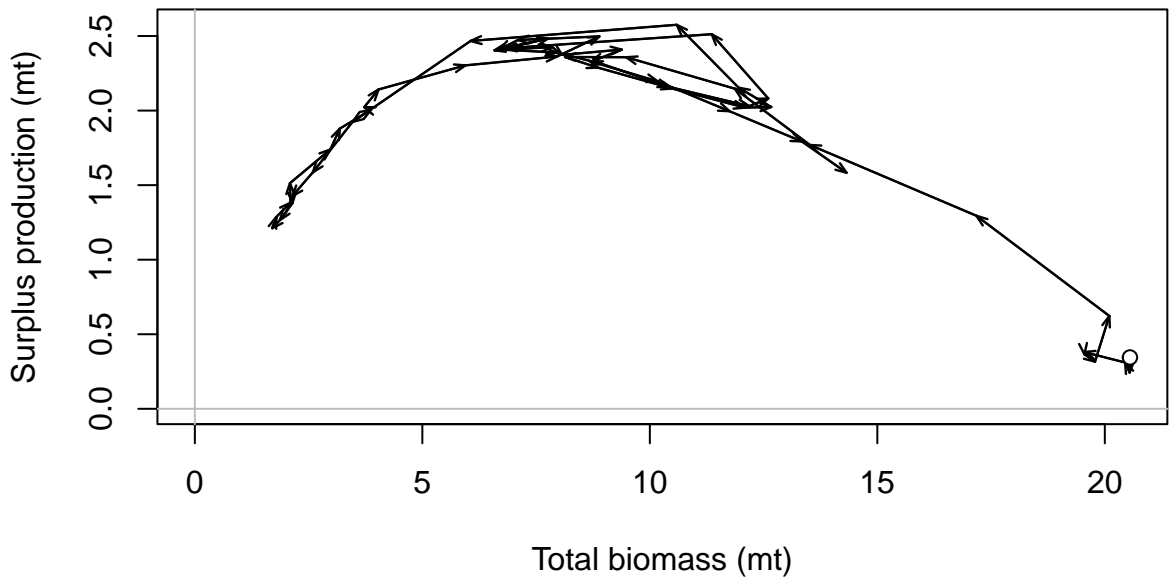


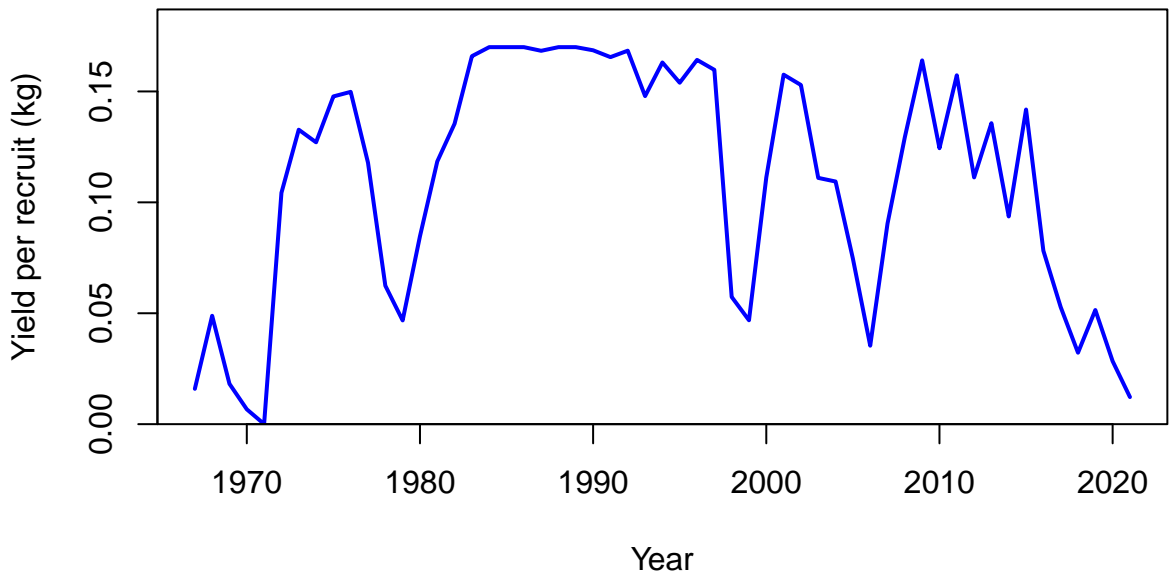
FISHERY (whole catch)

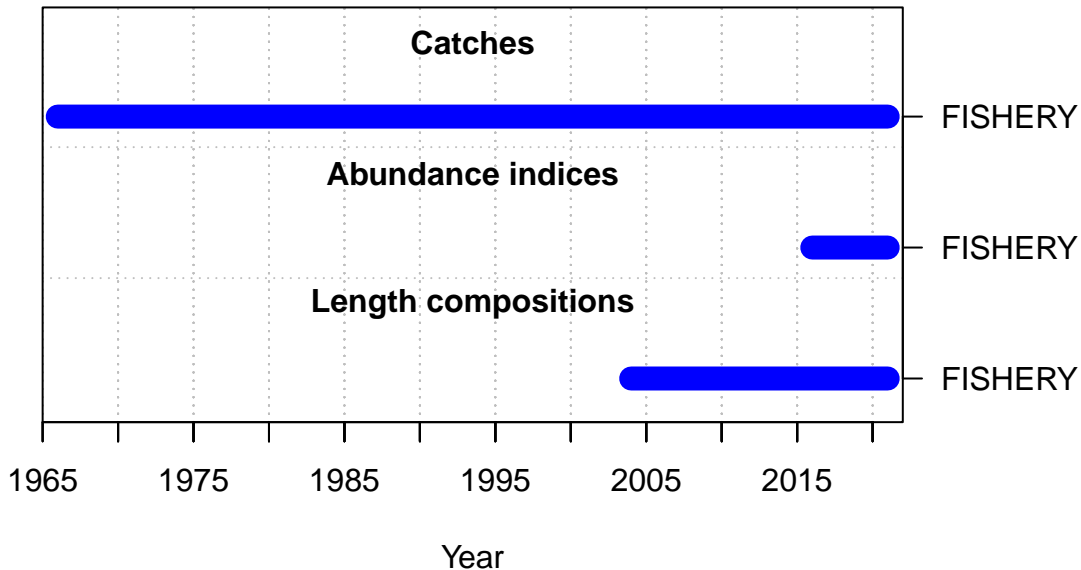


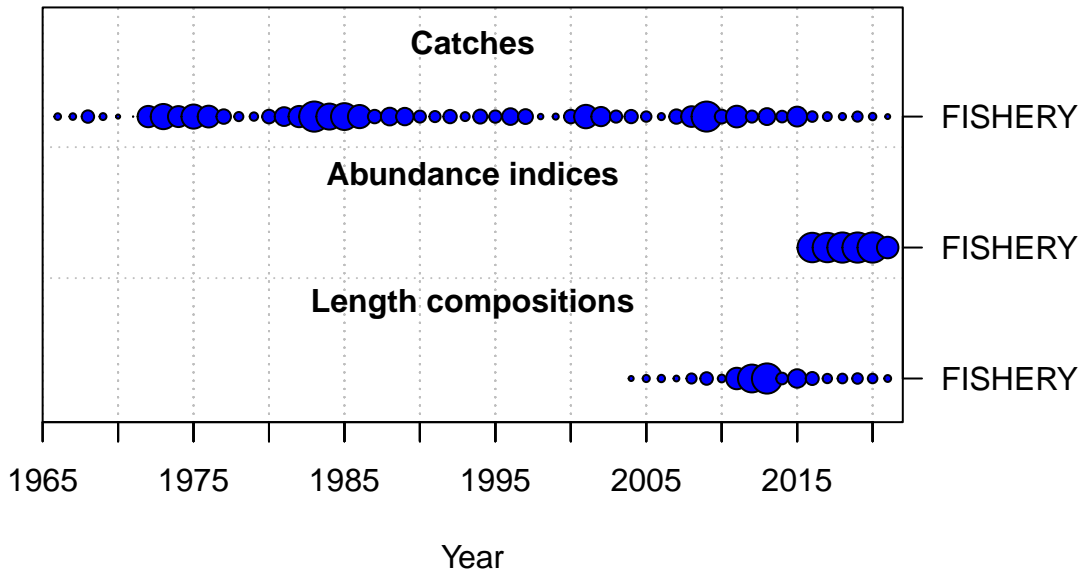




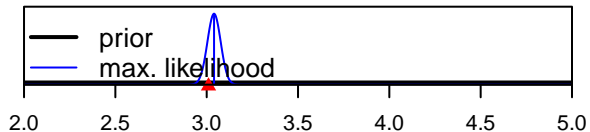




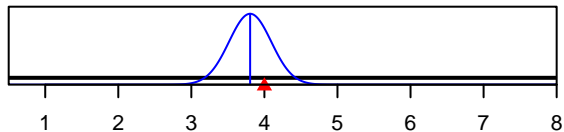




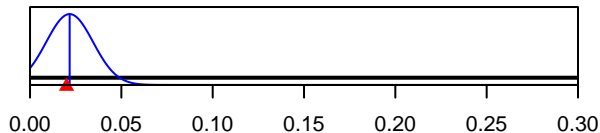
SR_LN(R0)



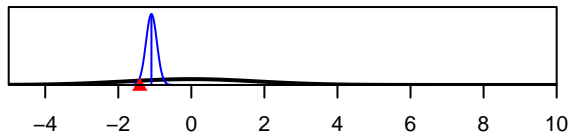
Size_95%width_FISHERY(1)



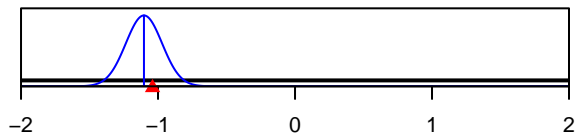
InitF_seas_1flt_1FISHERY



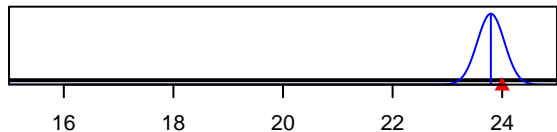
ln(DM_theta)_1



LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Parameter value