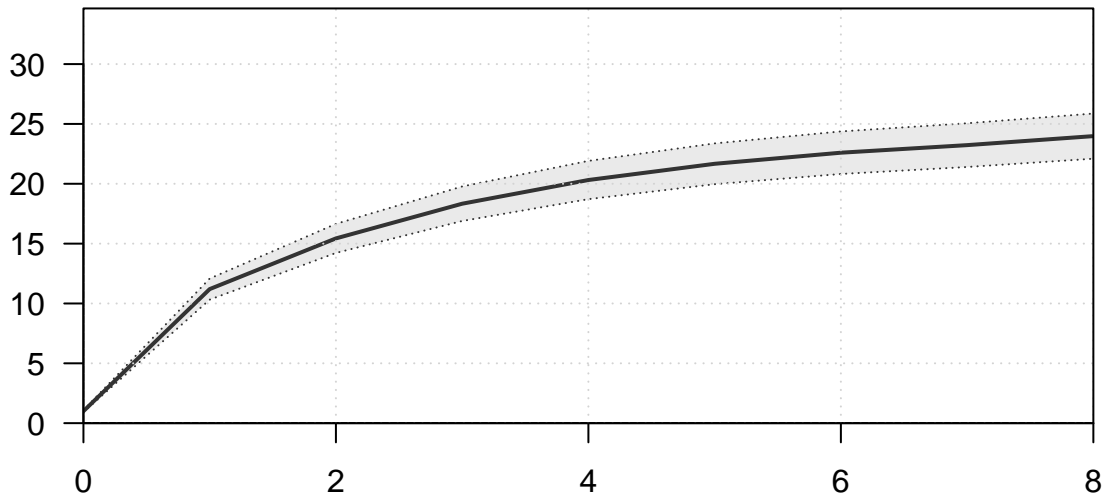


Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Sun Feb 19 14:52:06 2023
Data_File: data.ss
Control_File: control.ss

Length (cm, beginning of the year)



Age (yr)











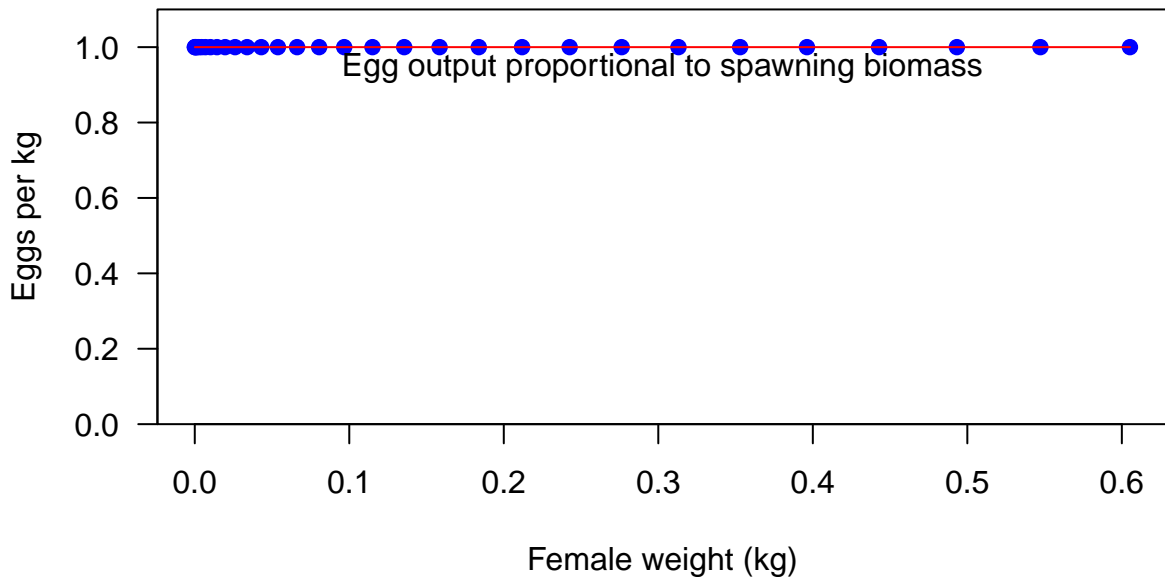






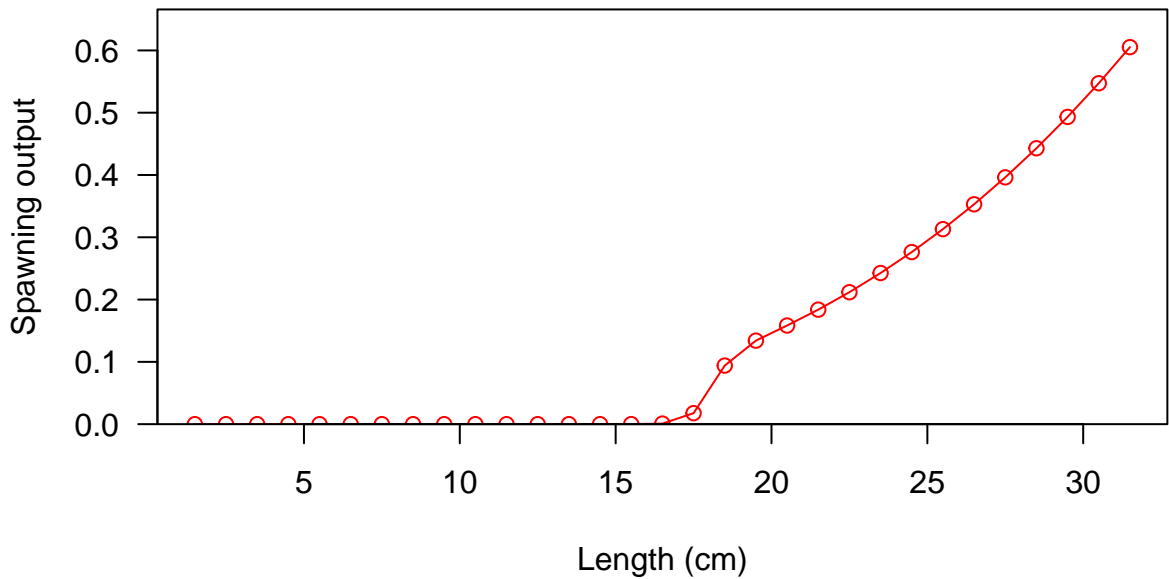






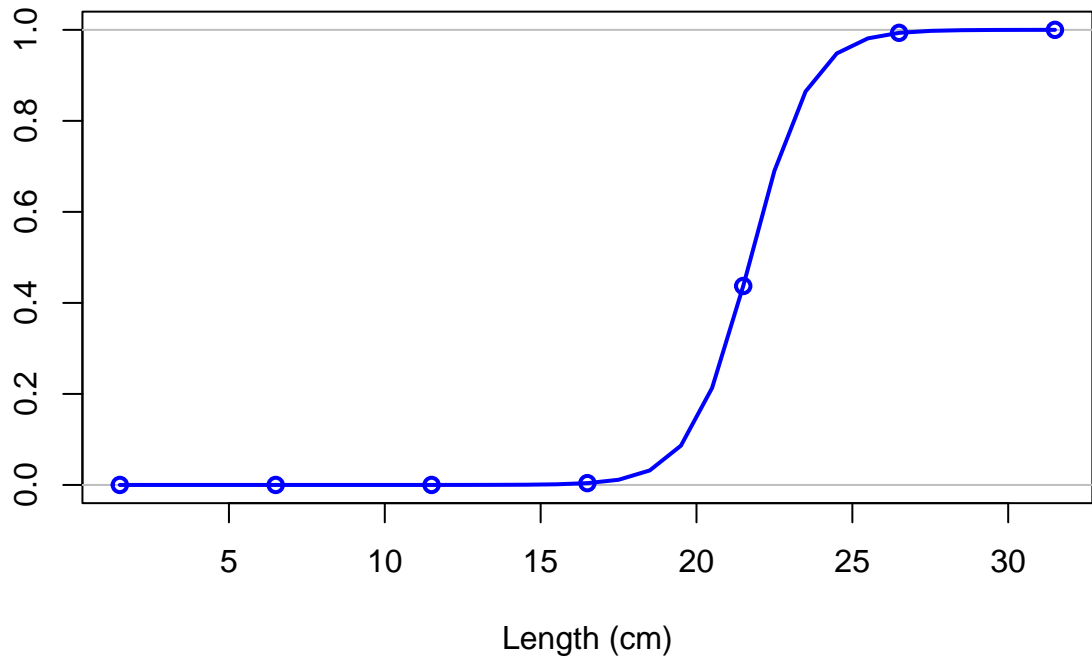




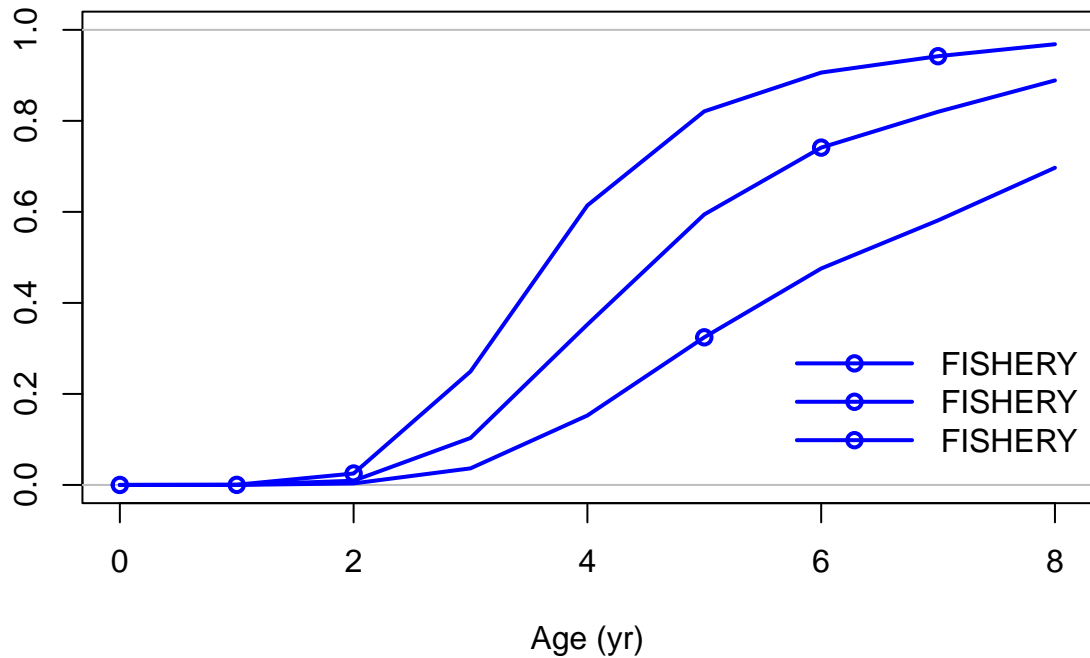




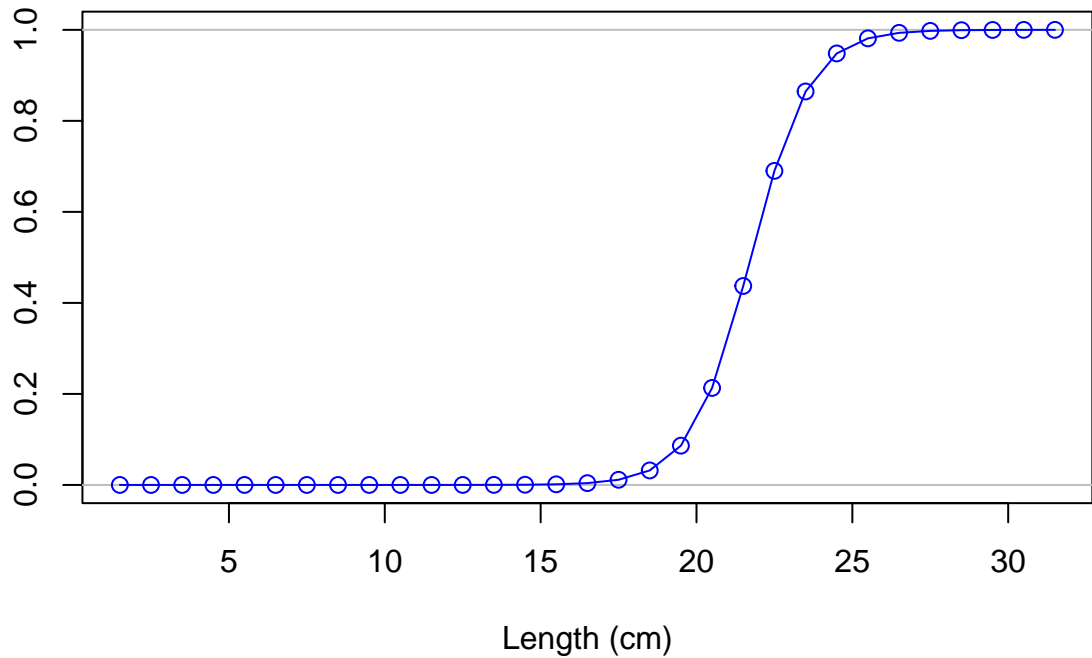
Selectivity

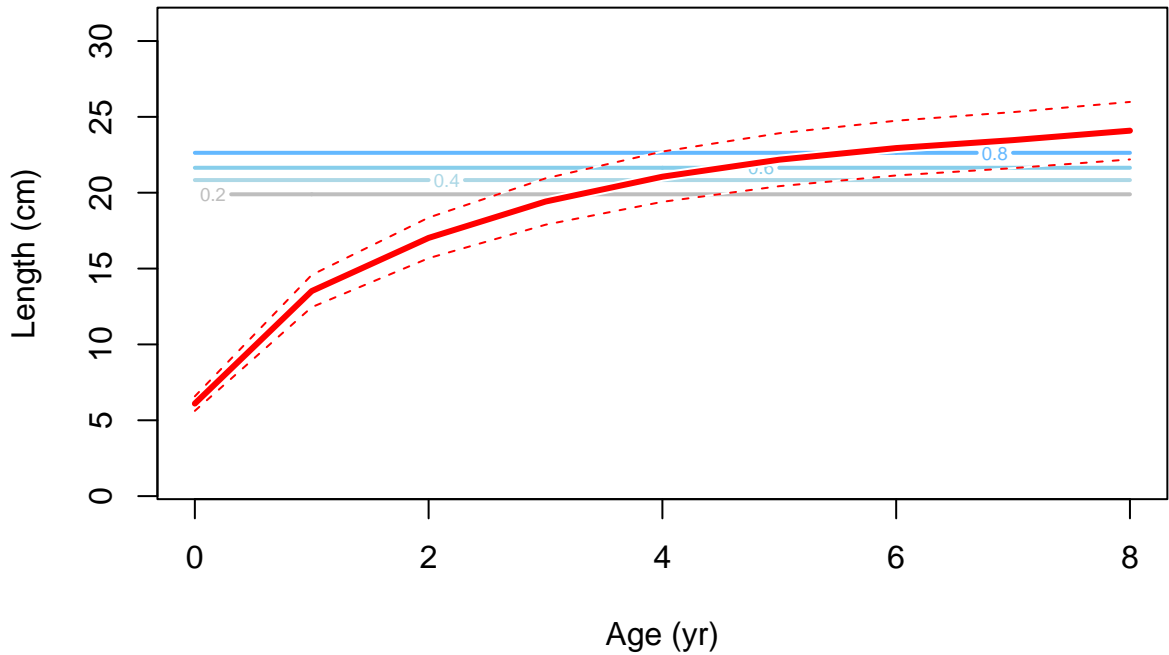


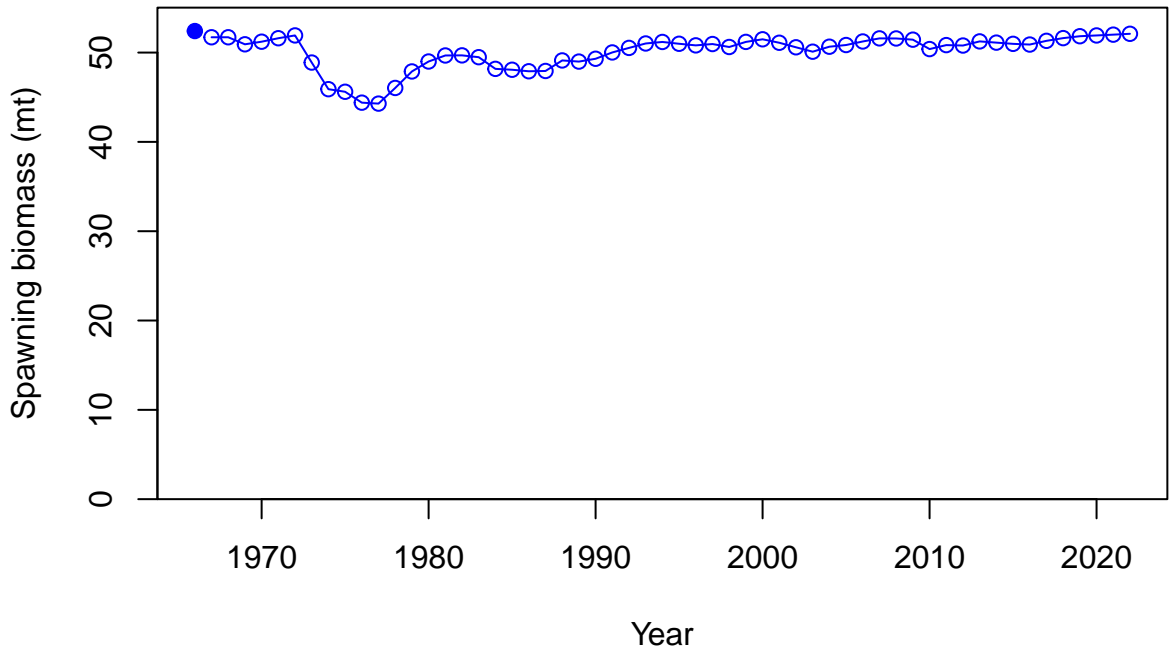
Selectivity

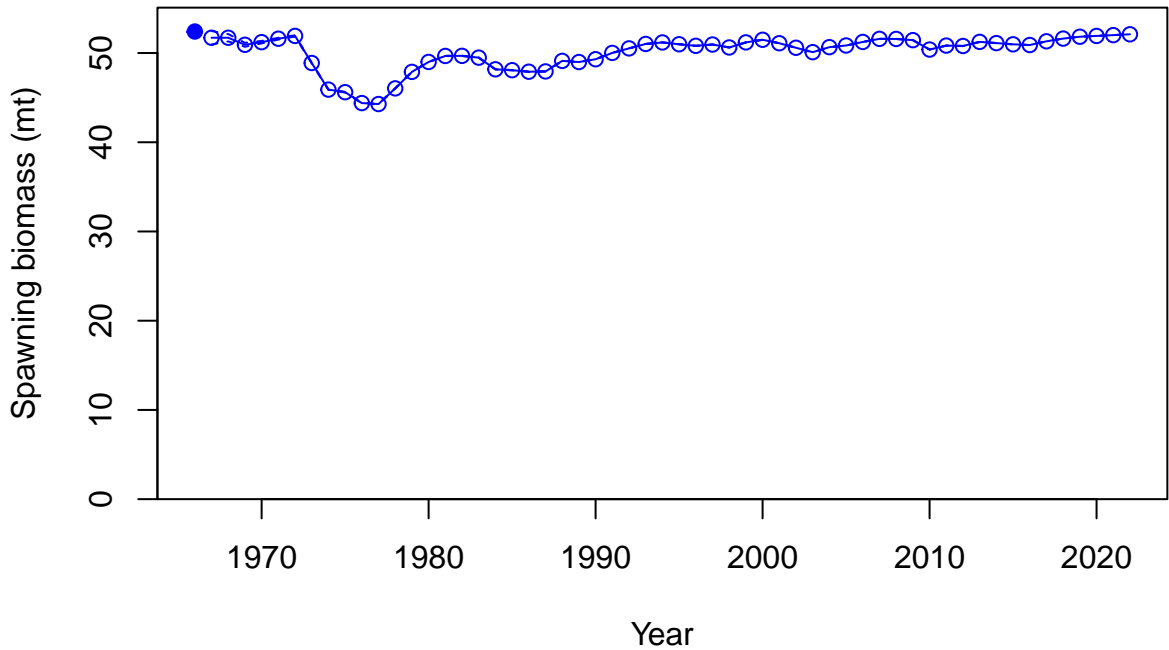


Selectivity

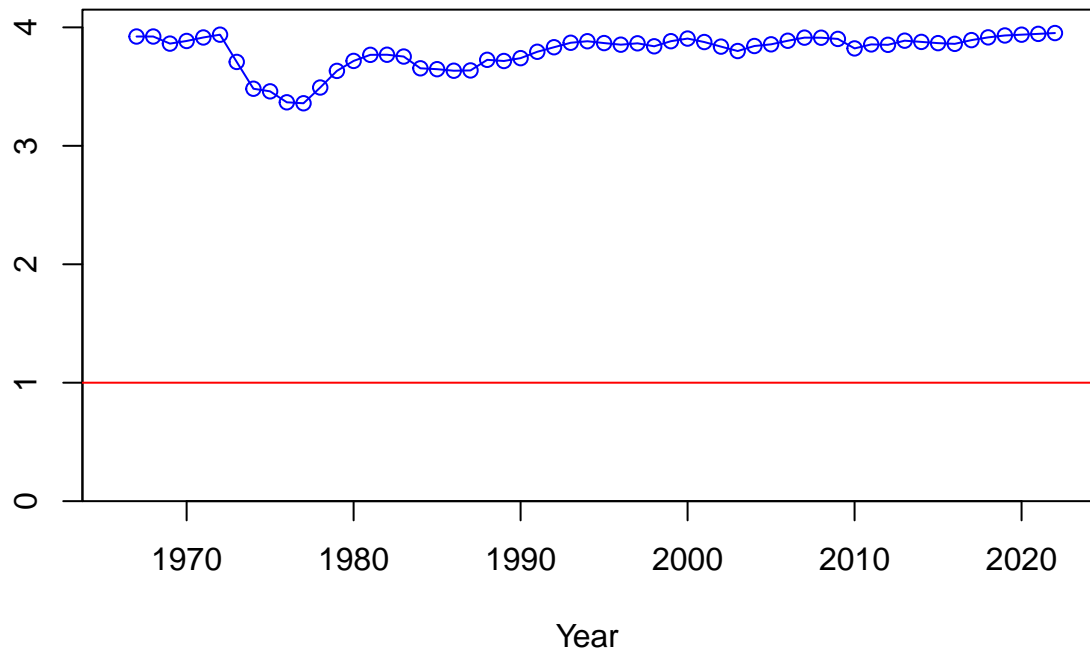




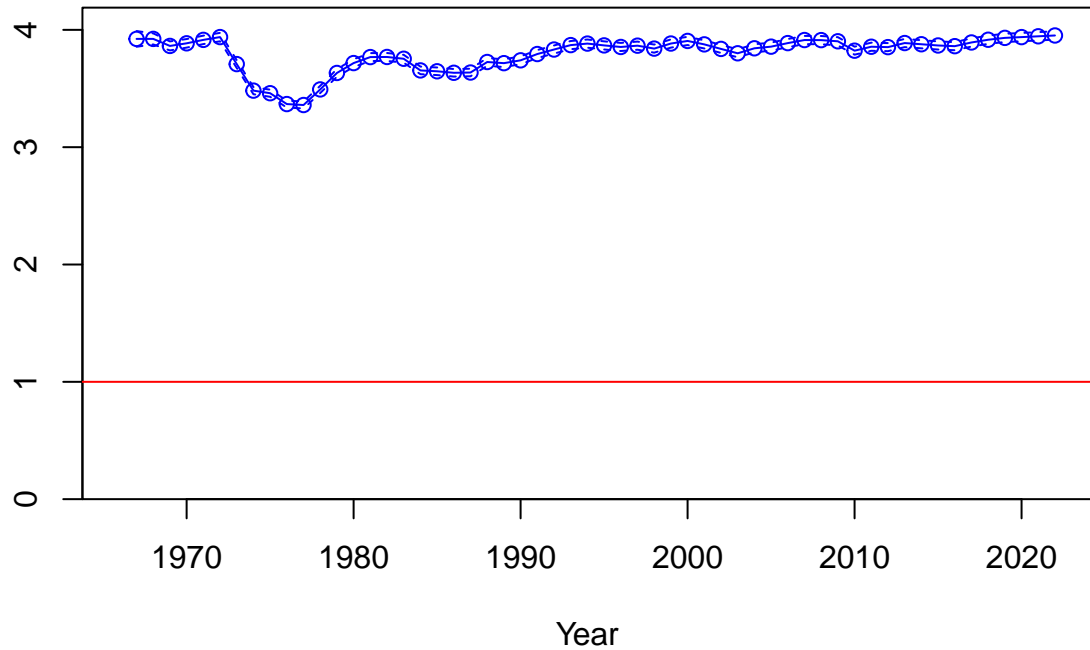


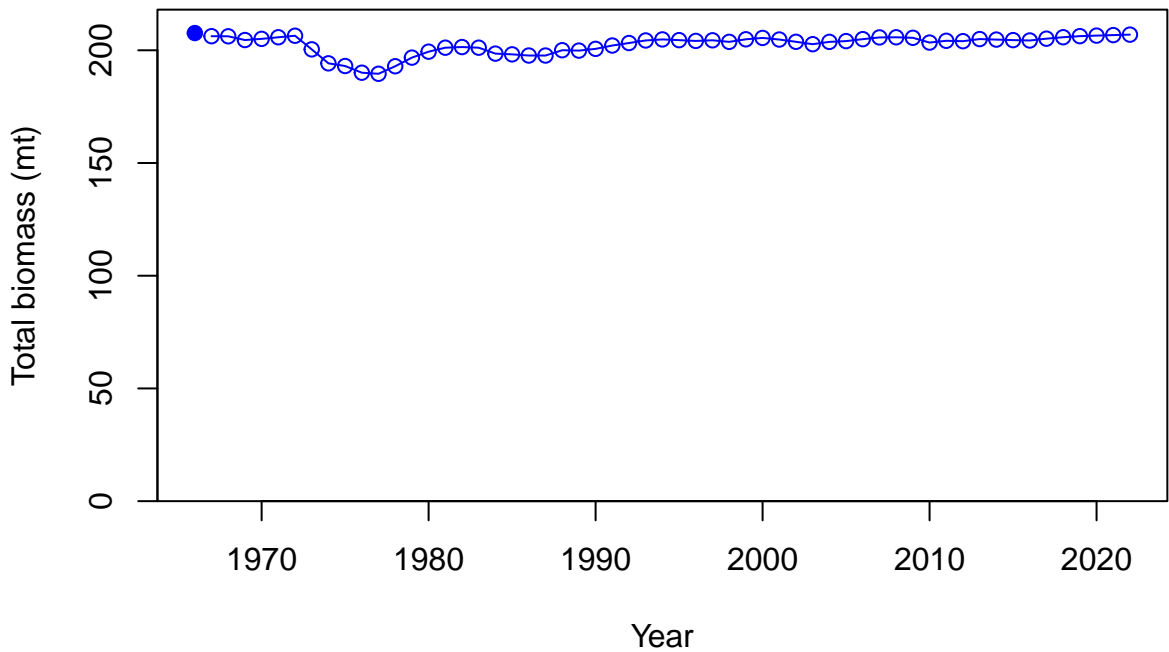


Relative spawning biomass: B/B_MSY

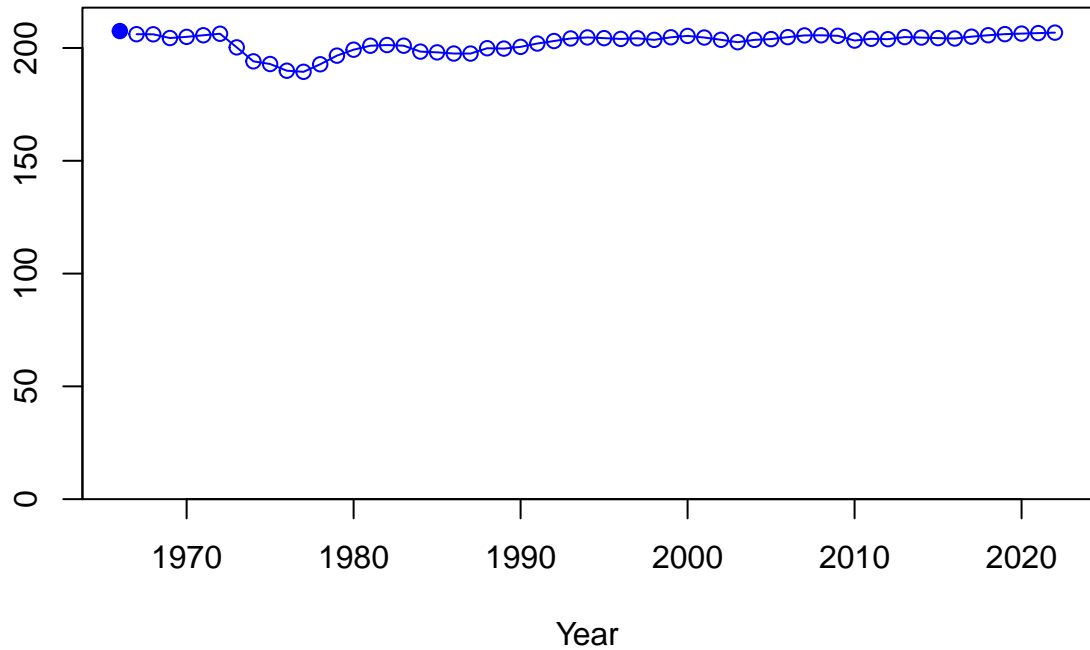


Relative spawning biomass: B/B_MSY

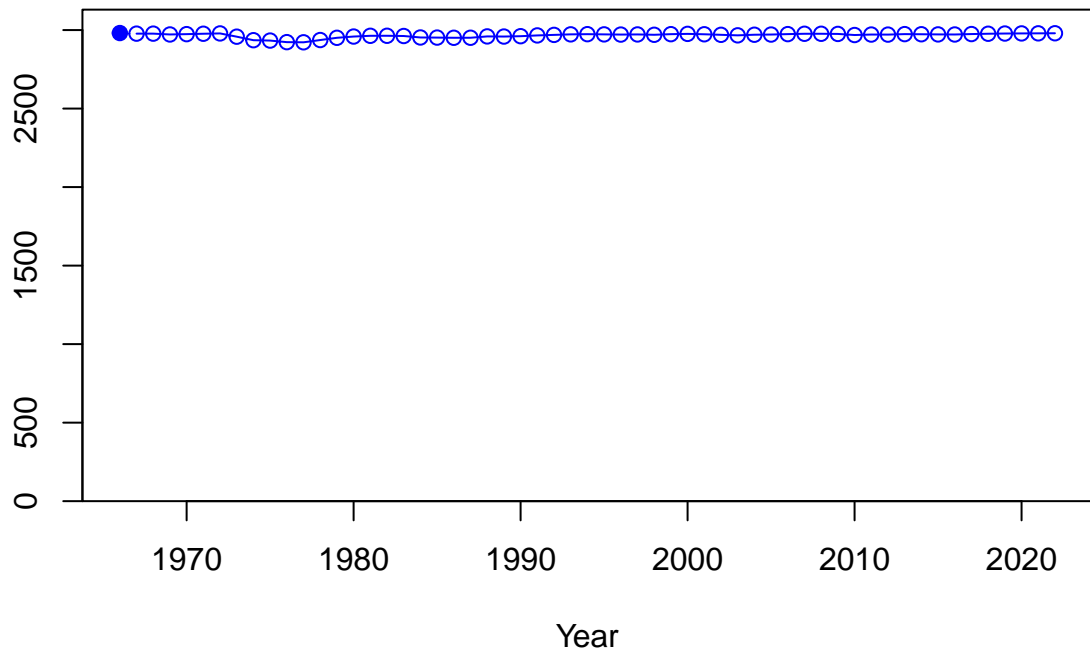




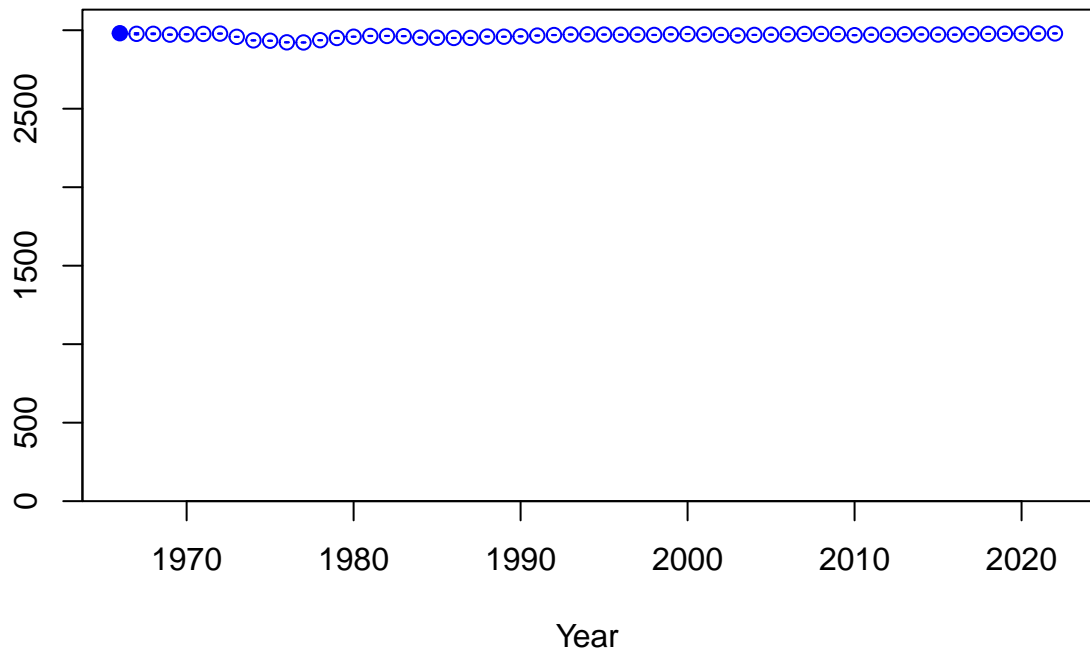
Summary biomass (mt)



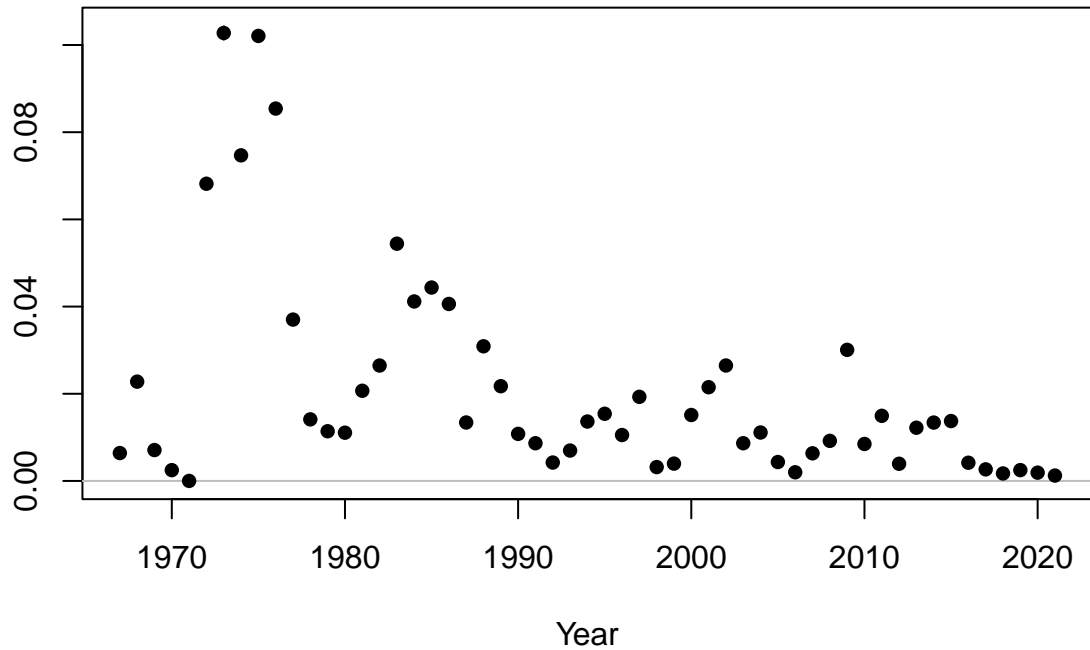
Age-0 recruits (1,000s)

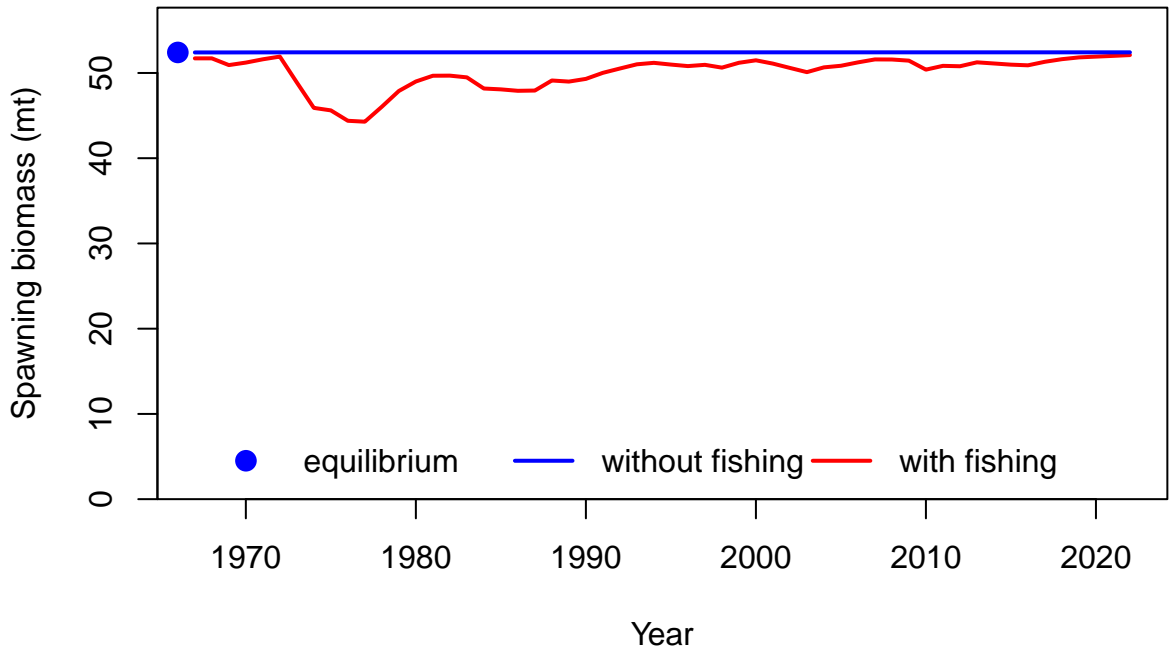


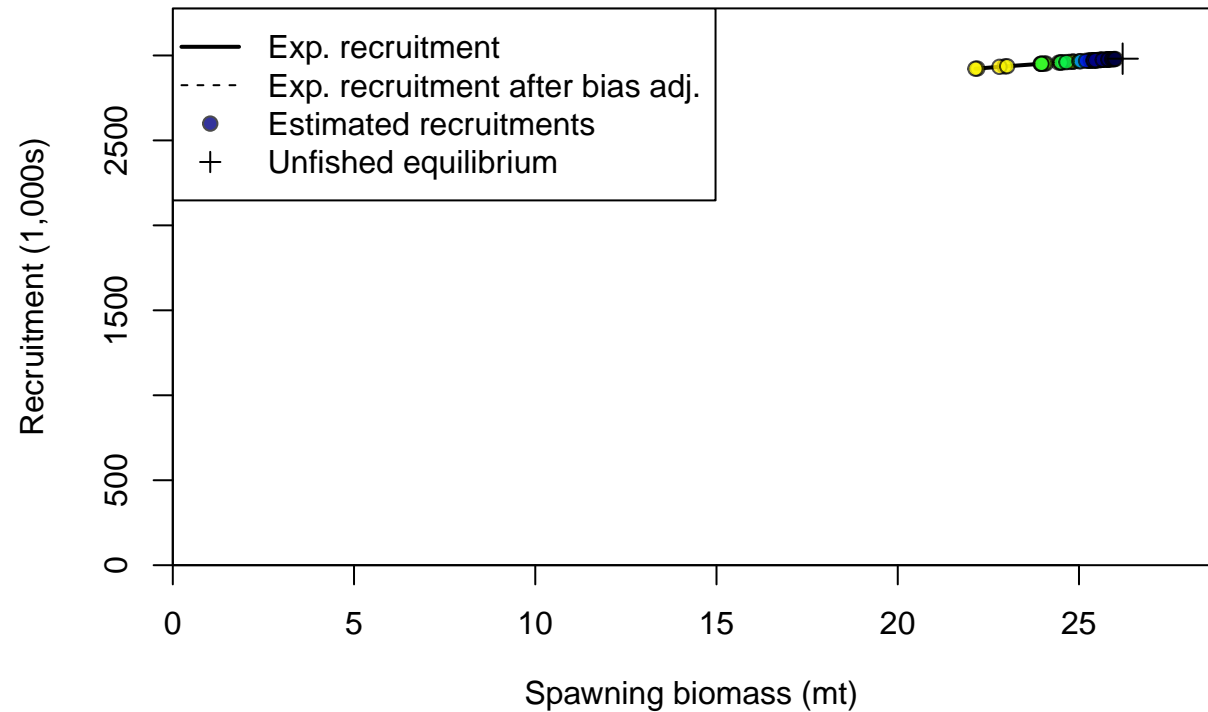
Age-0 recruits (1,000s)

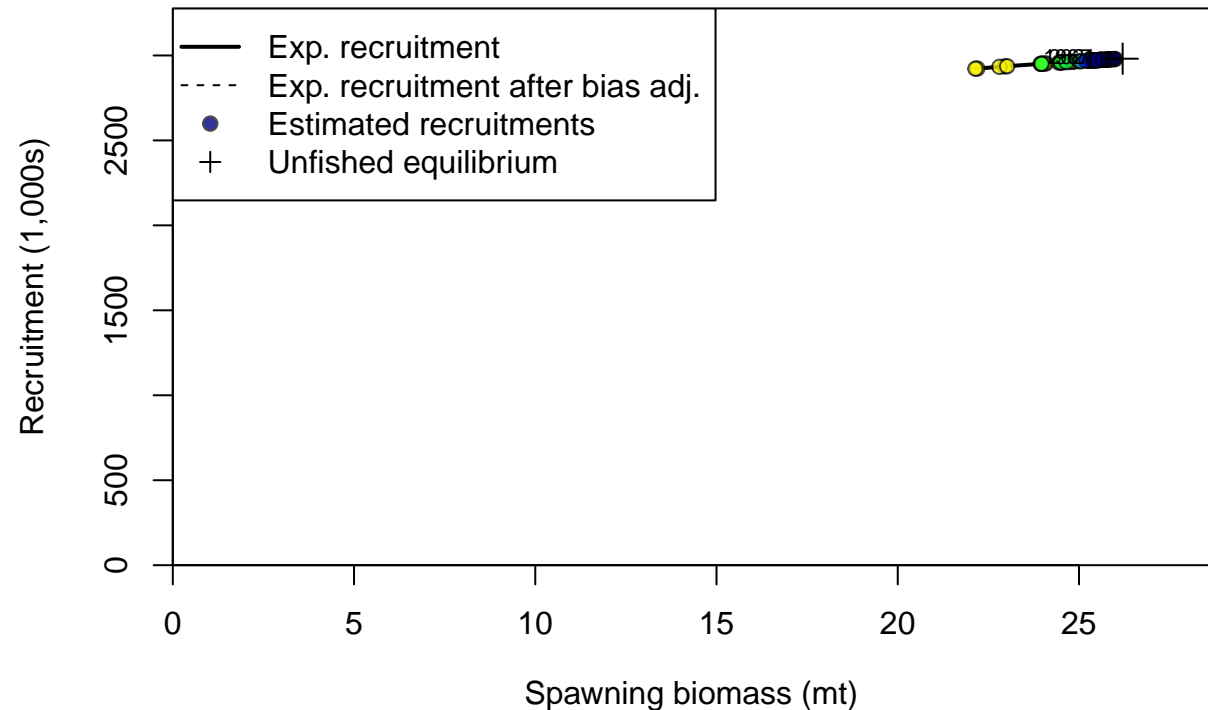


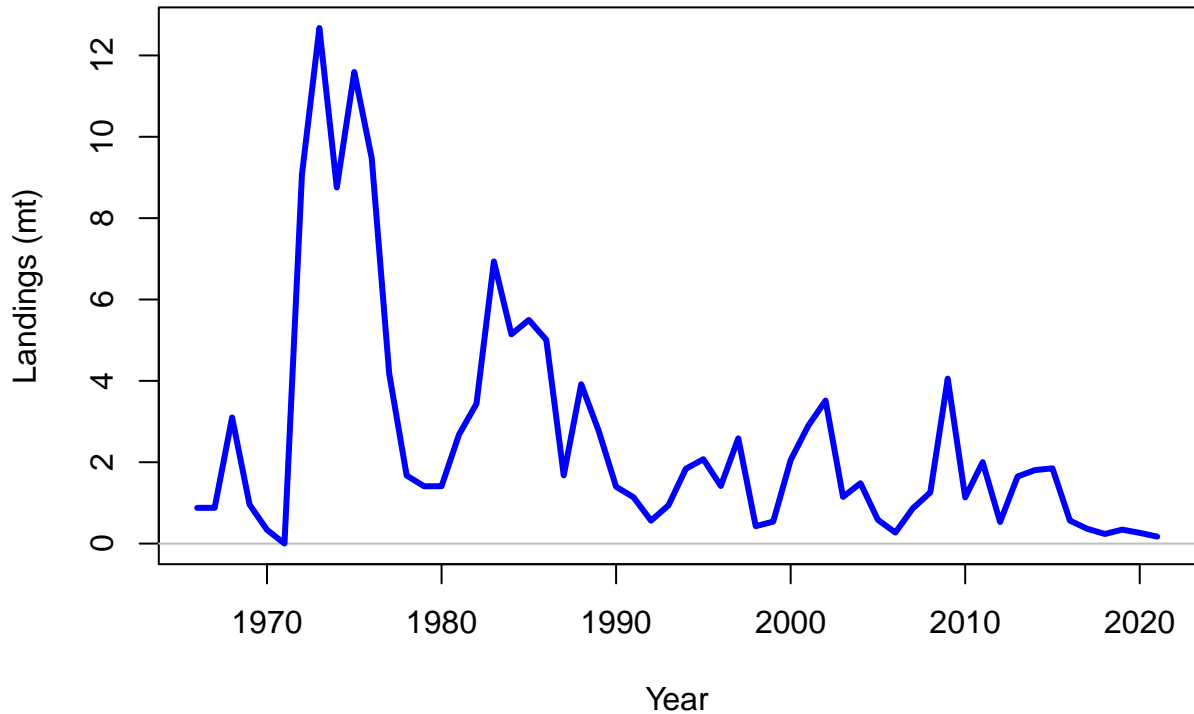
Summary Fishing Mortality

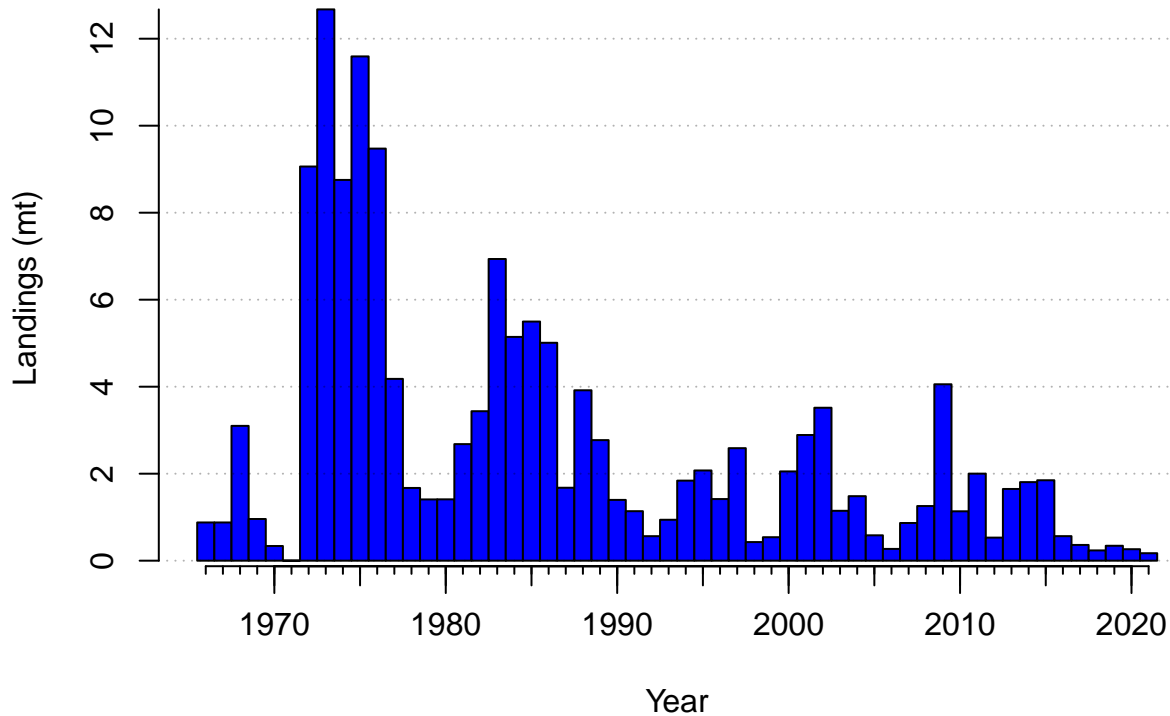




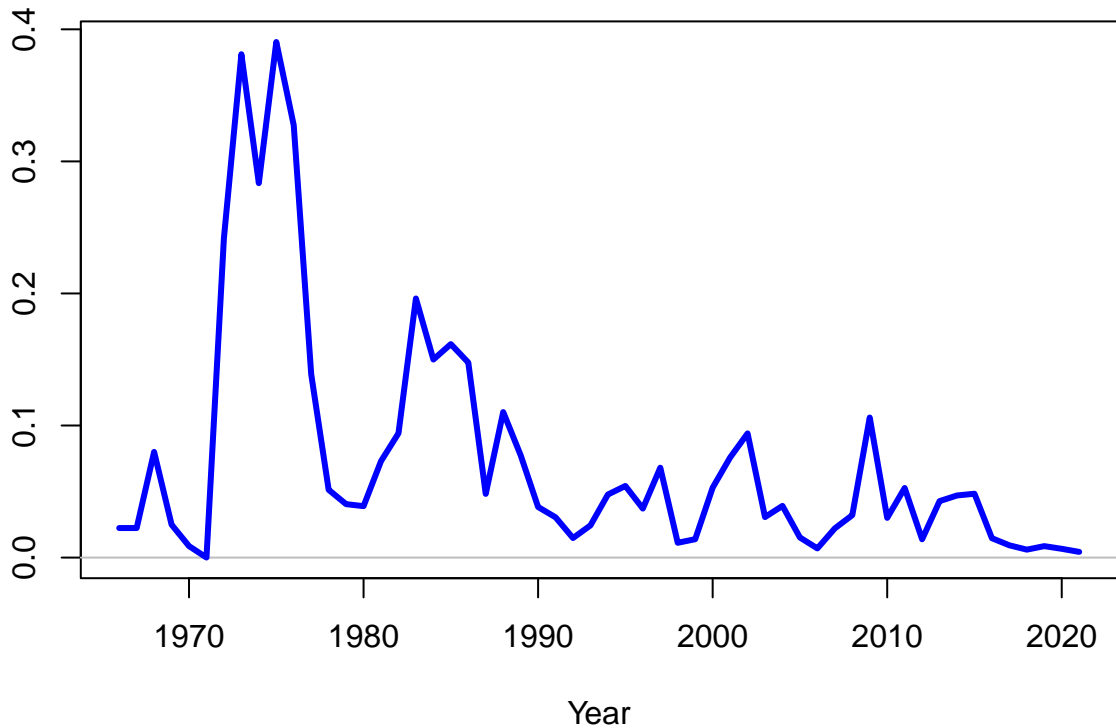




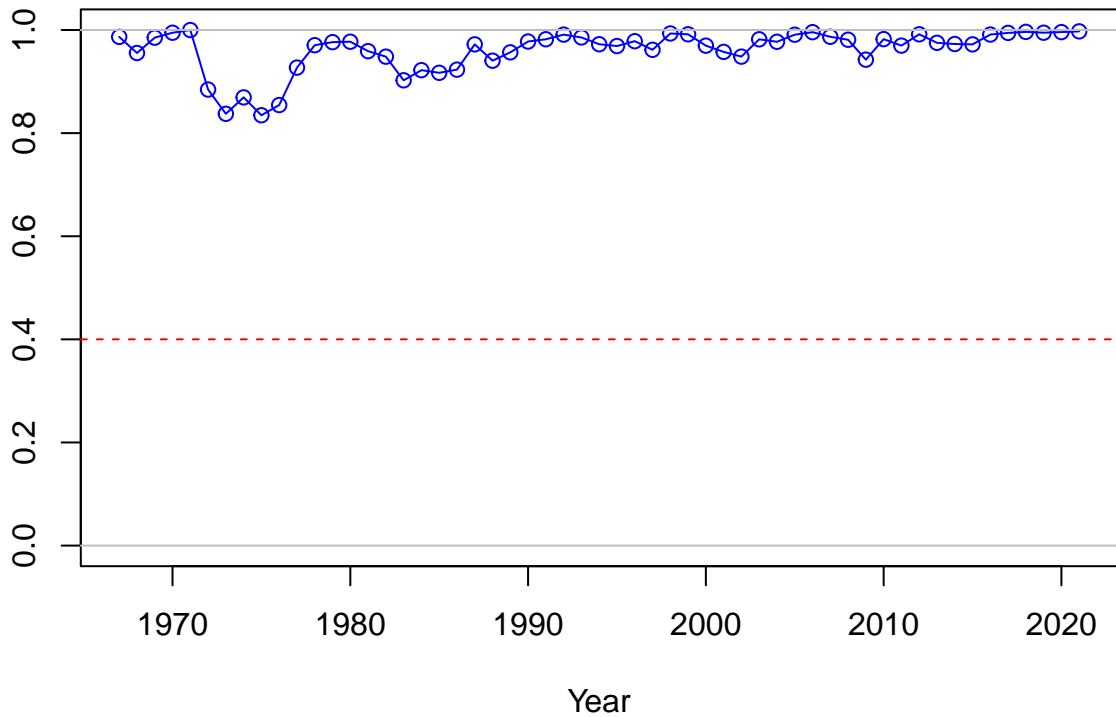




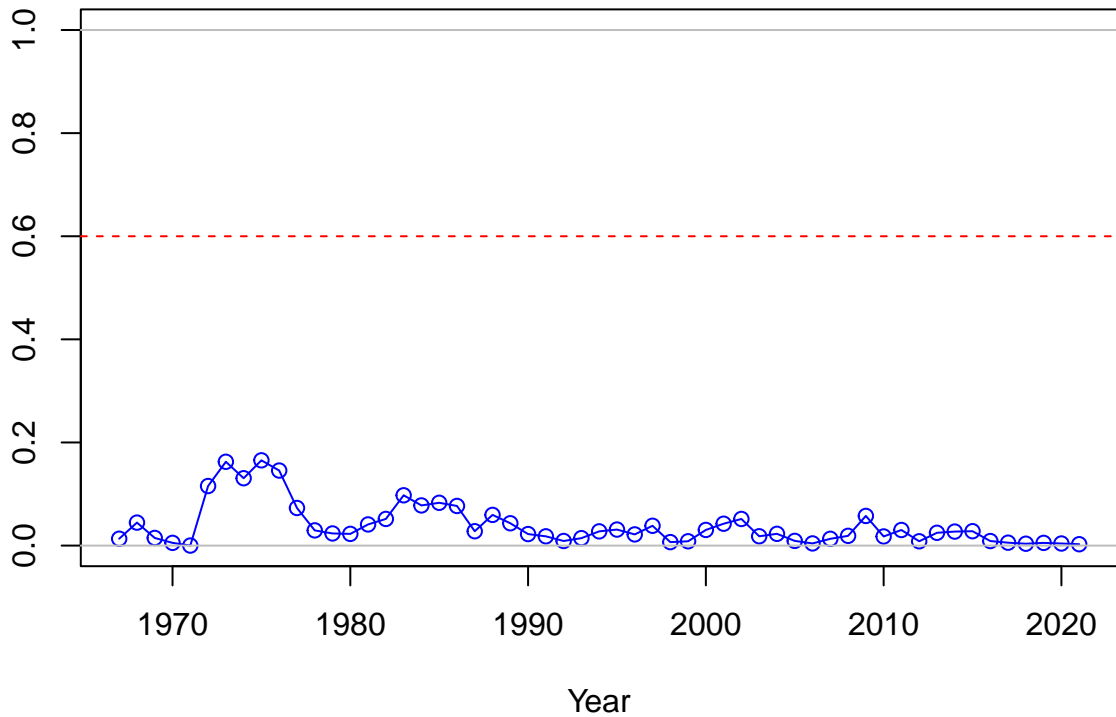
Continuous F



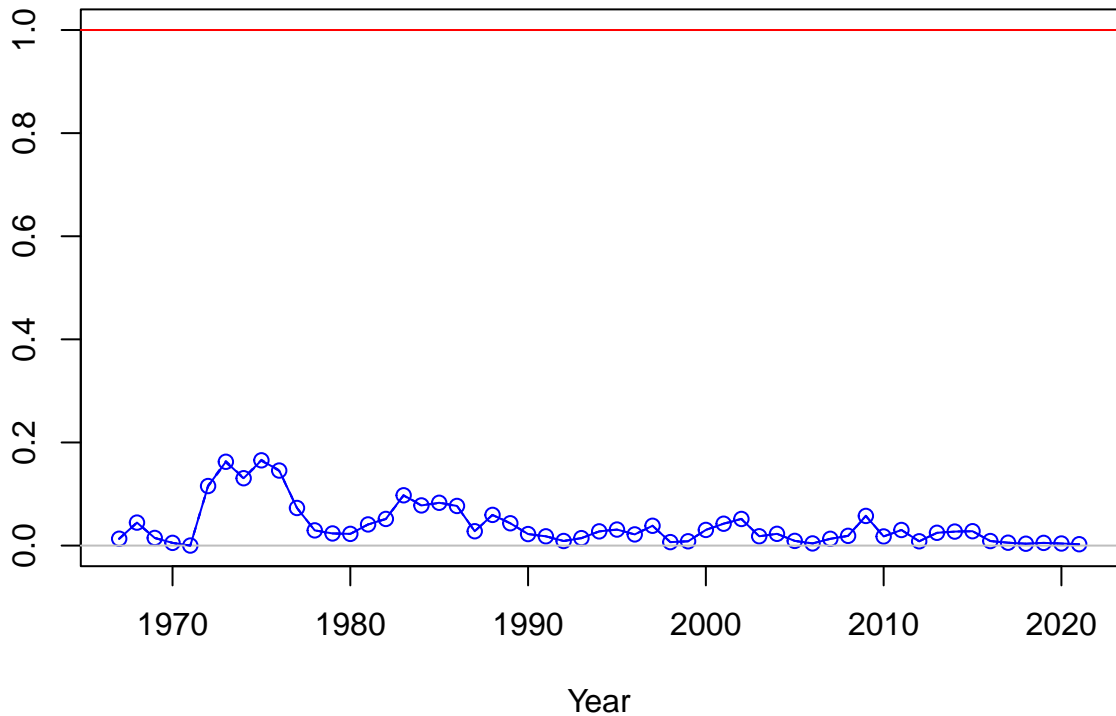
SPR



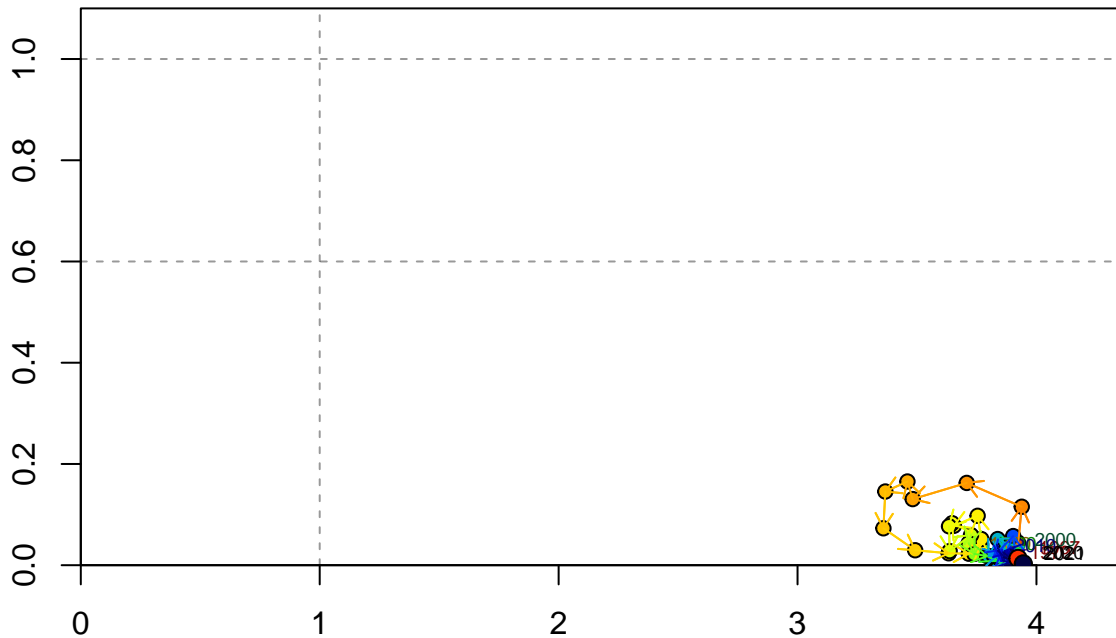
1-SPR



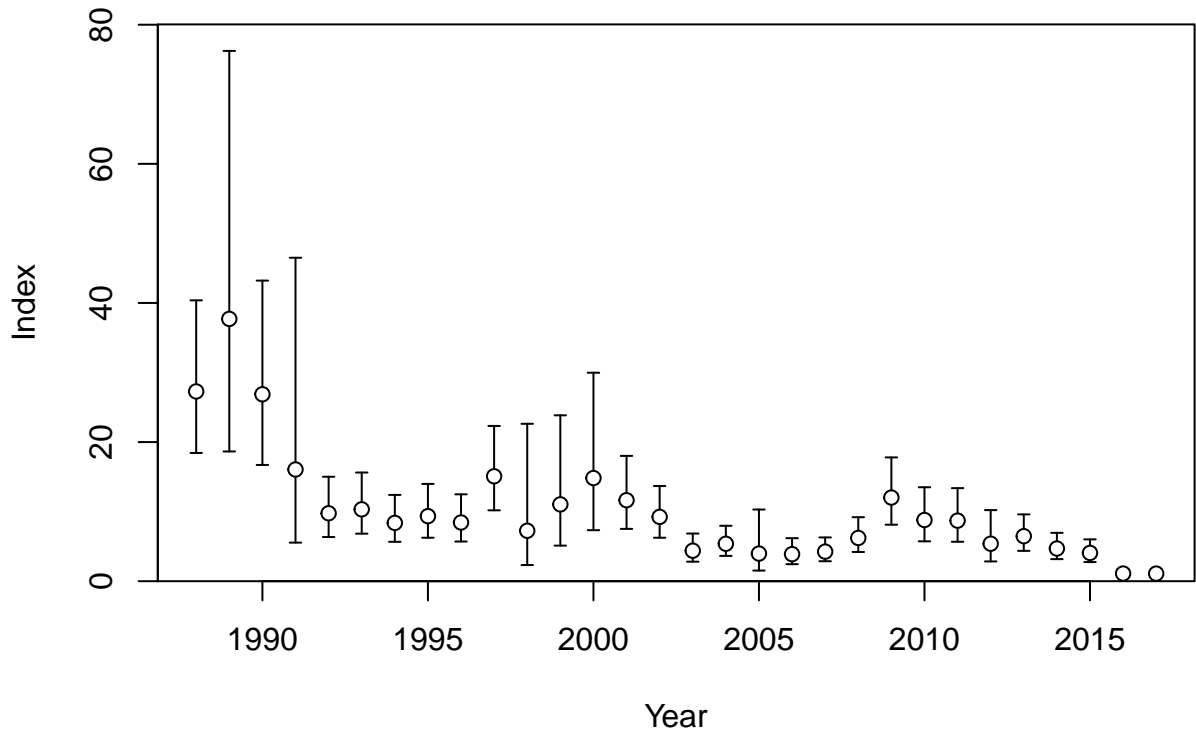
Fishing intensity: 1-SPR

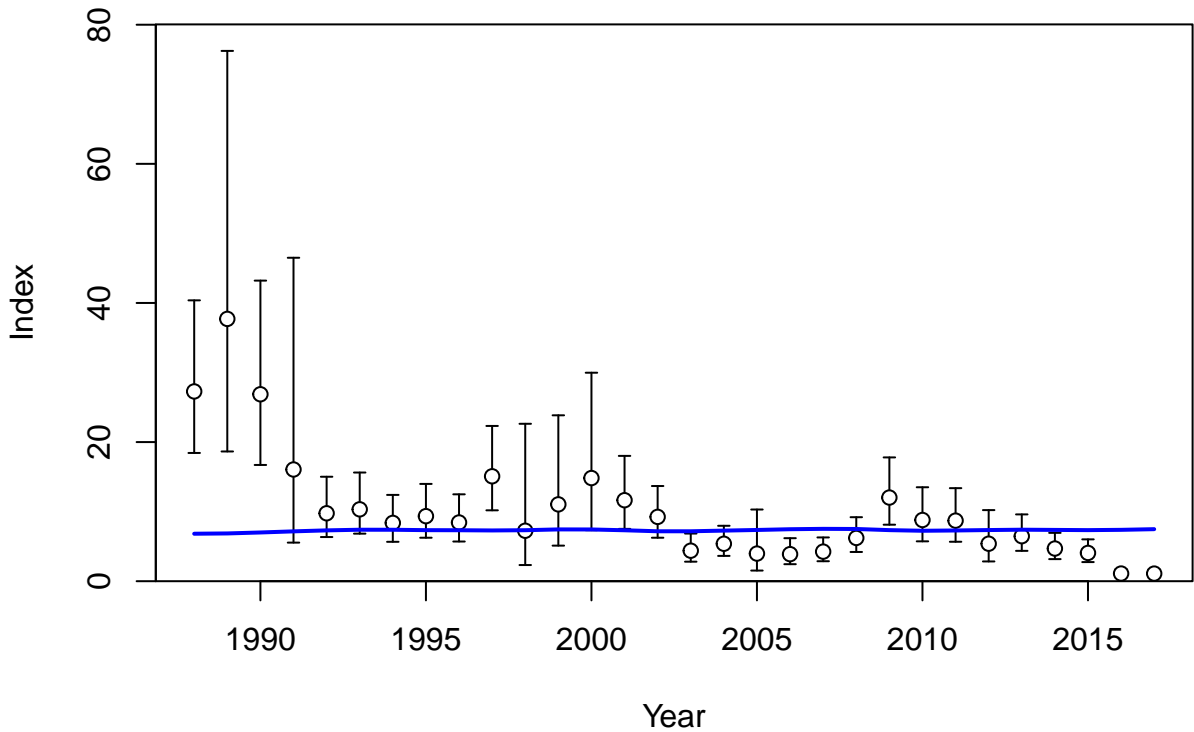


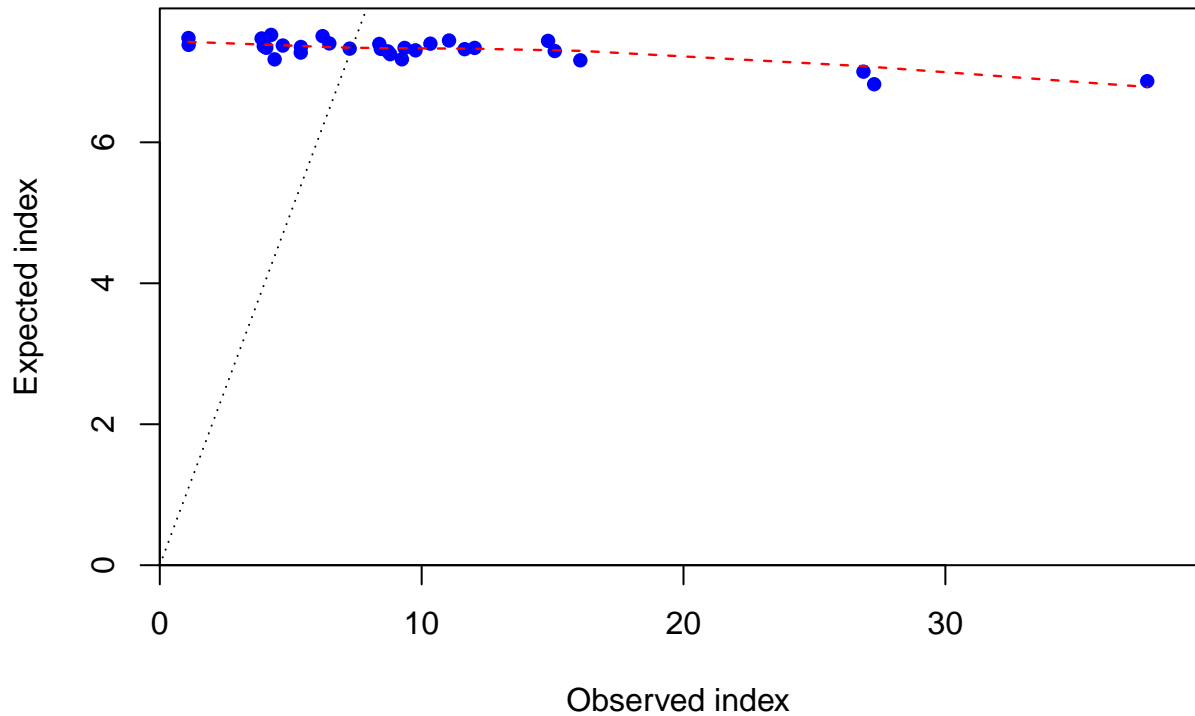
Fishing intensity: 1-SPR



Relative spawning output: B/B_{MSY}







Log index

4
3
2
1
0

1990

1995

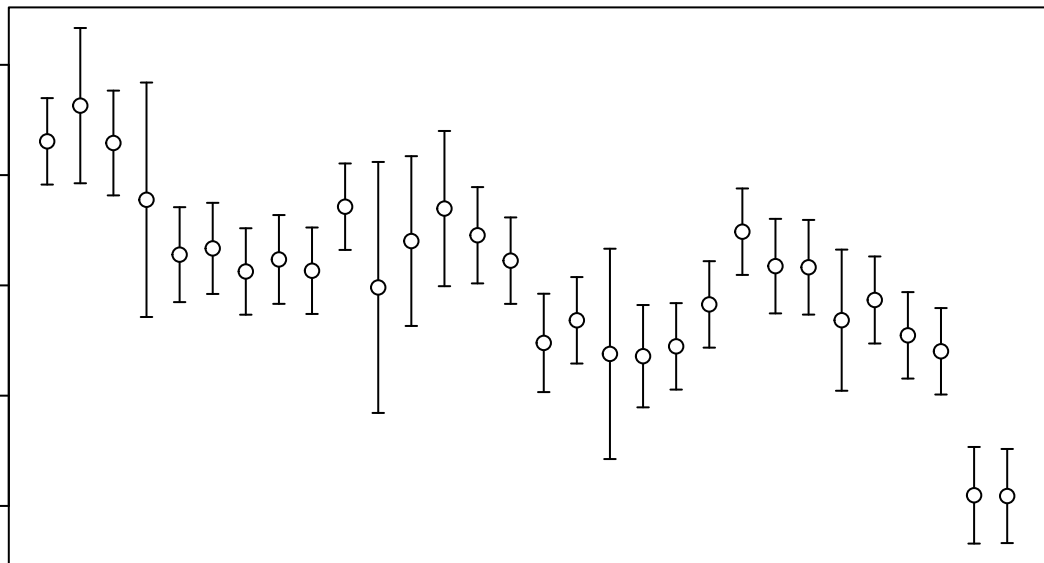
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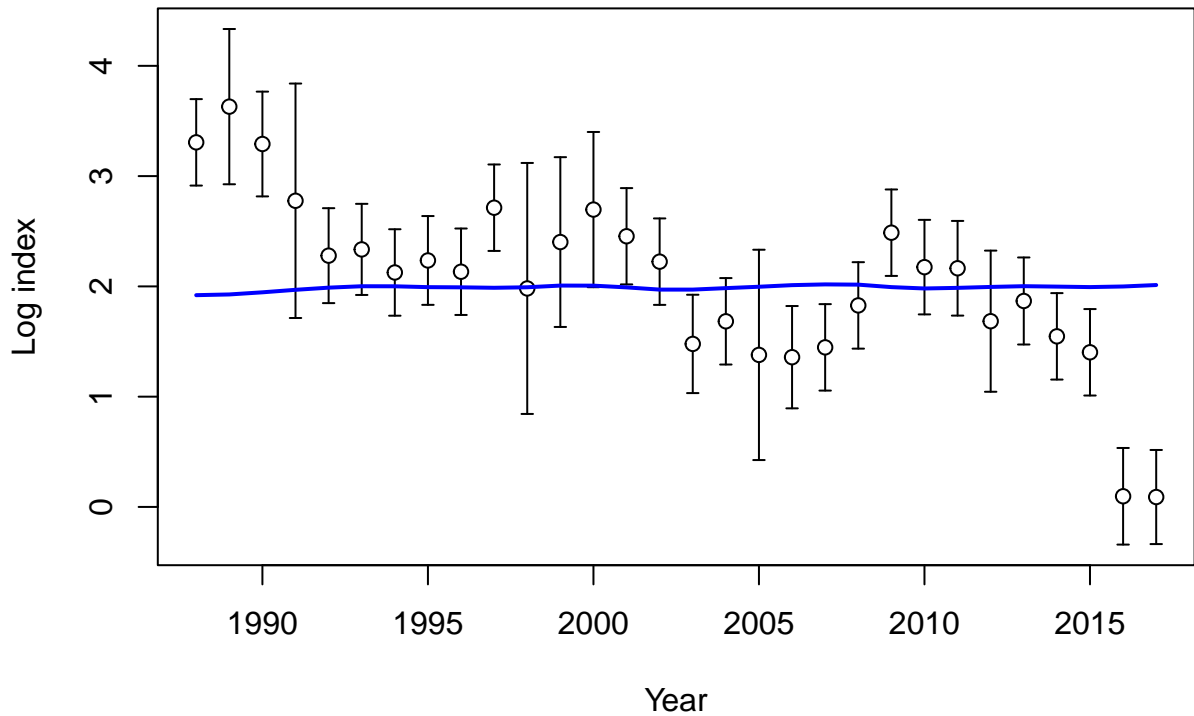
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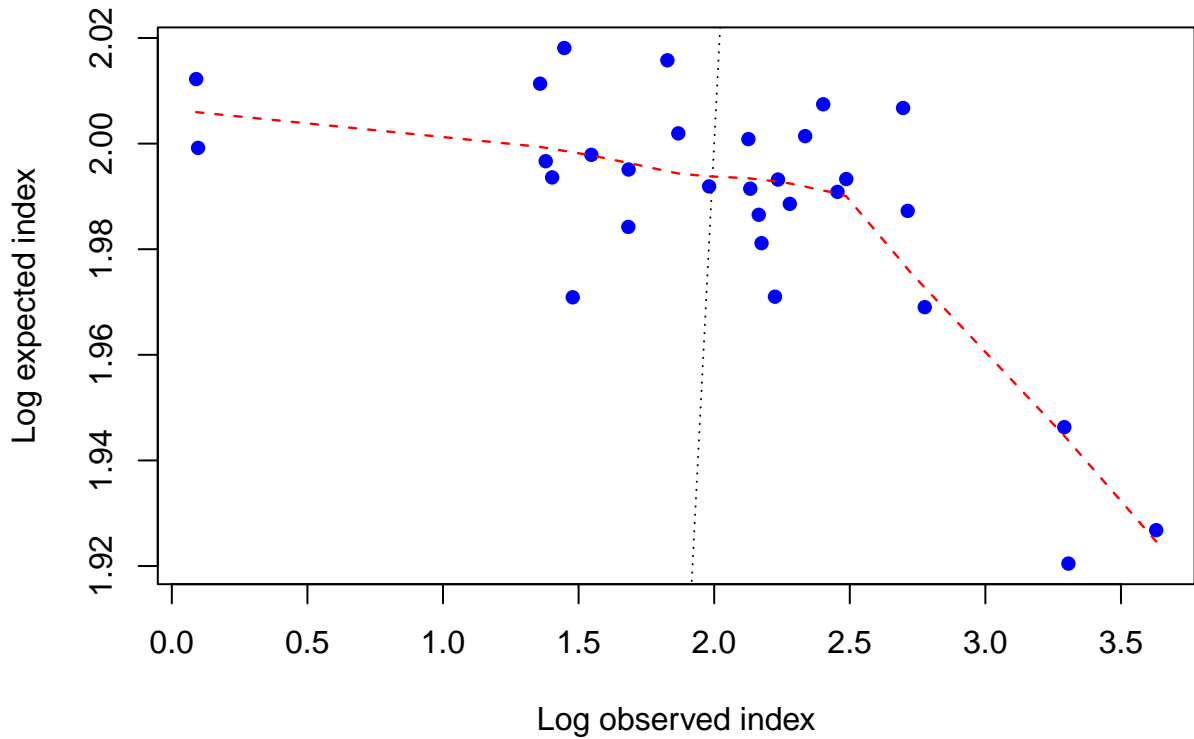
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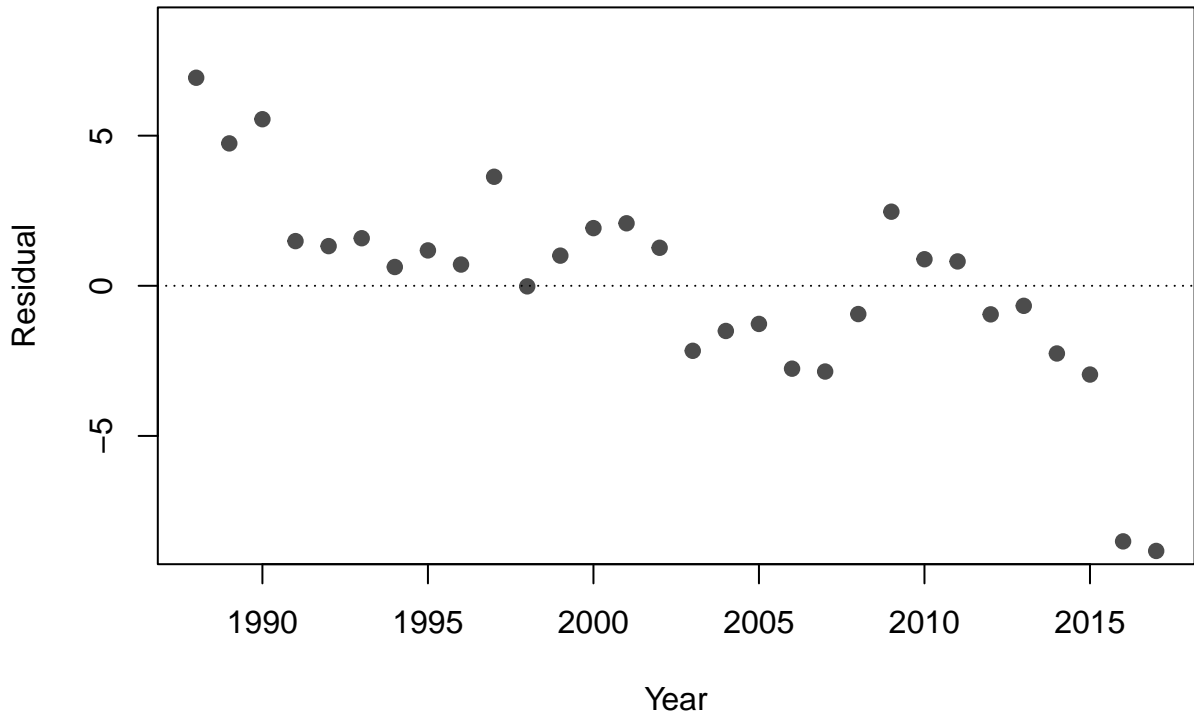
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Year

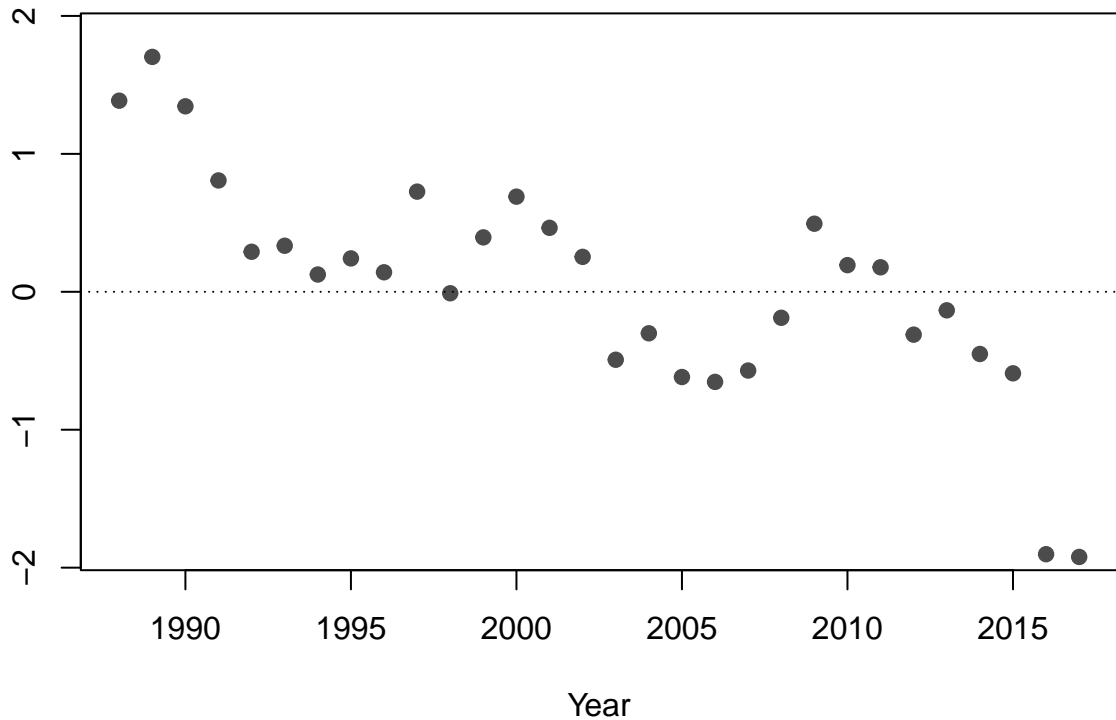


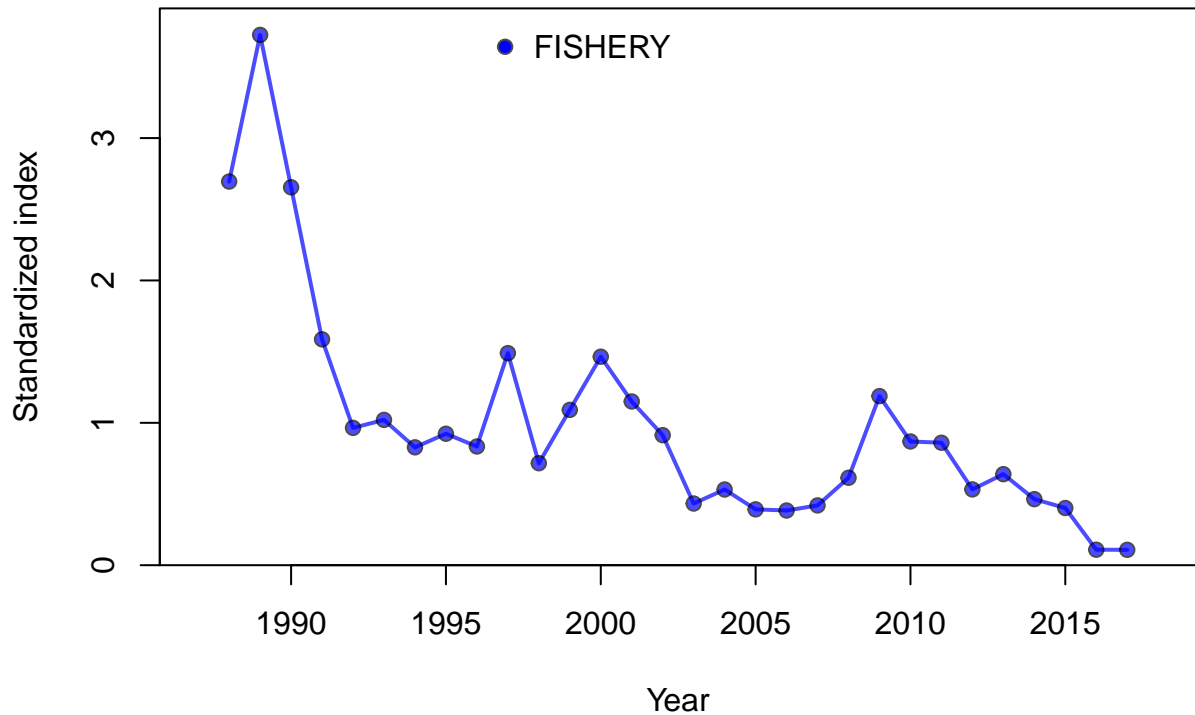




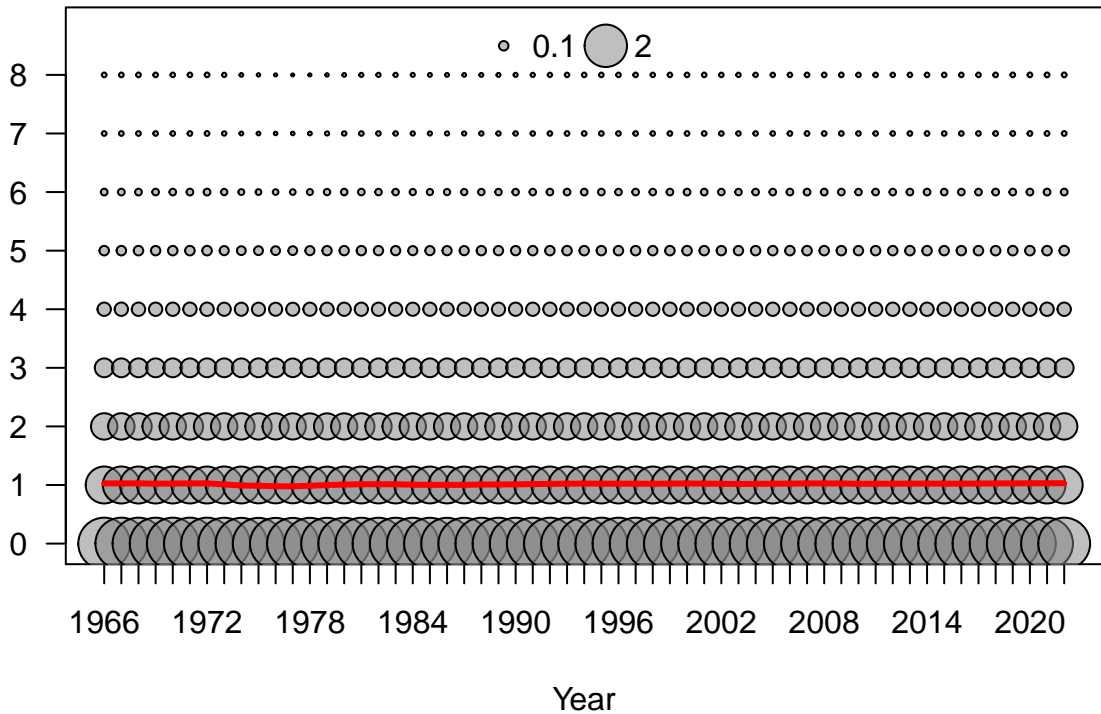


Deviation

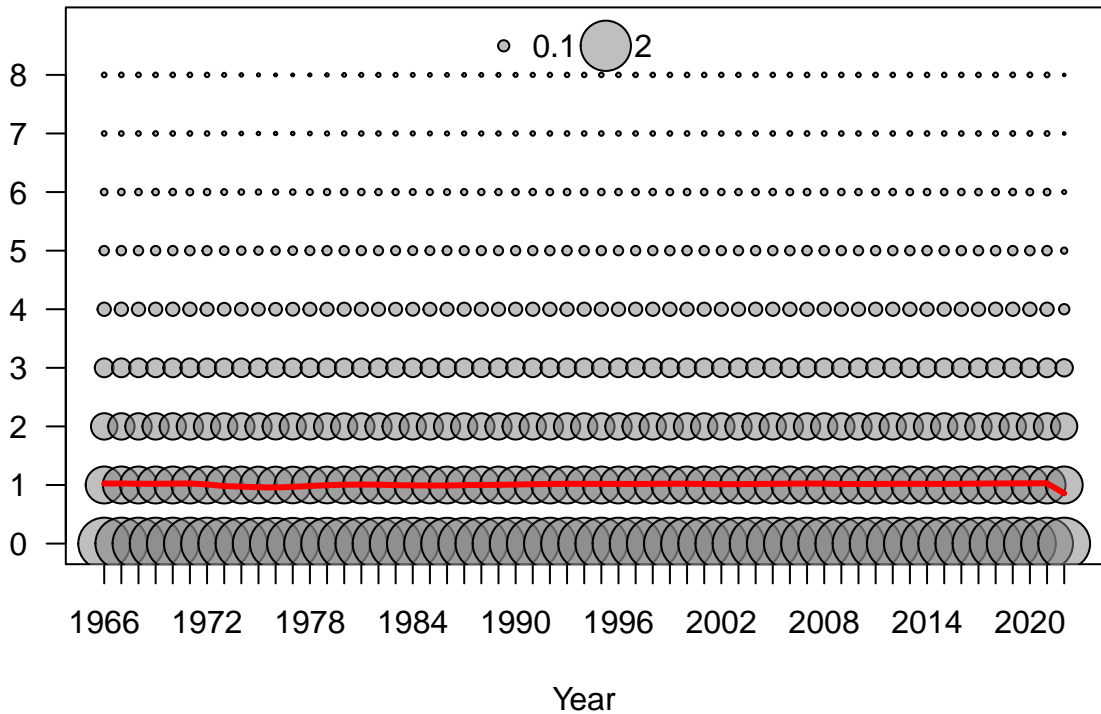


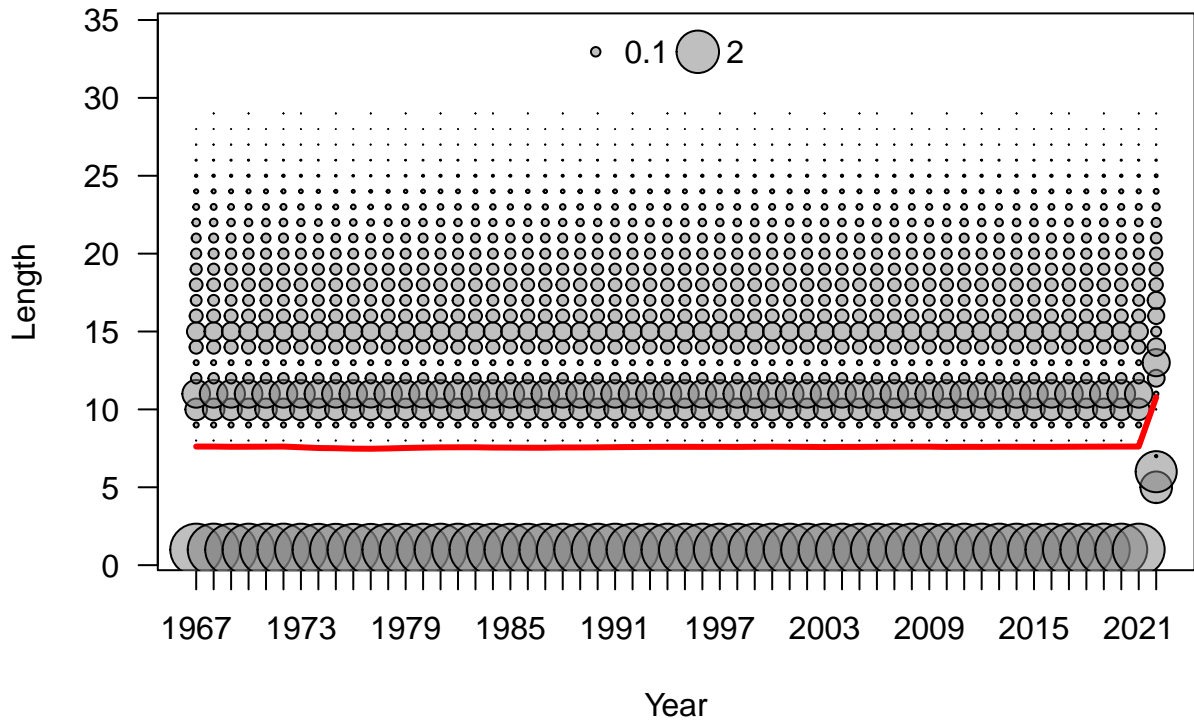


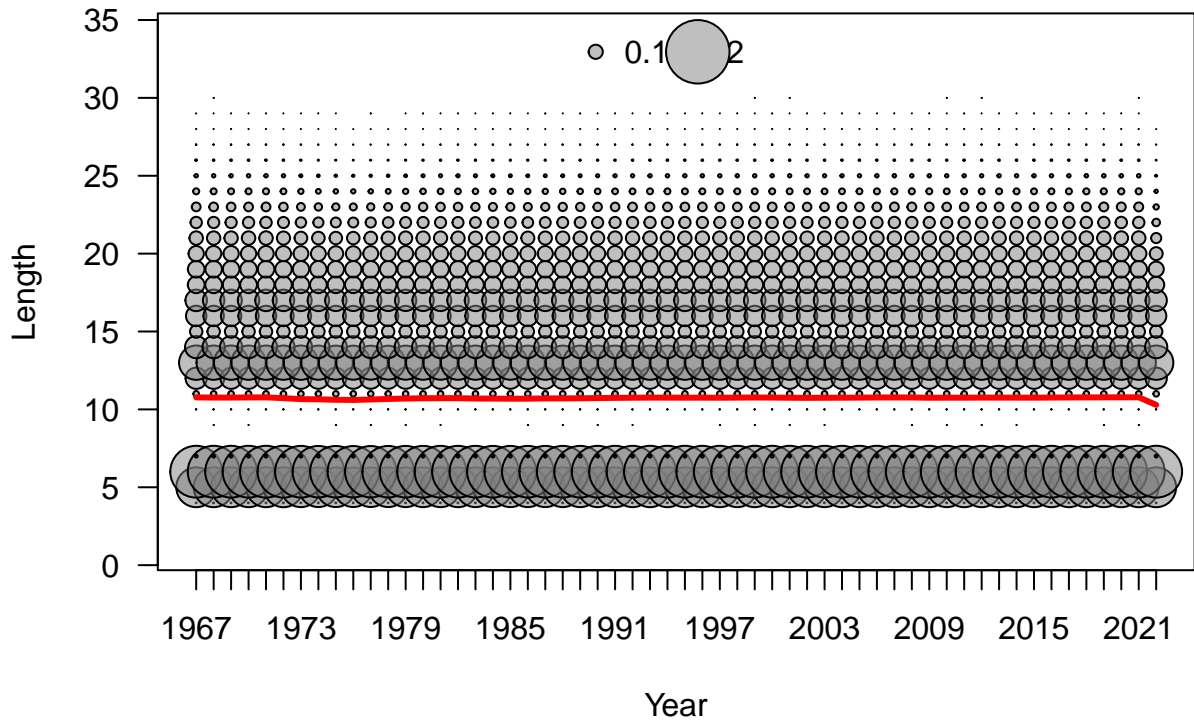
Age

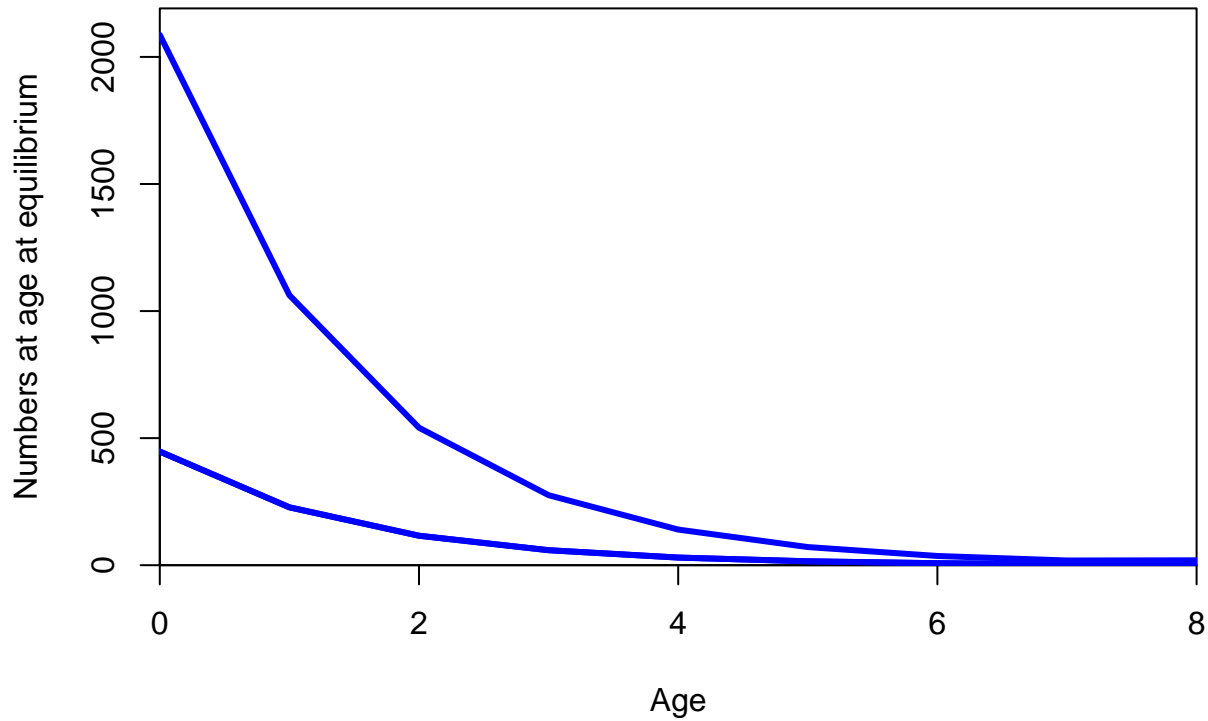


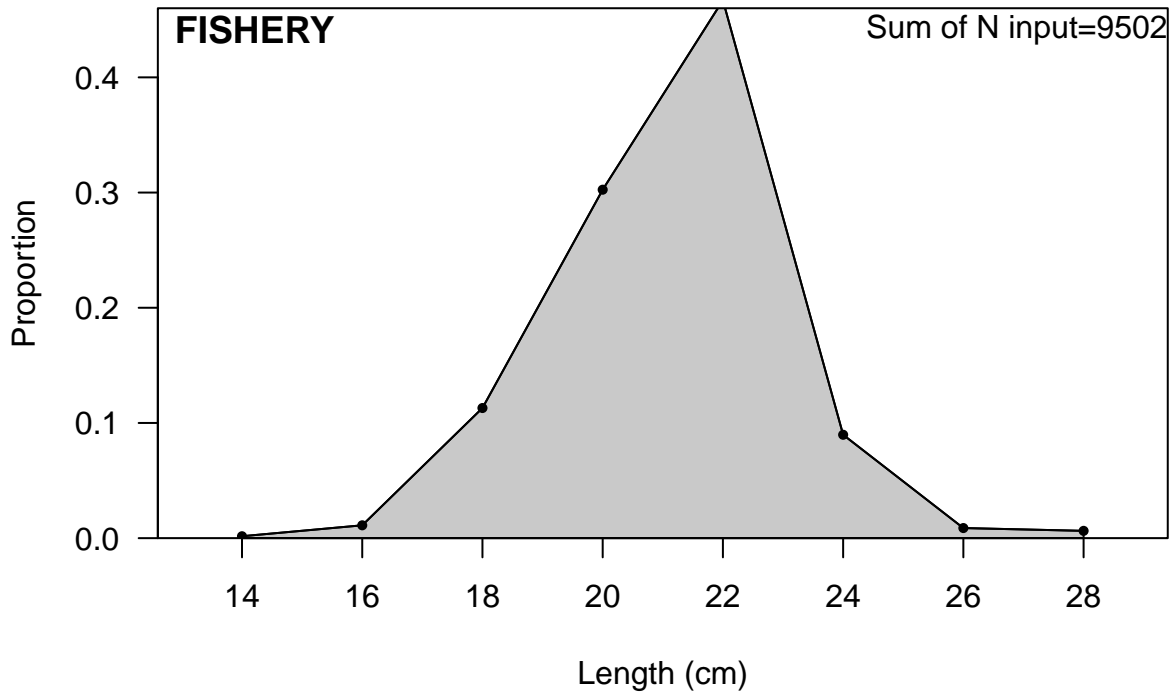
Age

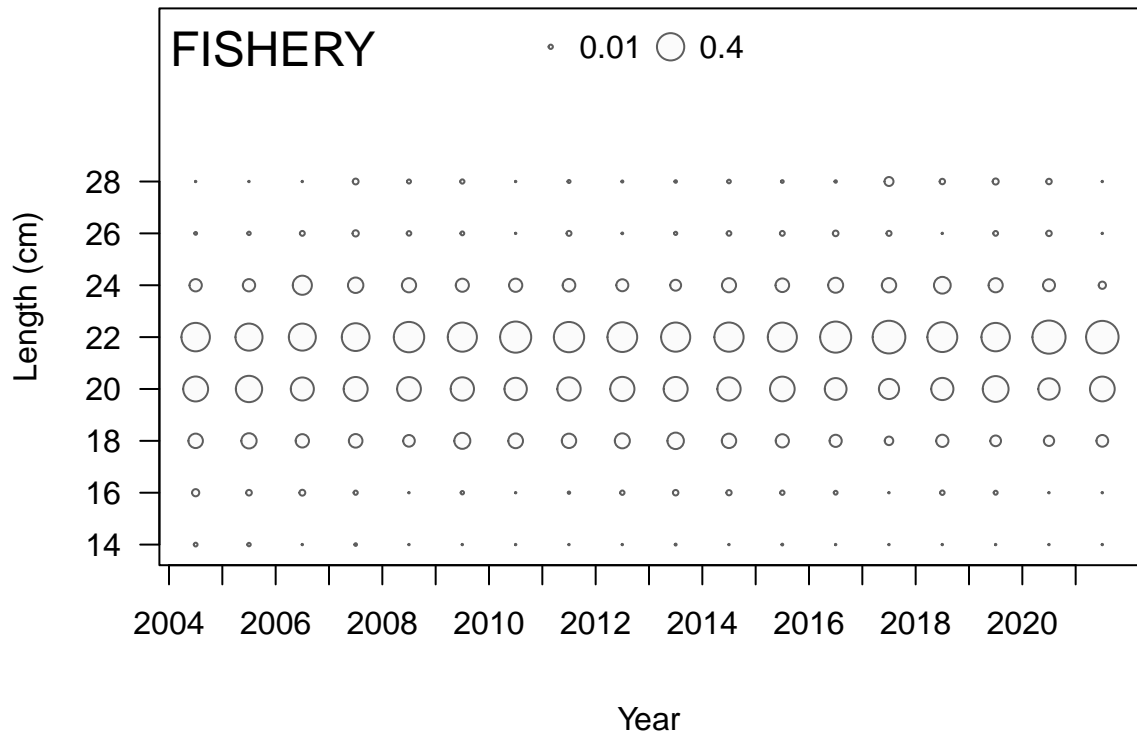




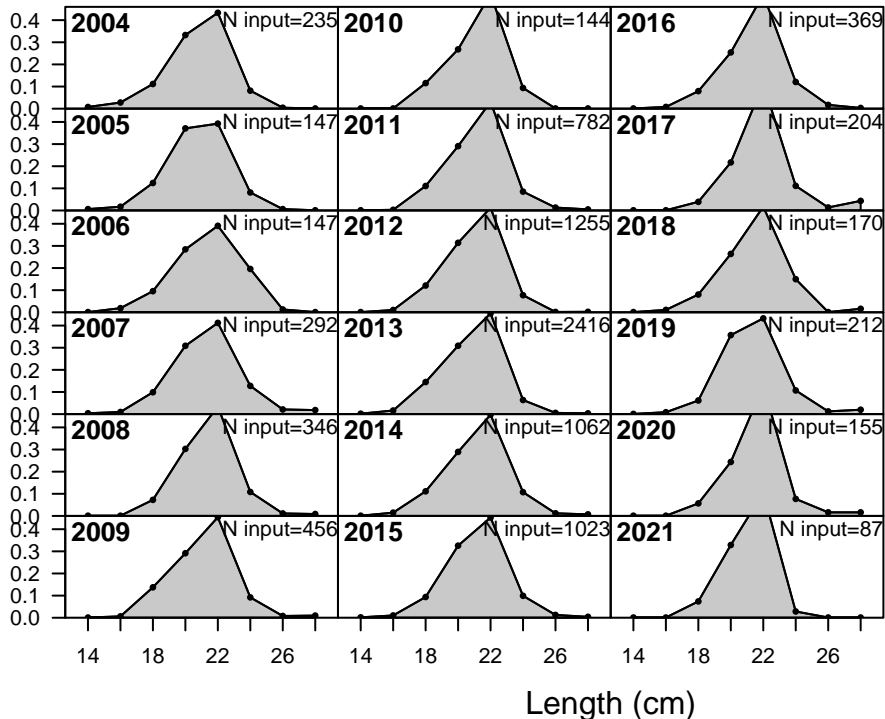


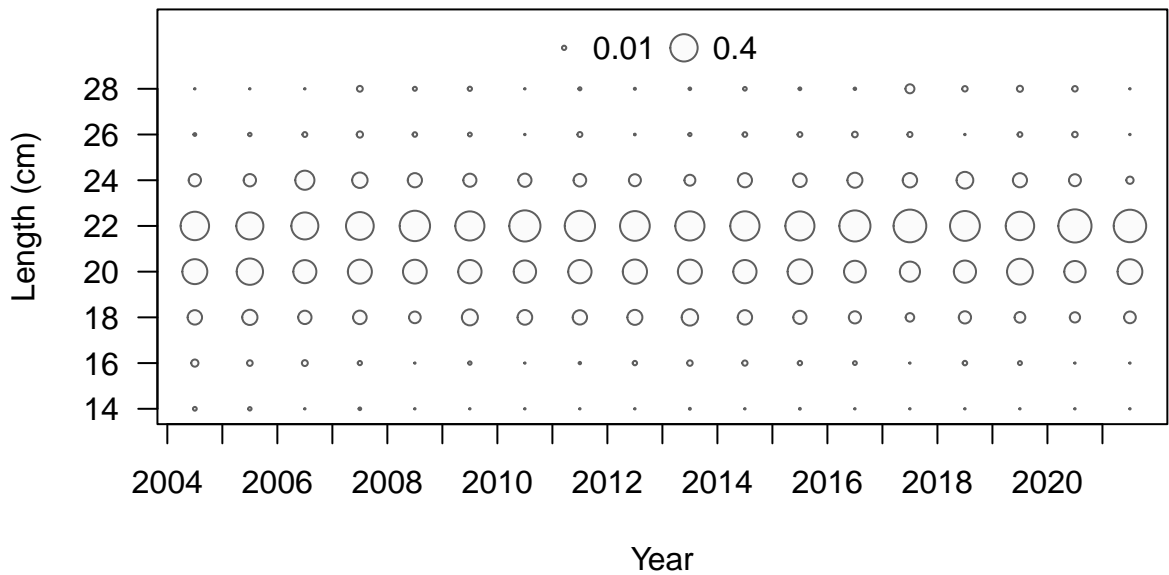




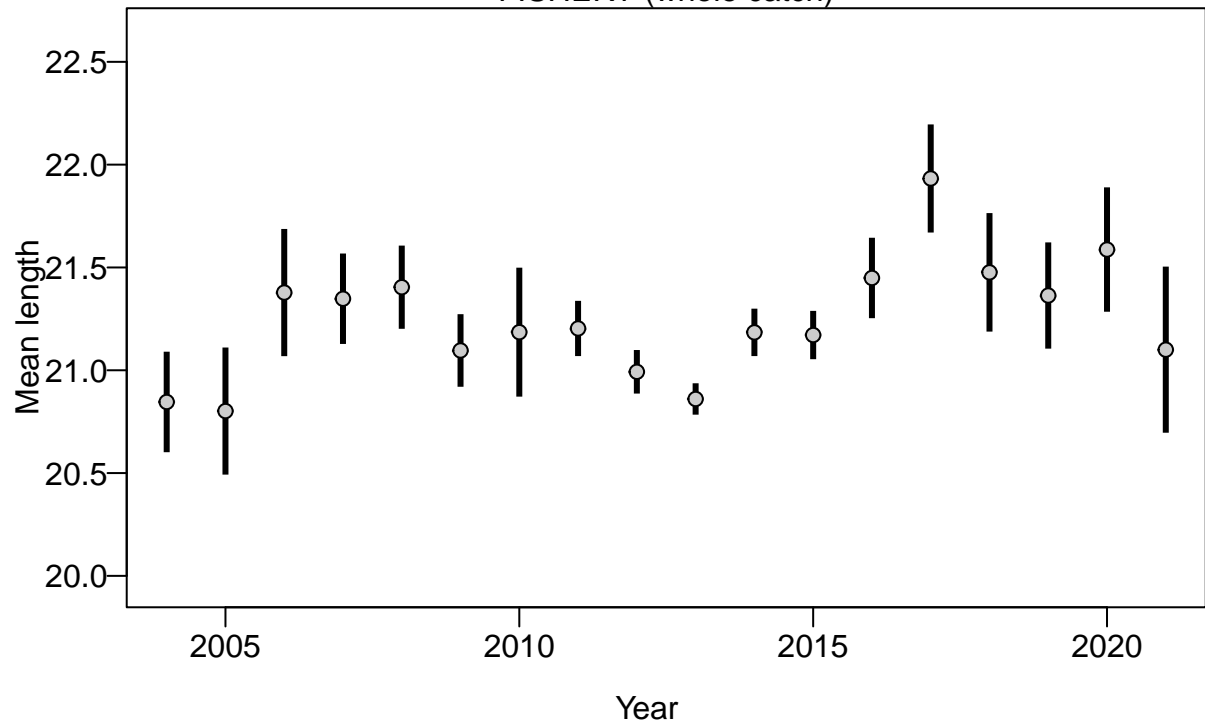


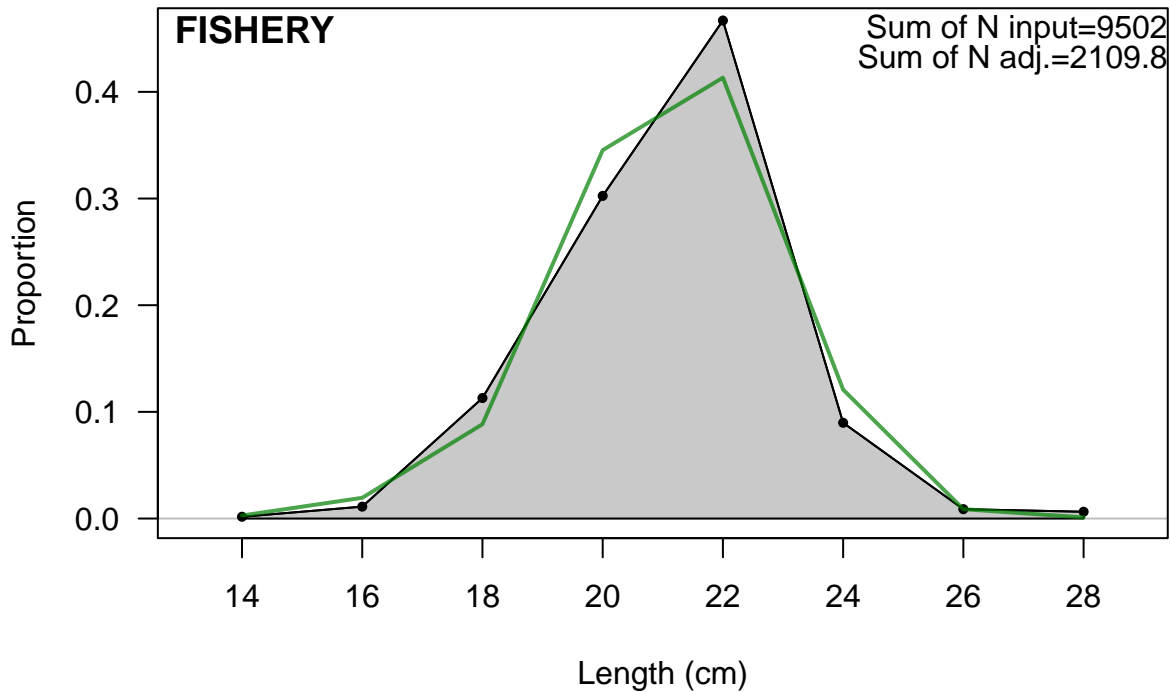
Proportion

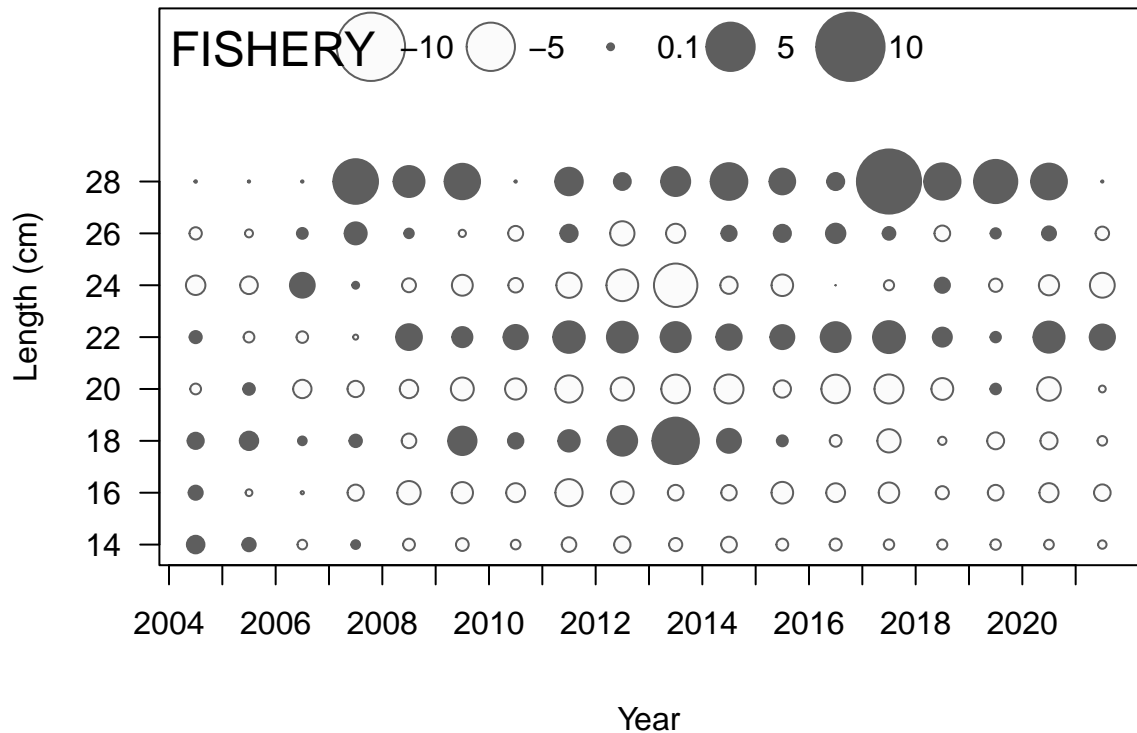




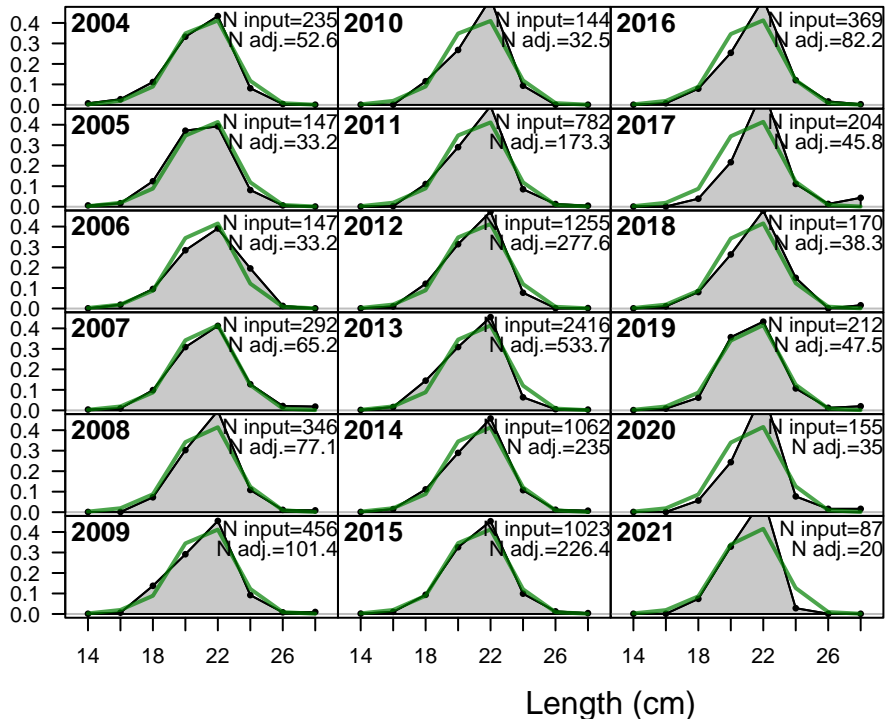
FISHERY (whole catch)

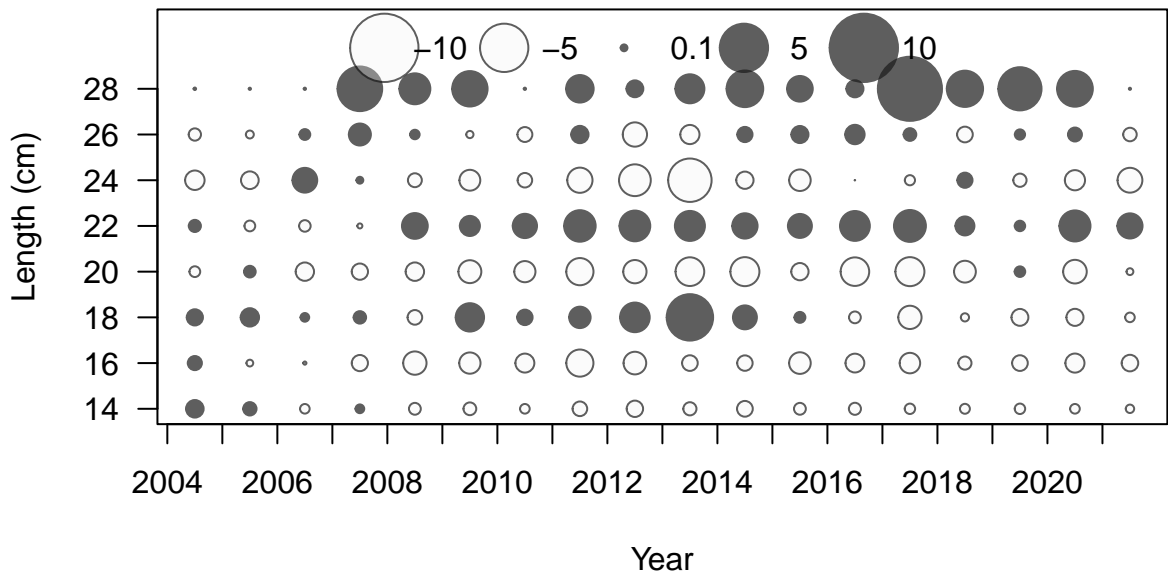




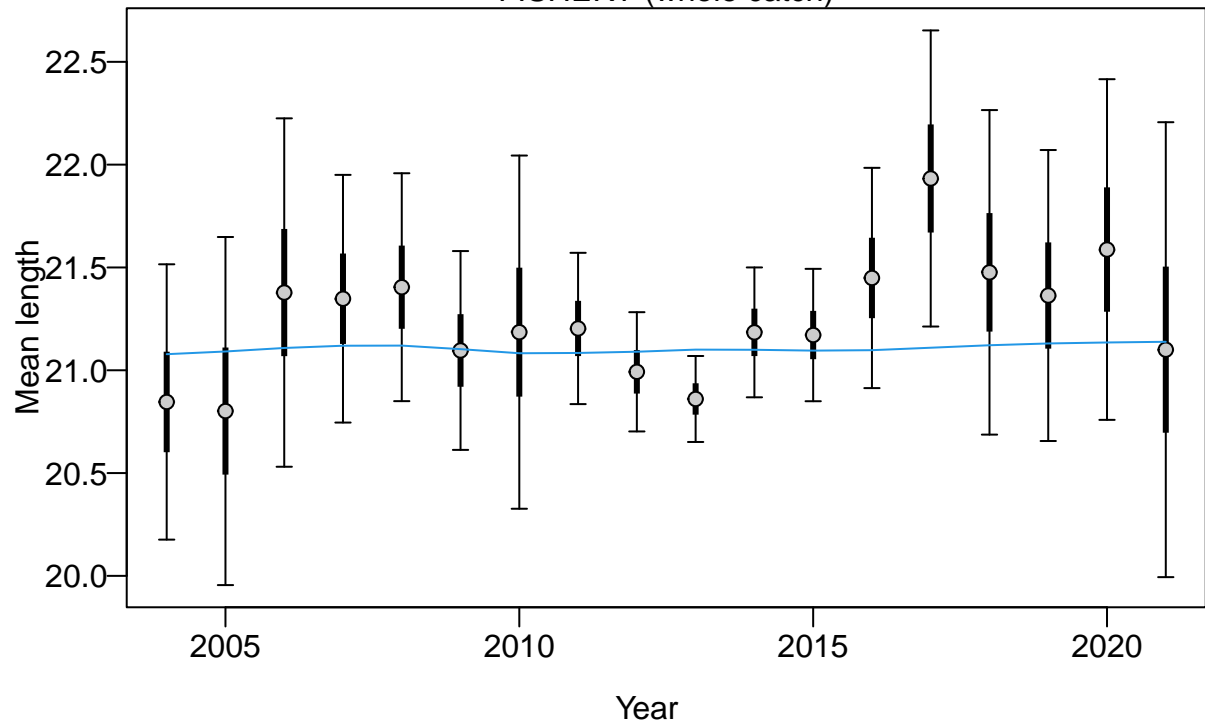


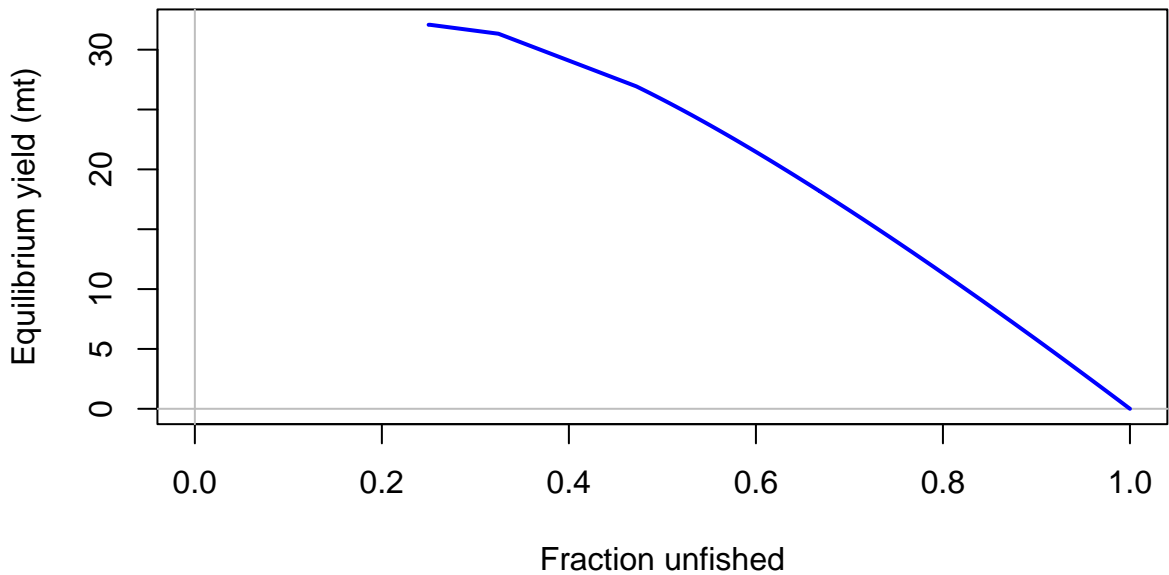
Proportion

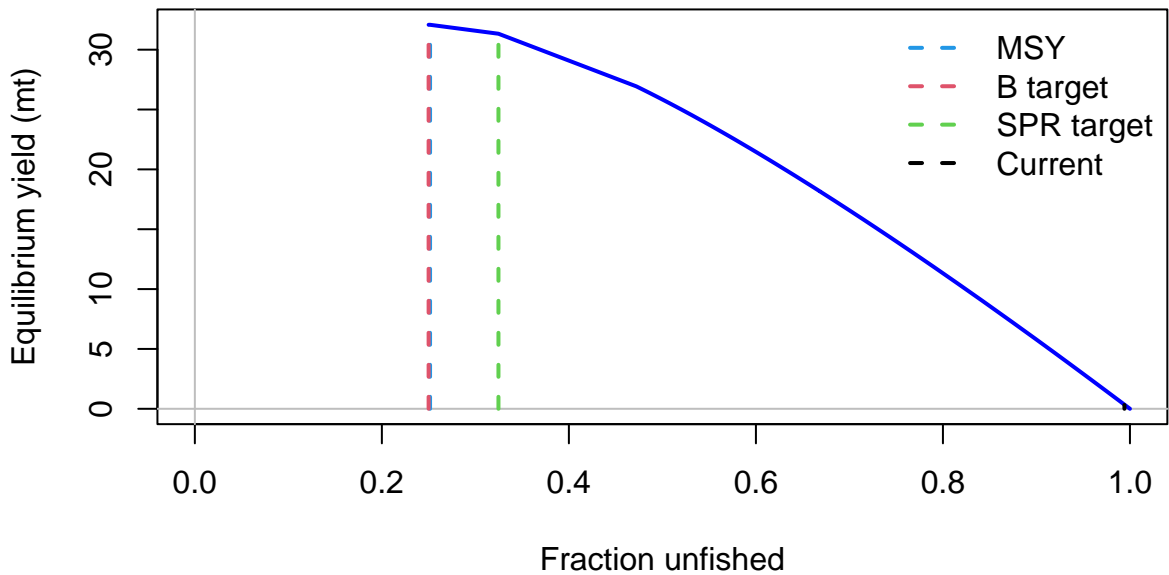


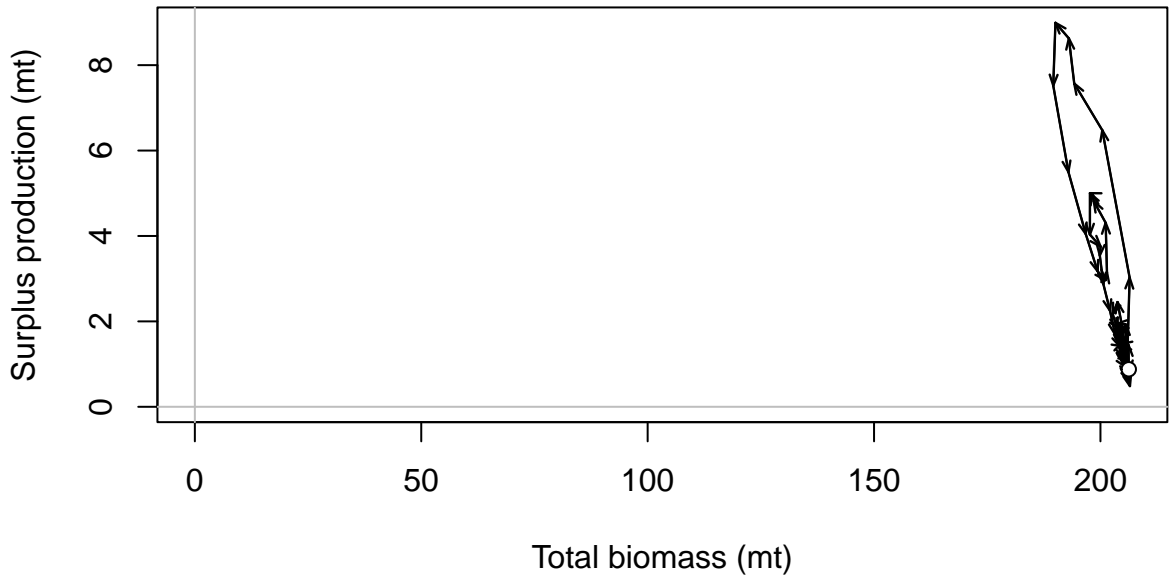


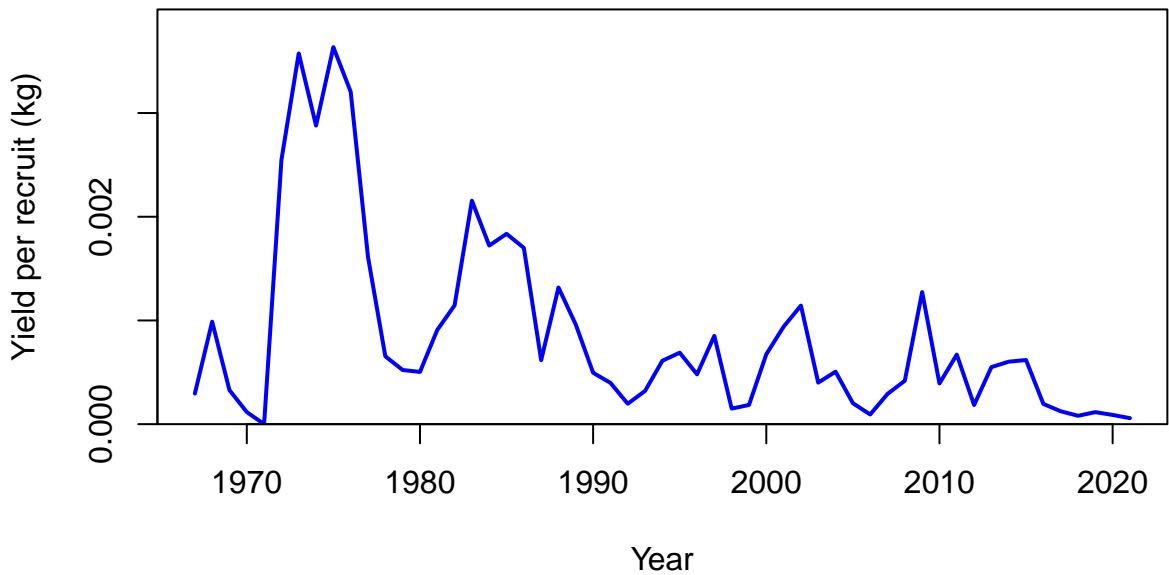
FISHERY (whole catch)

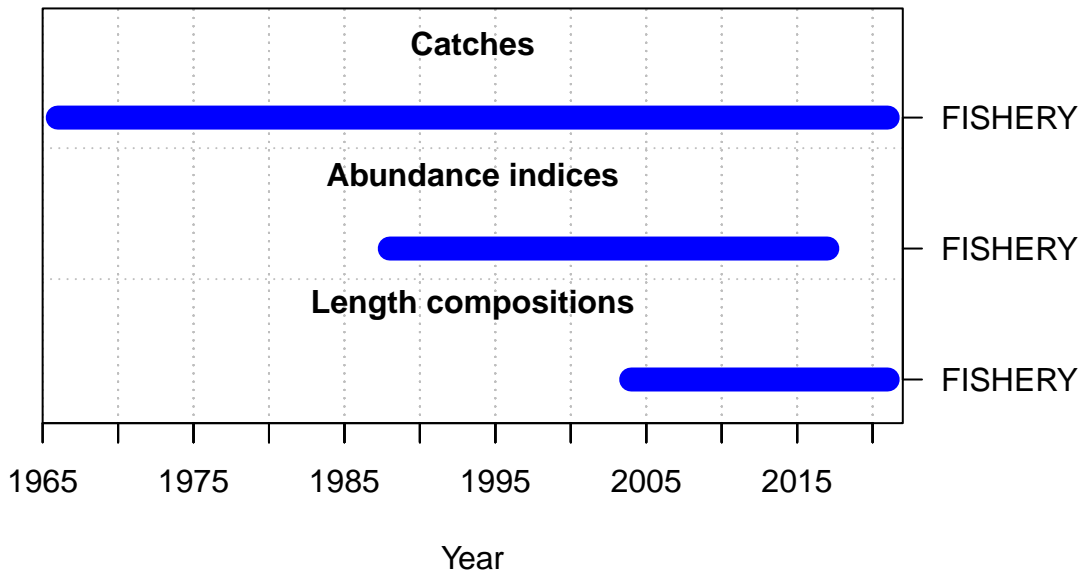


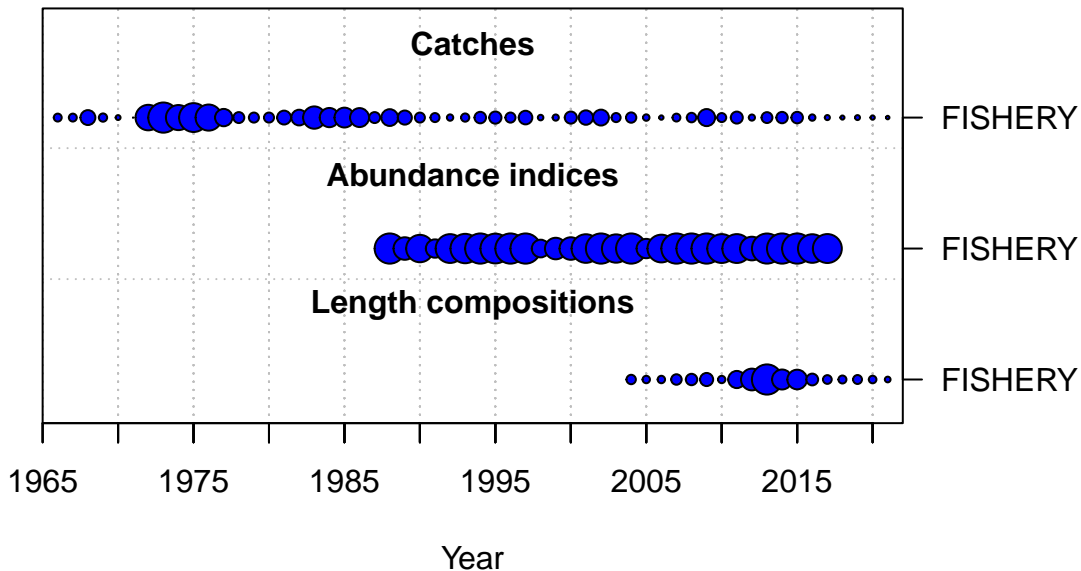




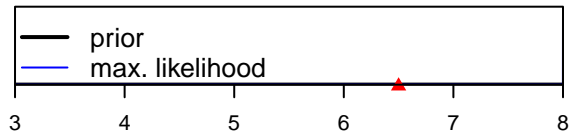




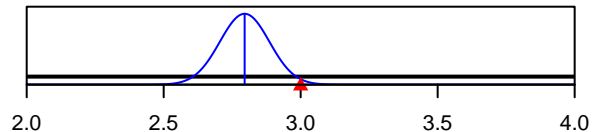




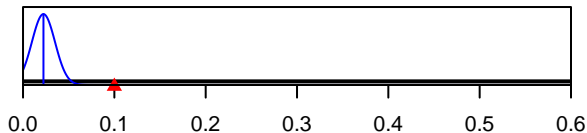
SR_LN(R0)



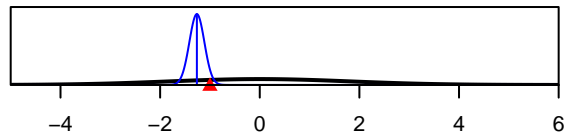
Size_95%width_FISHERY(1)



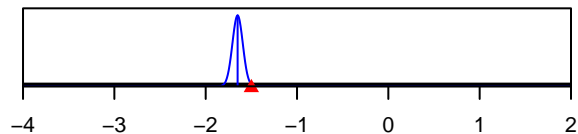
InitF_seas_1flt_1FISHERY



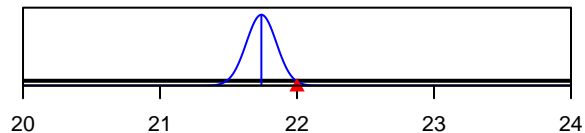
ln(DM_theta)_1



LnQ_base_FISHERY(1)



Size_inflection_FISHERY(1)



Parameter value