

Plots created using the 'r4ss' package in R

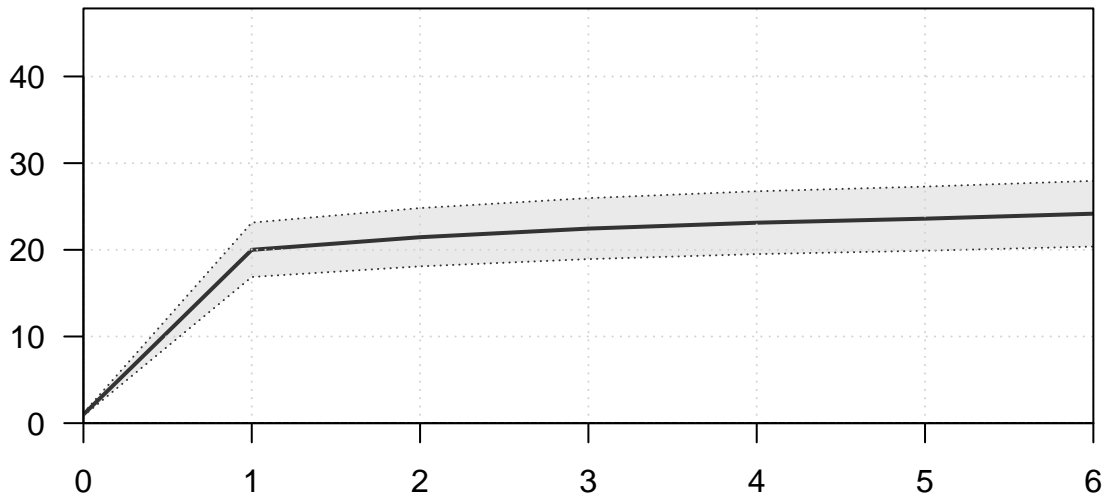
Stock Synthesis version: 3.30.19.0

StartTime: Sat Jul 23 09:18:12 2022

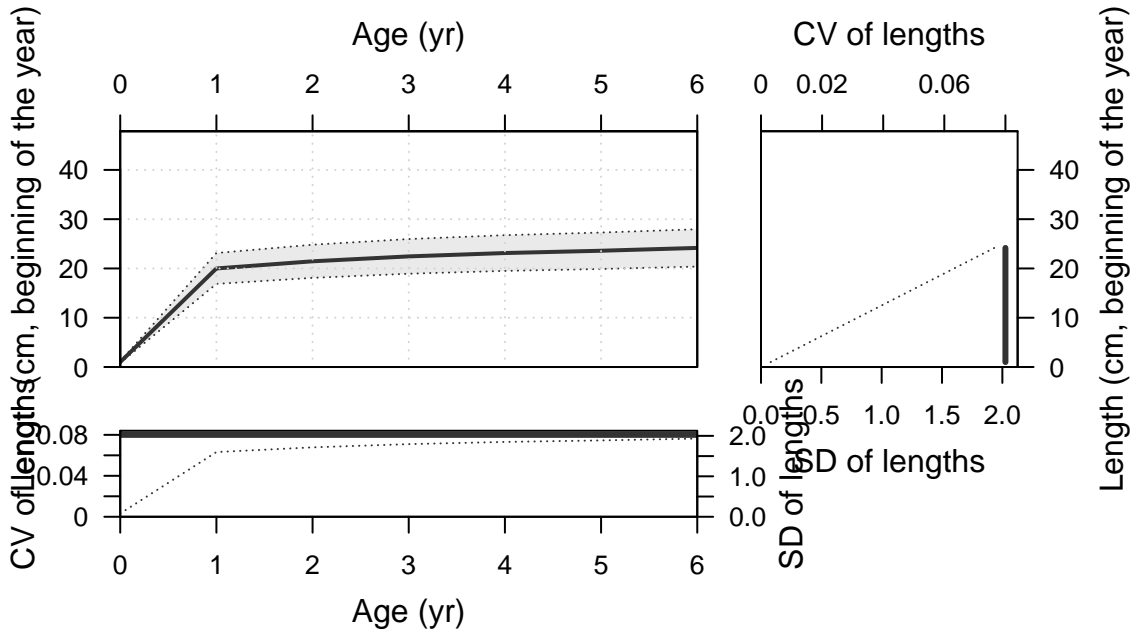
Data_File: data.ss

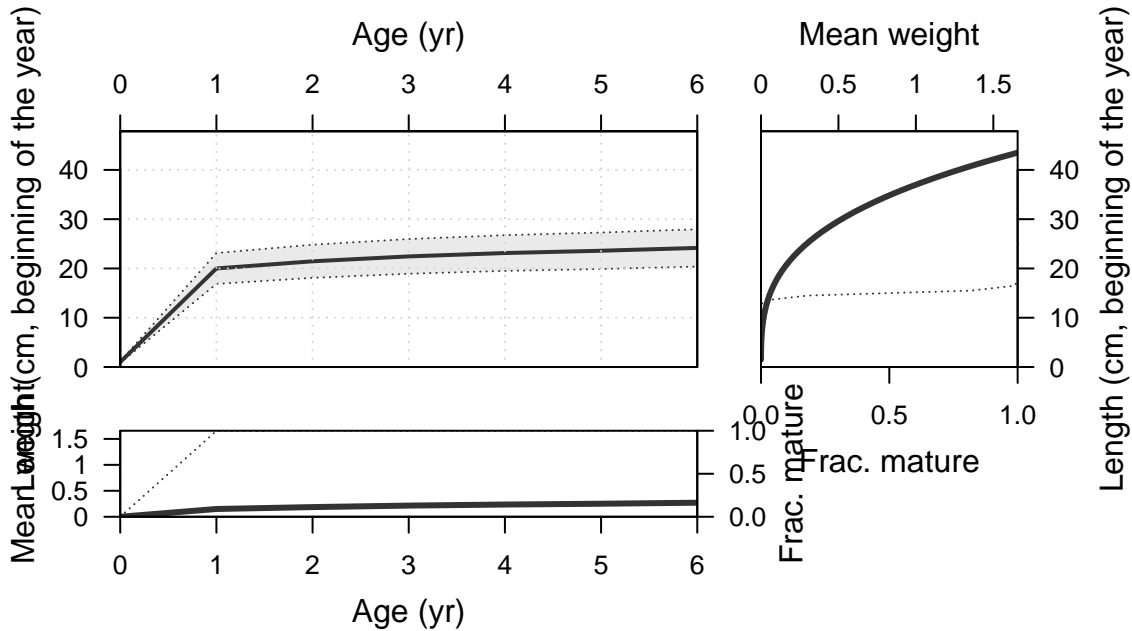
Control_File: control.ss

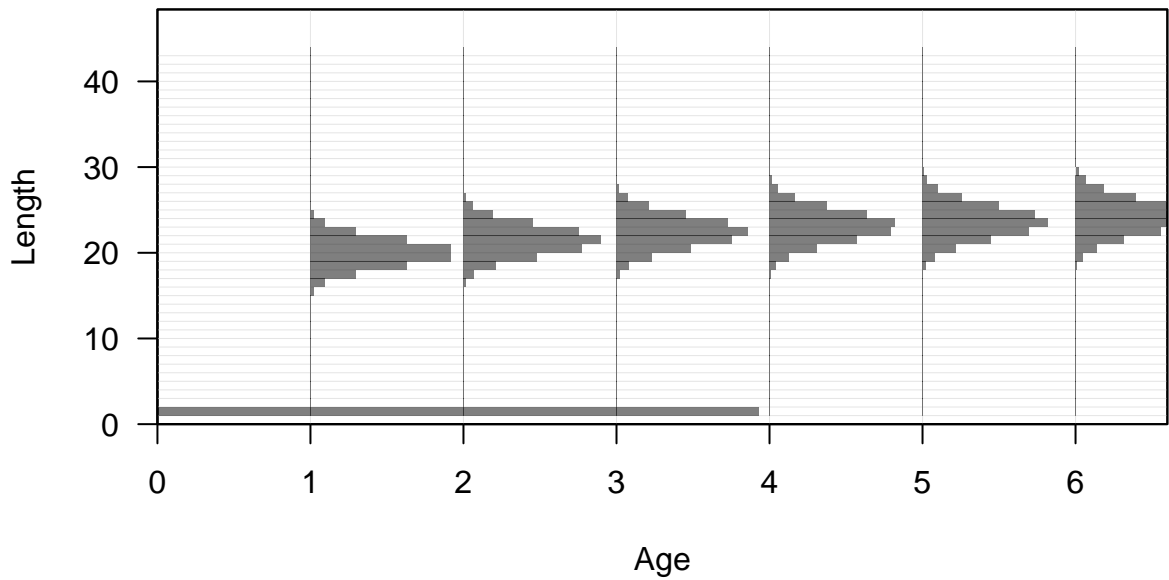
Length (cm, beginning of the year)

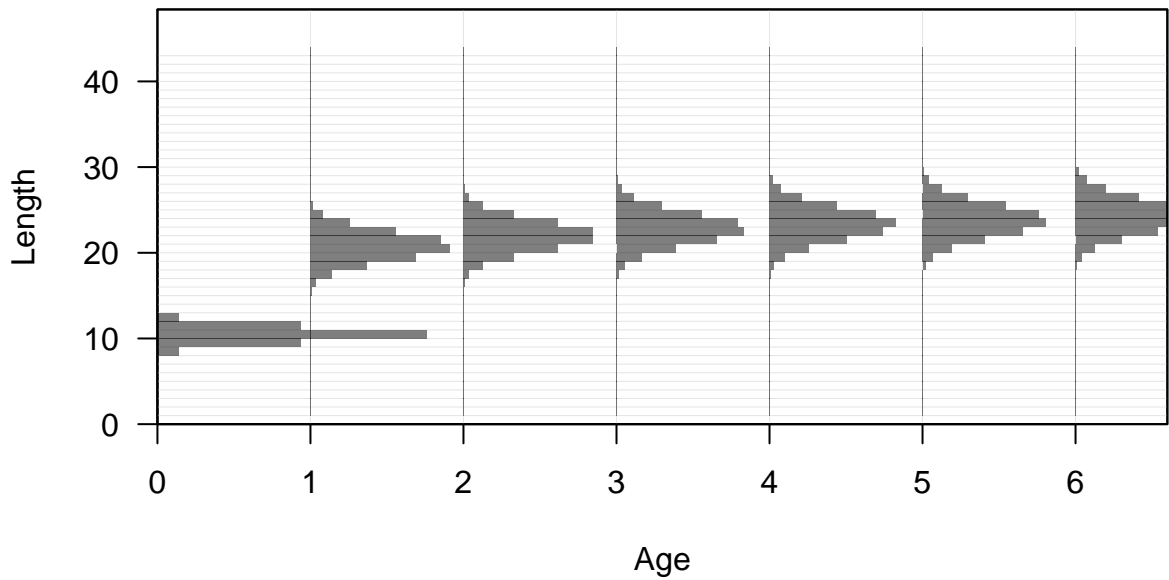


Age (yr)











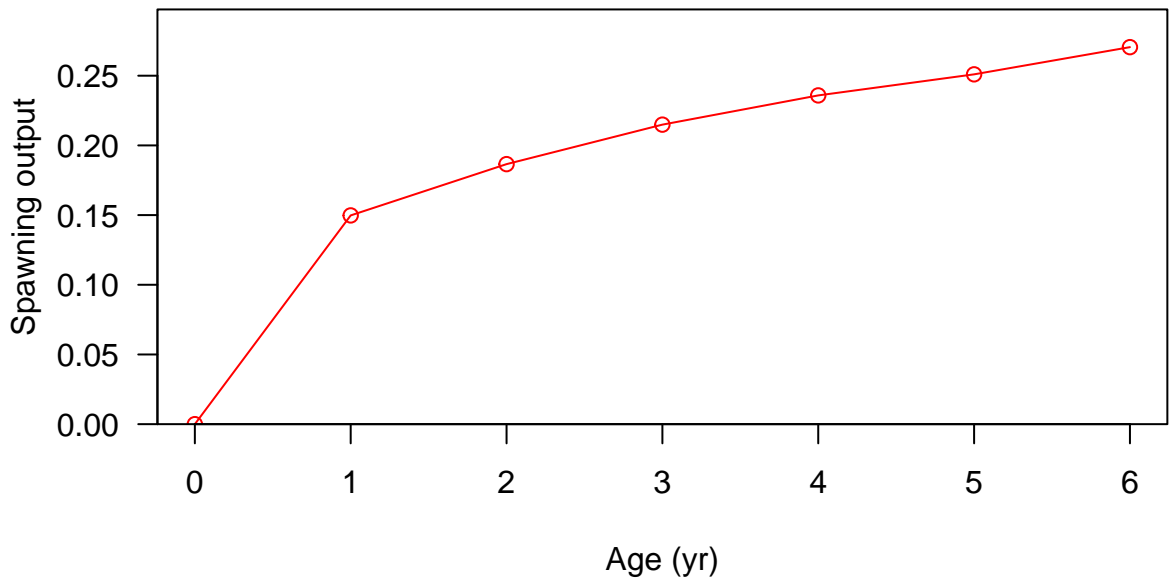




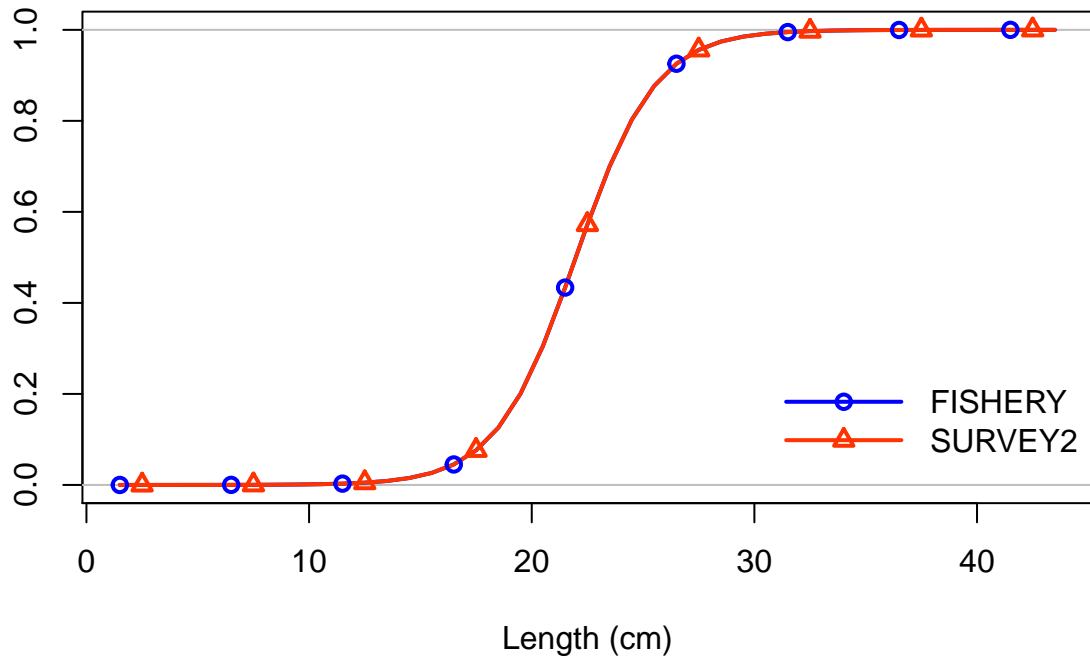




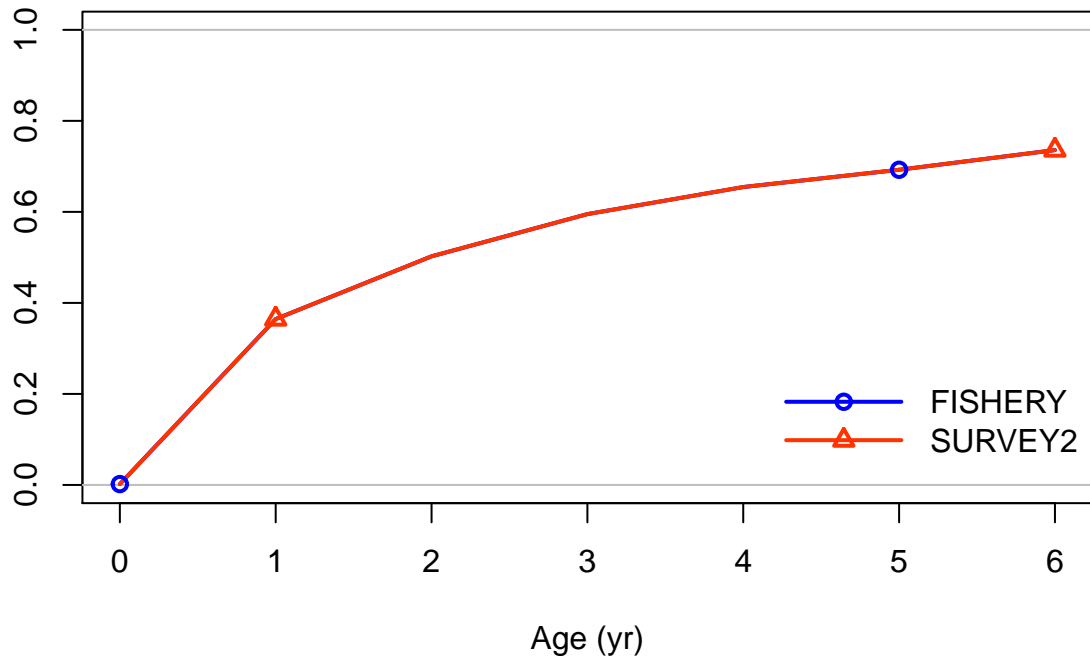




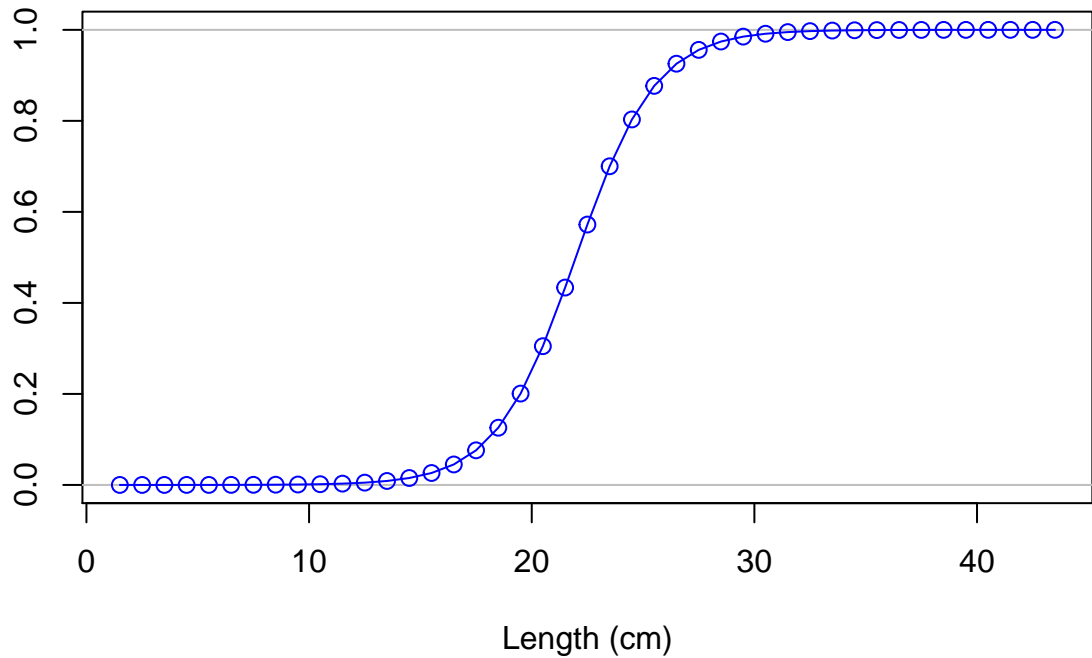
Selectivity



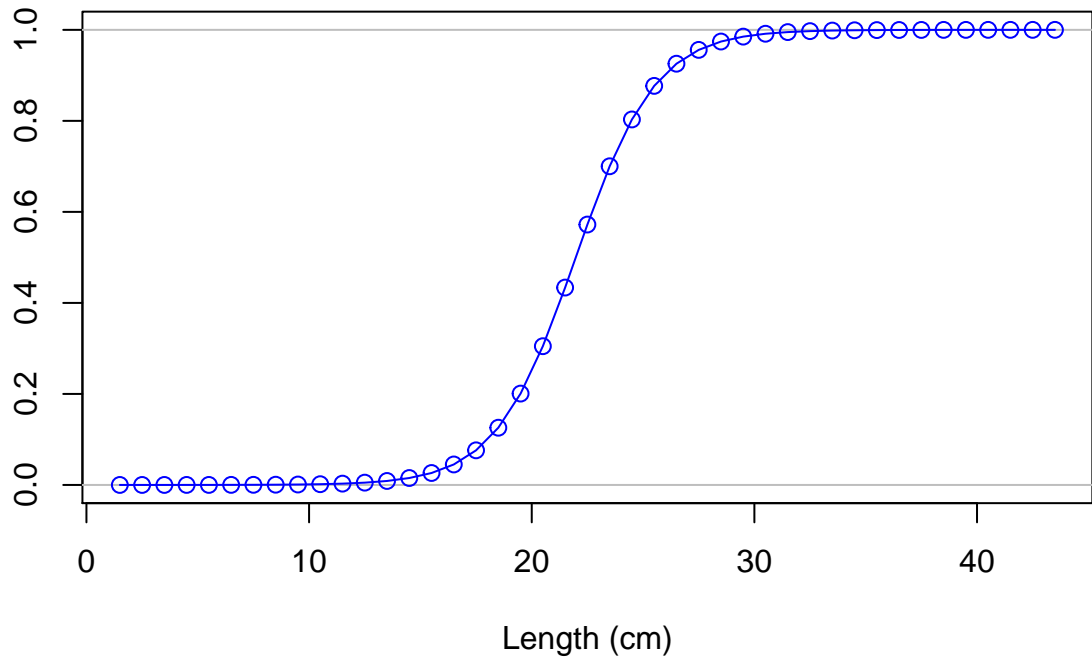
Selectivity

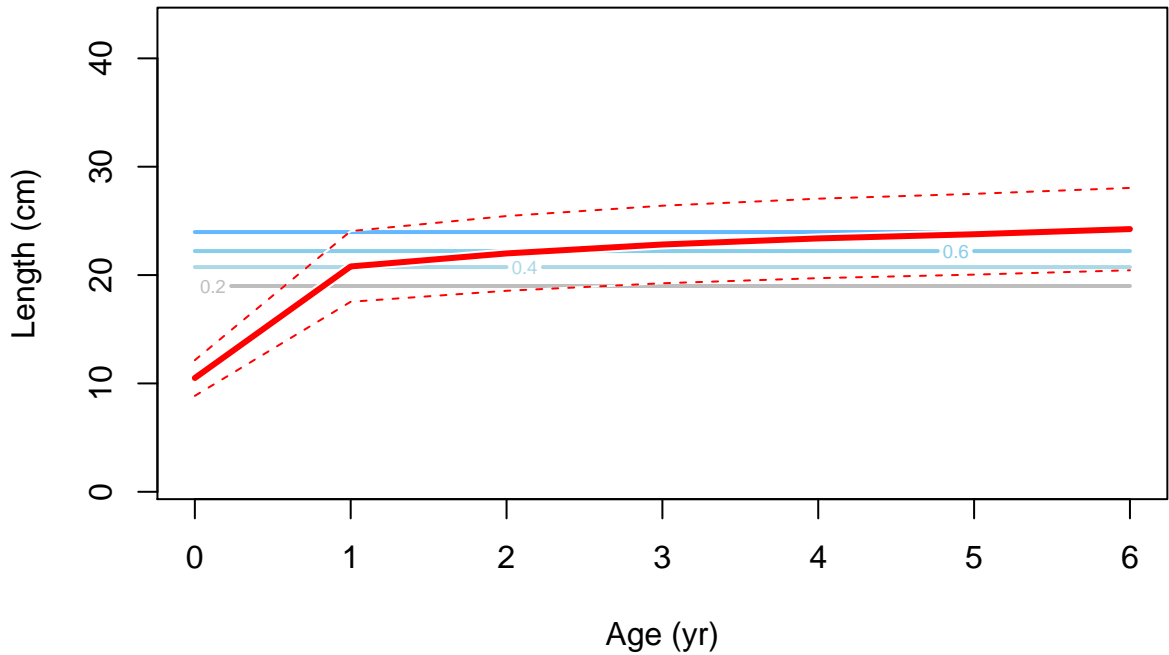


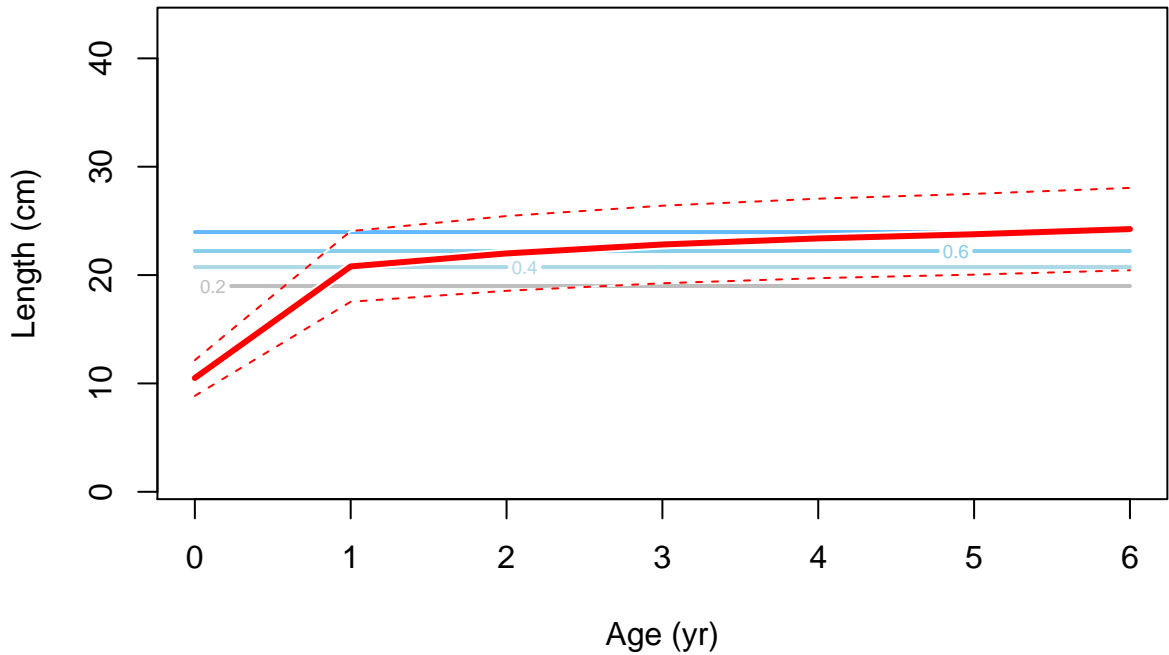
Selectivity

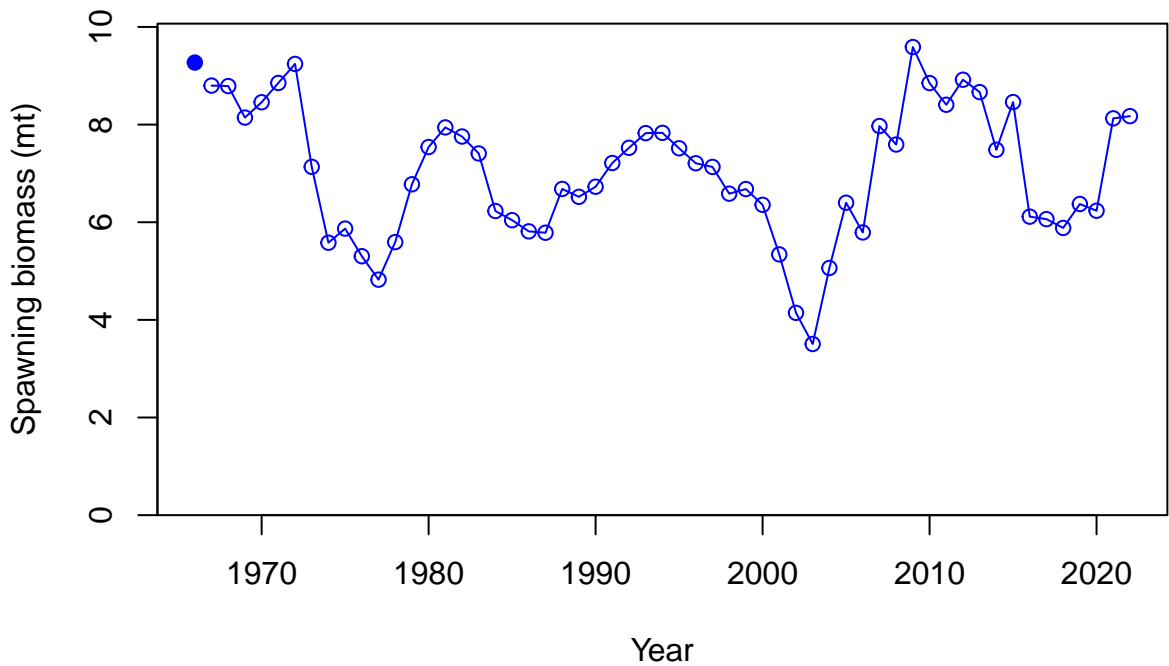


Selectivity

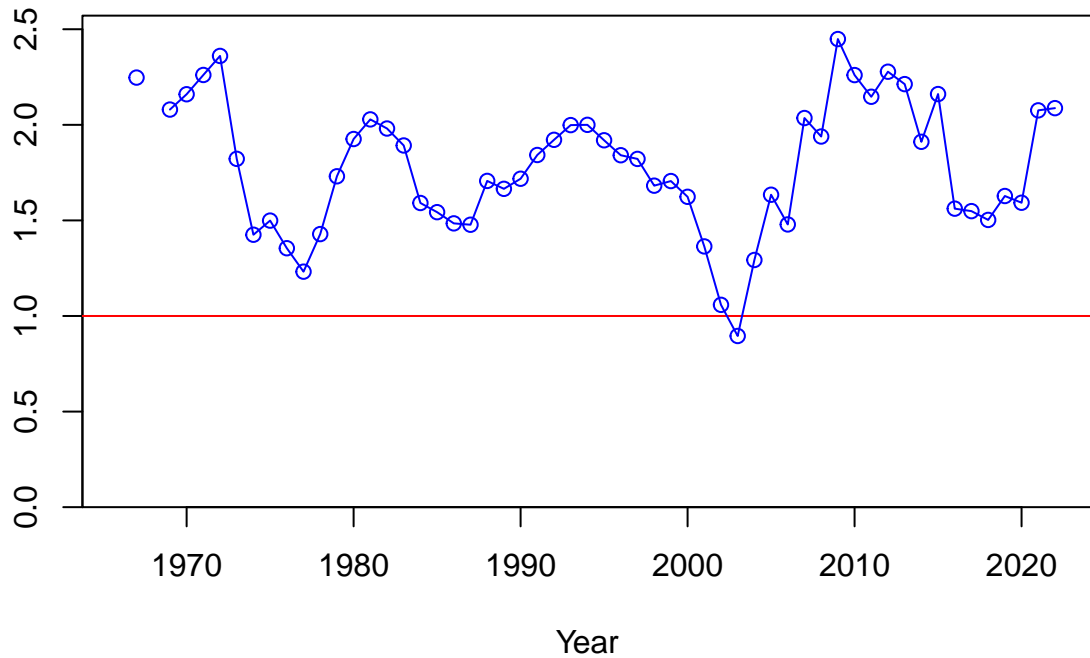


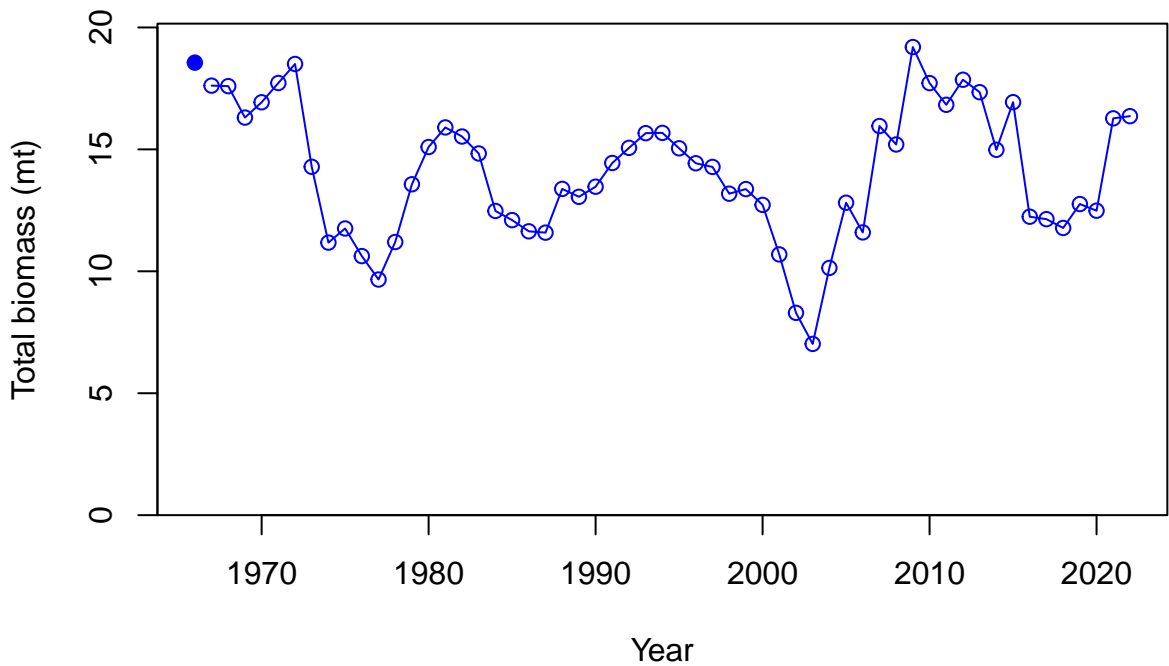


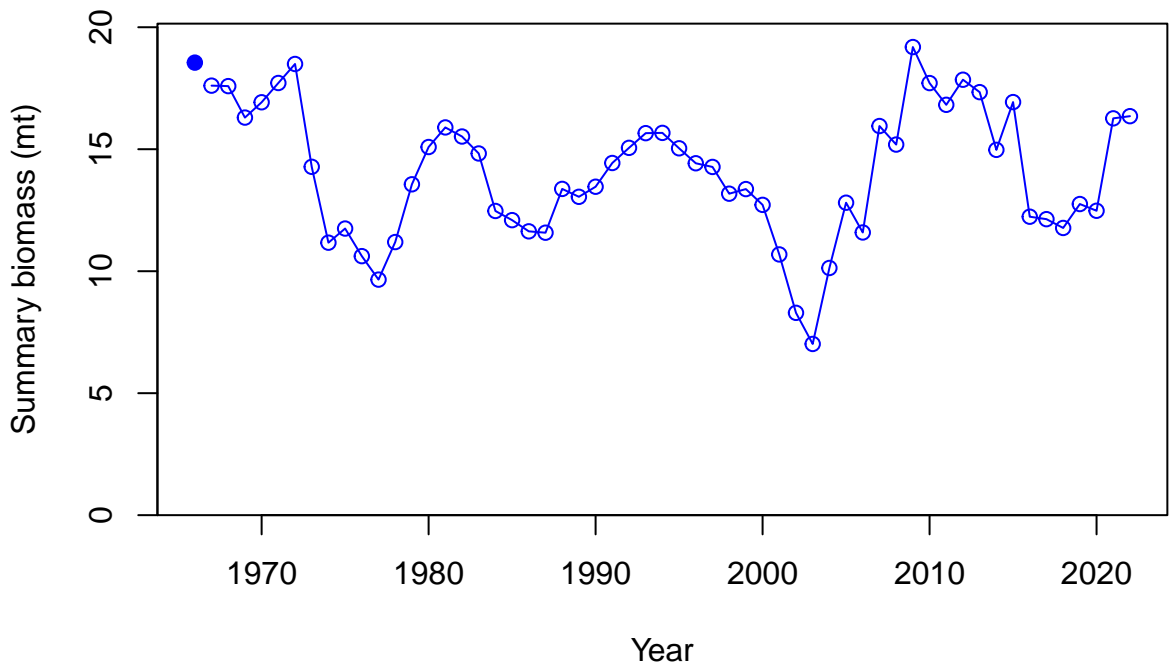




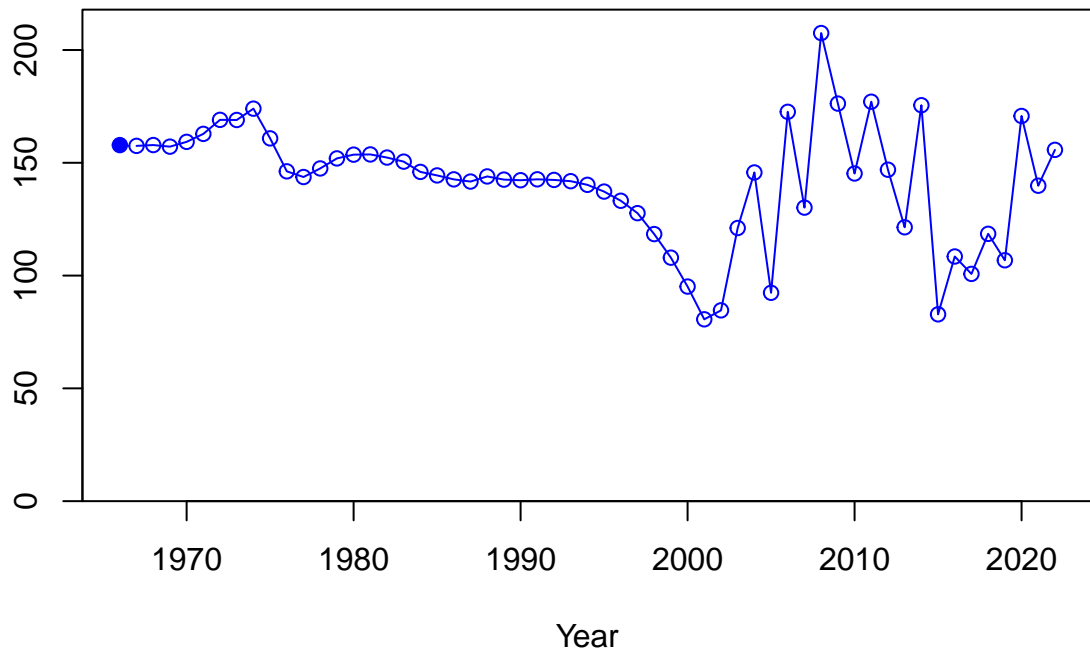
Relative spawning biomass: B/B_{MSY}



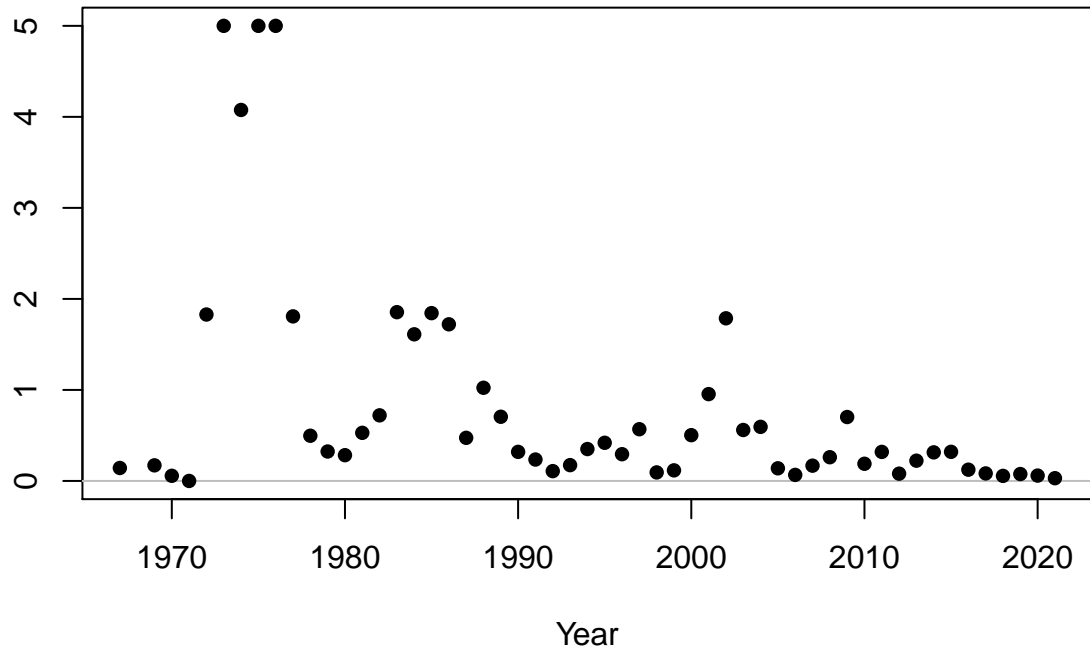


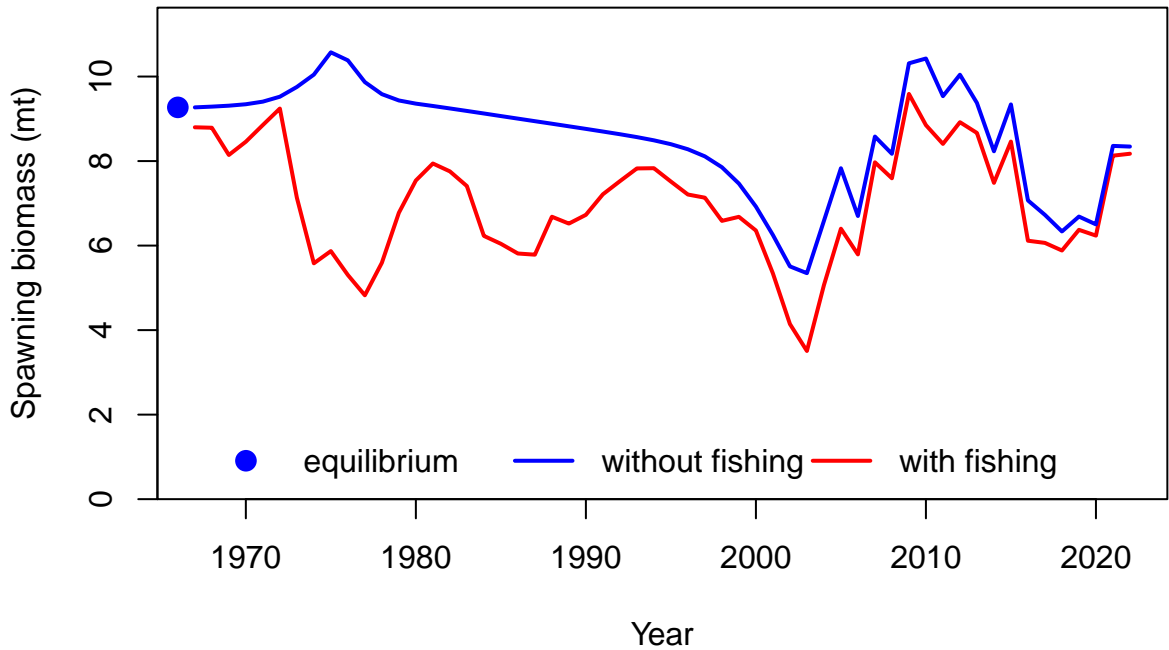


Age-0 recruits (1,000s)

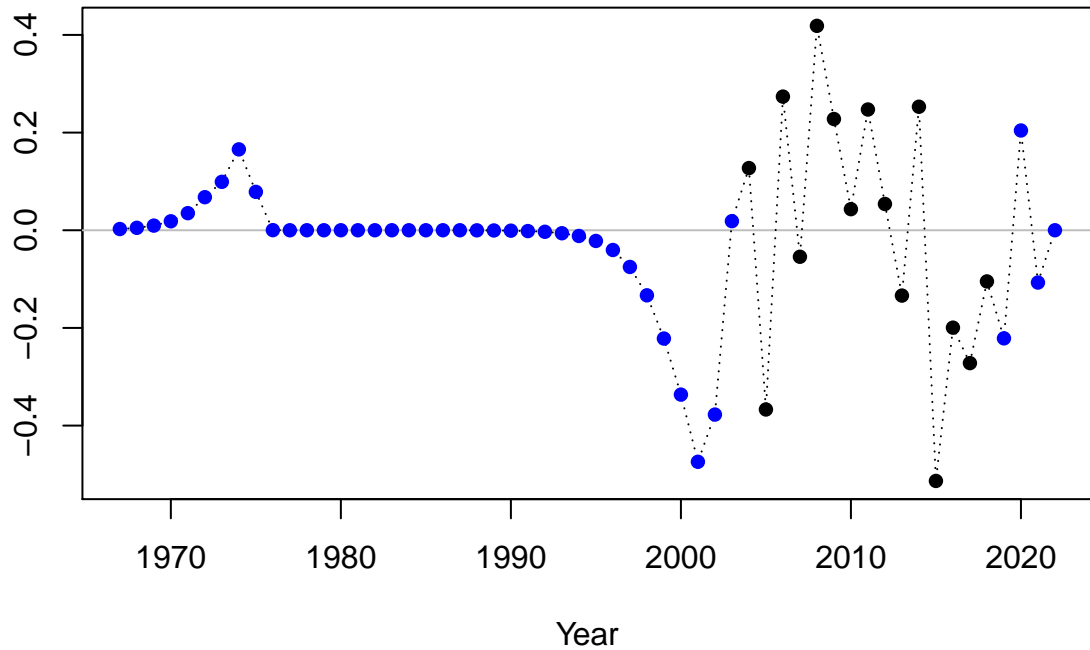


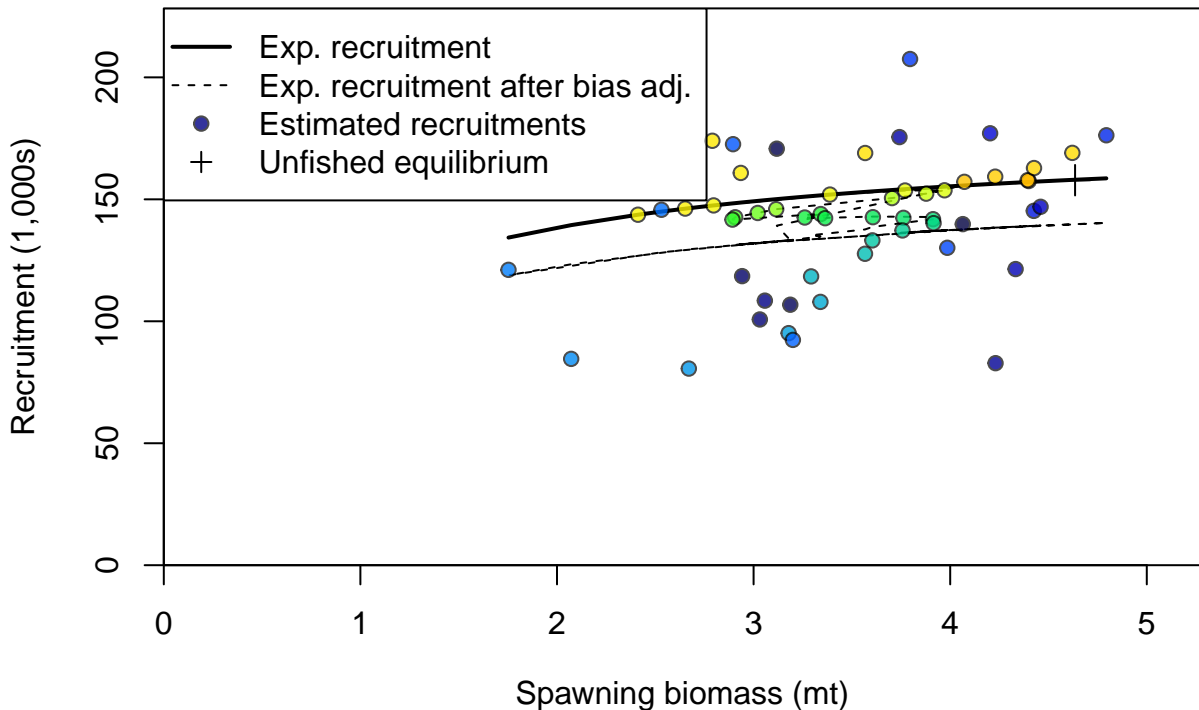
Summary Fishing Mortality

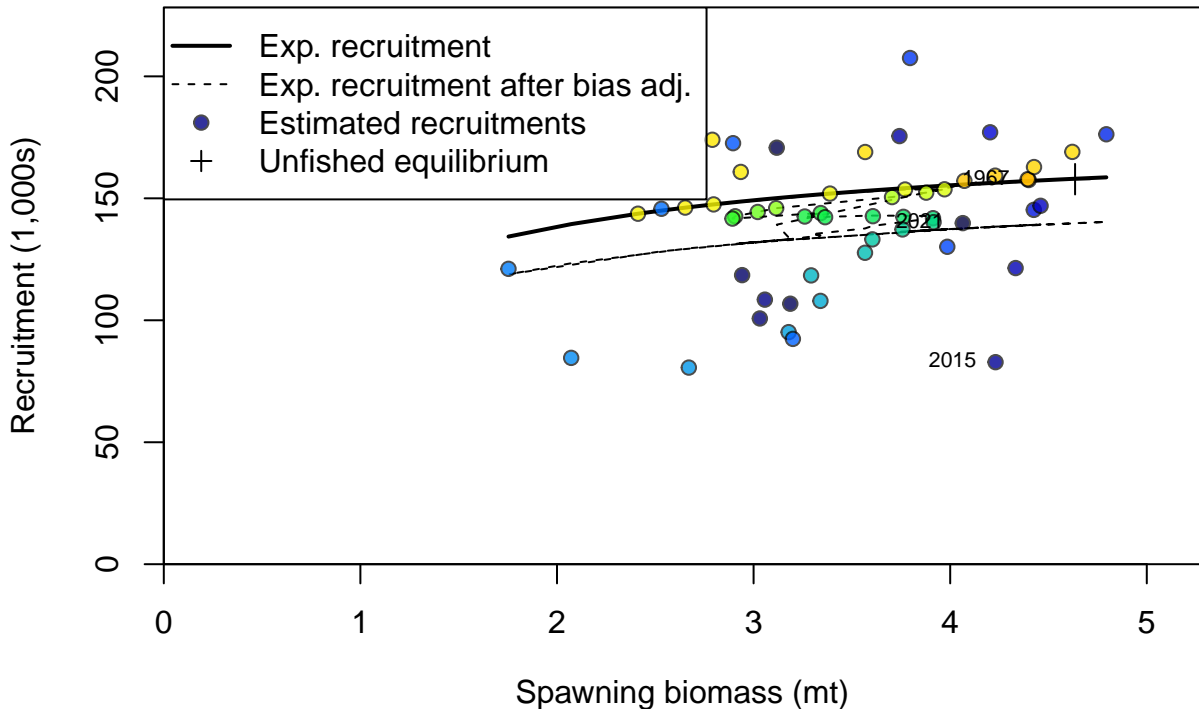




Log recruitment deviation







Log recruitment deviation

0.4
0.2
0.0
-0.2
-0.4

0.0

0.2

0.4

0.6

0.8

1.0

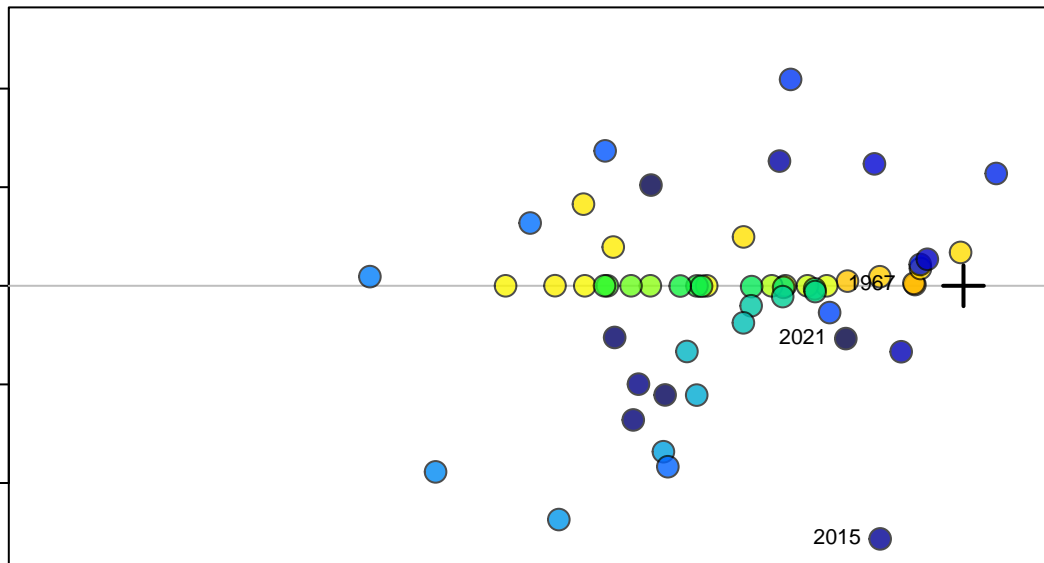
Spawning output (relative to B_0)

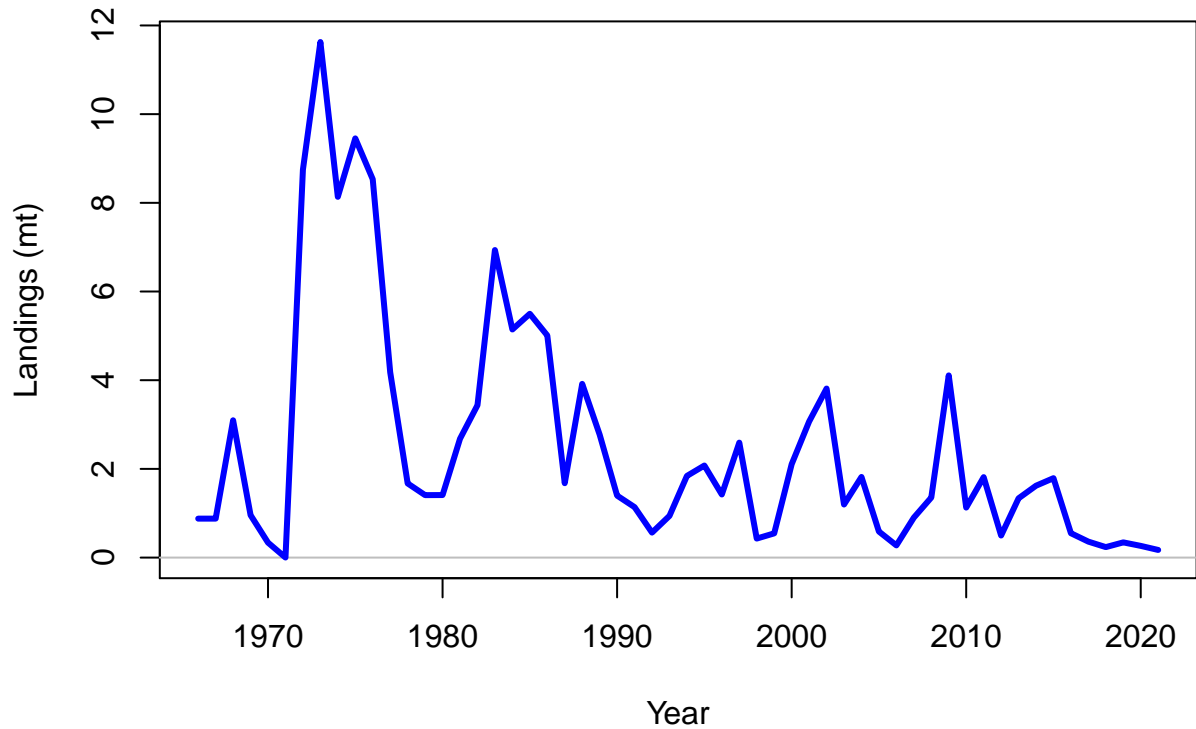
2021

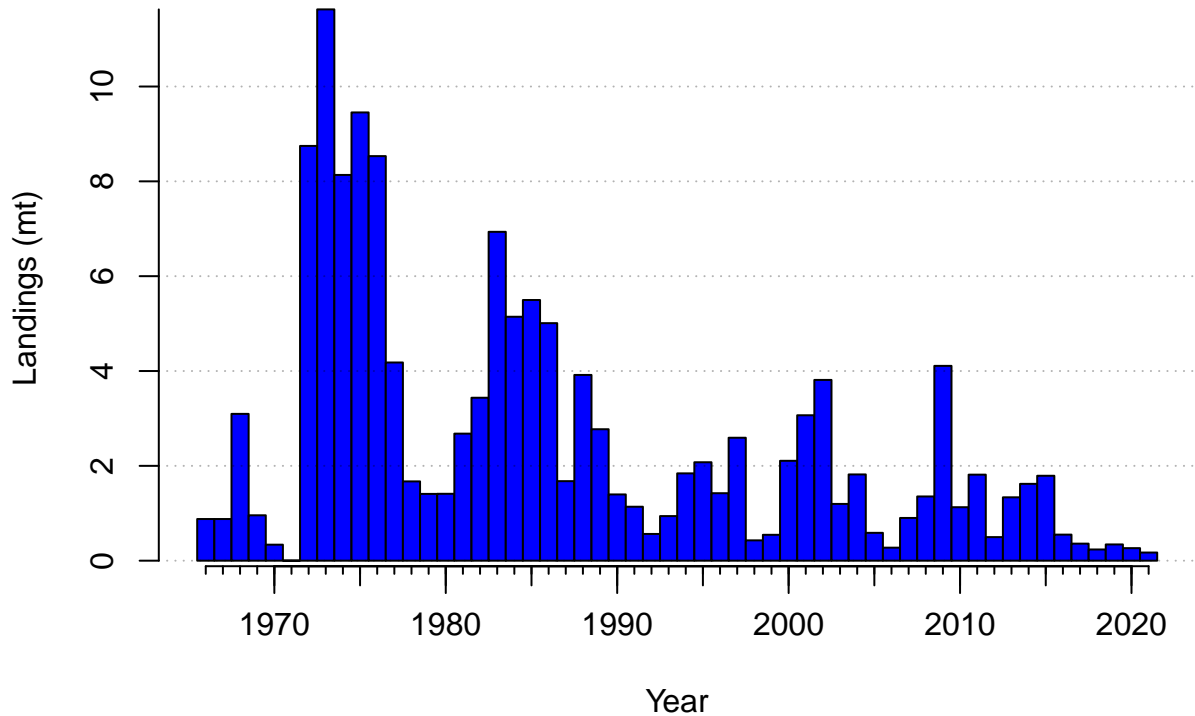
2015

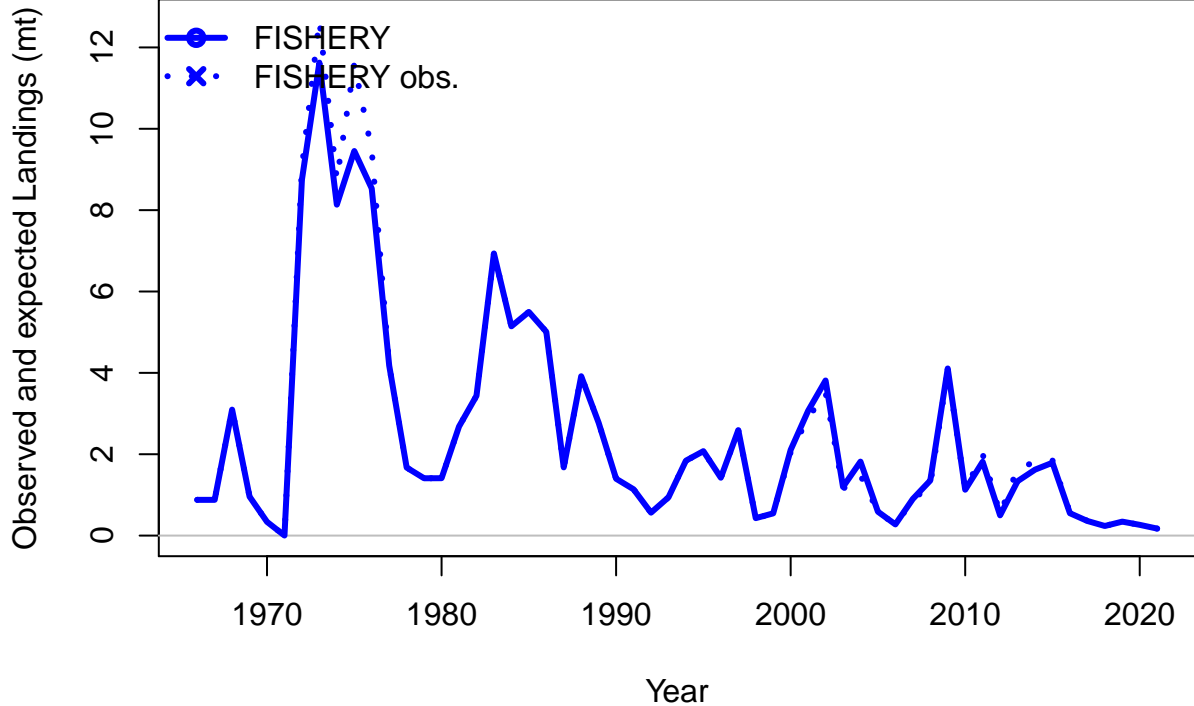
1967

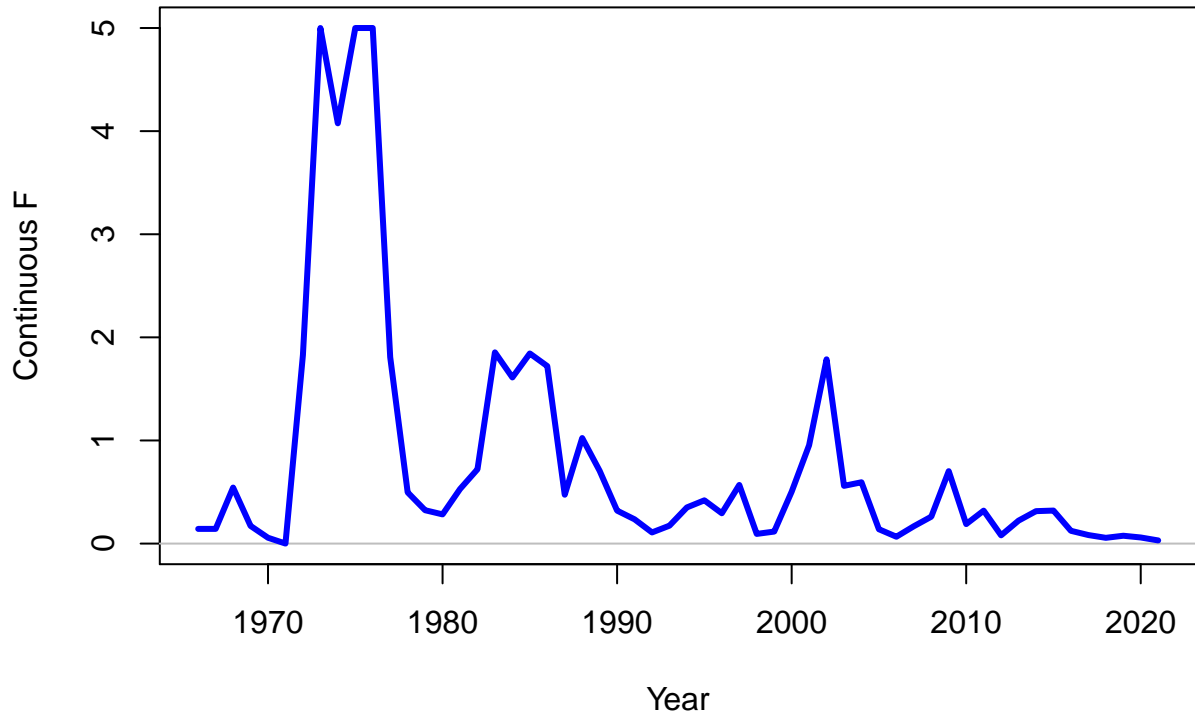
+



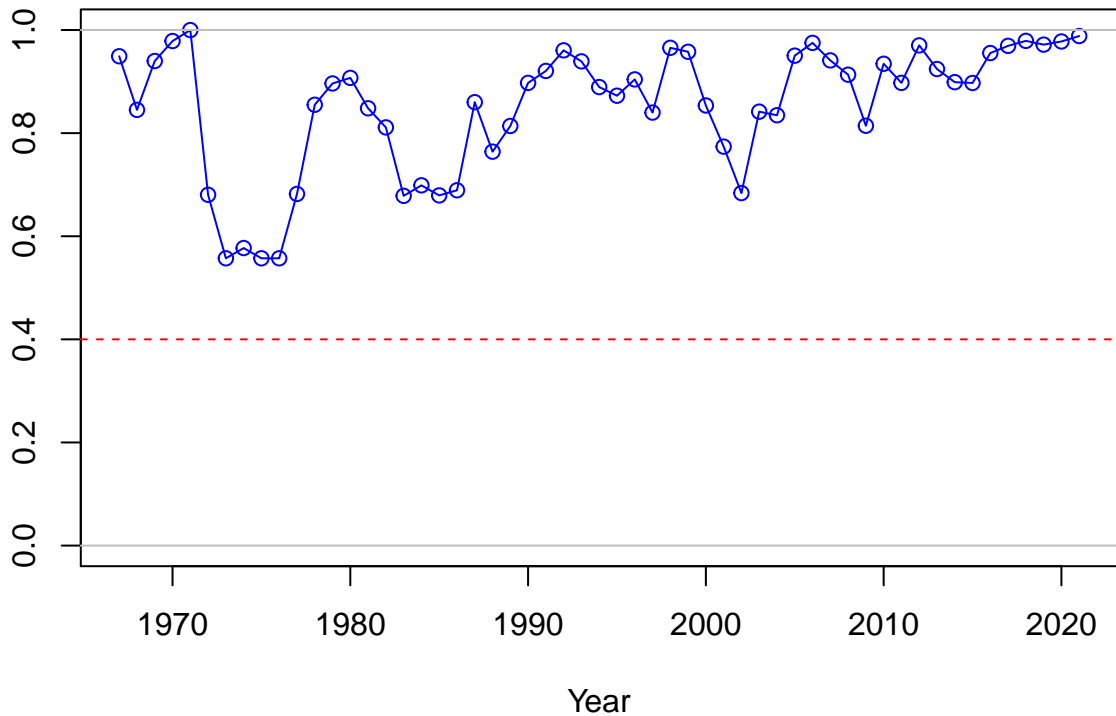




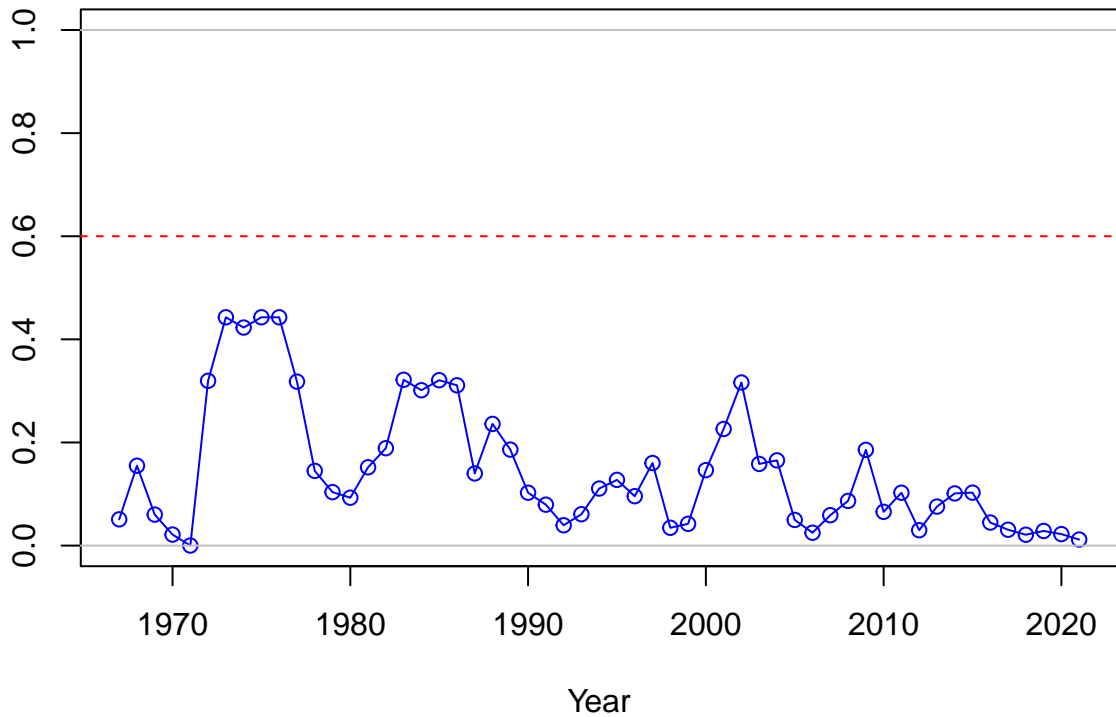




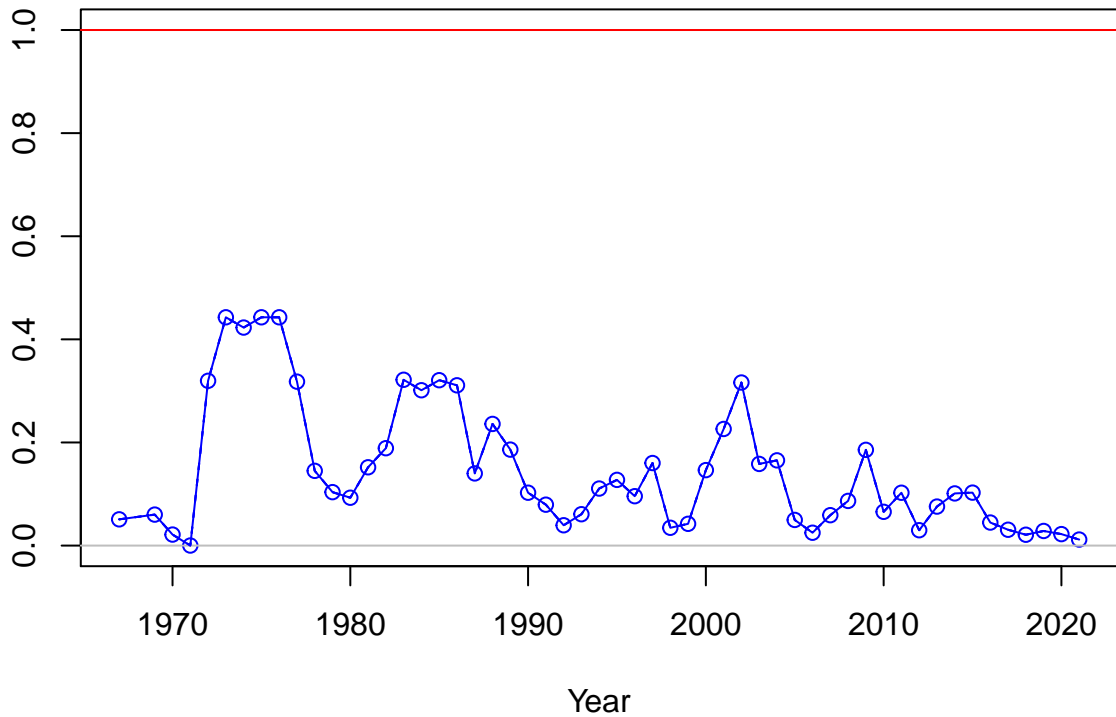
SPR



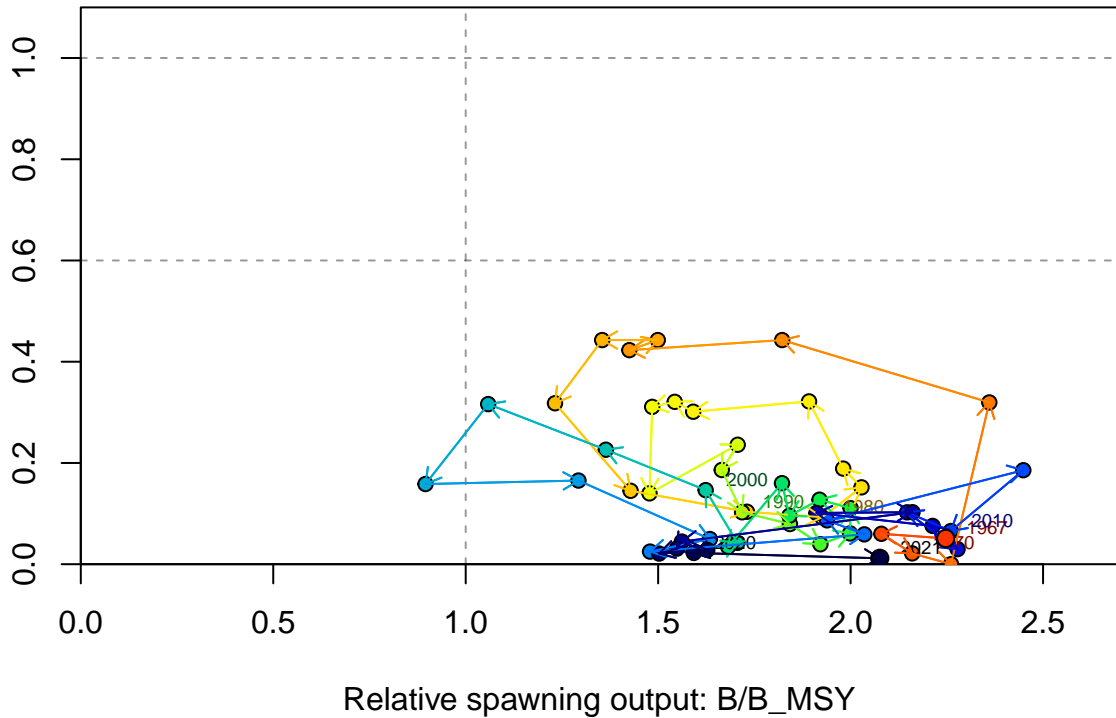
1-SPR



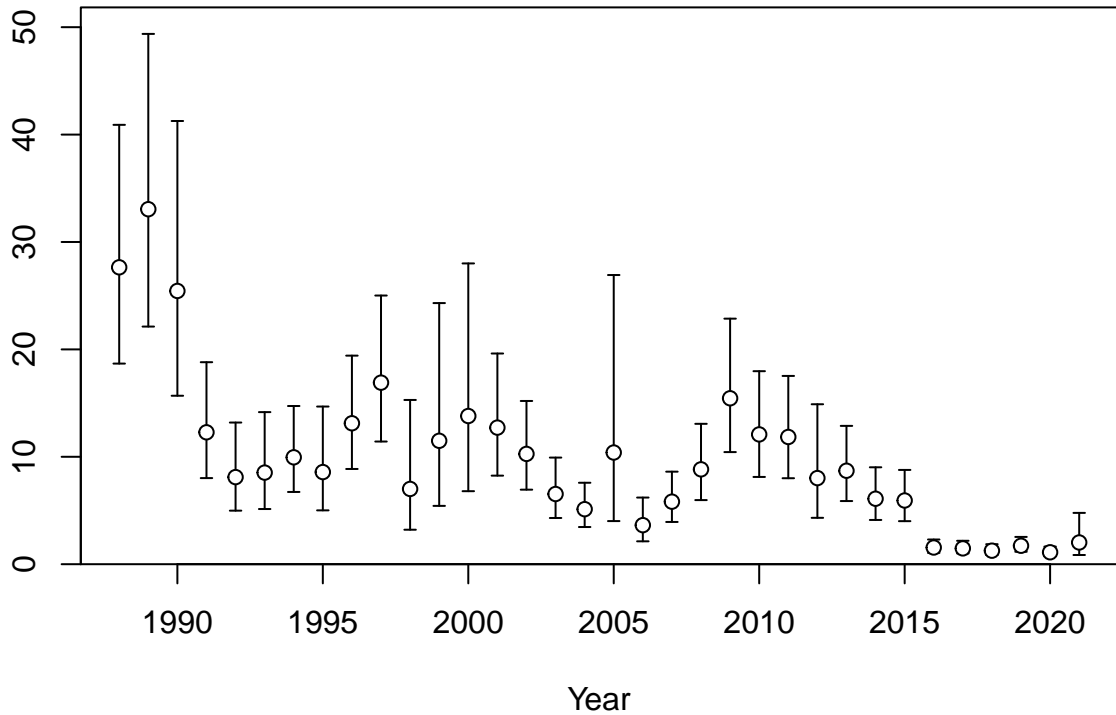
Fishing intensity: 1-SPR



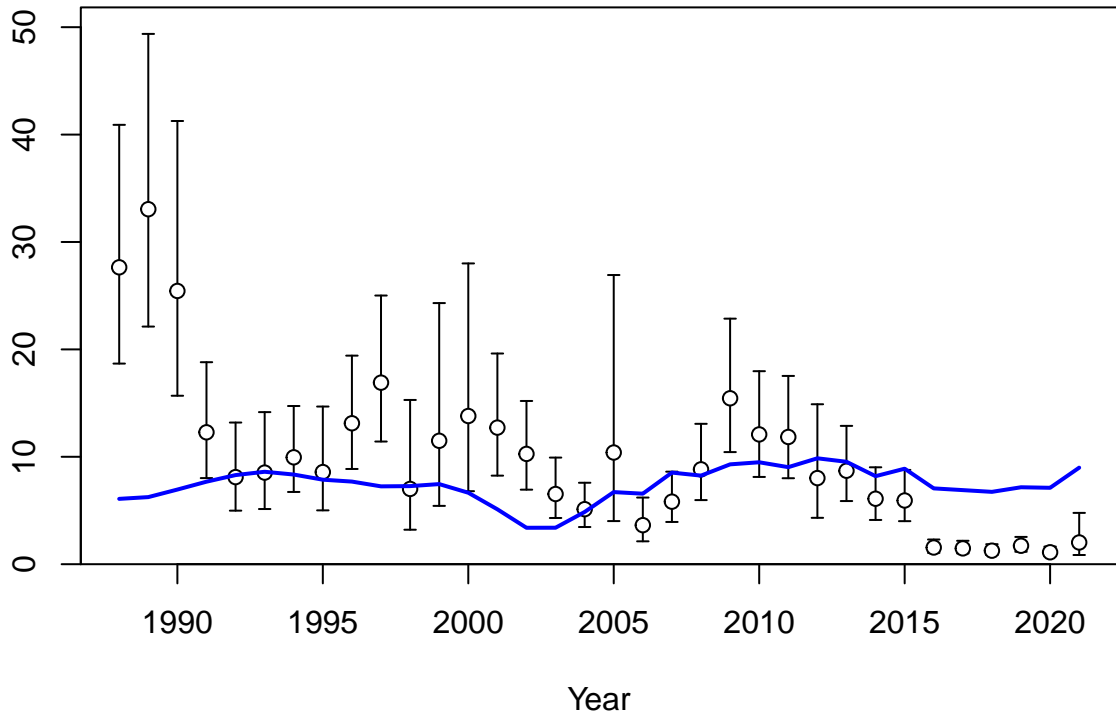
Fishing intensity: 1-SPR

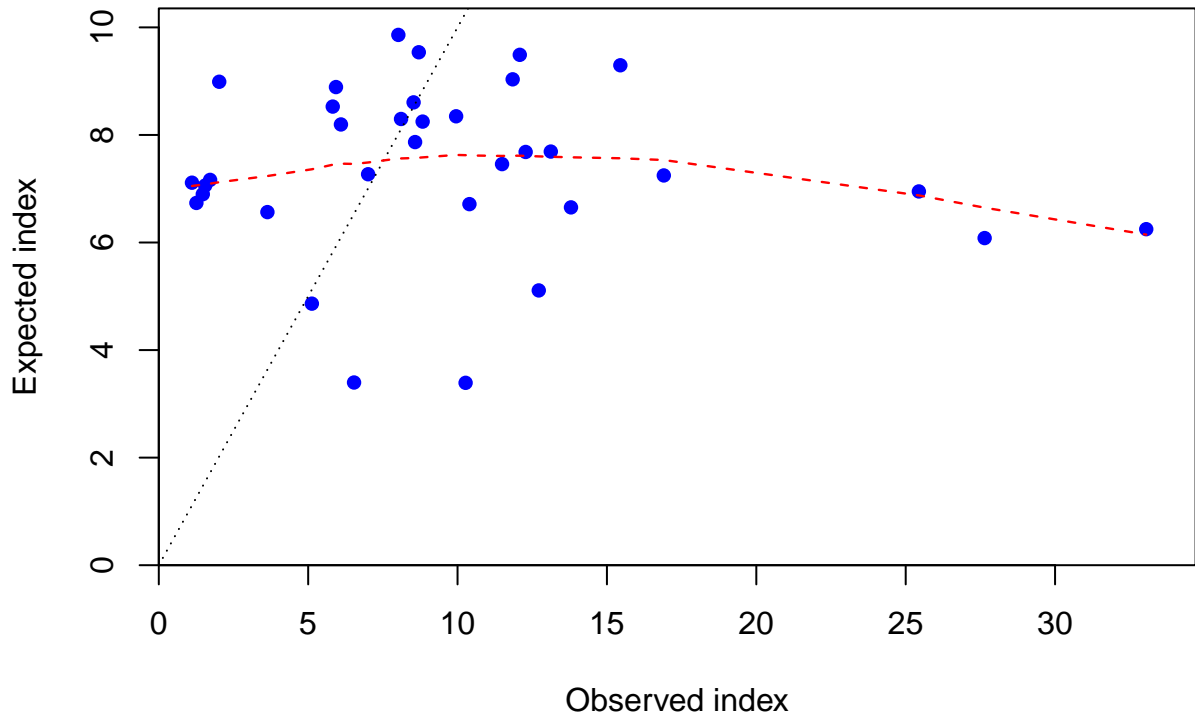


Index

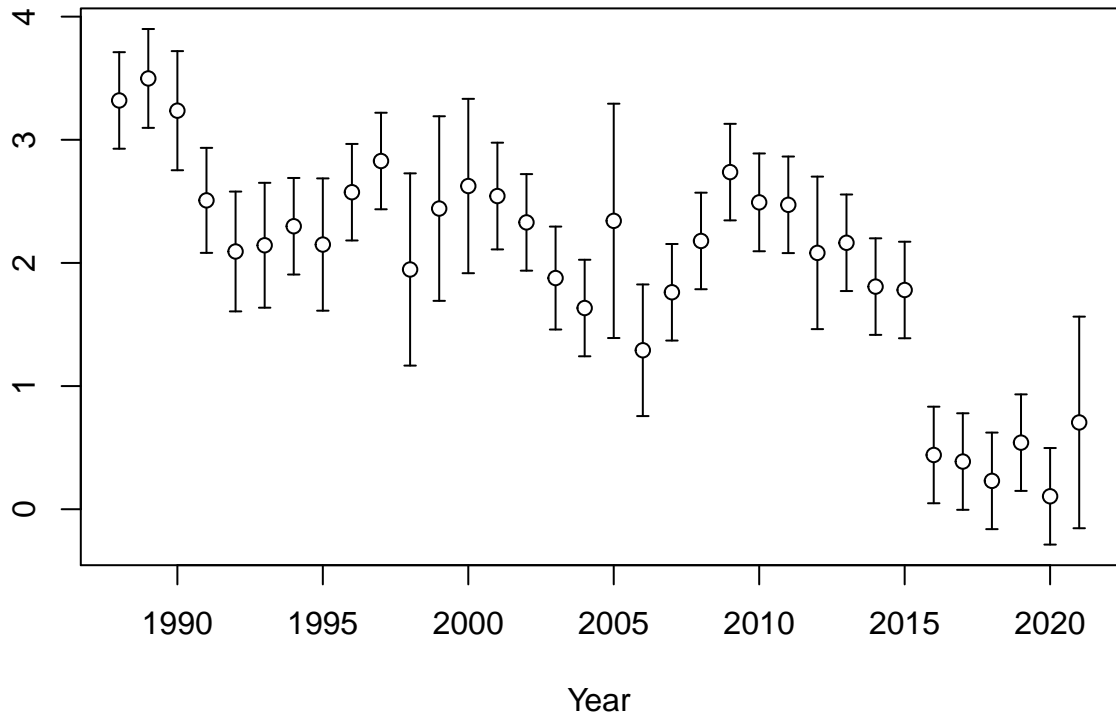


Index

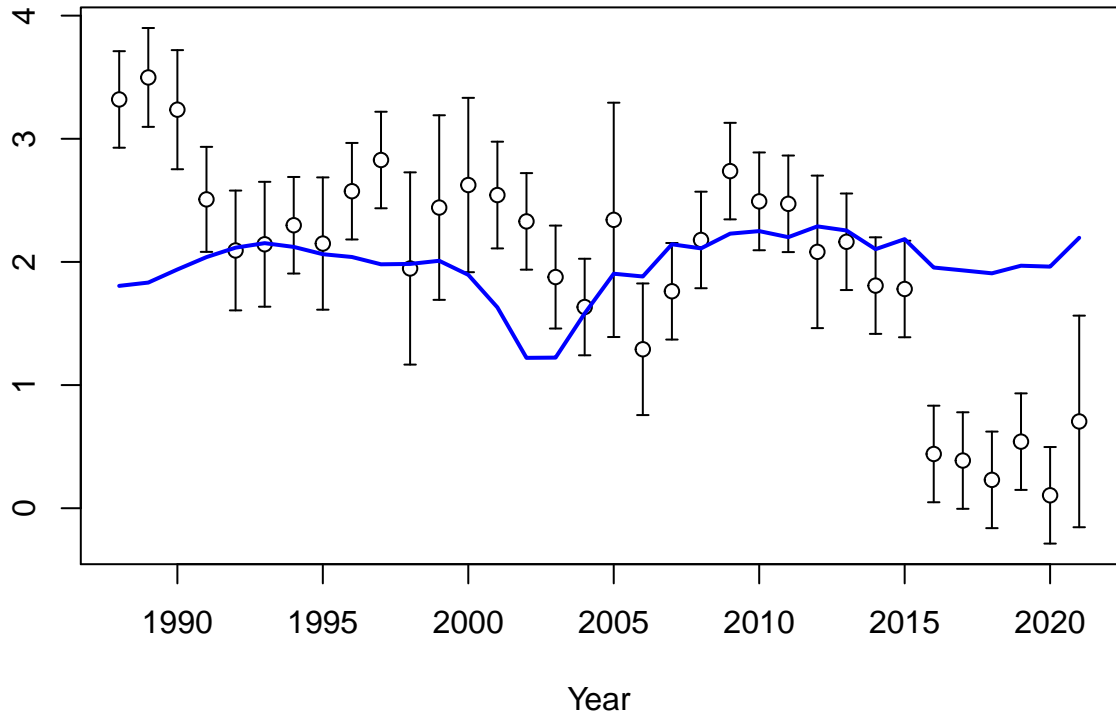


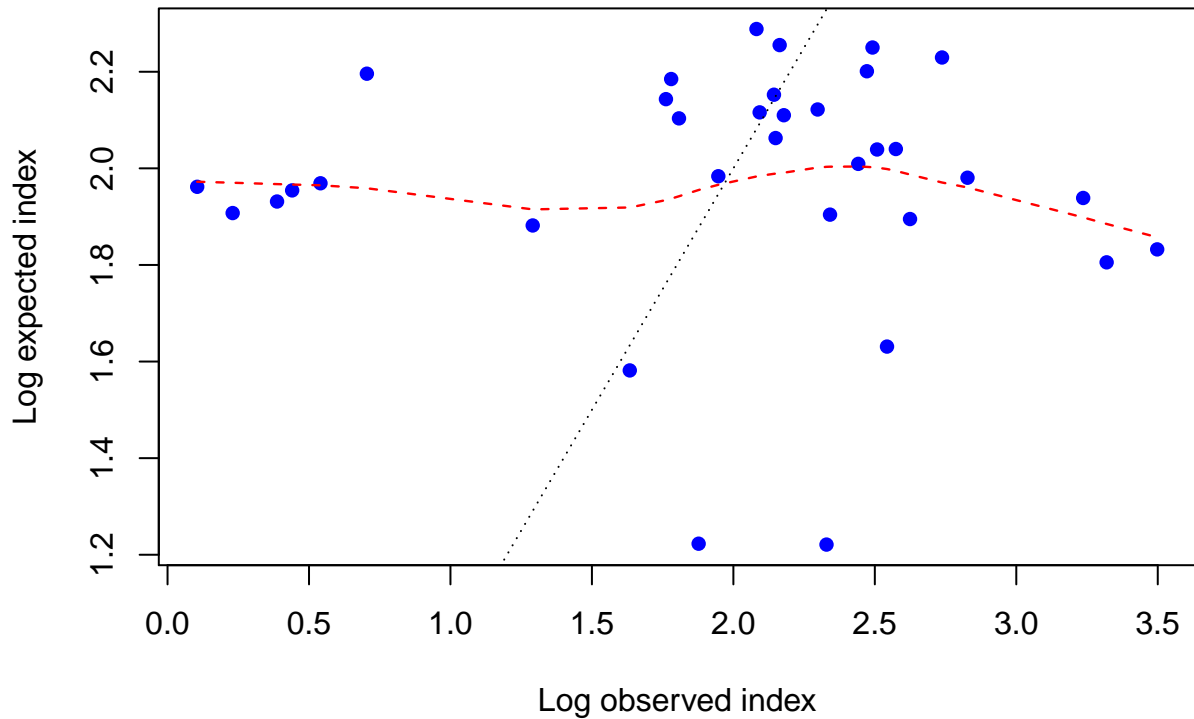


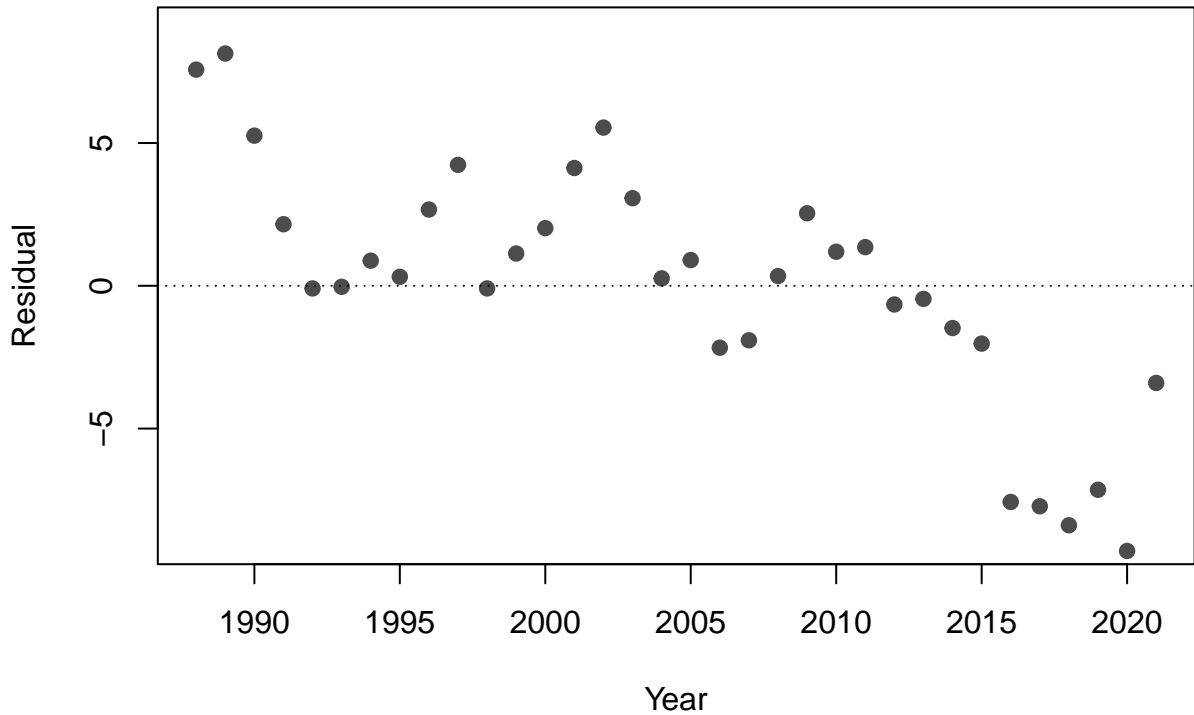
Log index

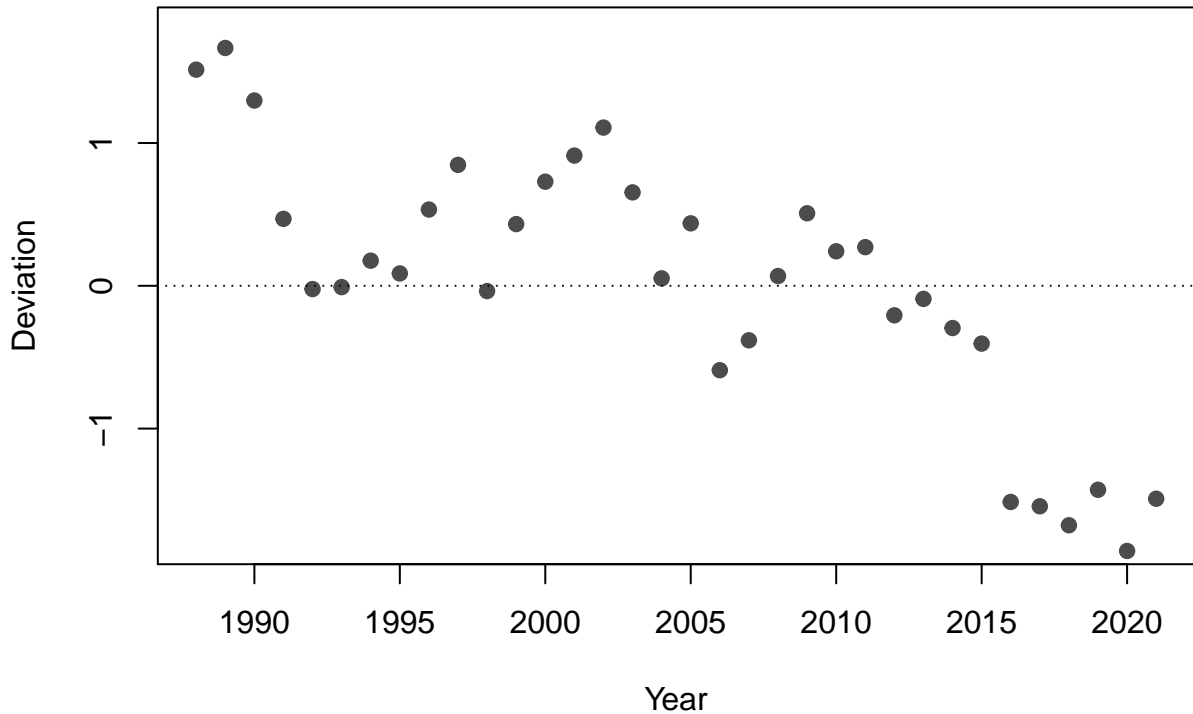


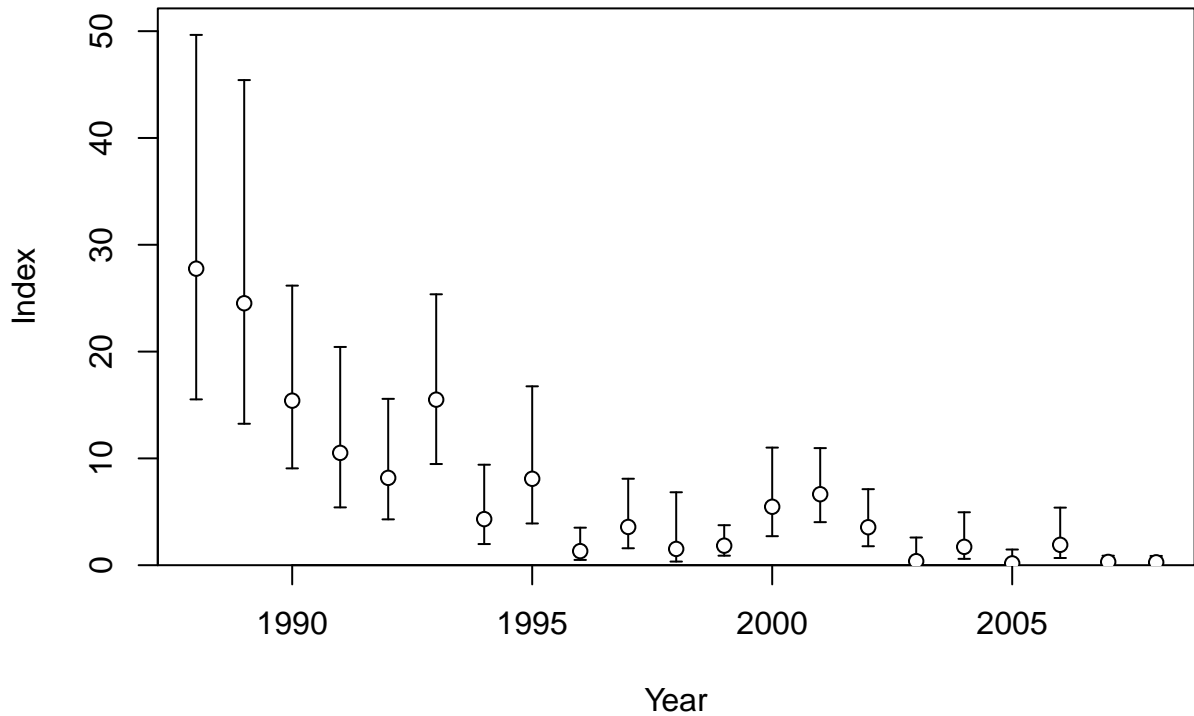
Log index

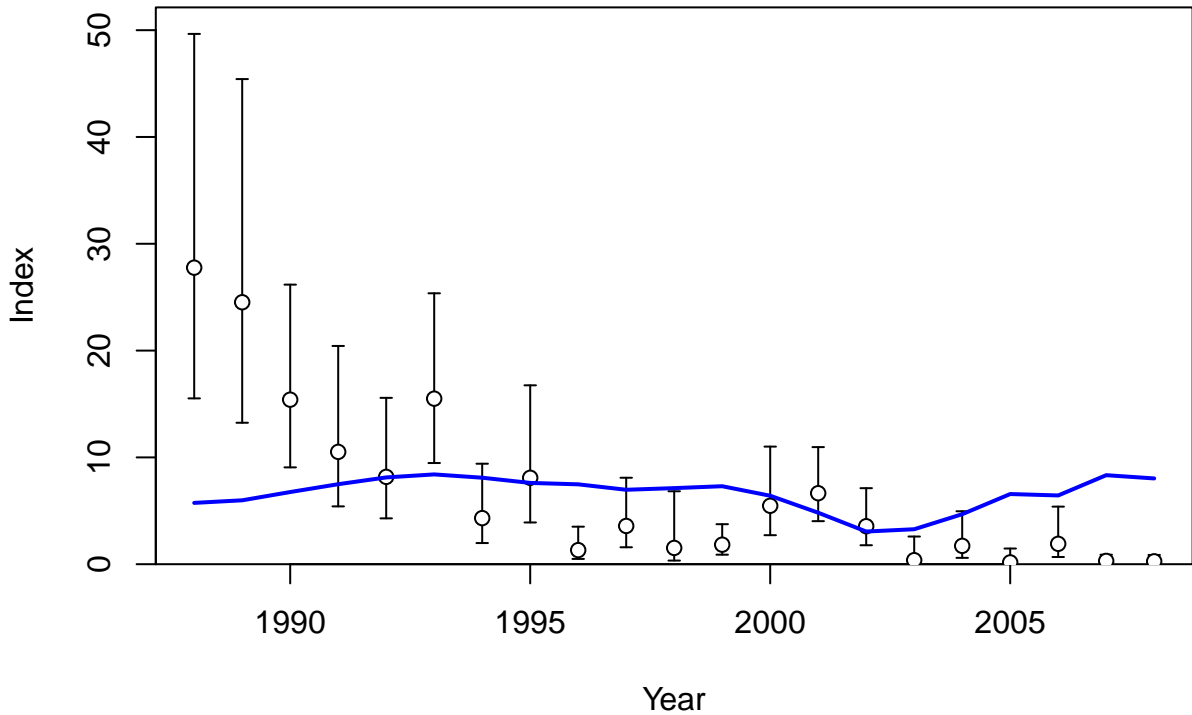


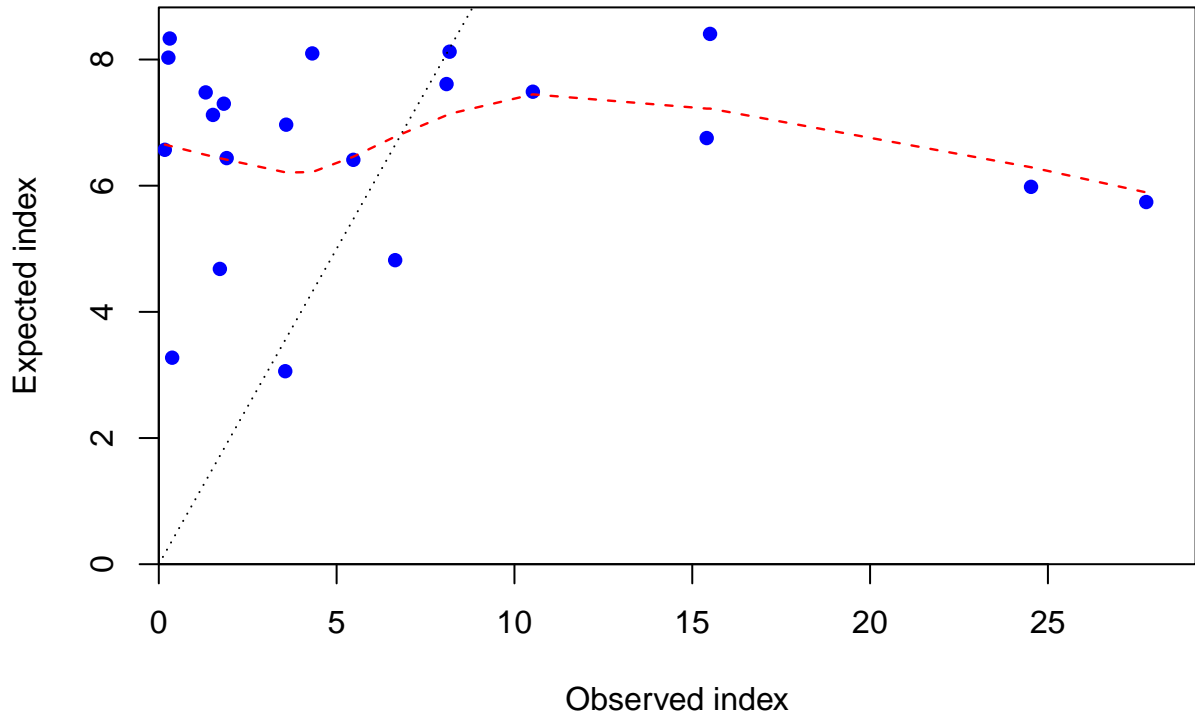


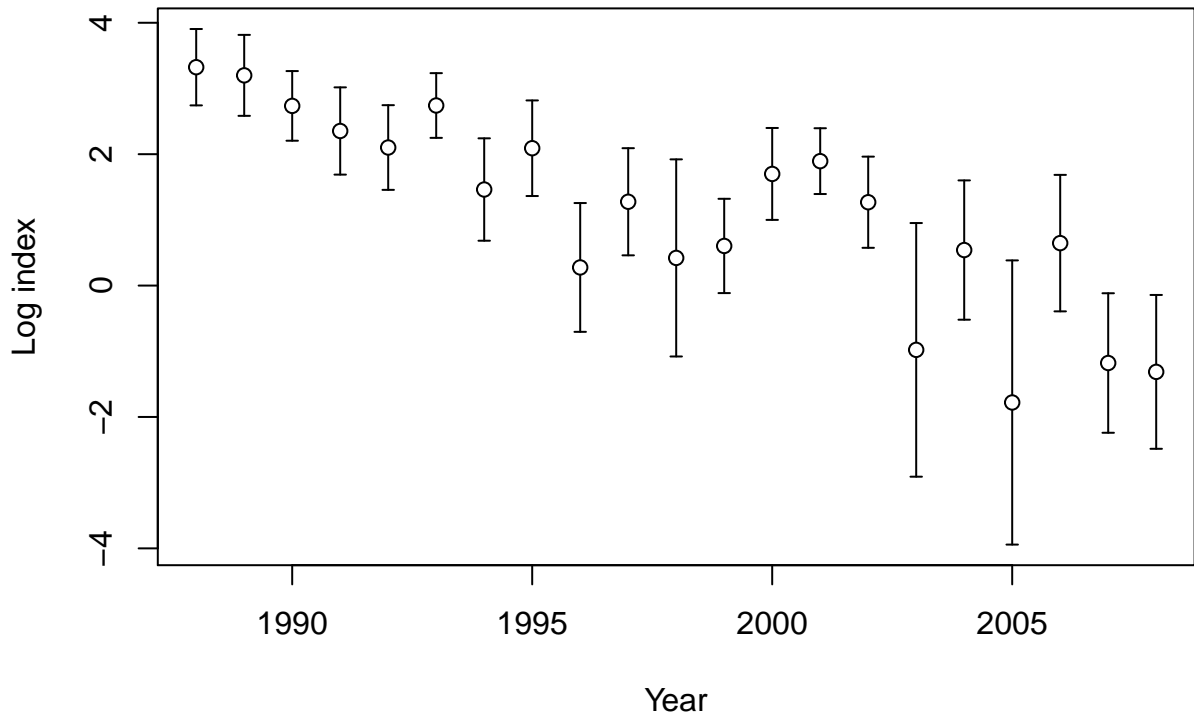


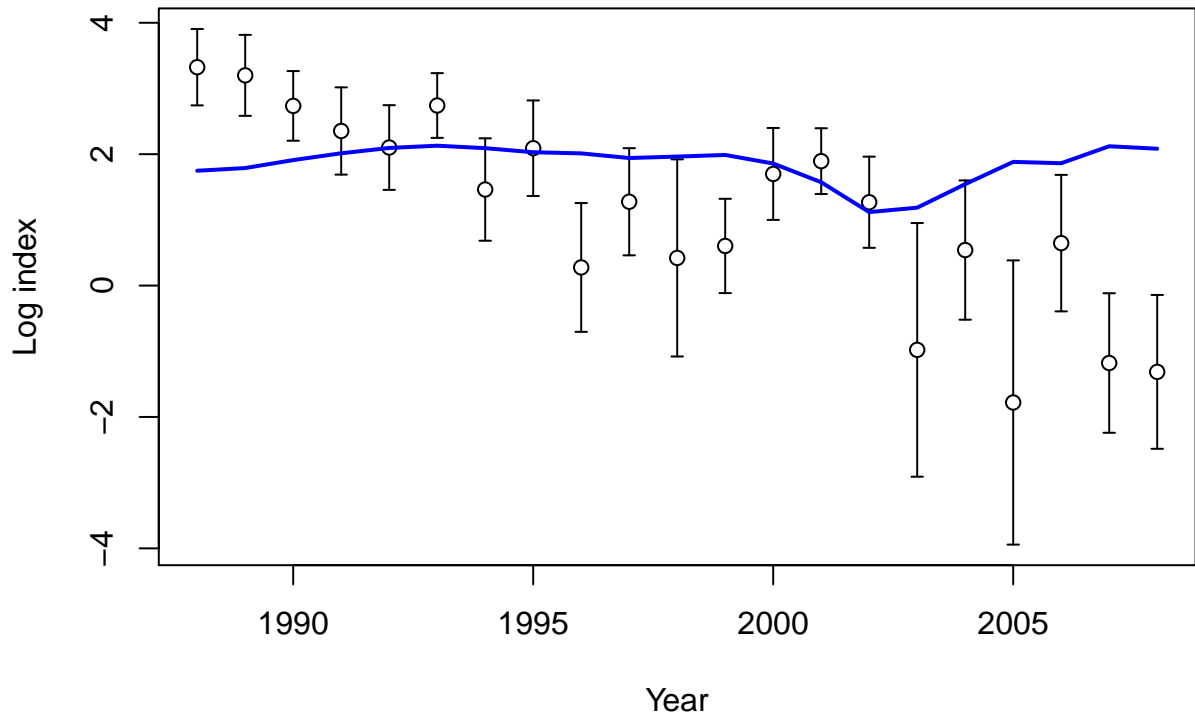


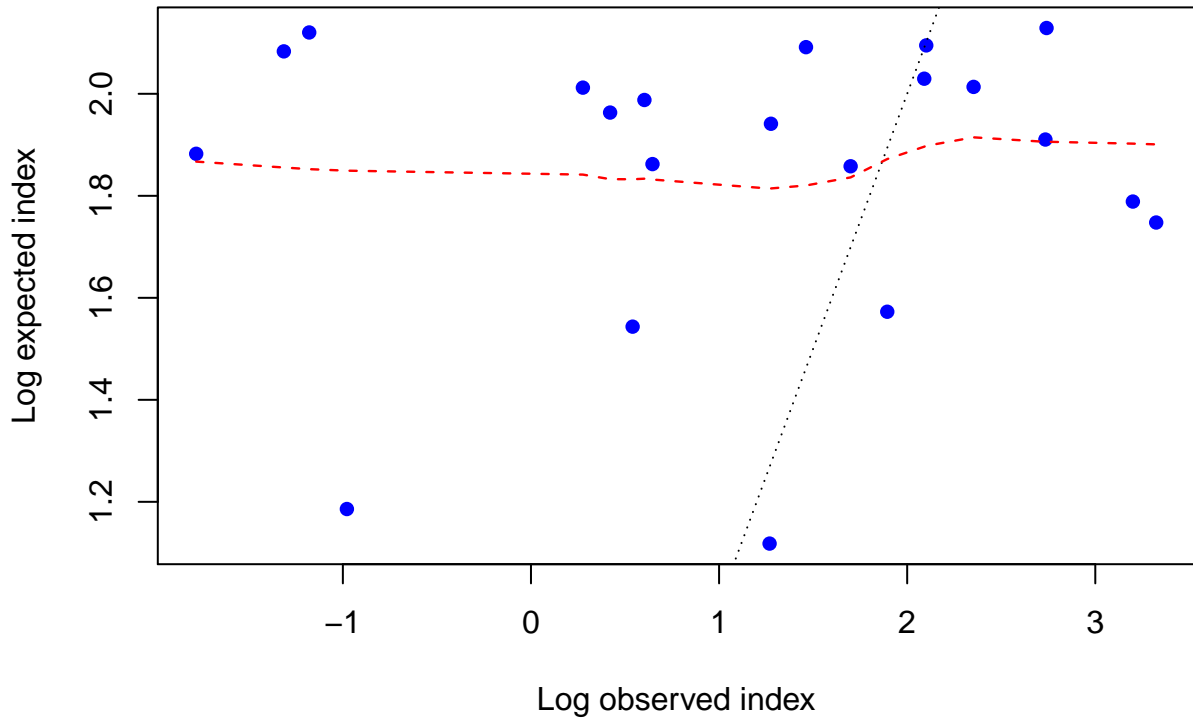


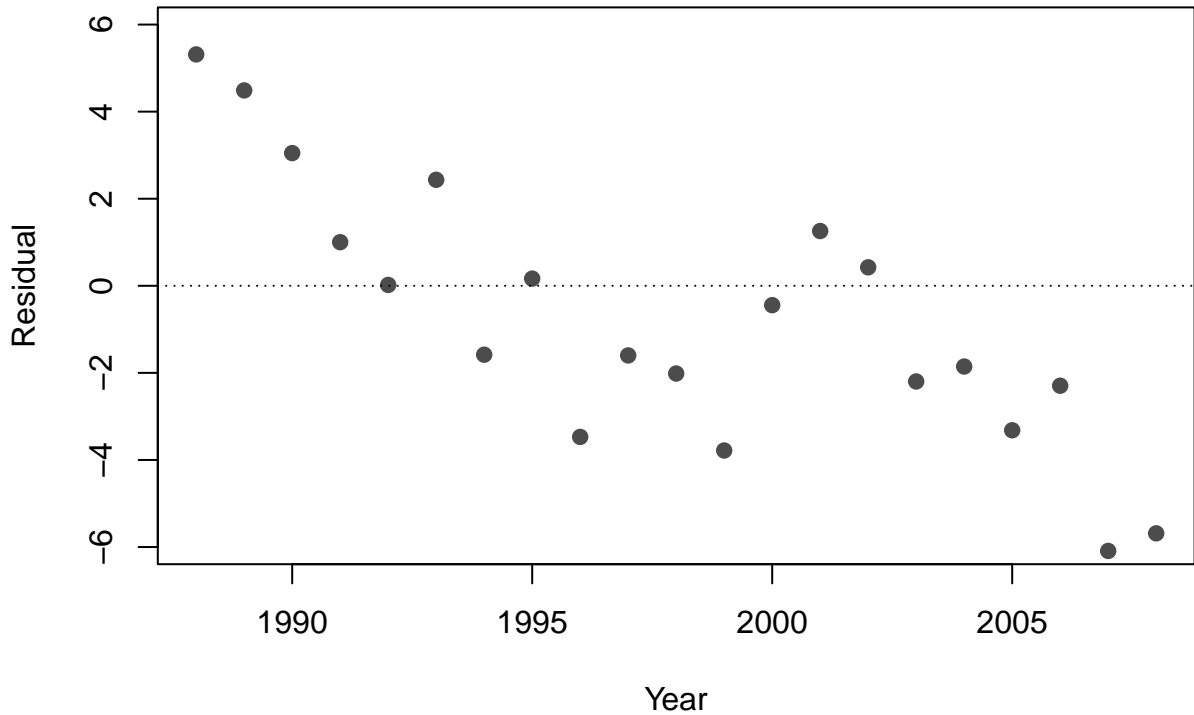


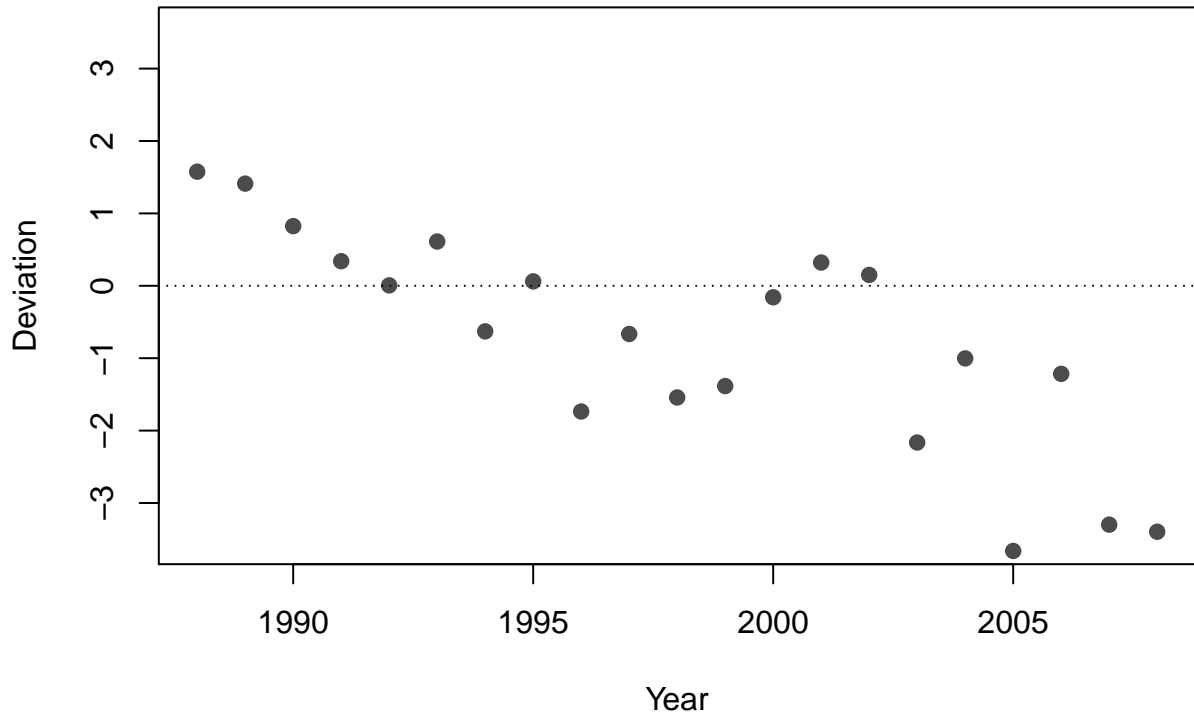




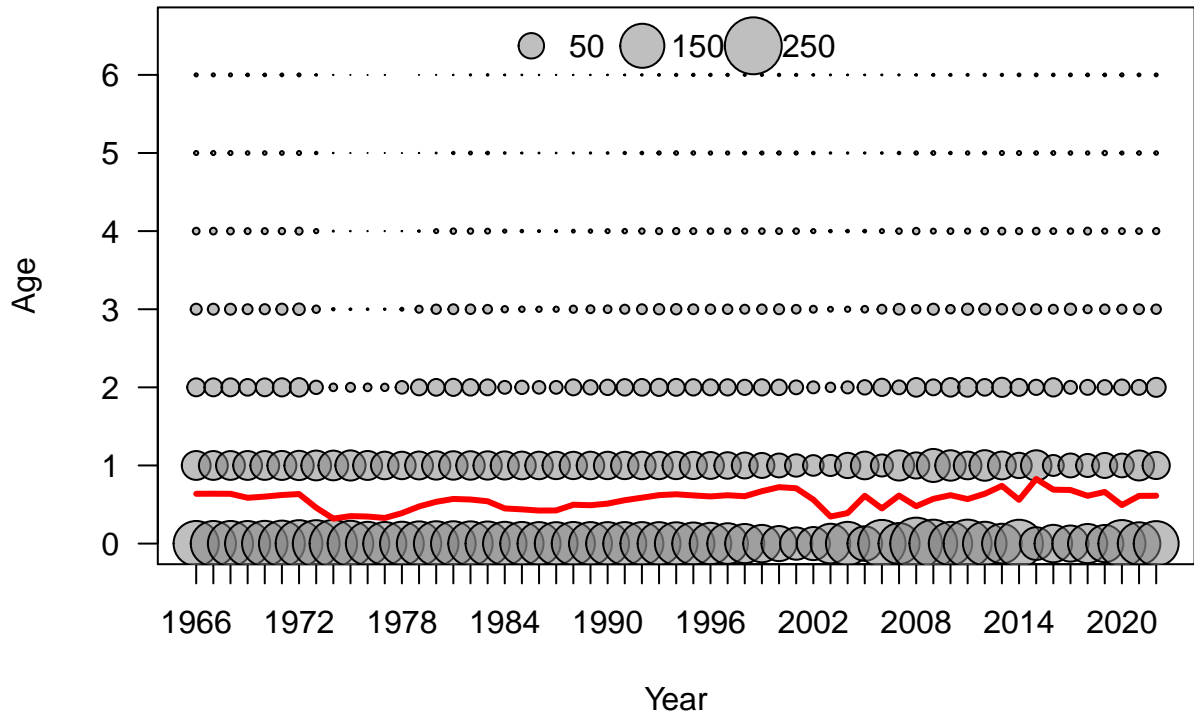




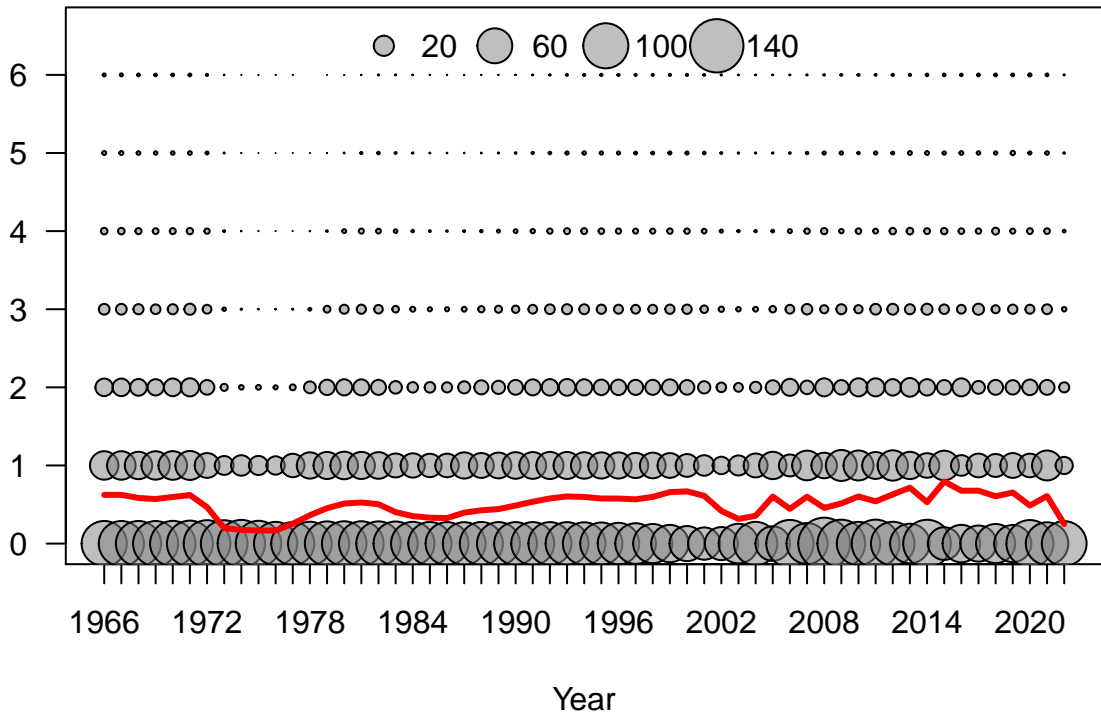


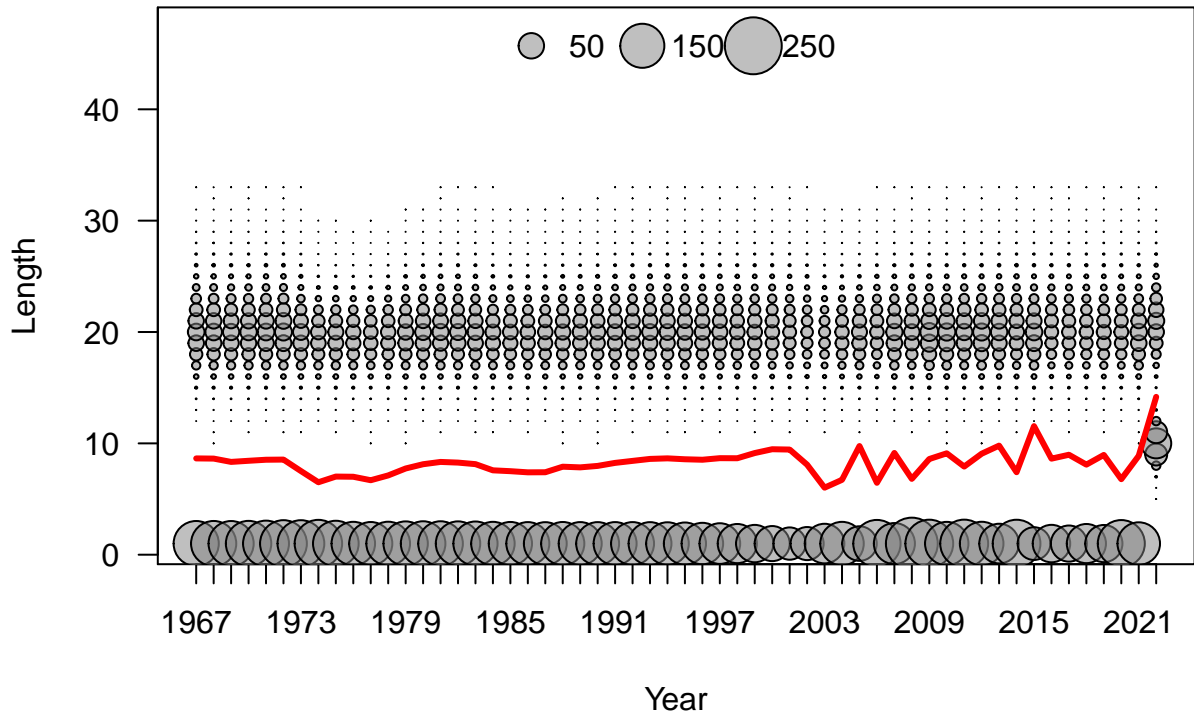


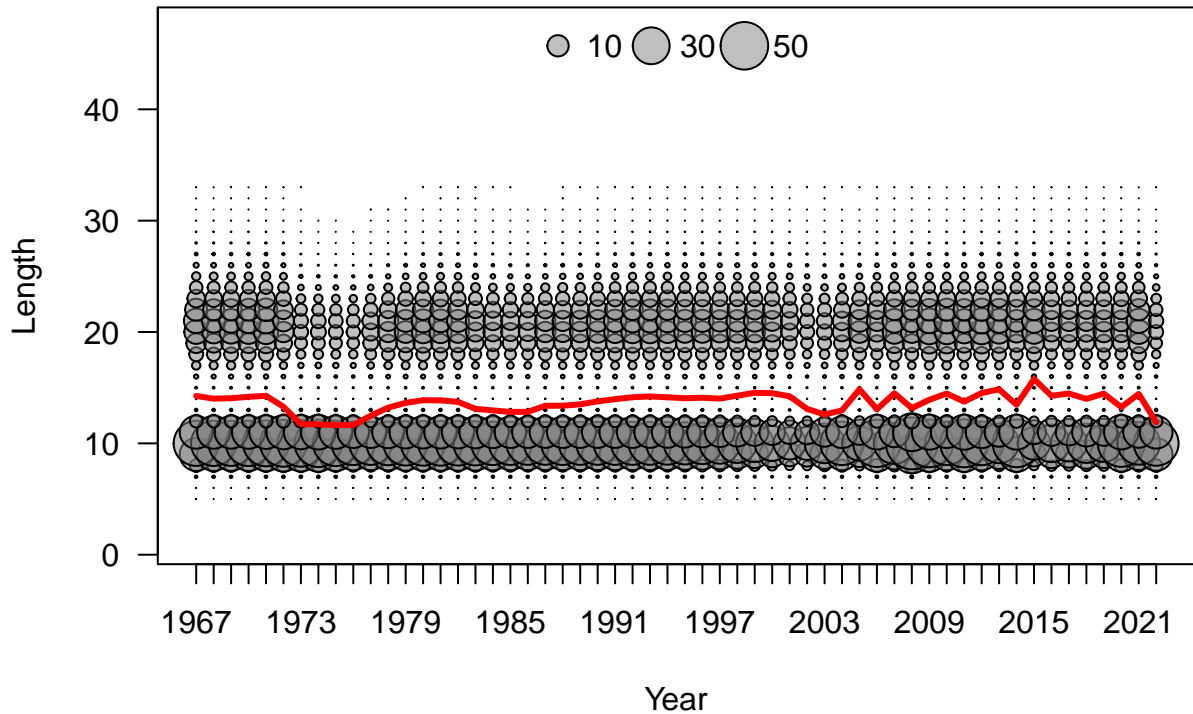


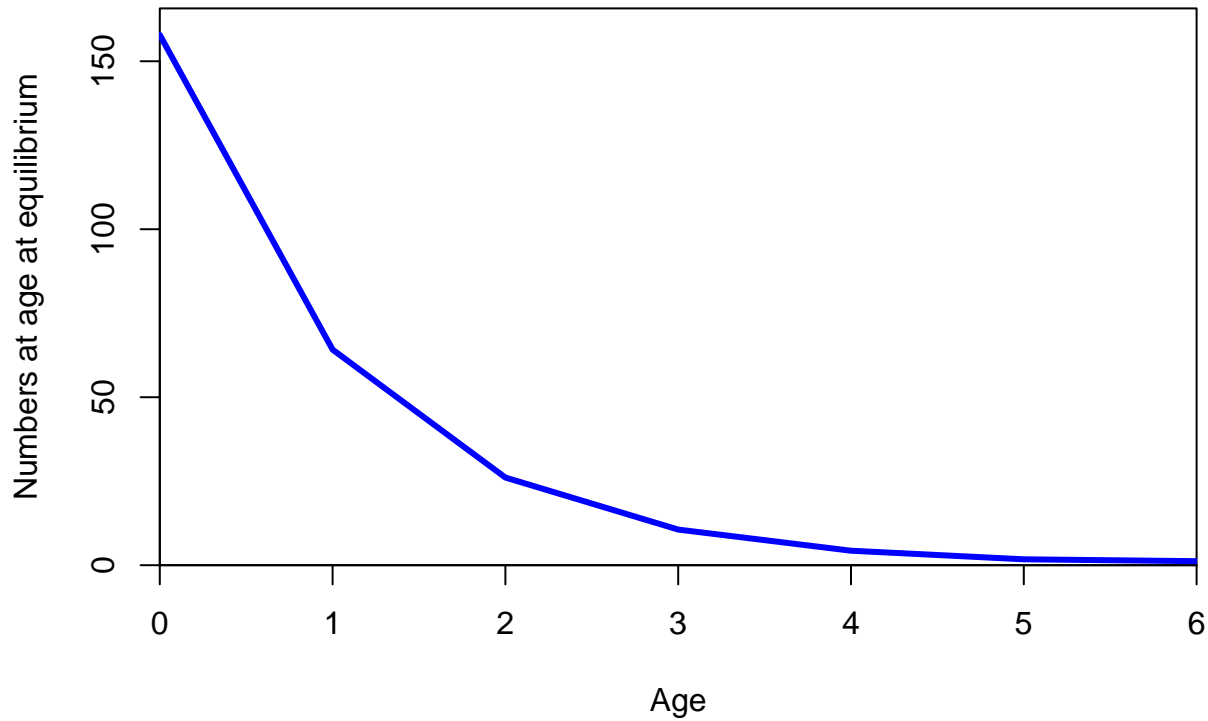


Age



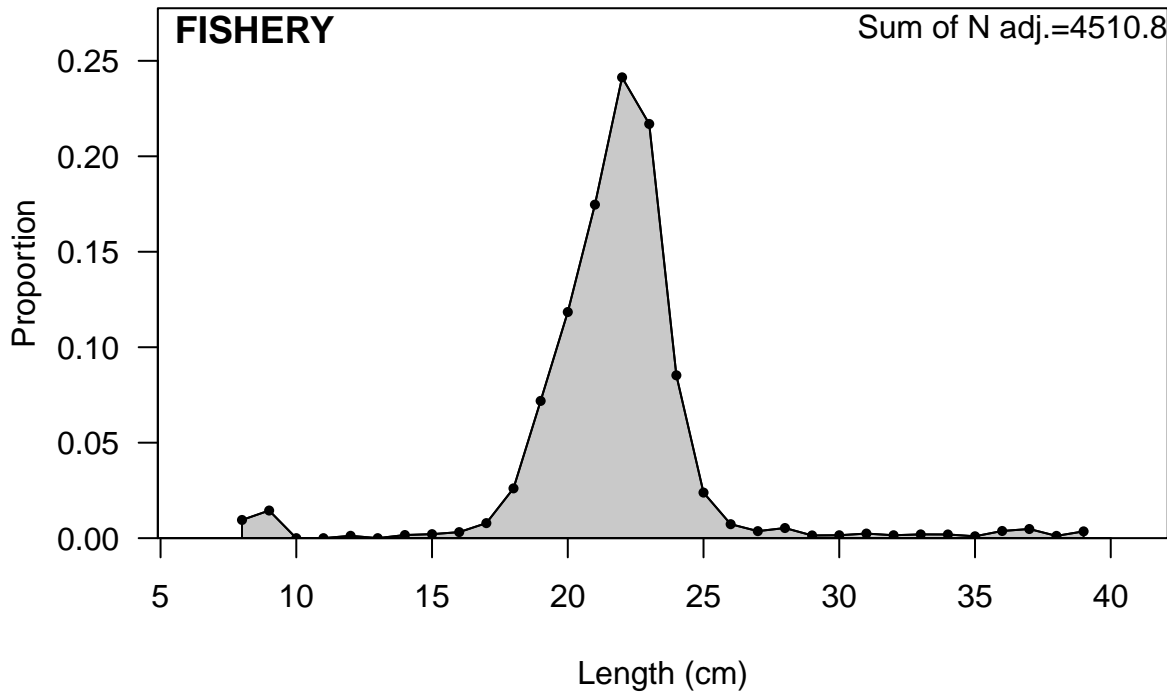


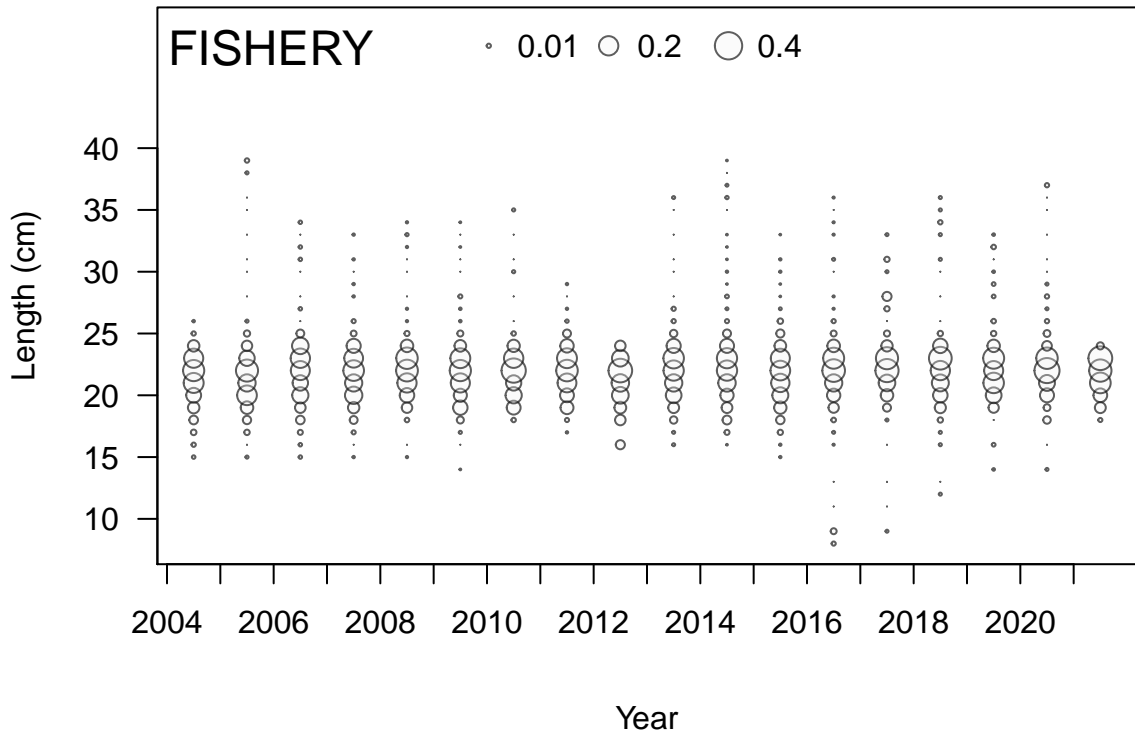


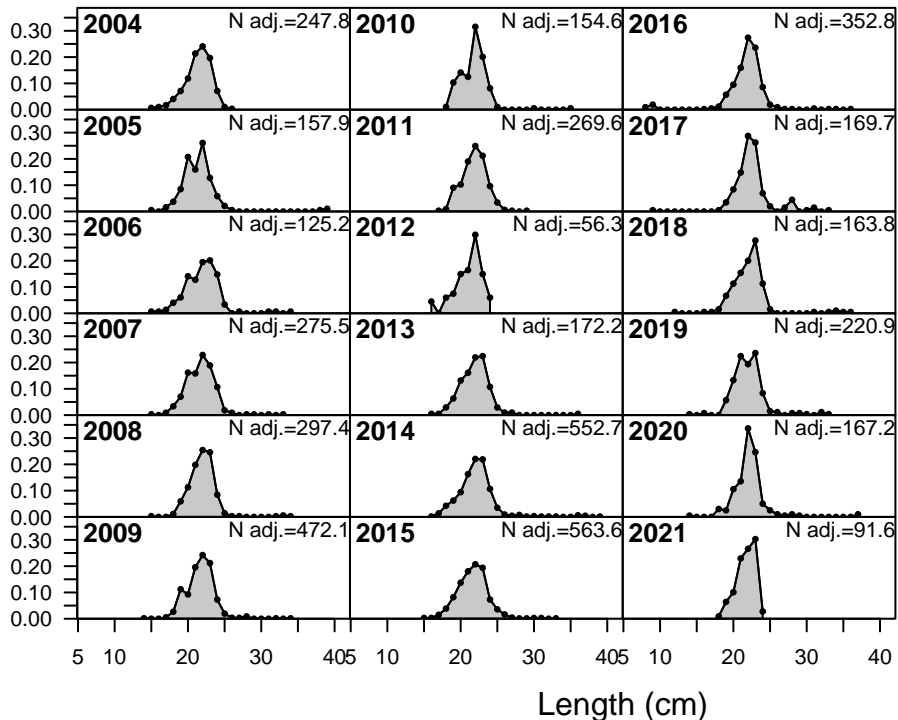


FISHERY

Sum of N adj.=4510.8

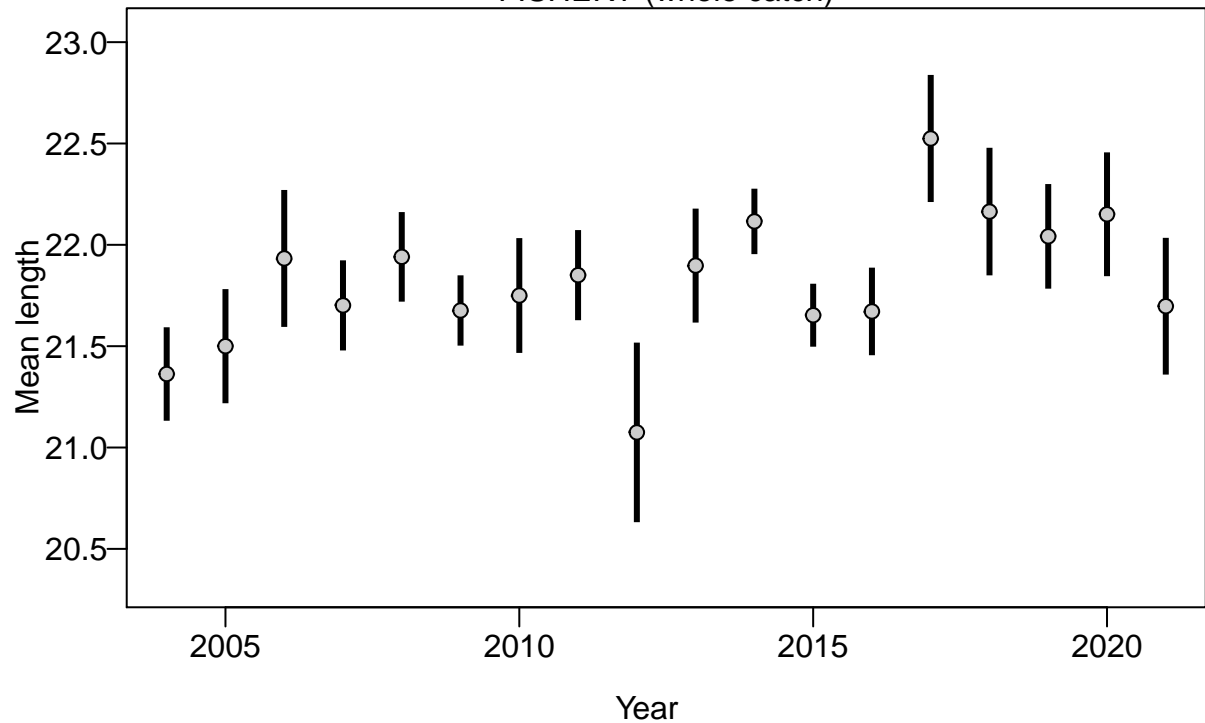






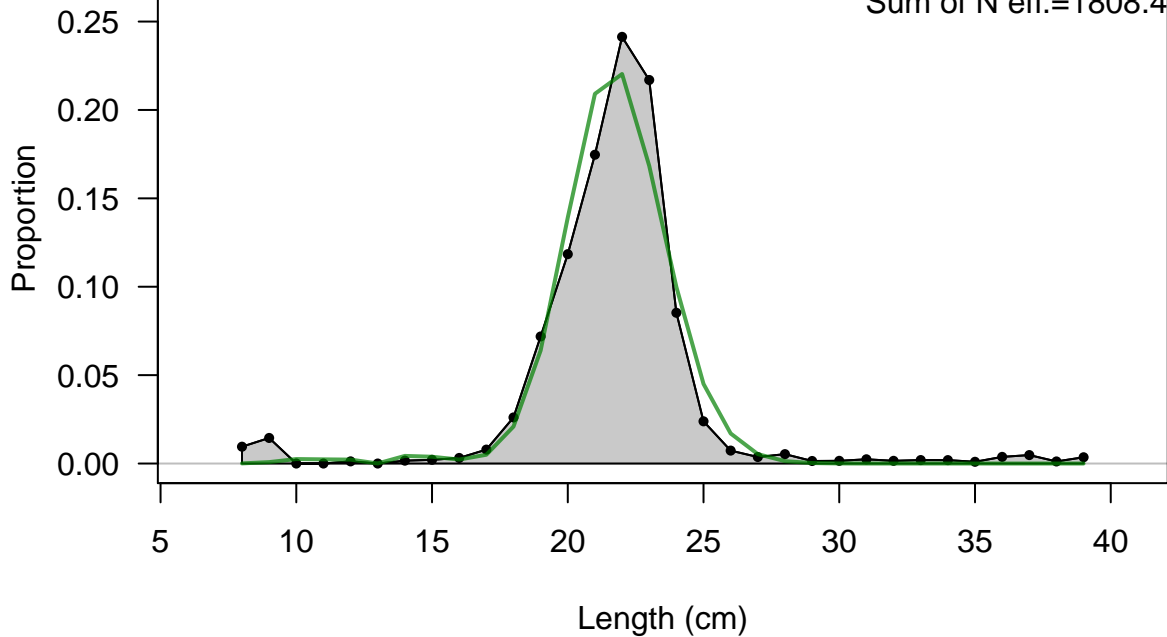


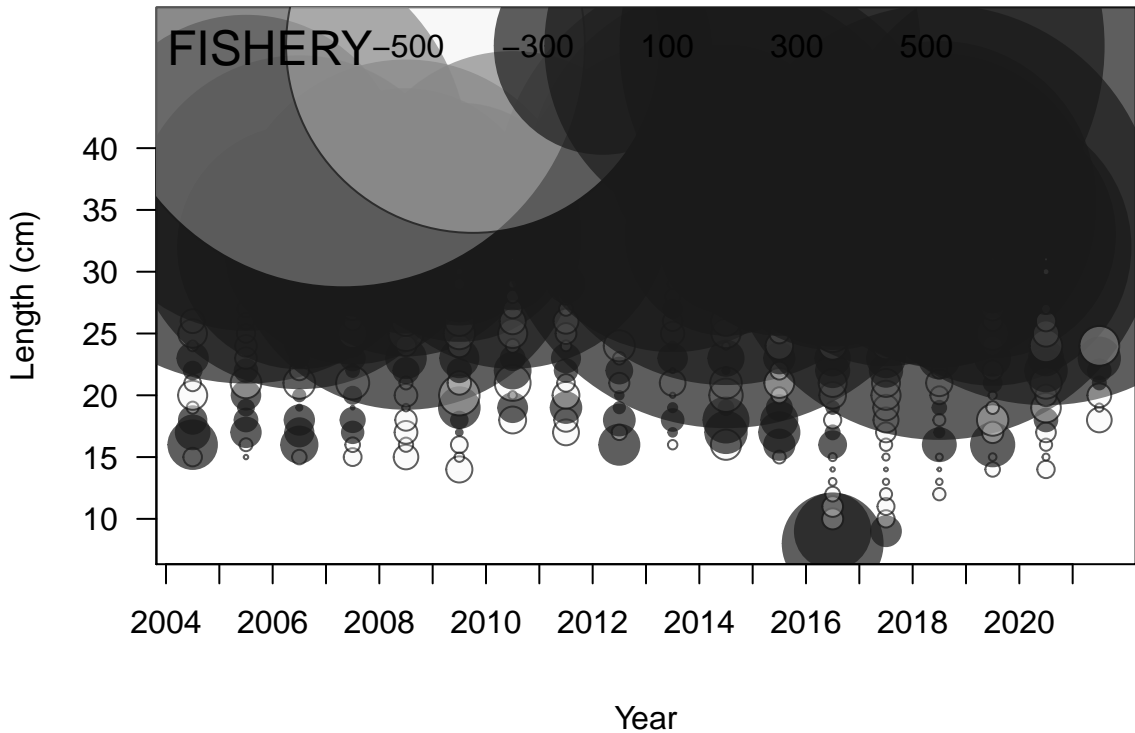
FISHERY (whole catch)

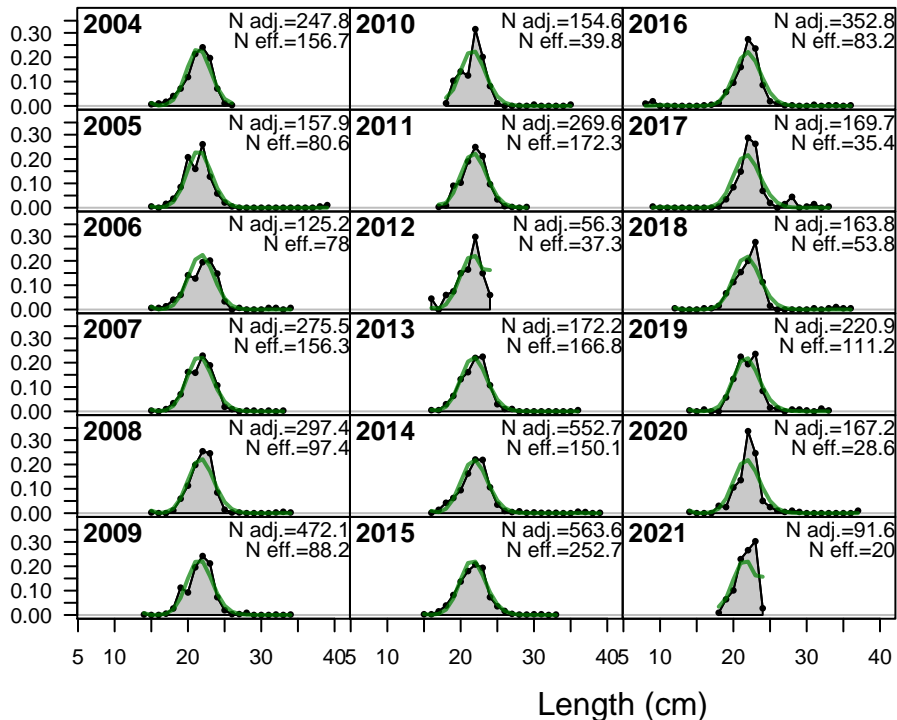


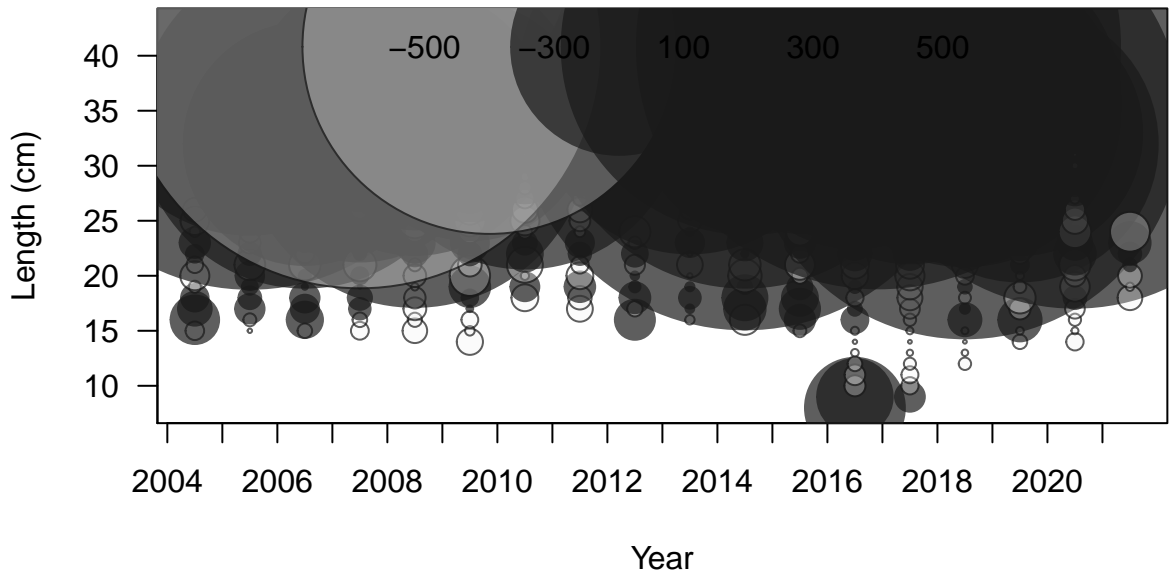
FISHERY

Sum of N adj.=4510.8
Sum of N eff.=1808.4

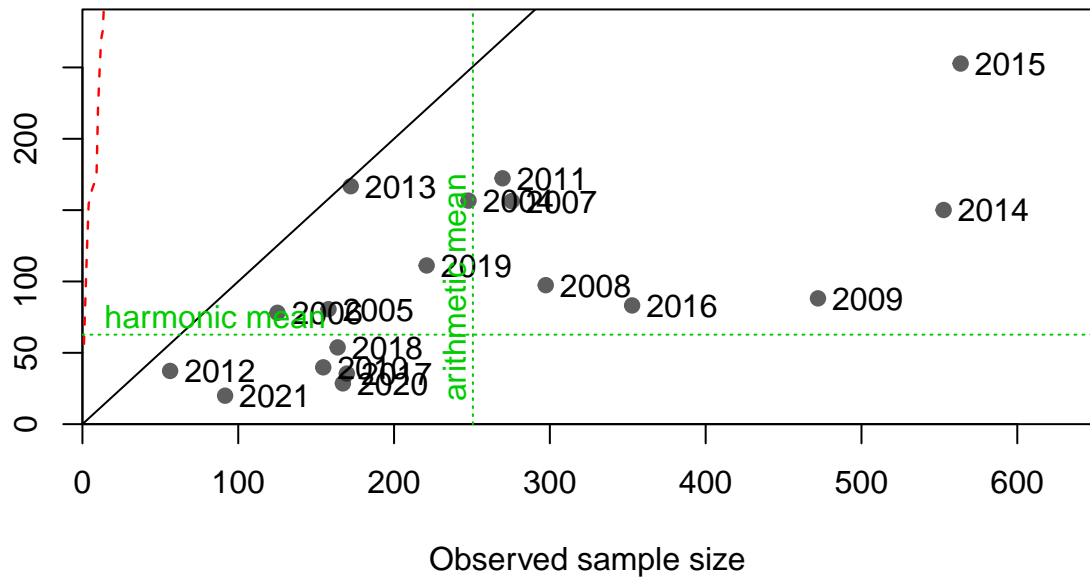




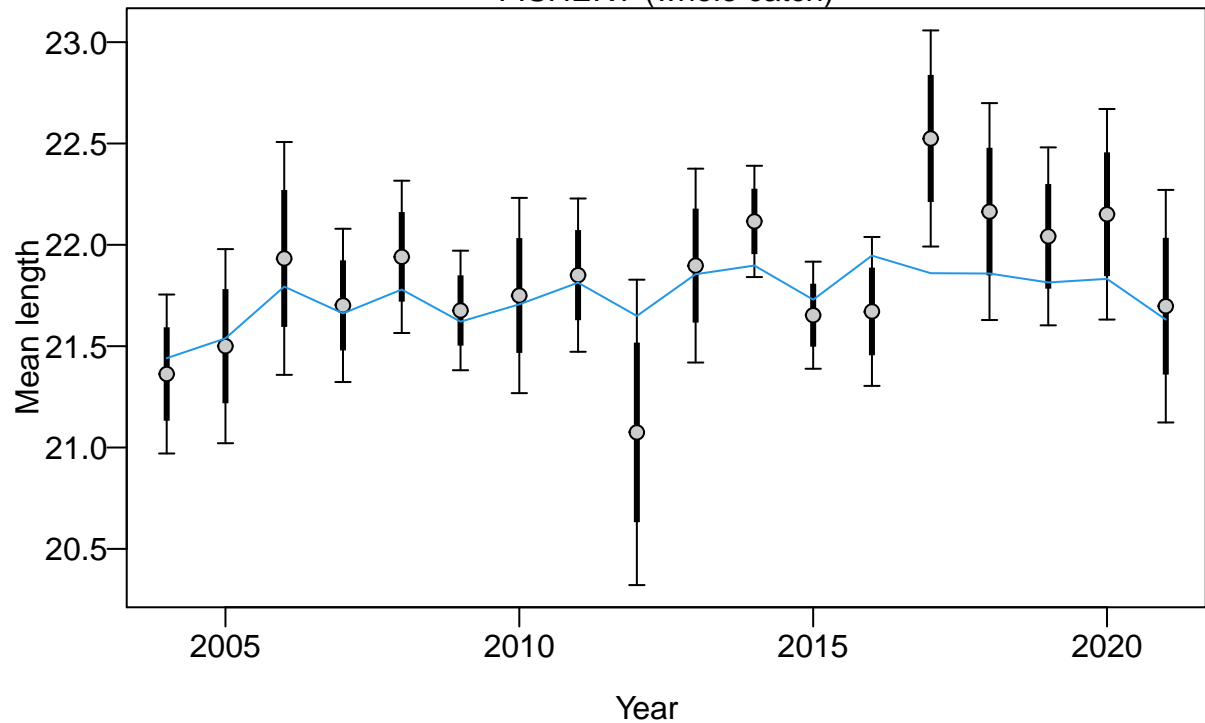


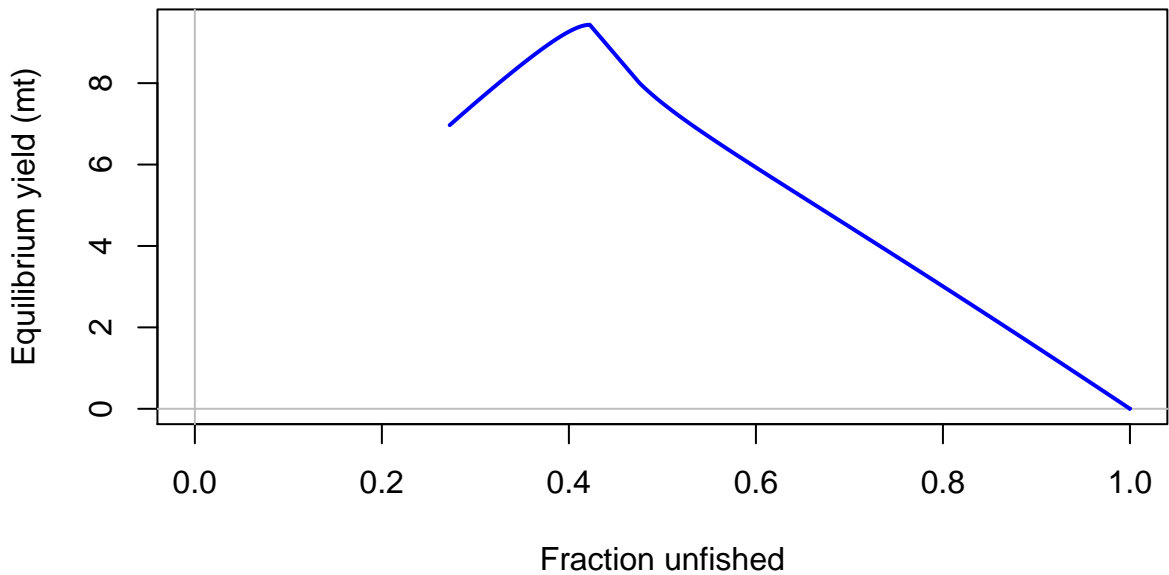


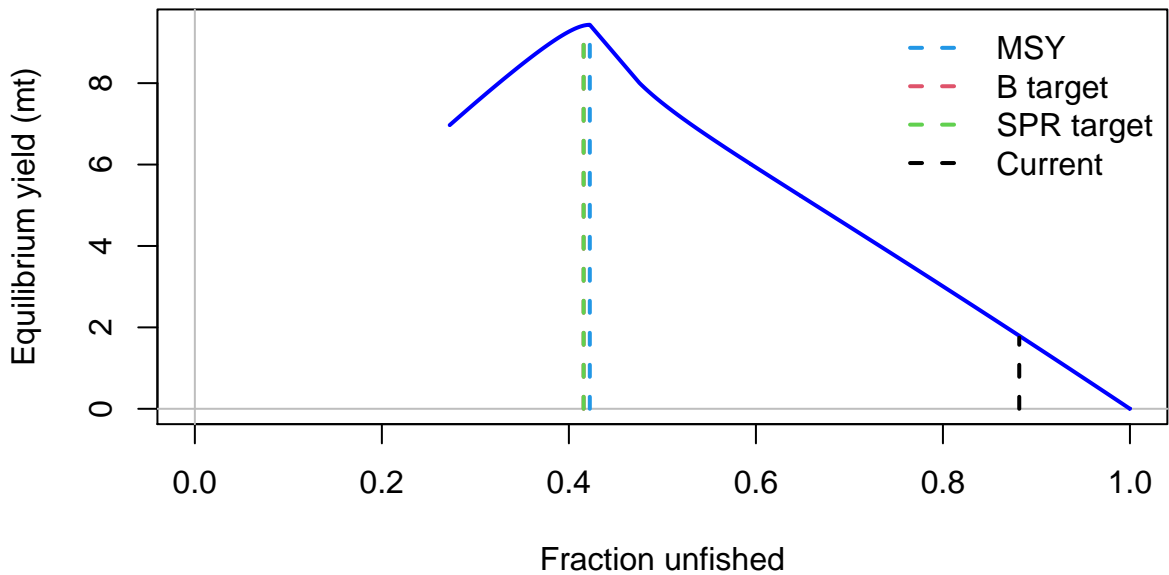
Effective sample size

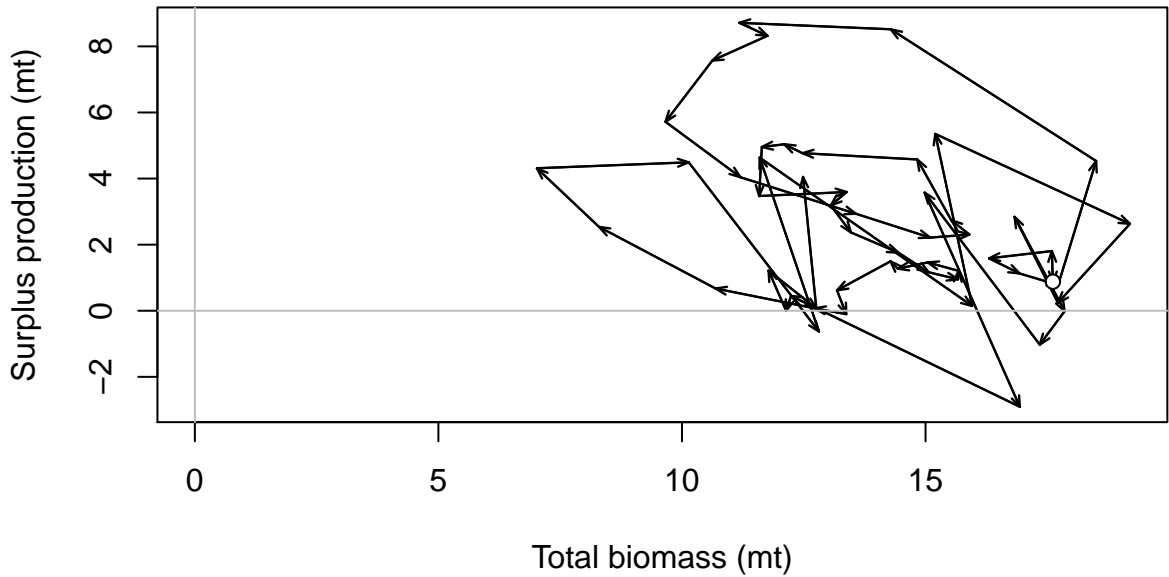


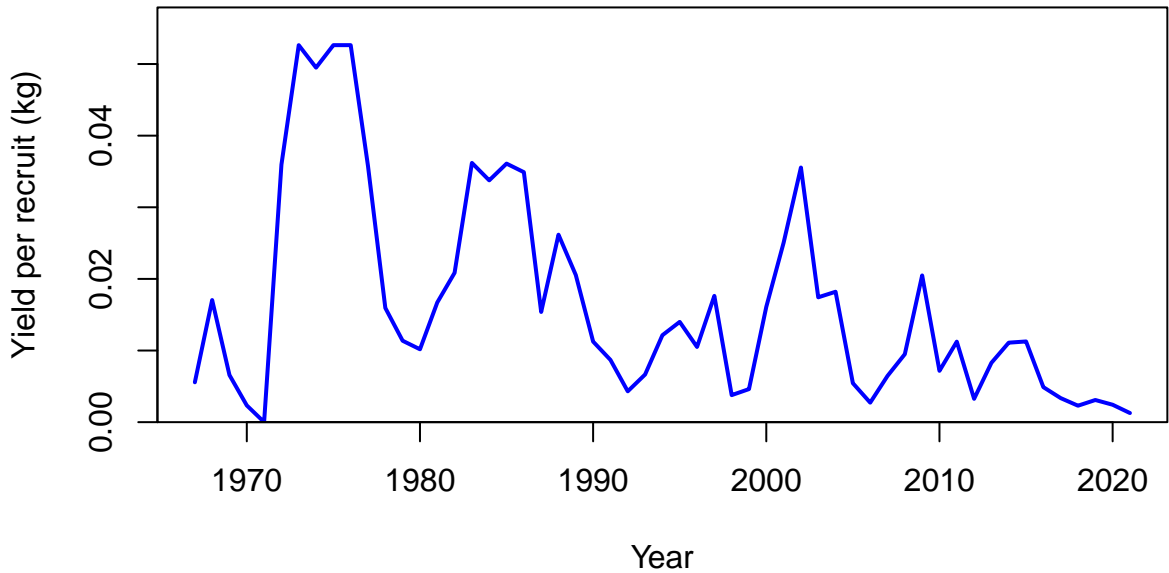
FISHERY (whole catch)



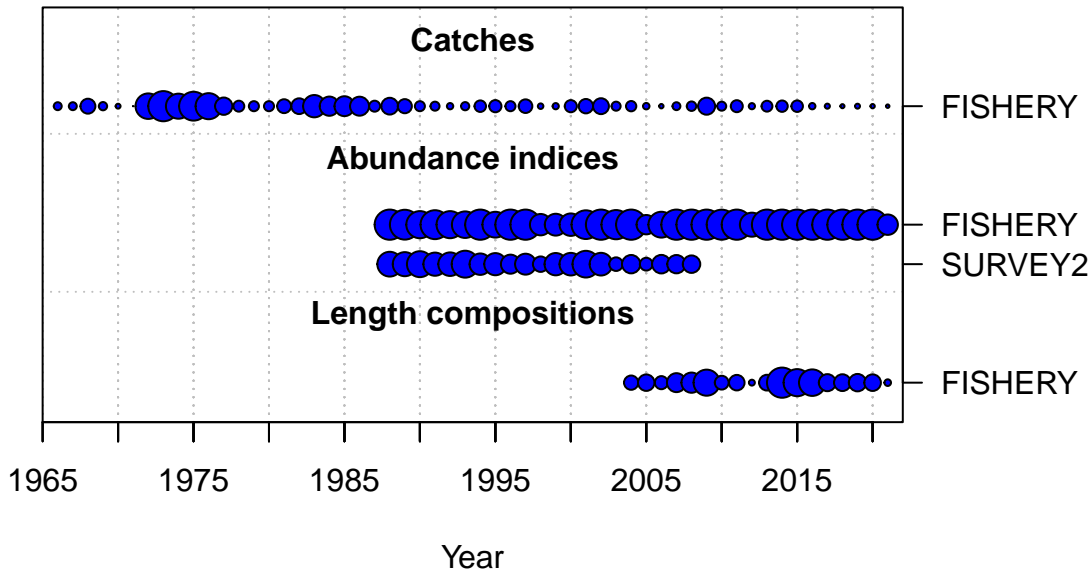






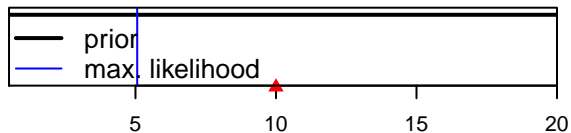




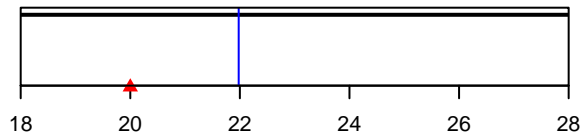


Density

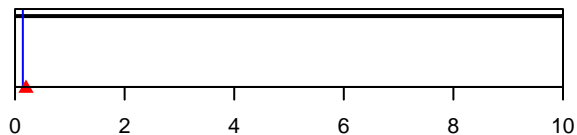
SR_LN(R0)



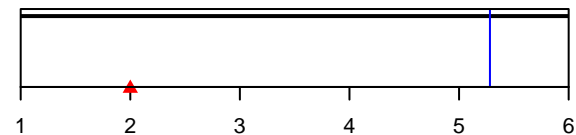
Size_inflection_FISHERY(1)



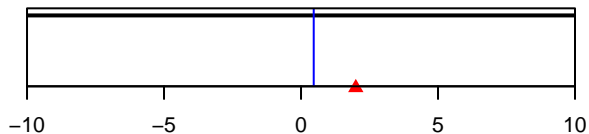
InitF_seas_1flt_1FISHERY



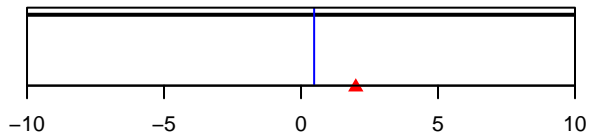
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value