

Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Jul 12 14:23:57 2022
Data_File: data.ss
Control_File: control.ss

Length (cm, beginning of the year)

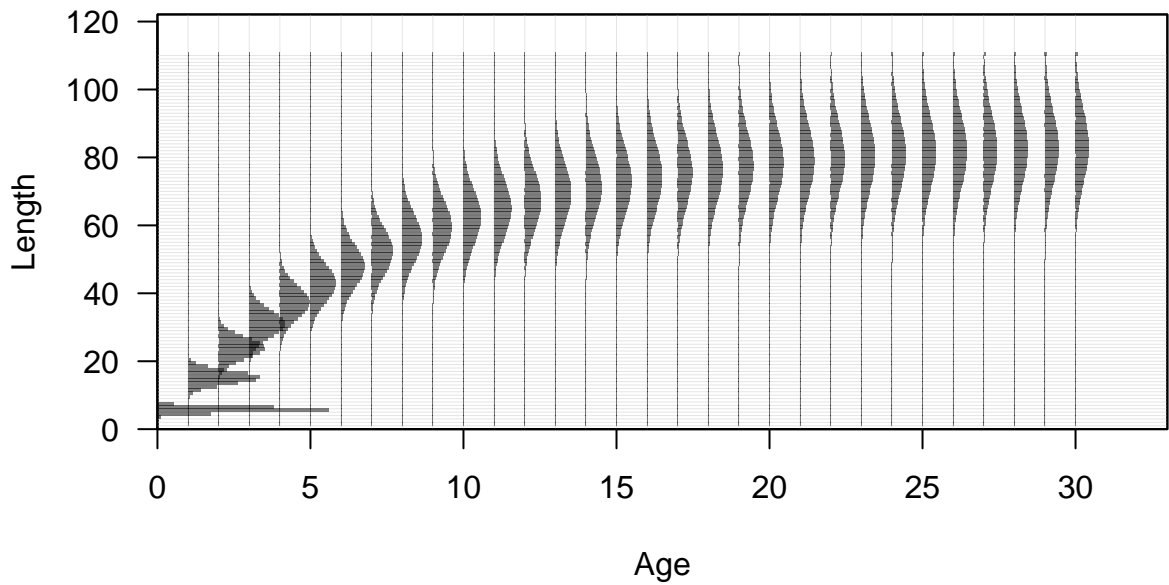


Age (yr)

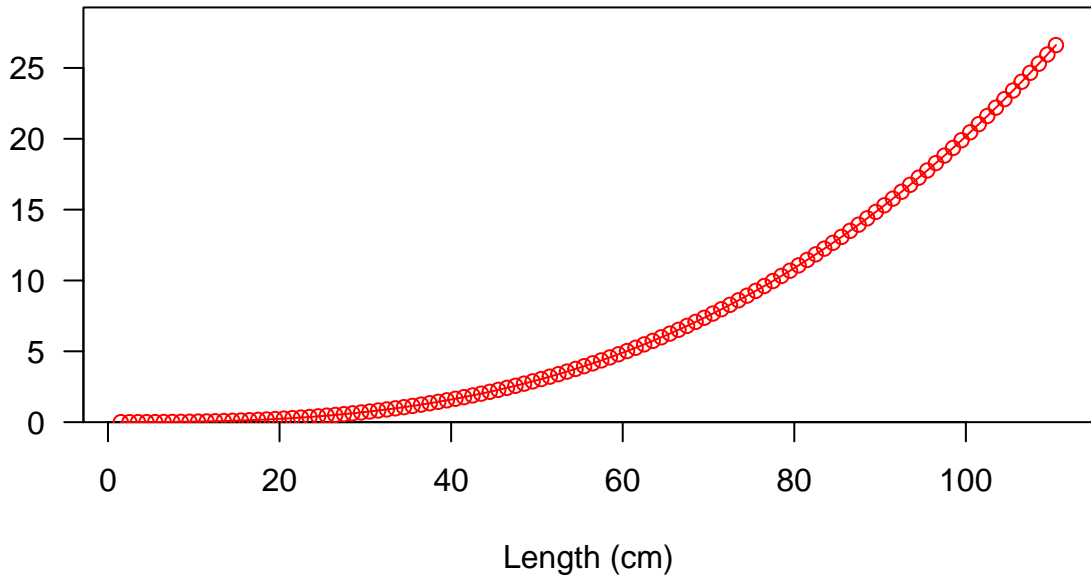






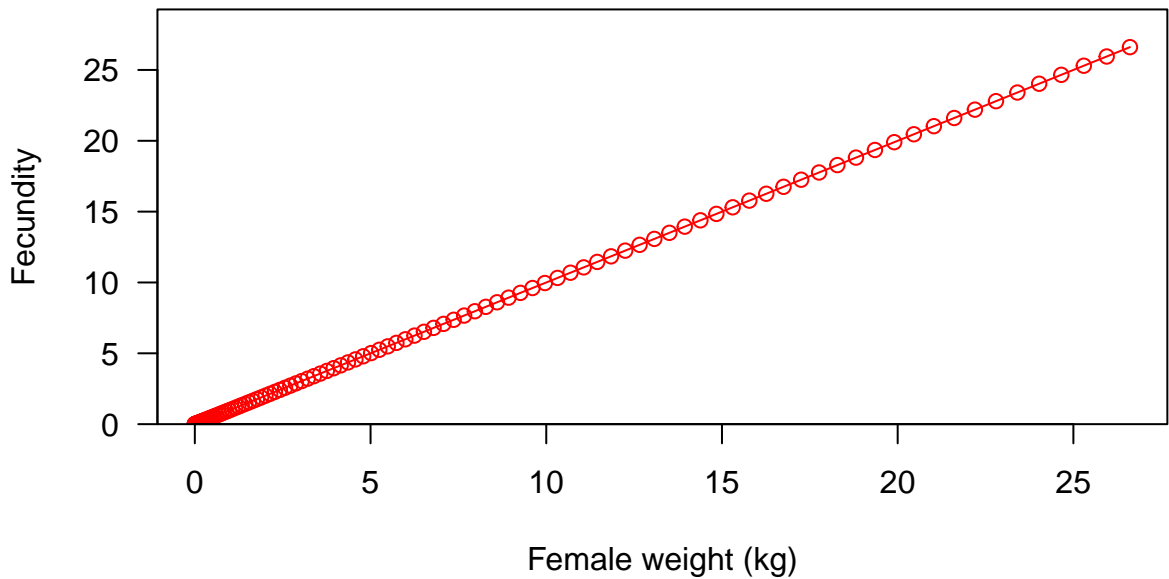


Mean weight (kg) in last year

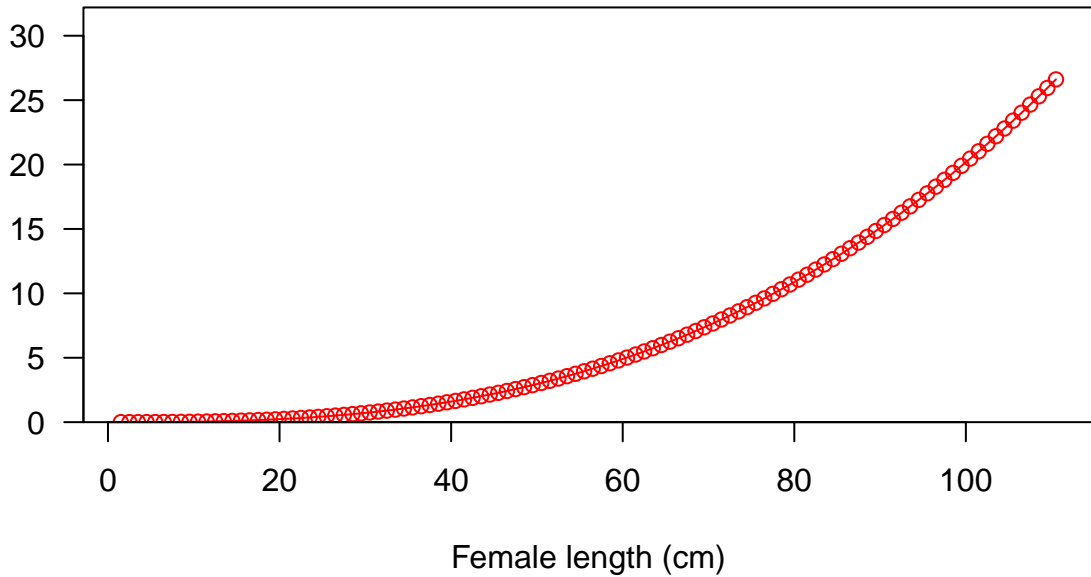








Fecundity



Spawning output

25
20
15
10
5
0

0

20

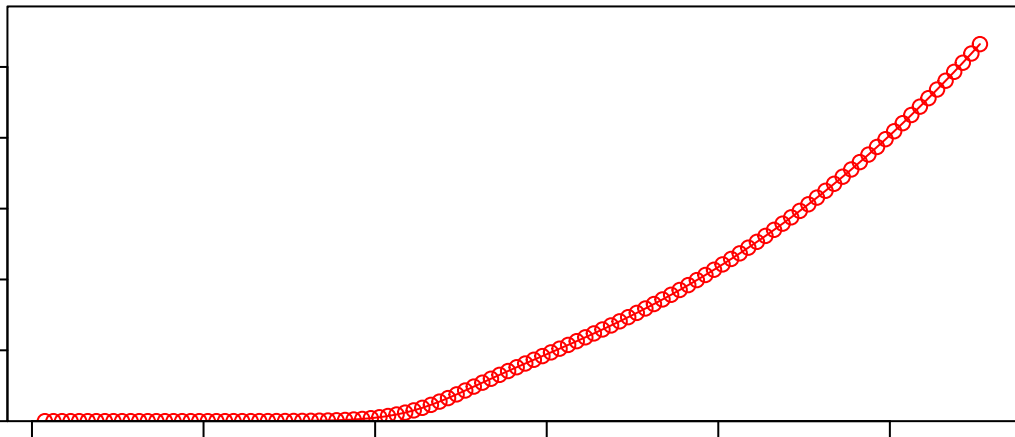
40

60

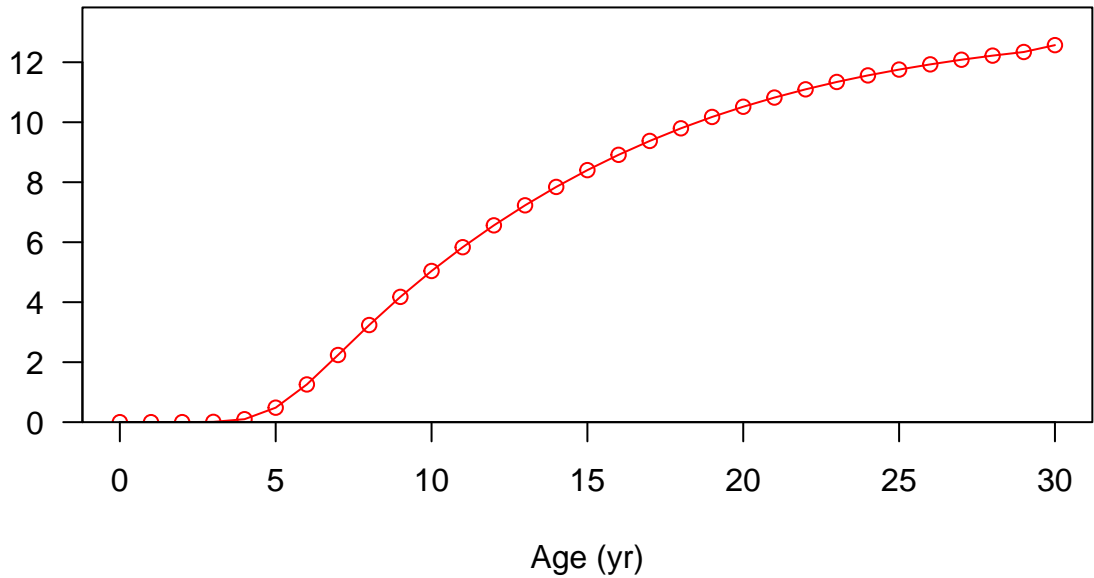
80

100

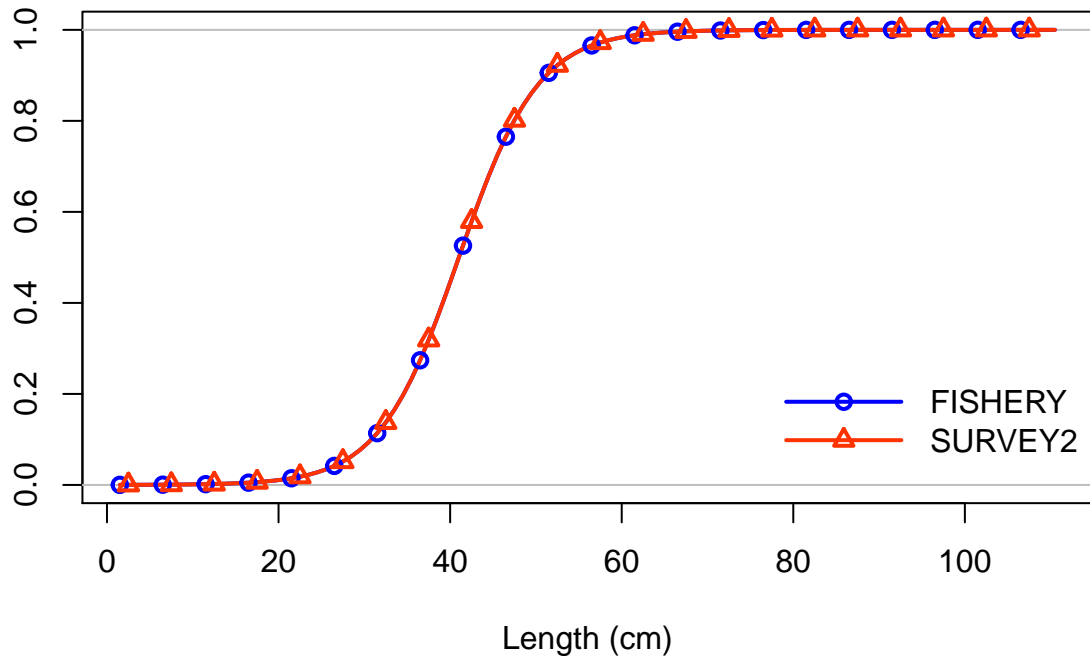
Length (cm)



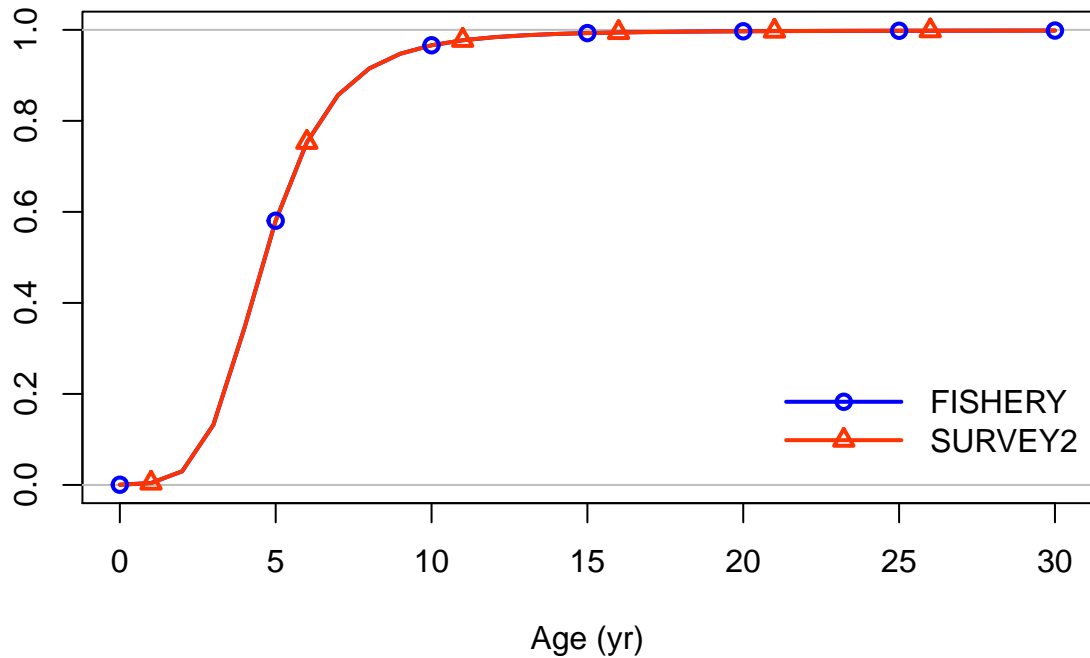
Spawning output



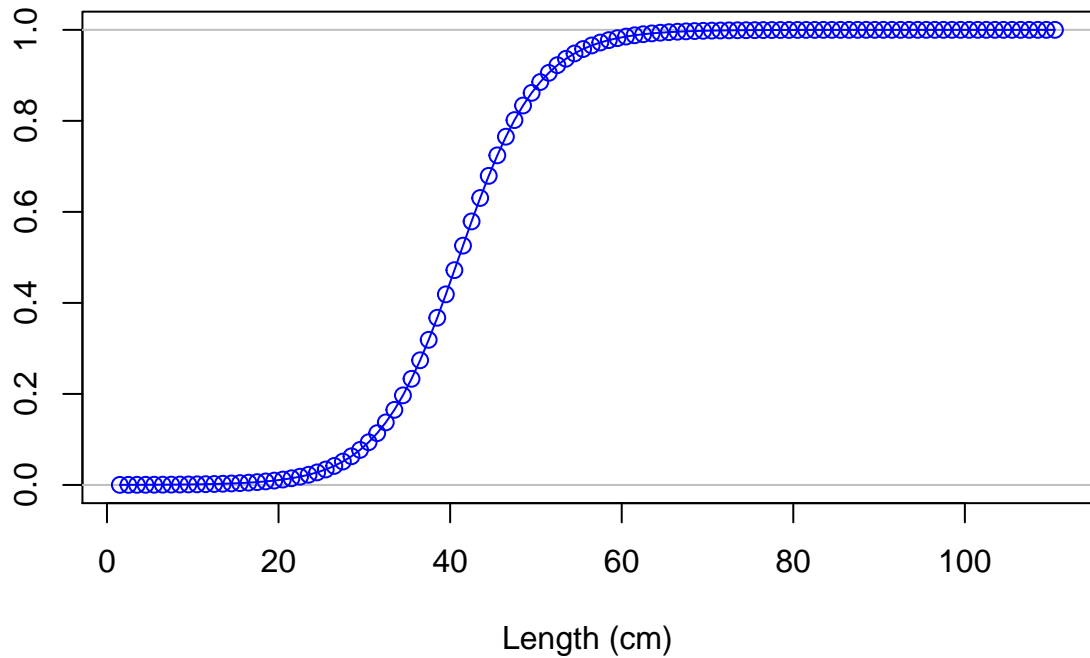
Selectivity



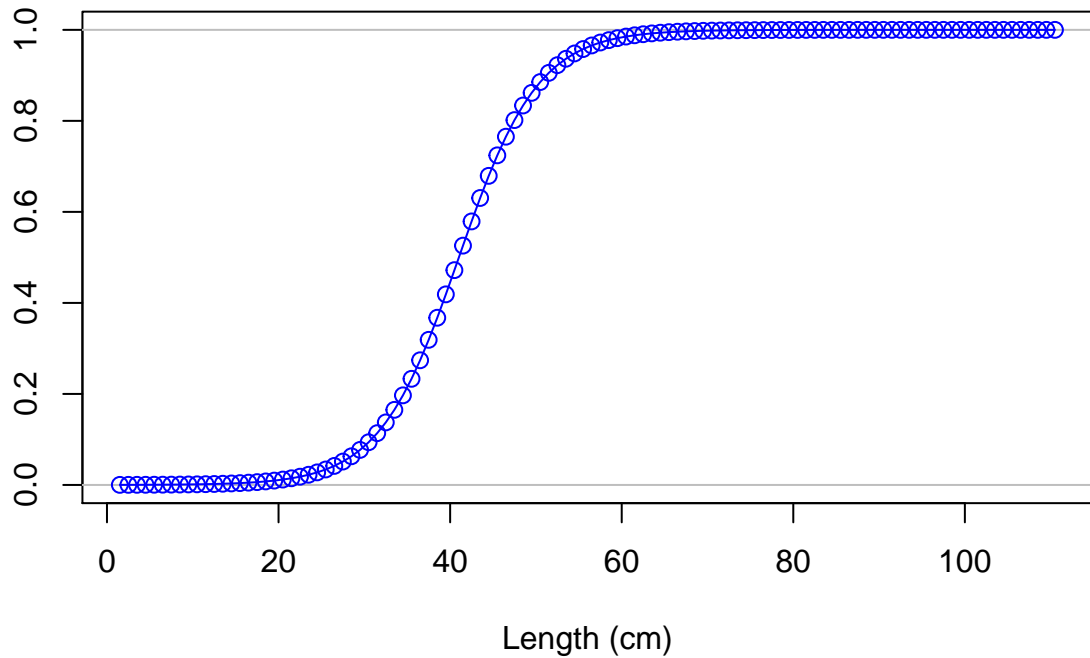
Selectivity

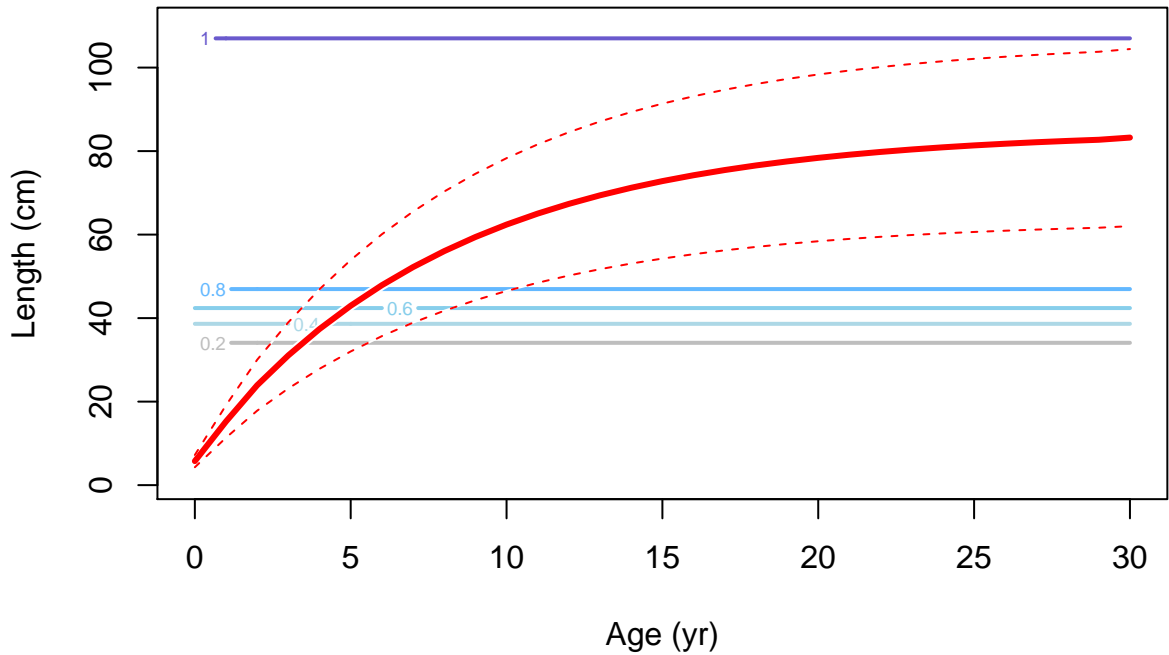


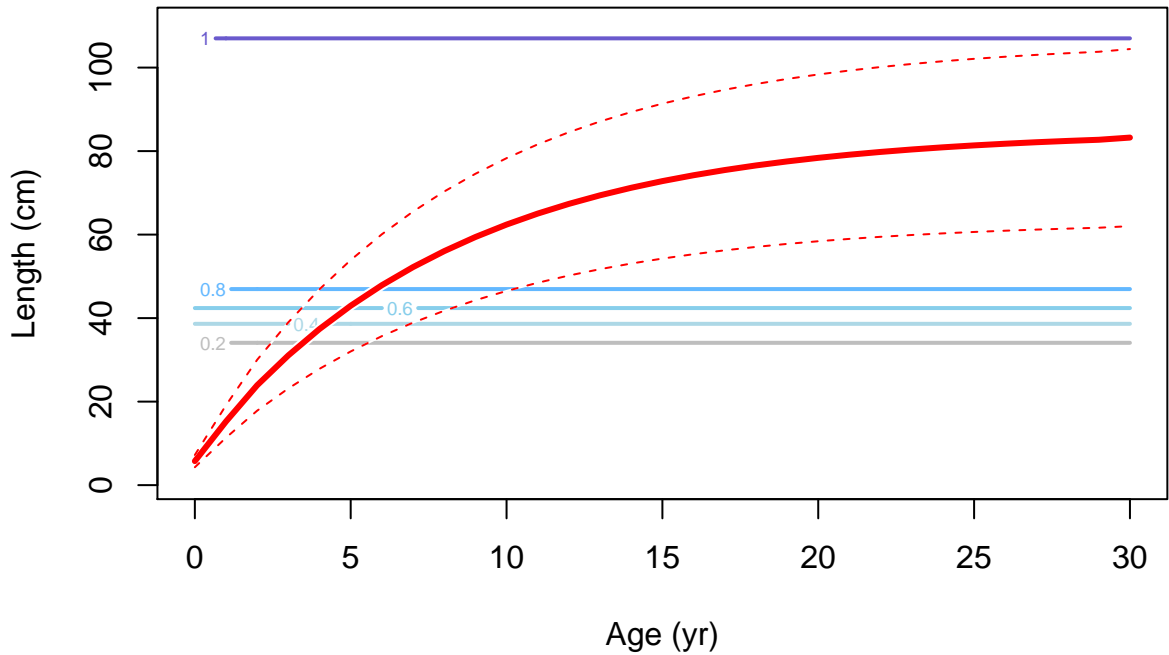
Selectivity



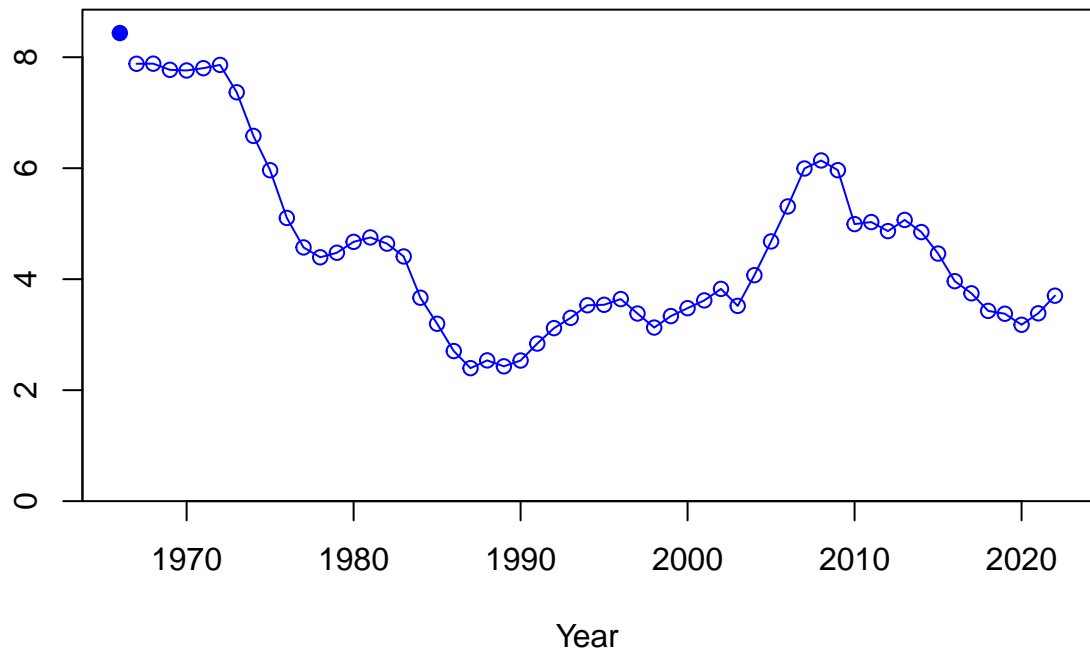
Selectivity



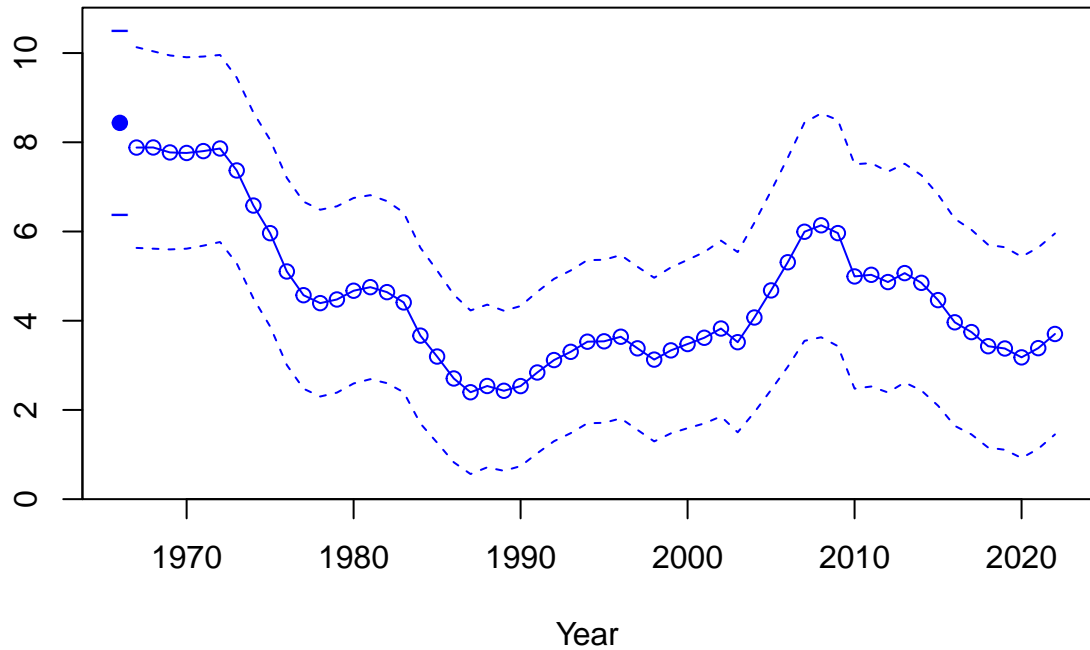




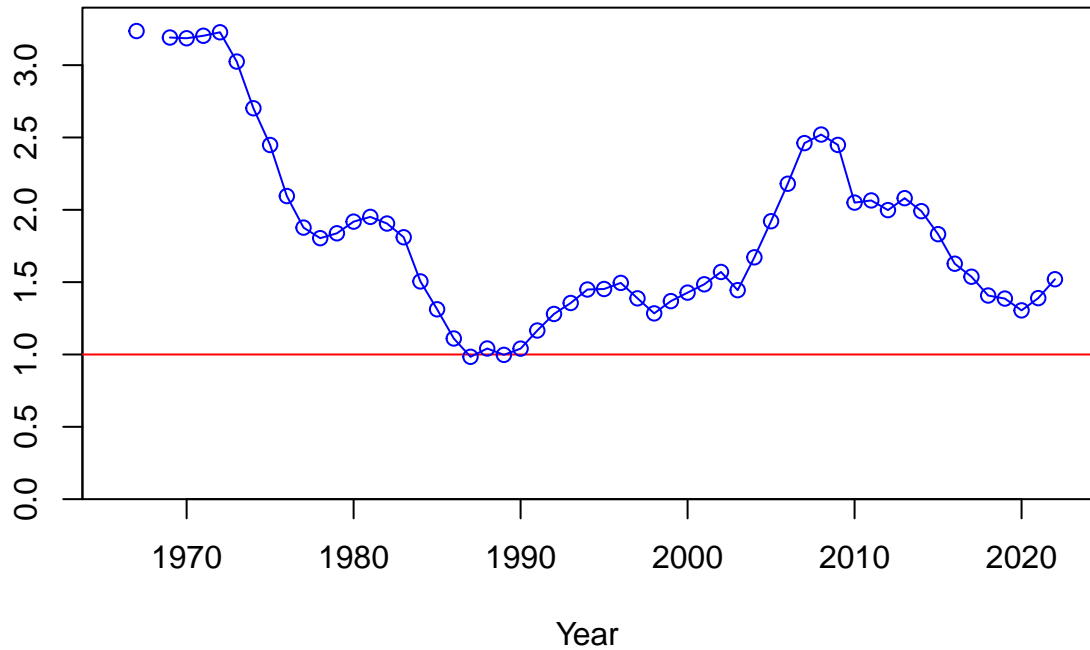
Spawning biomass (mt)



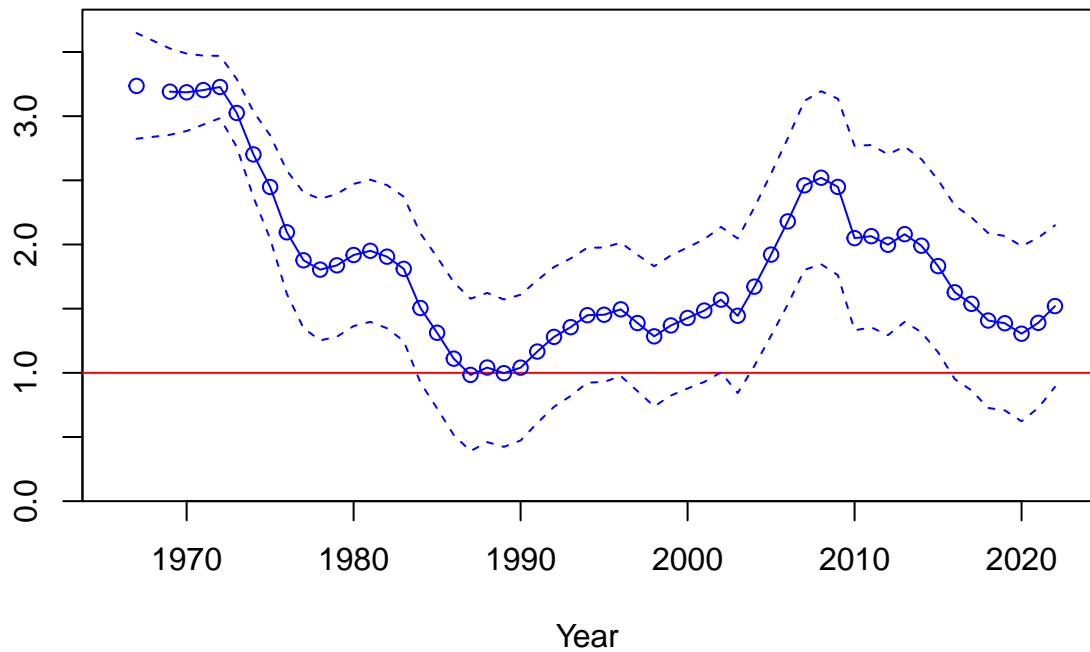
Spawning biomass (mt)

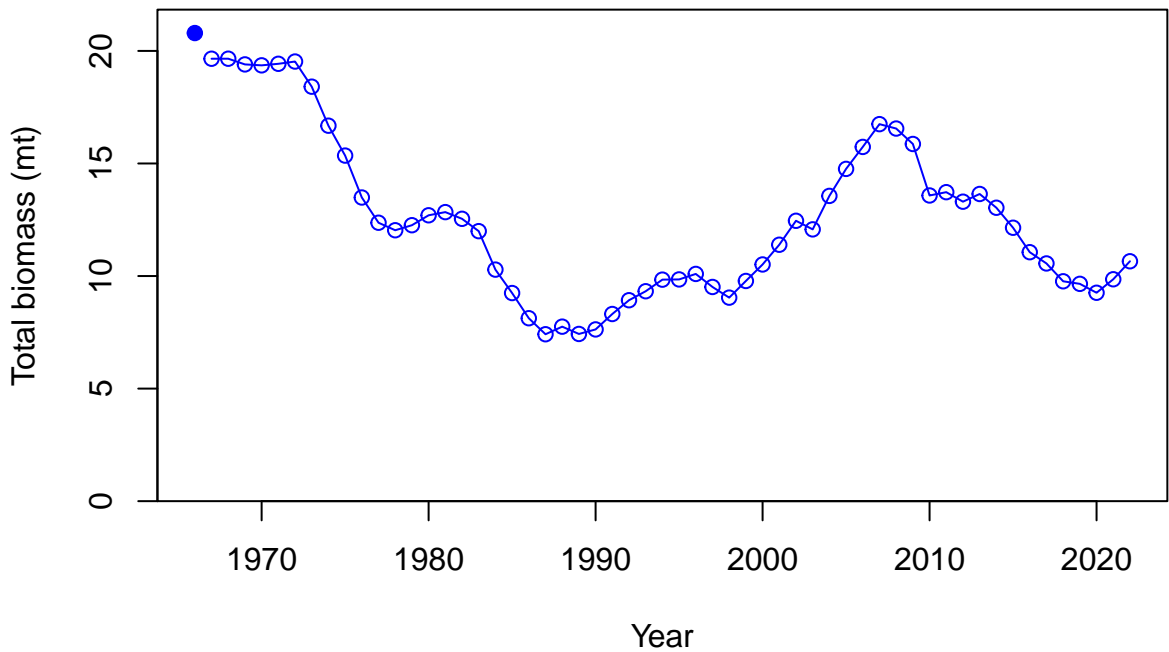


Relative spawning biomass: B/B_{MSY}

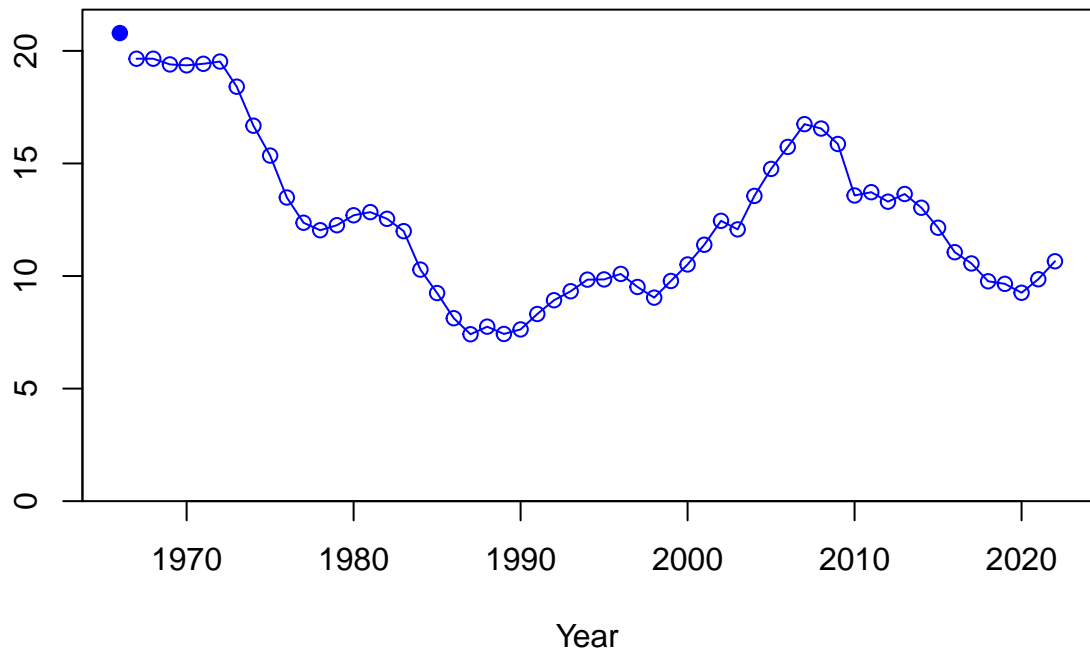


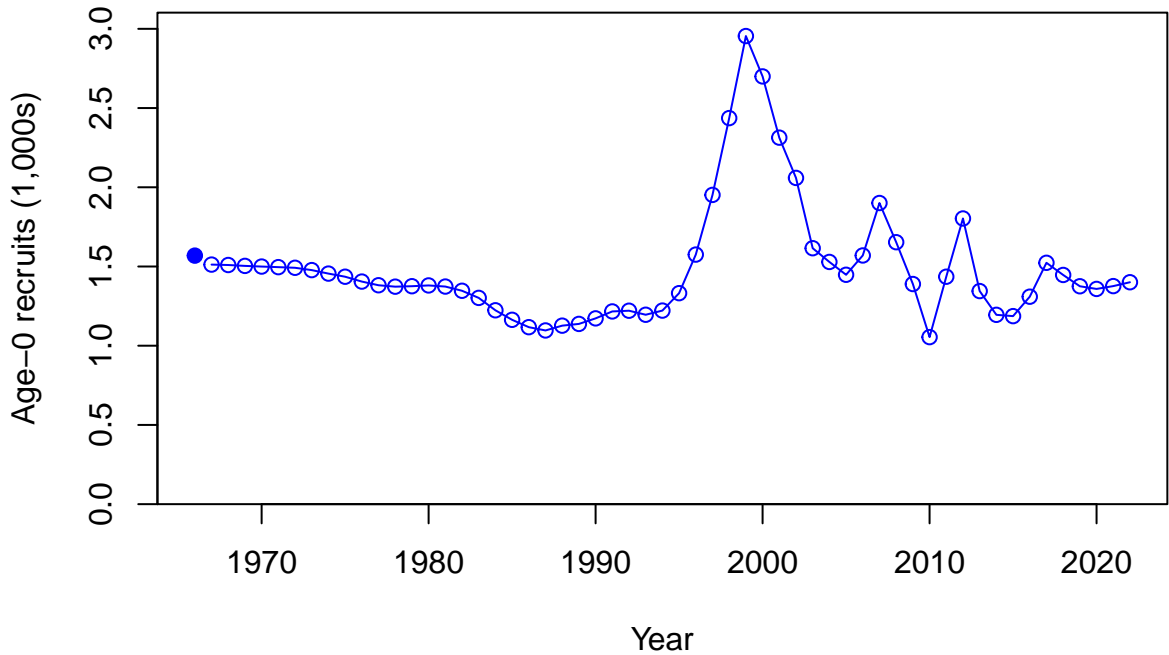
Relative spawning biomass: B/B_{MSY}



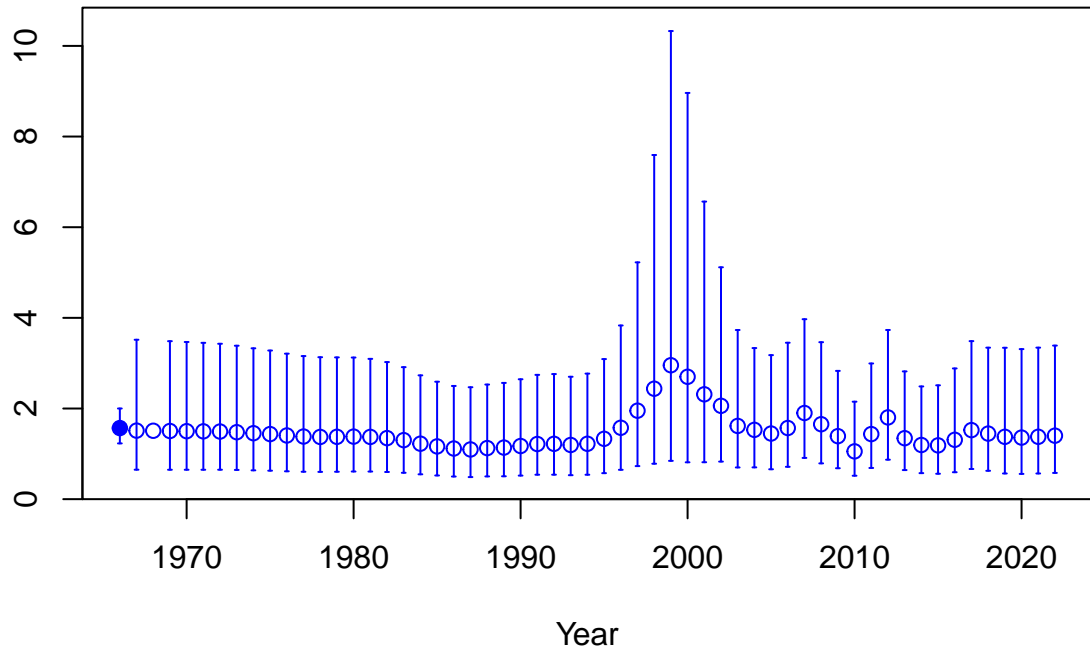


Summary biomass (mt)

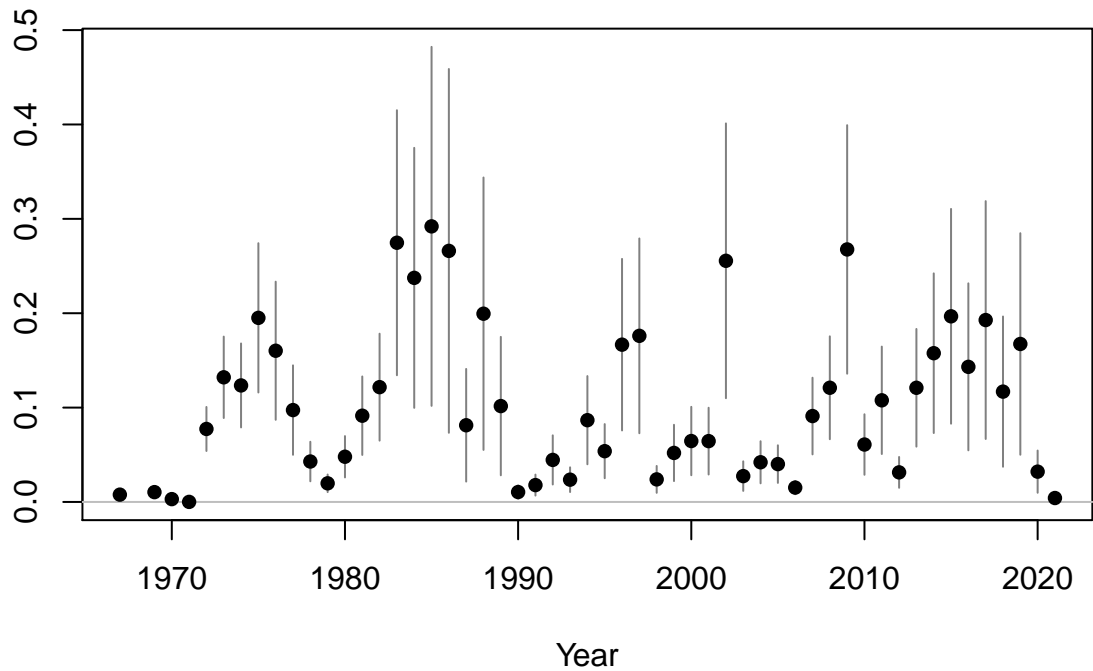


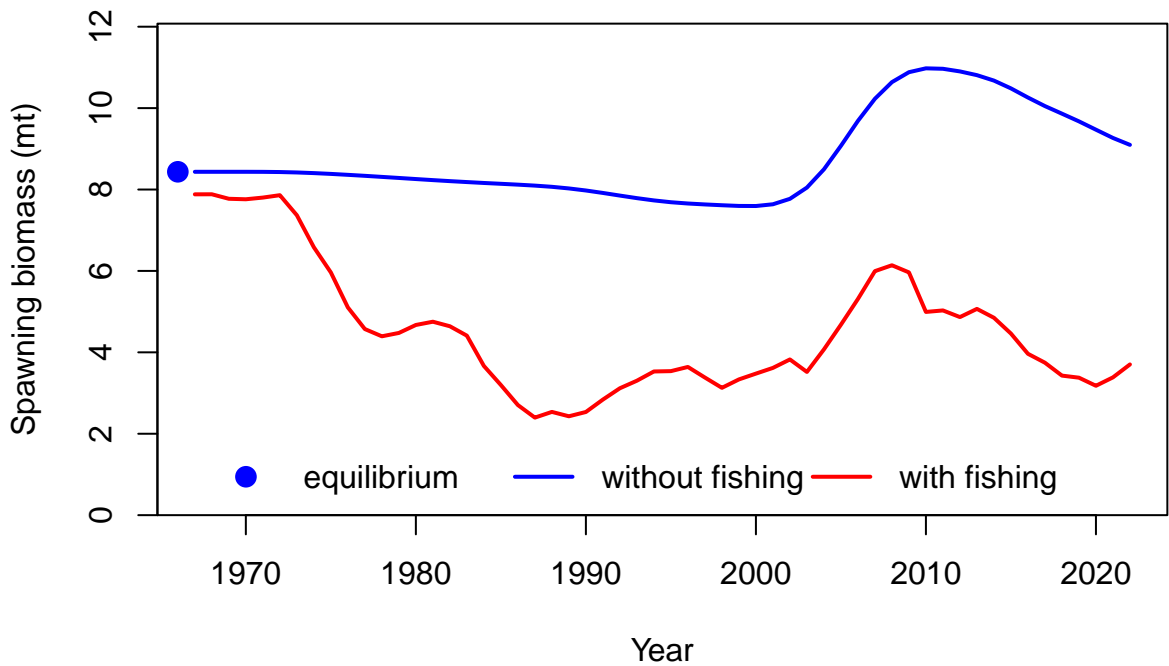


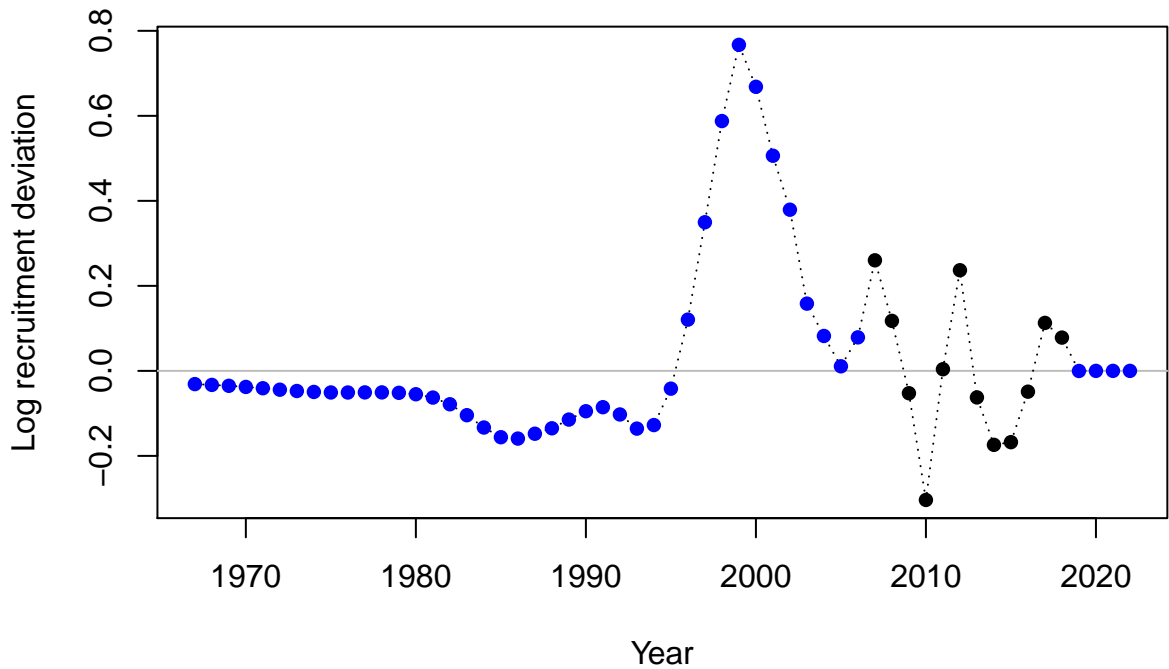
Age-0 recruits (1,000s)



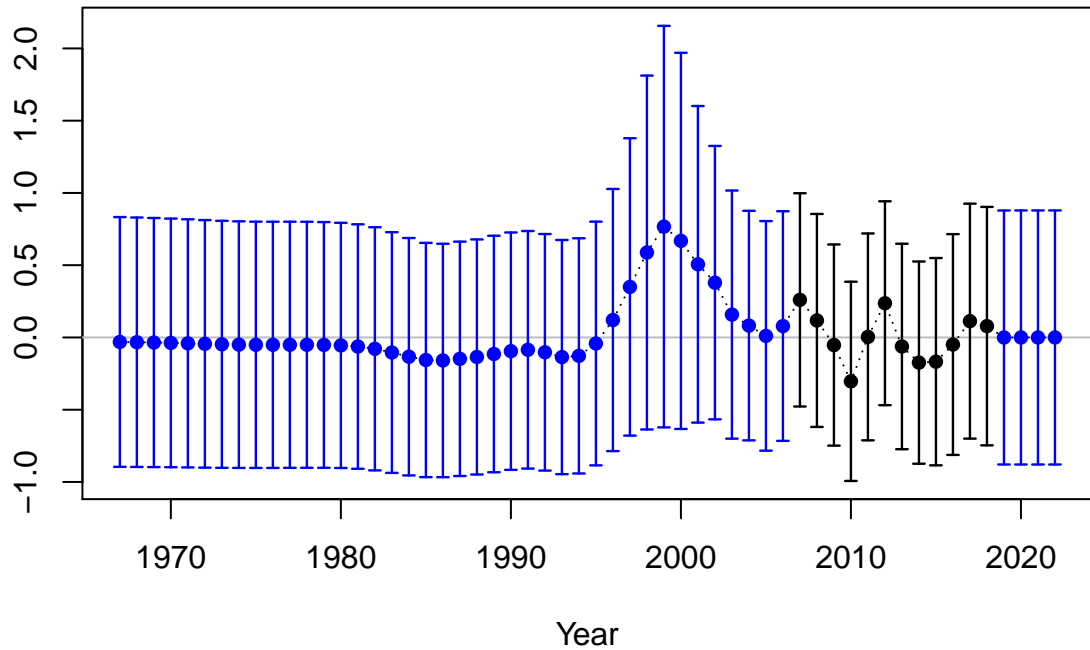
Summary Fishing Mortality



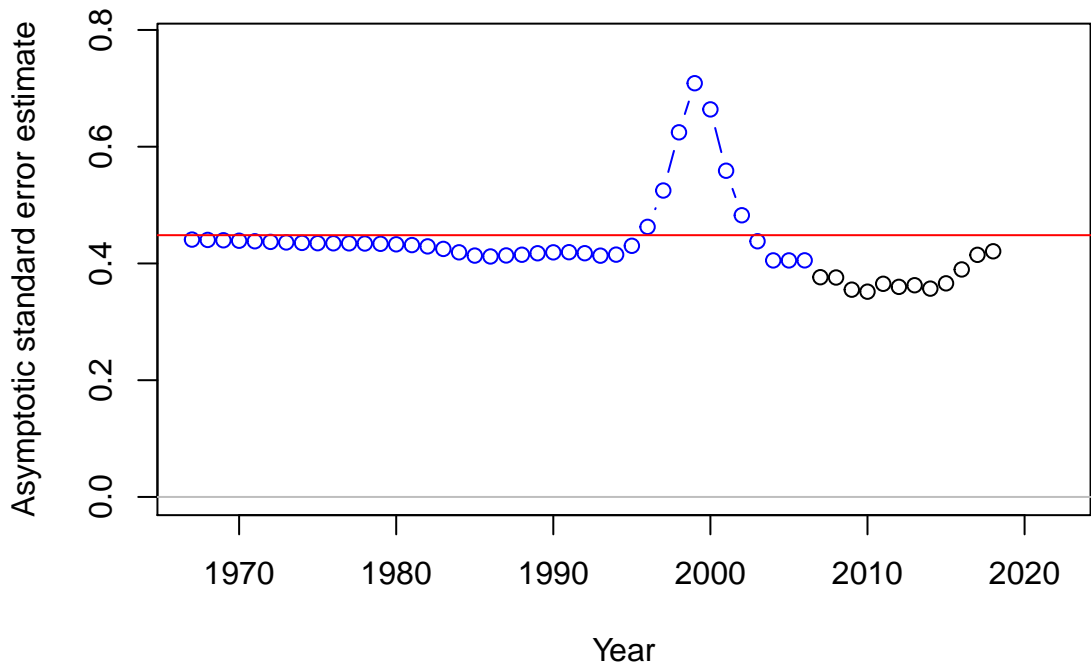


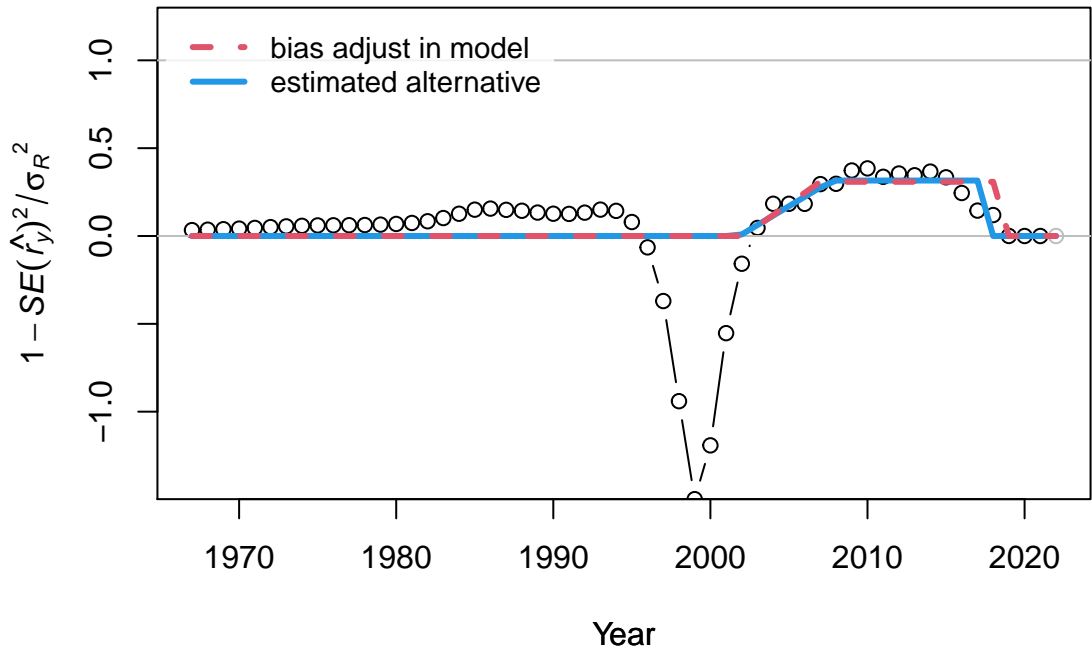


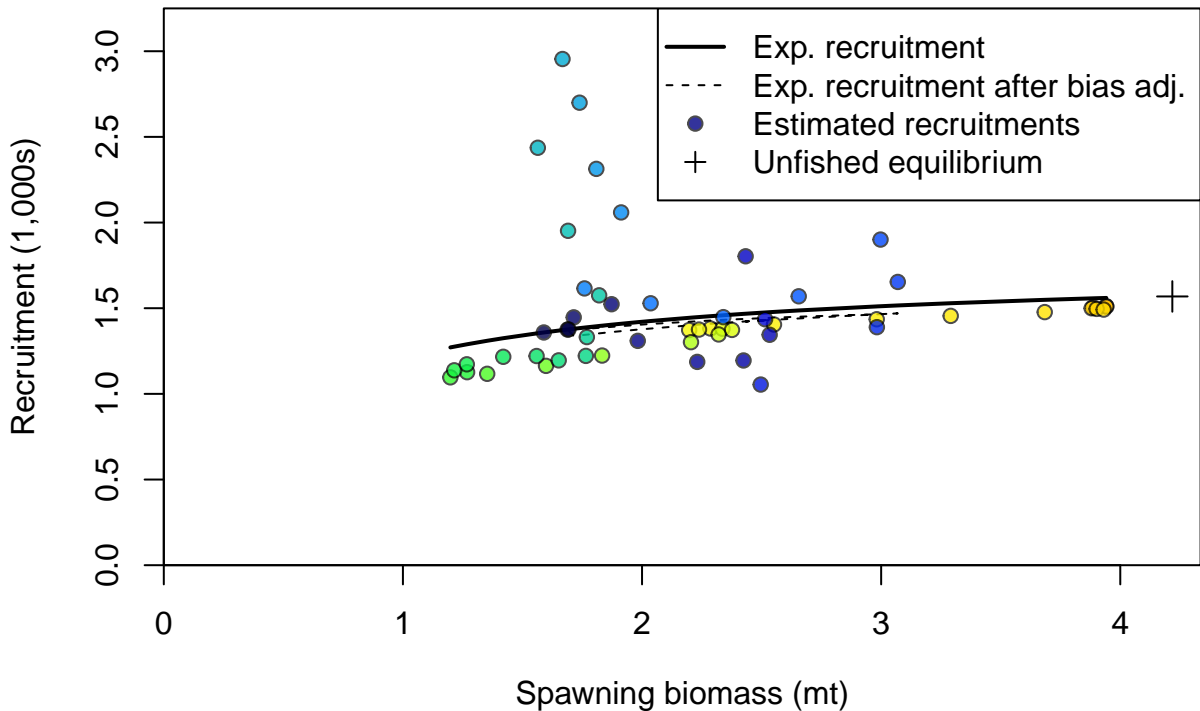
Log recruitment deviation

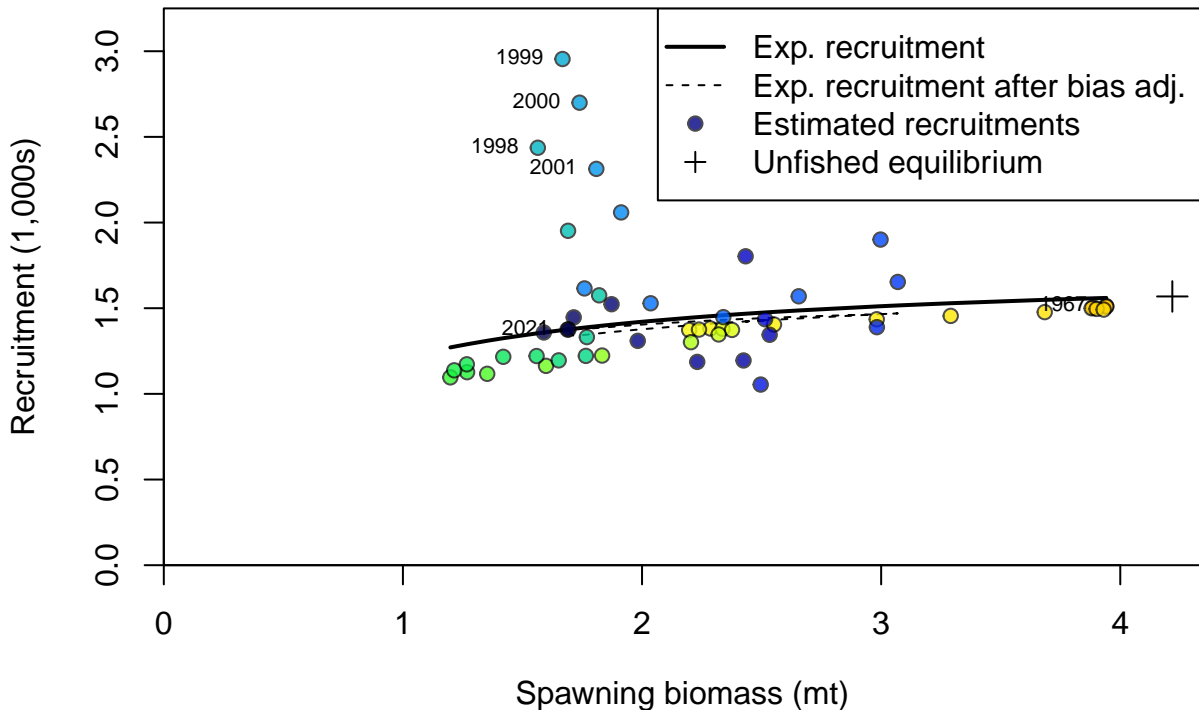


Recruitment deviation variance

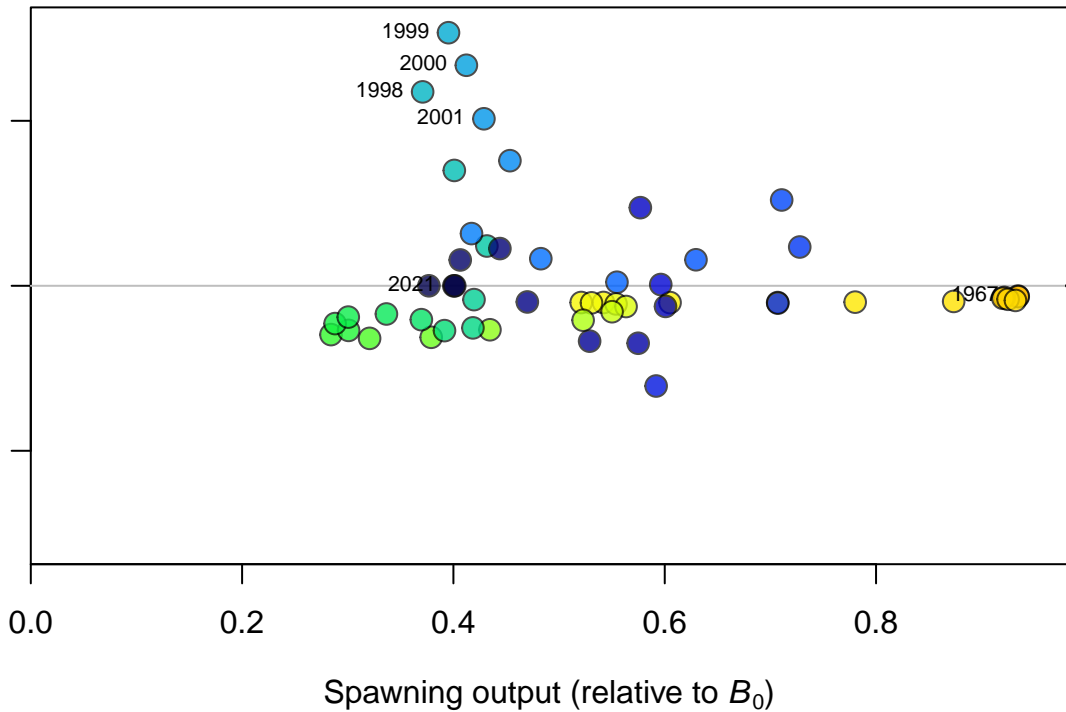


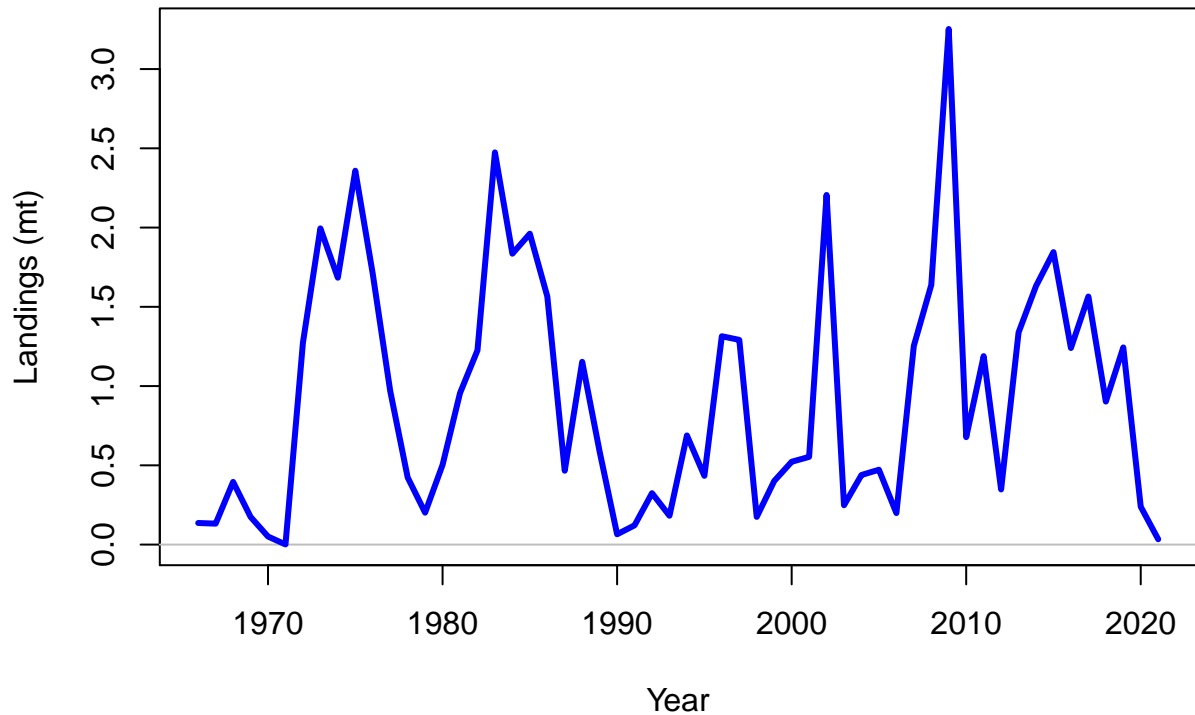


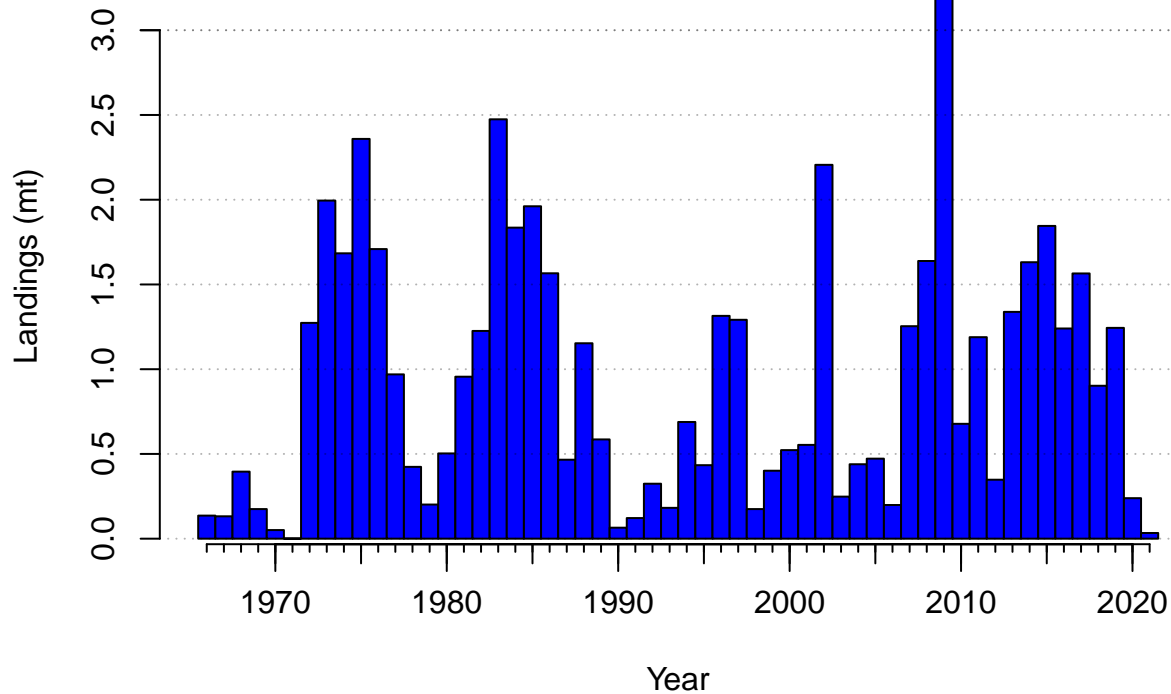


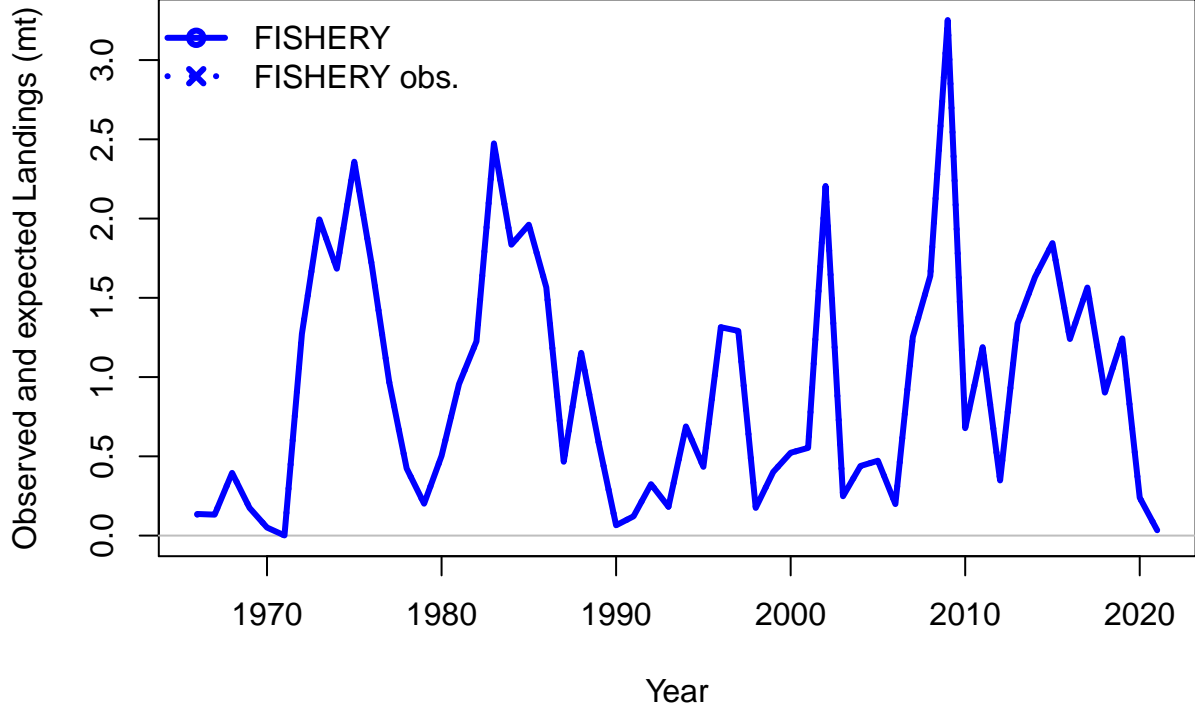


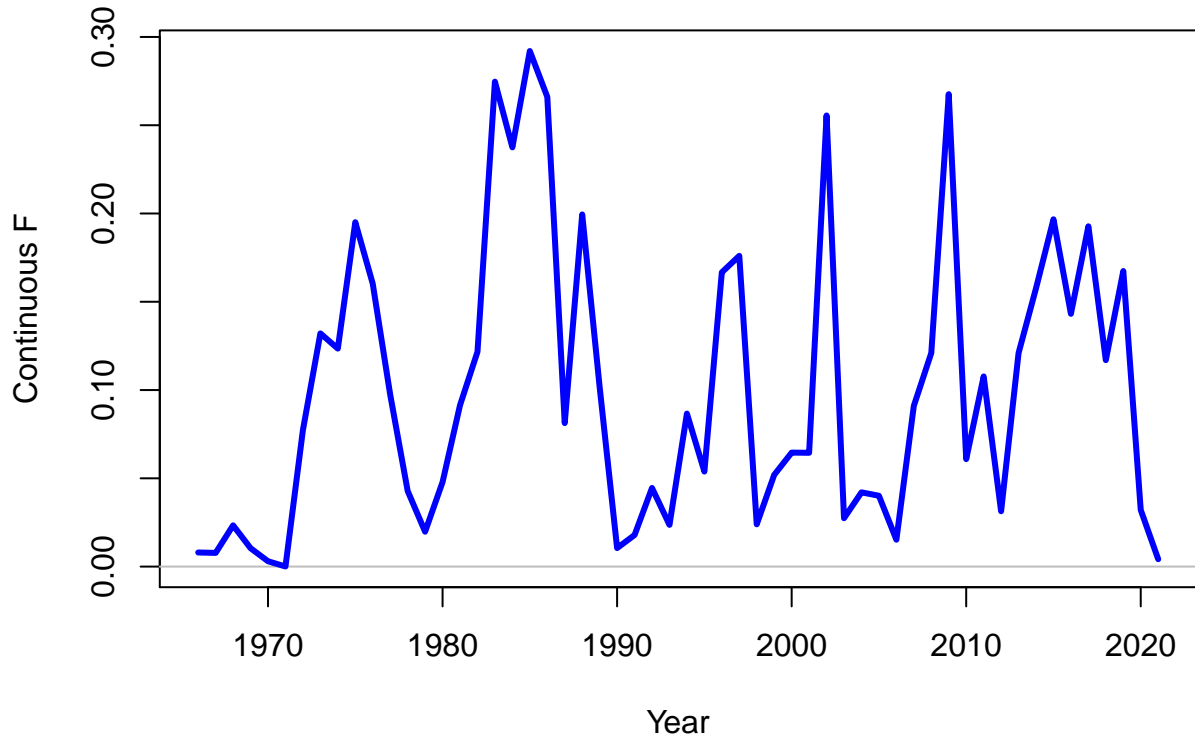
Log recruitment deviation



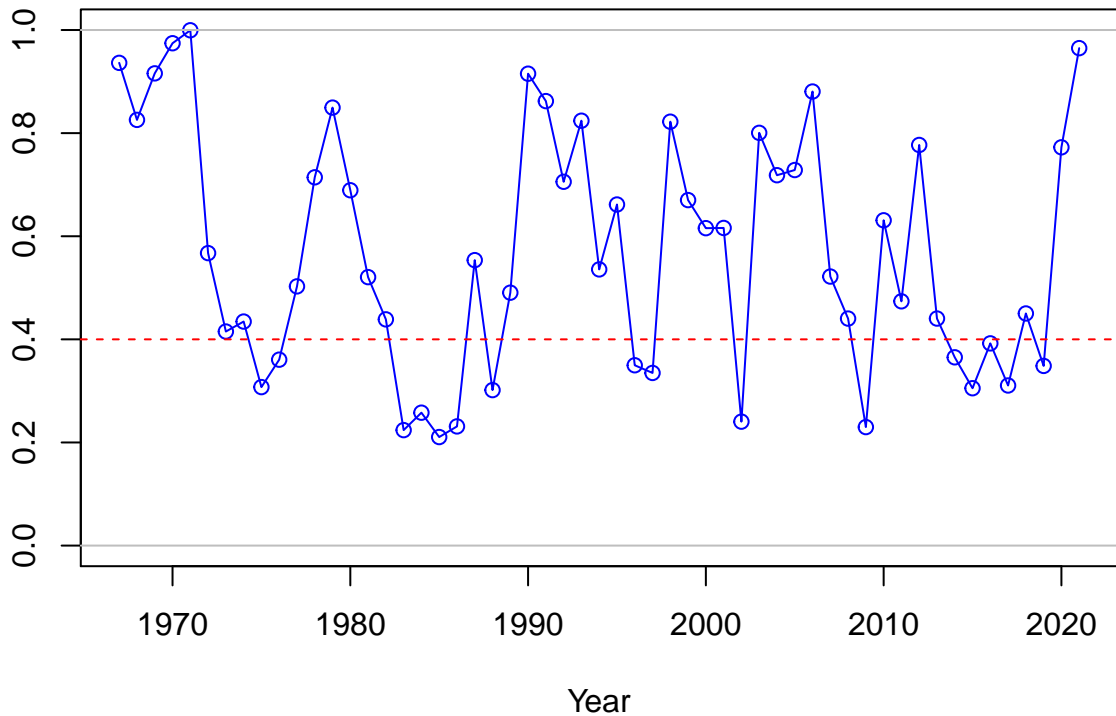


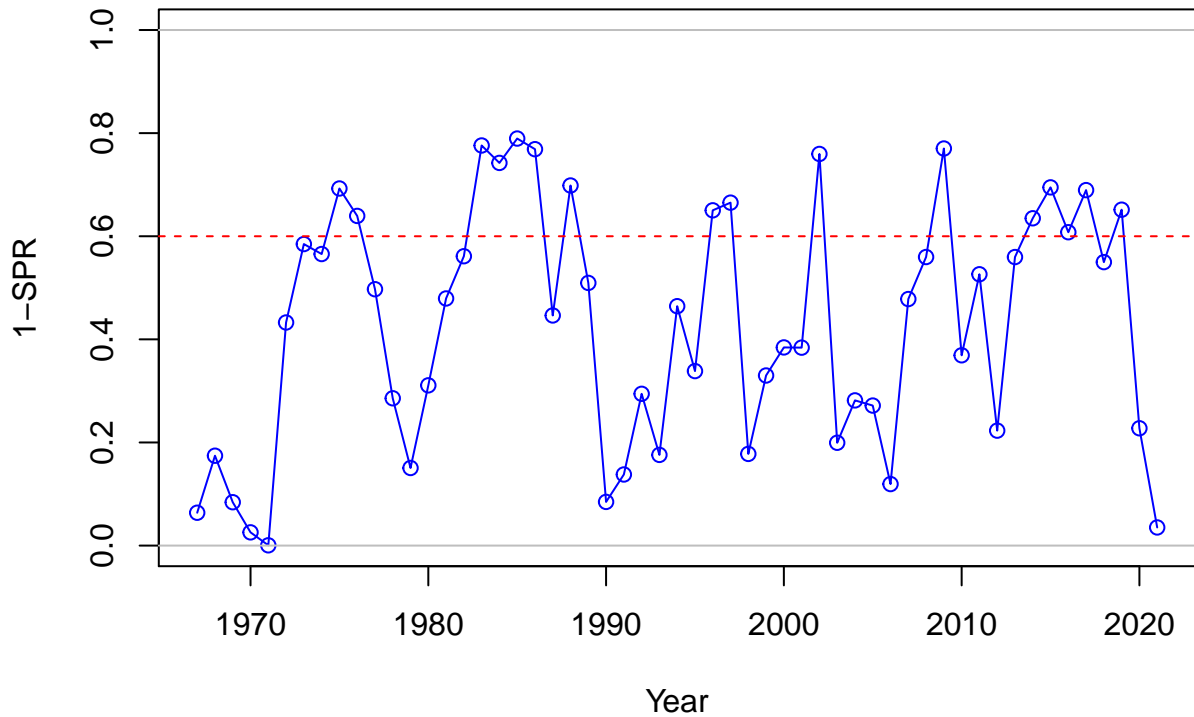




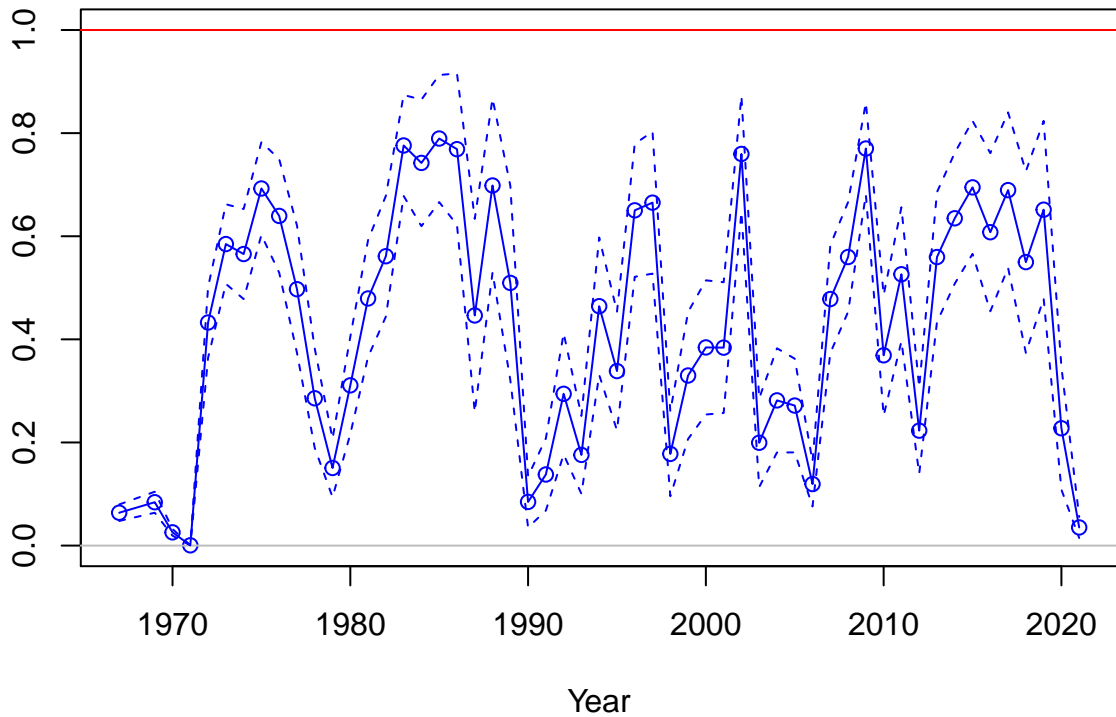


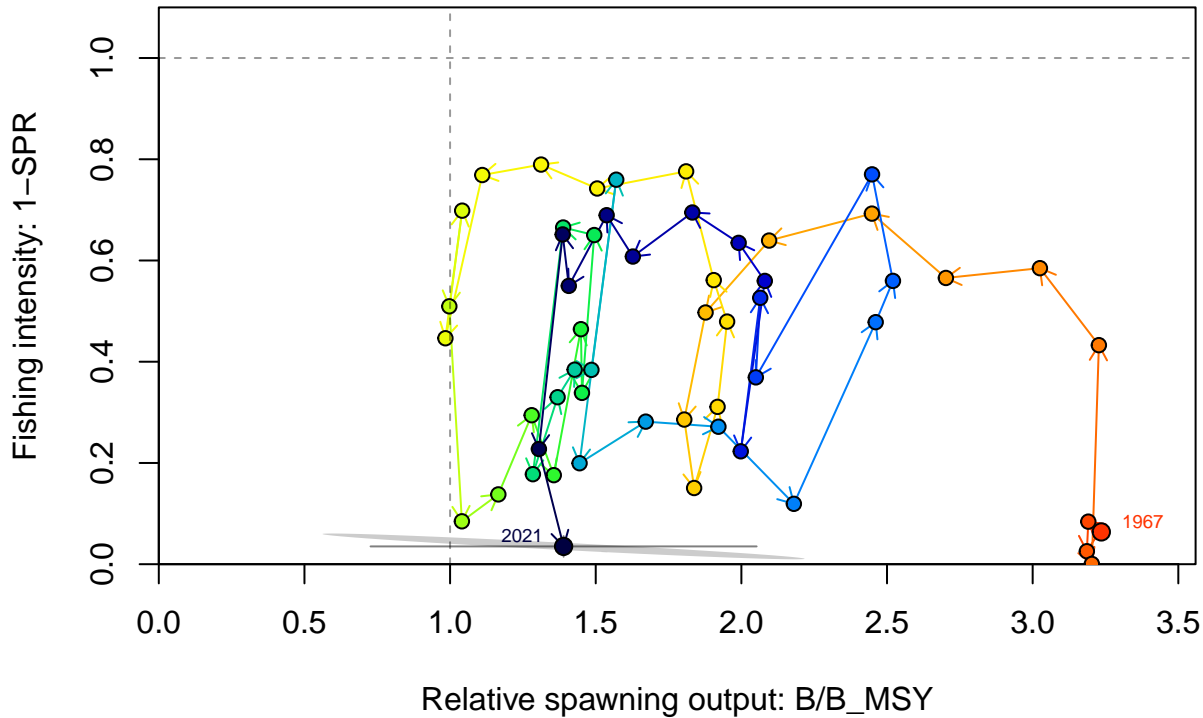
SPR



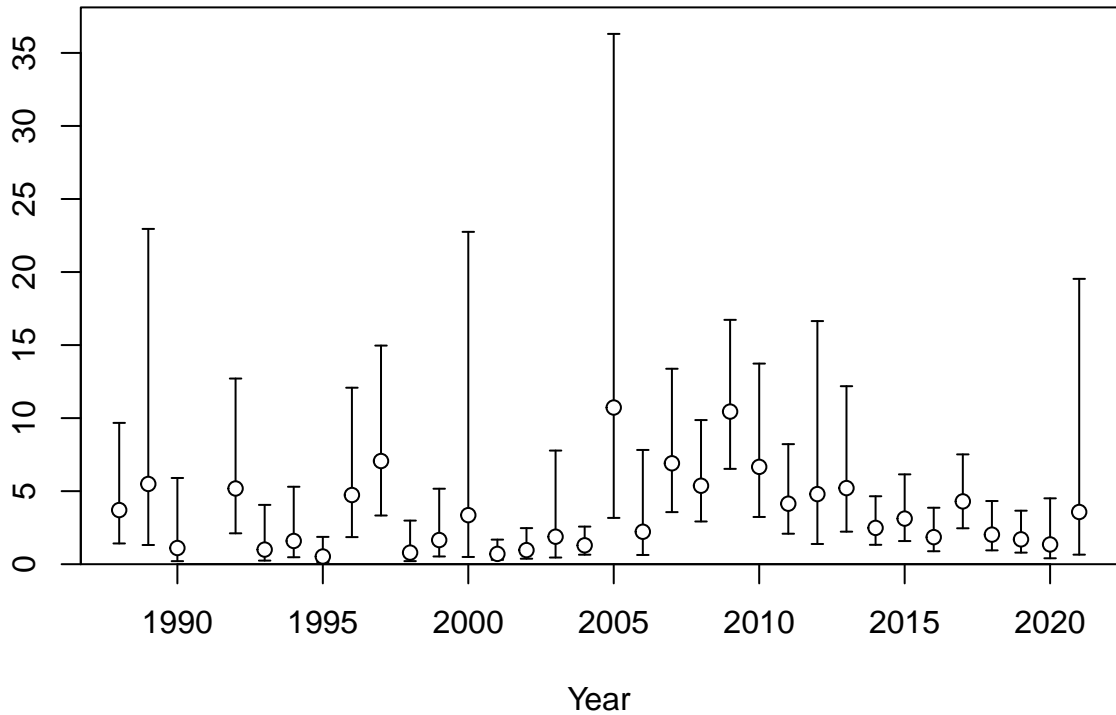


Fishing intensity: 1-SPR

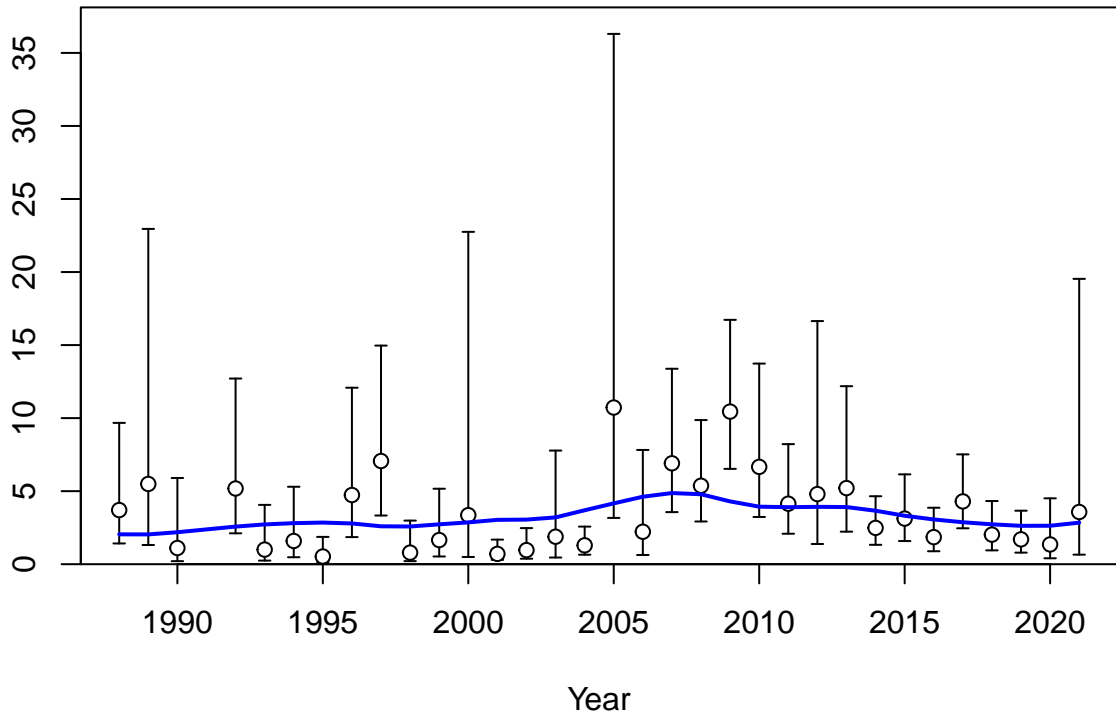


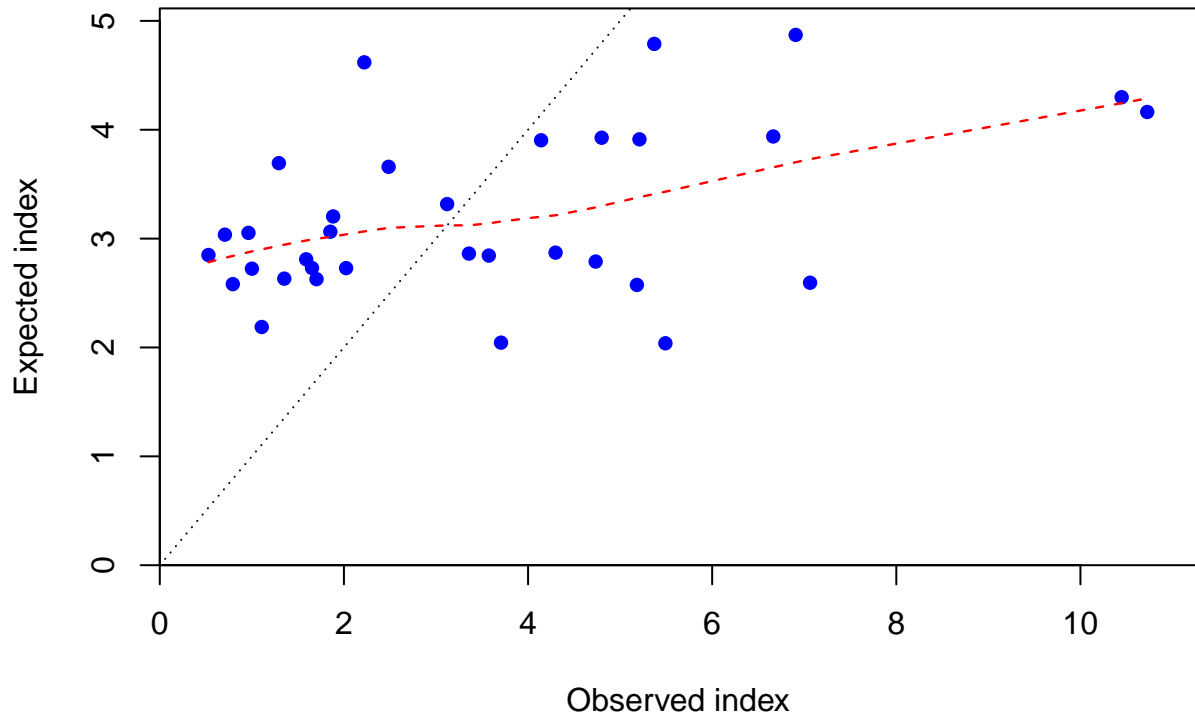


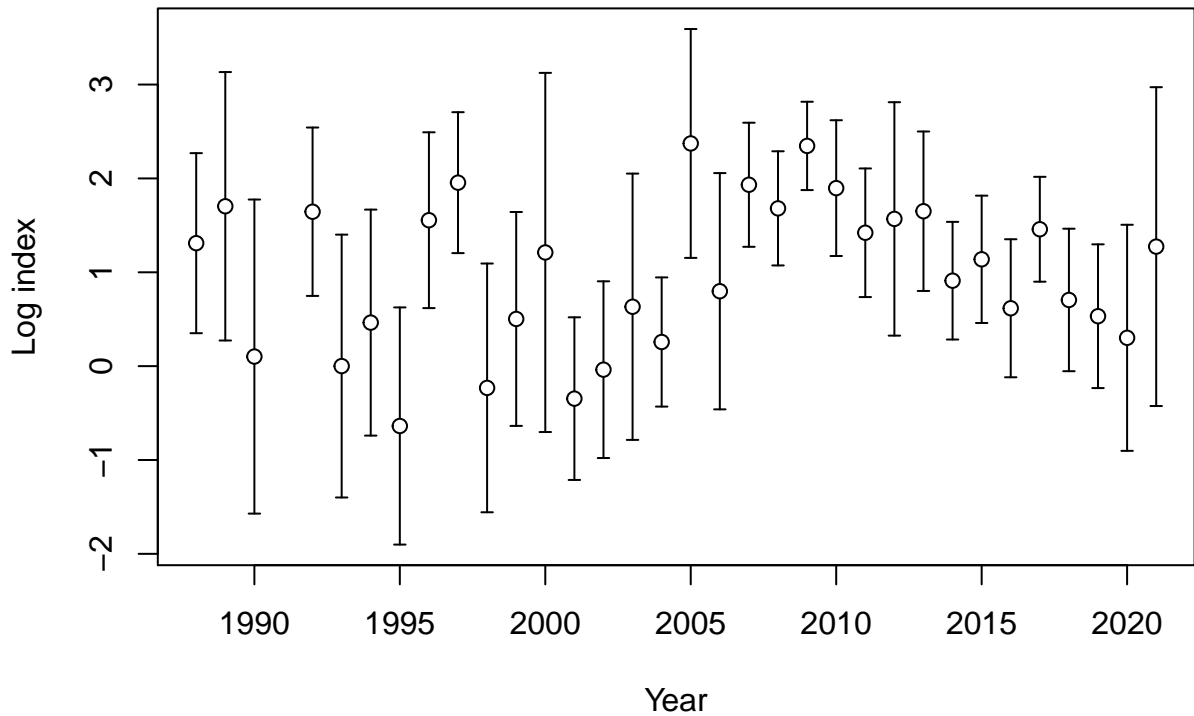
Index

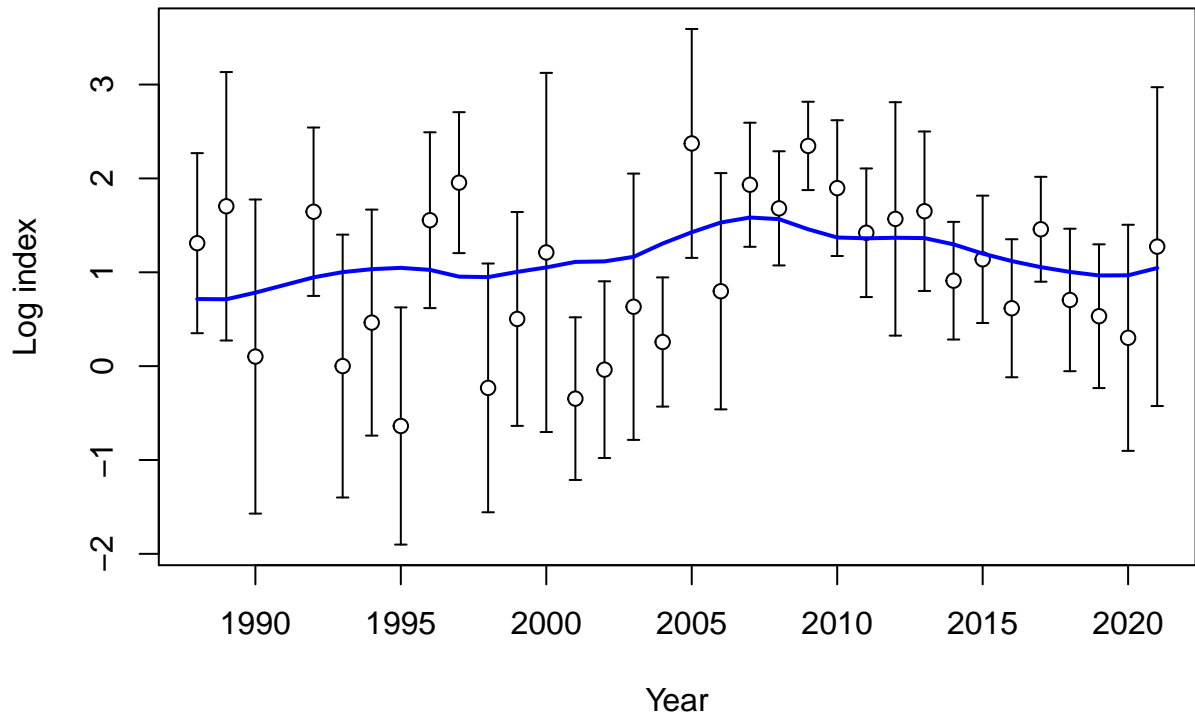


Index

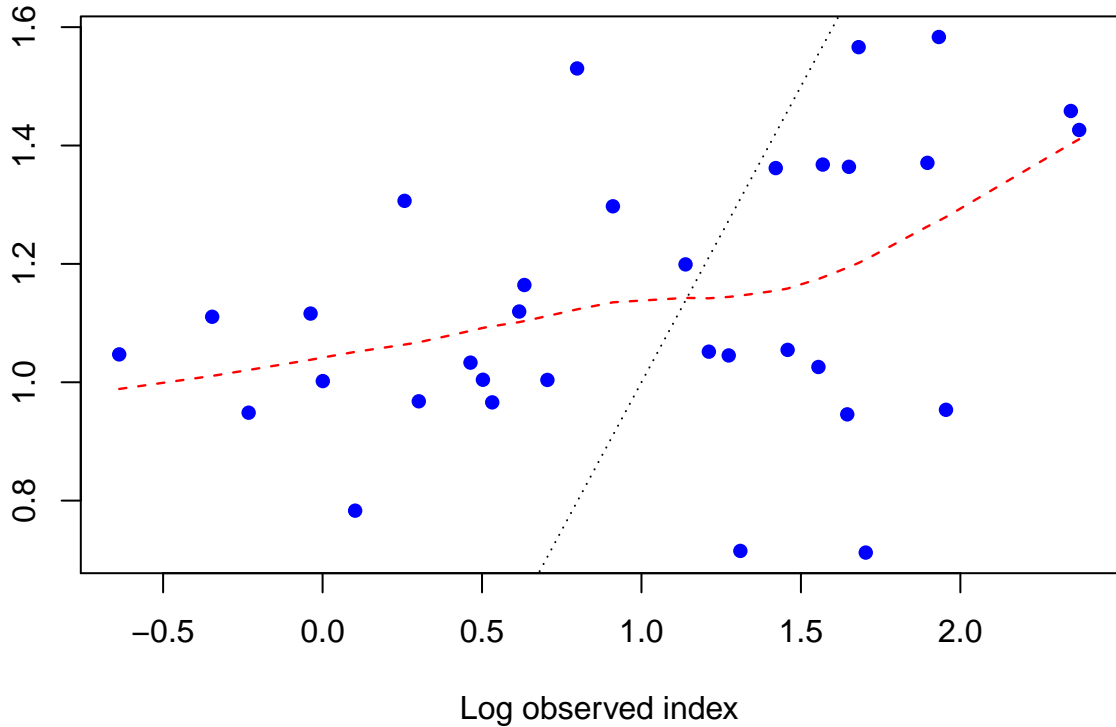


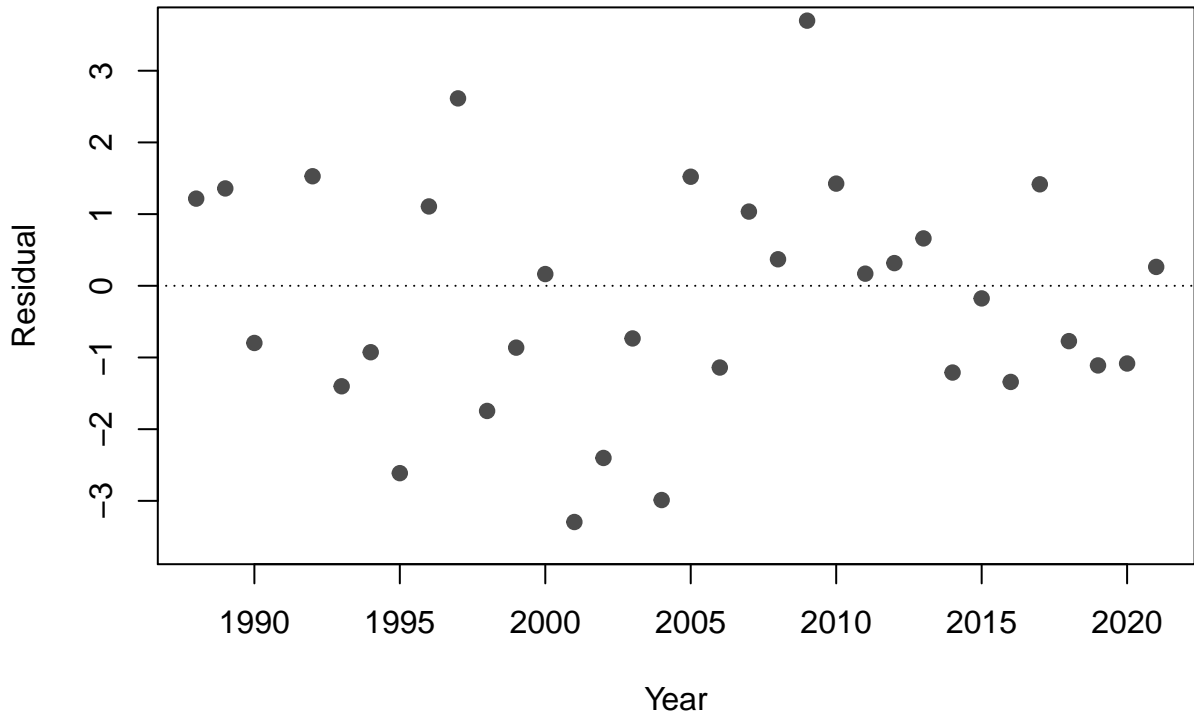


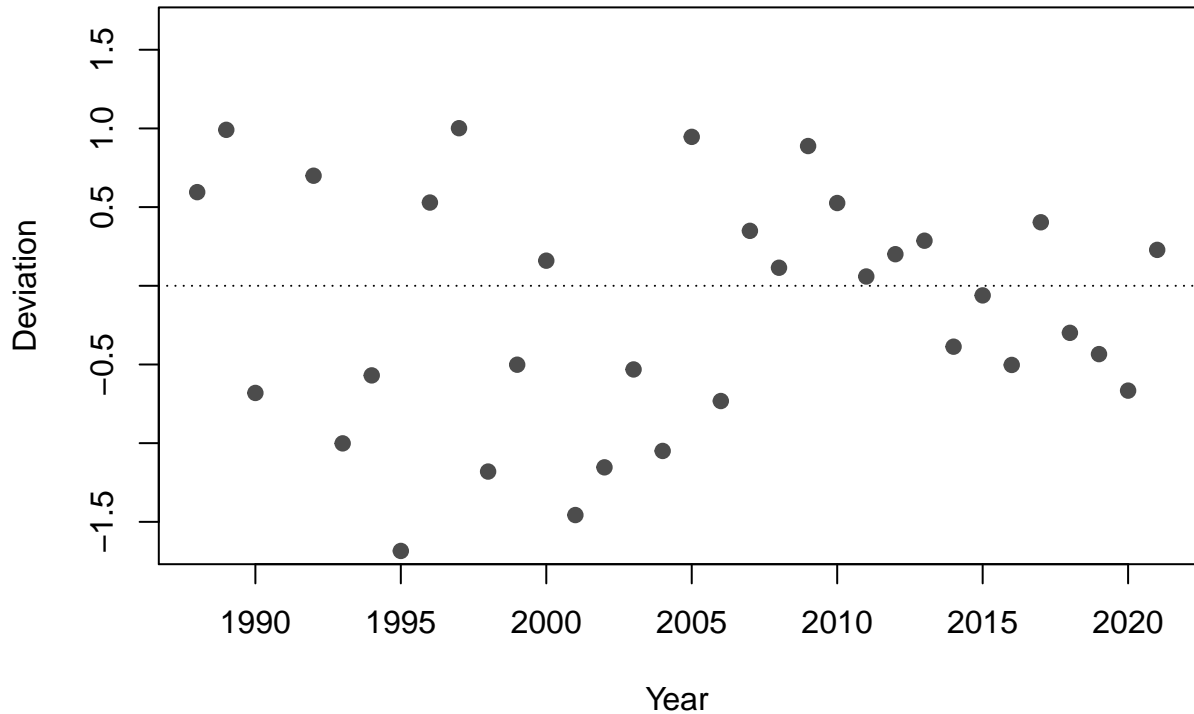


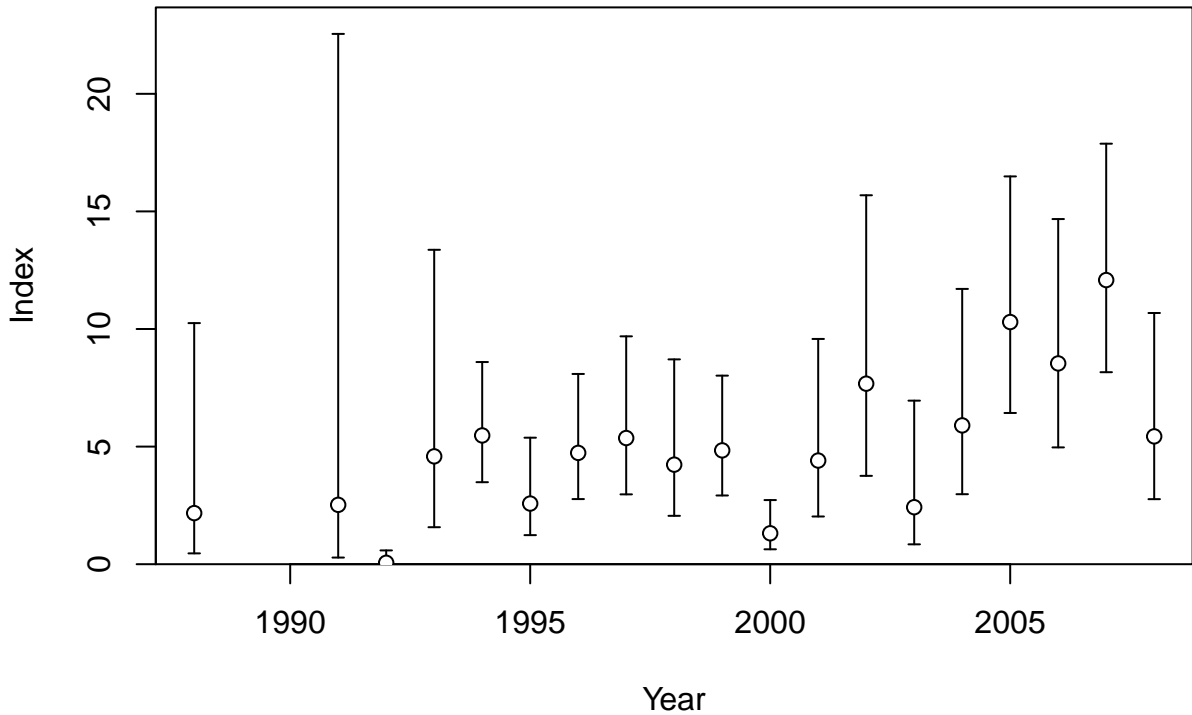


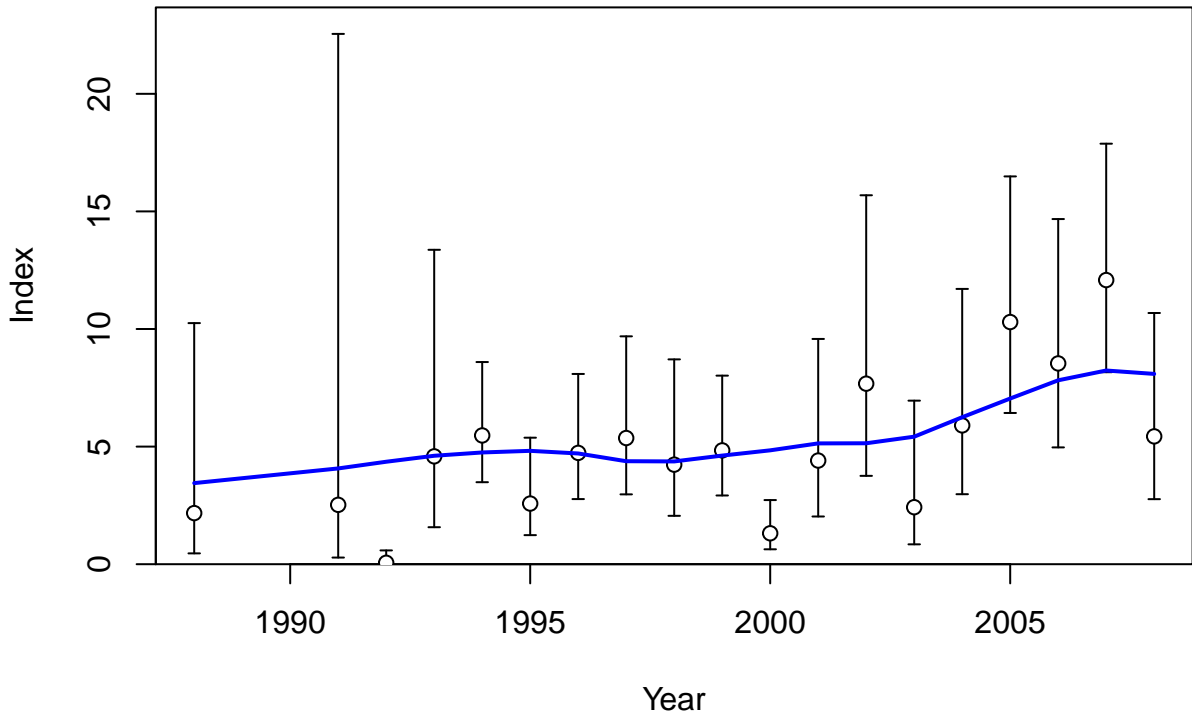
Log expected index

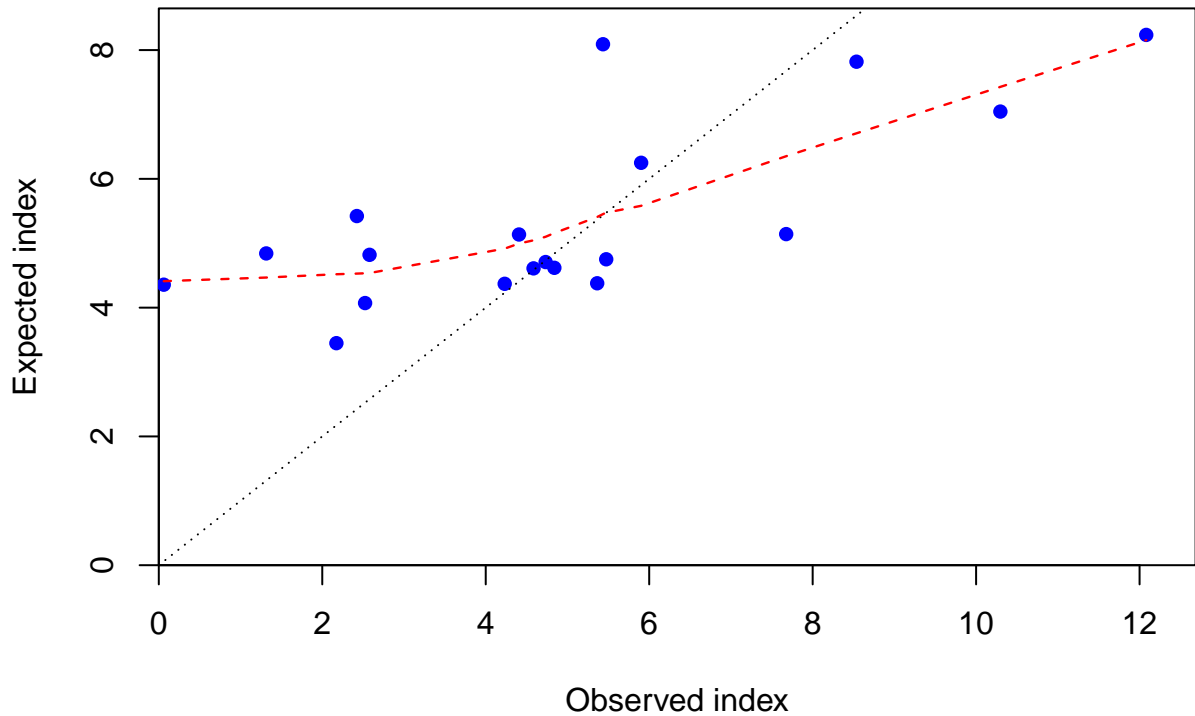


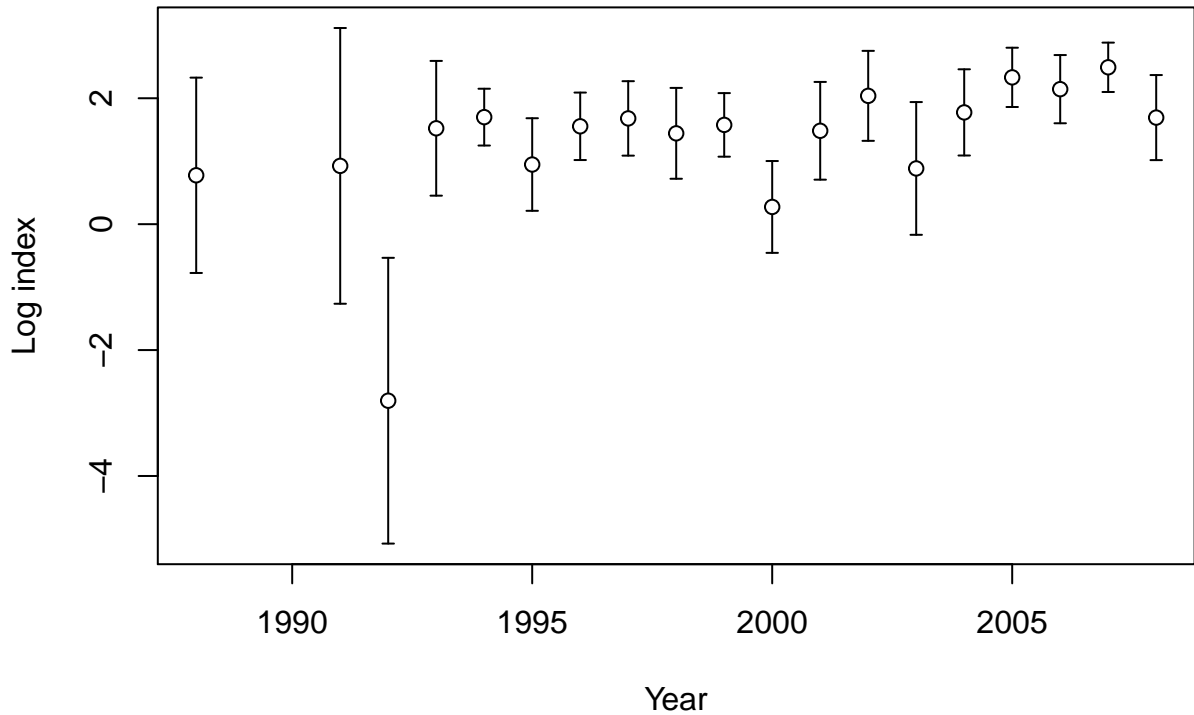


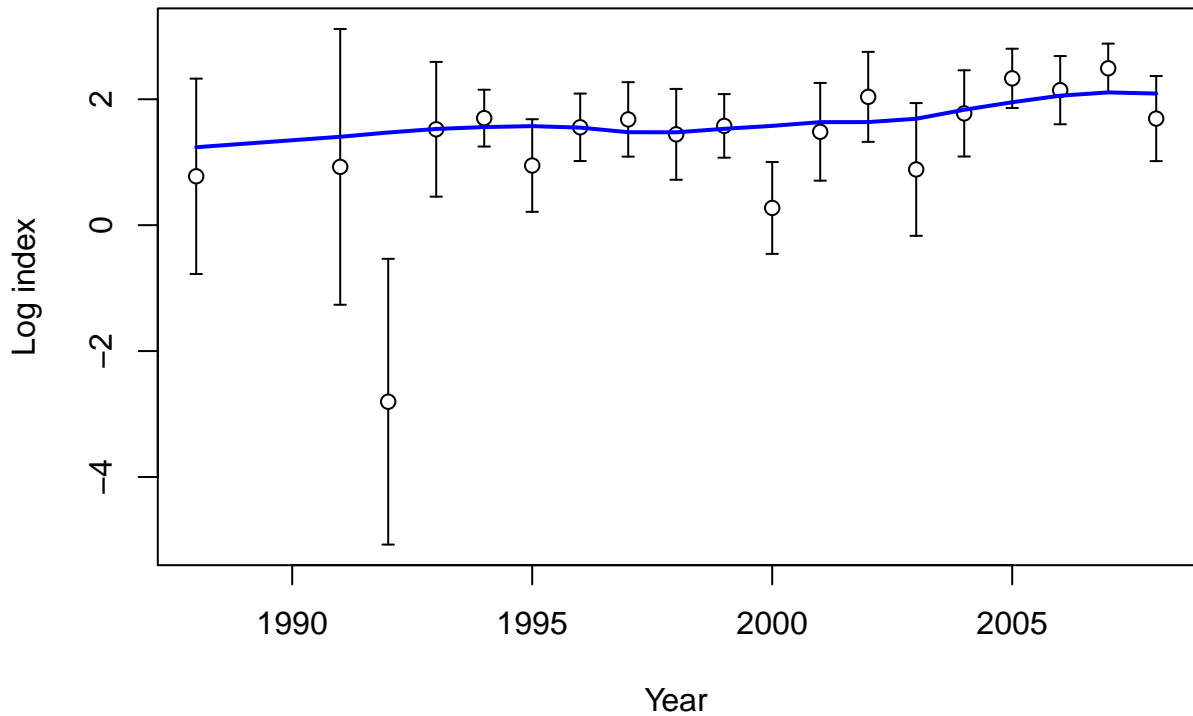


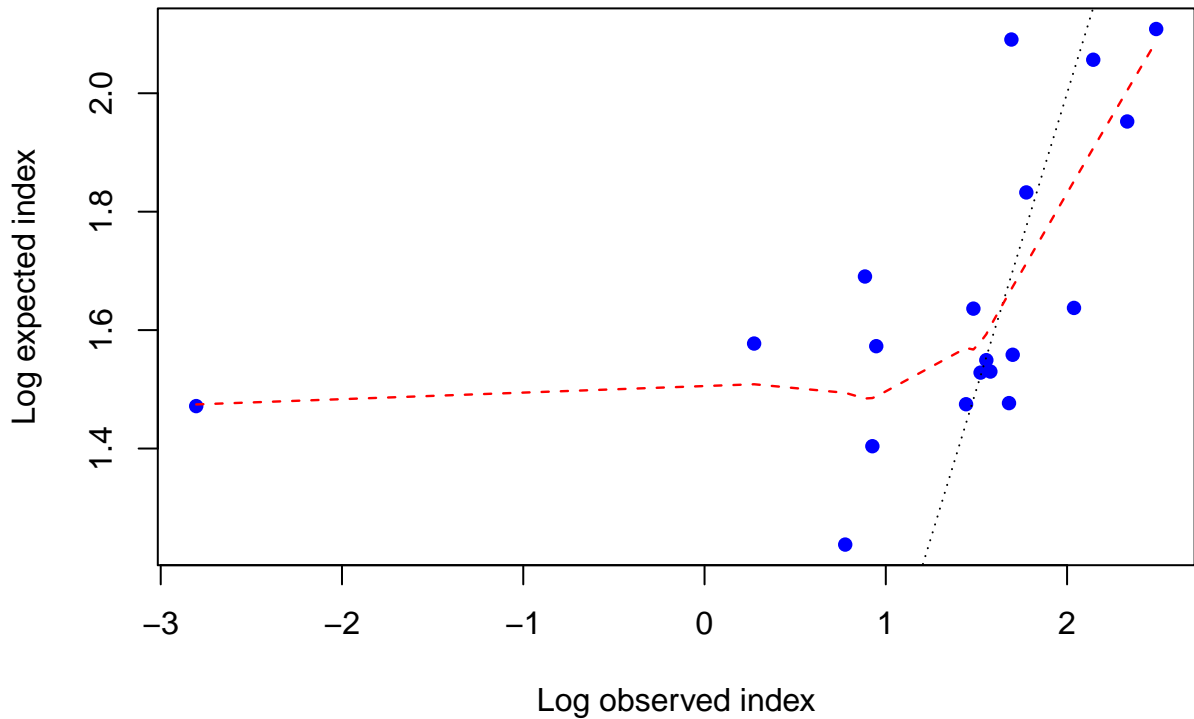


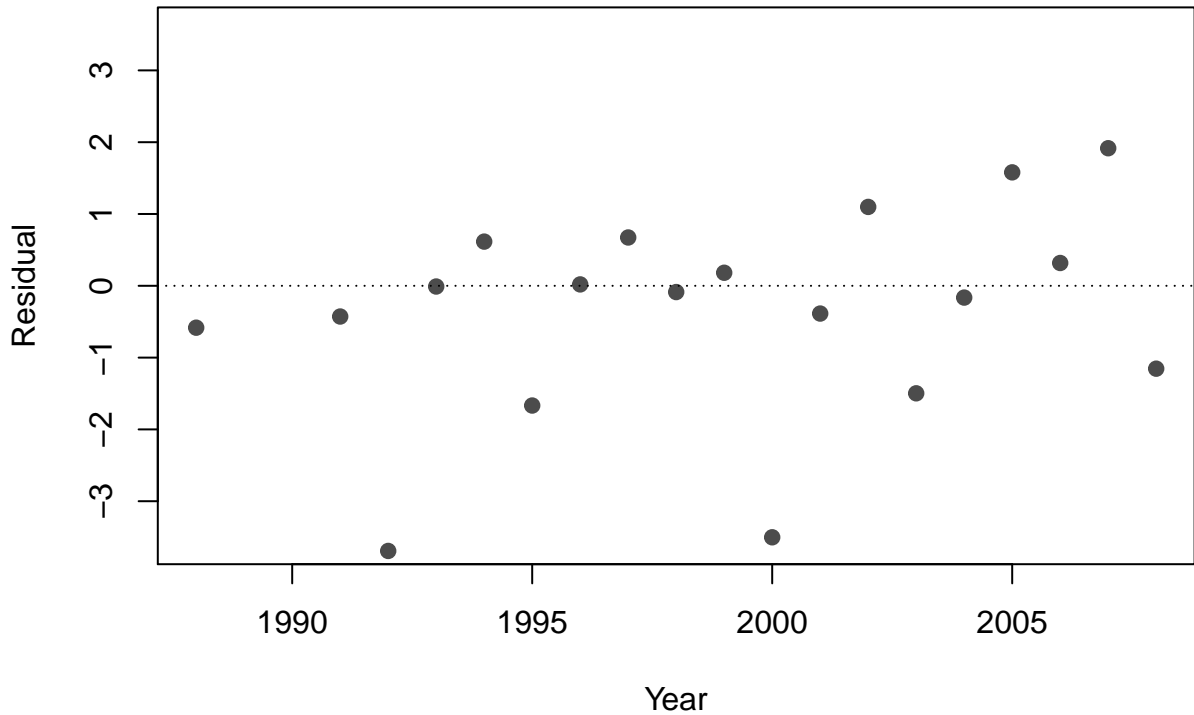




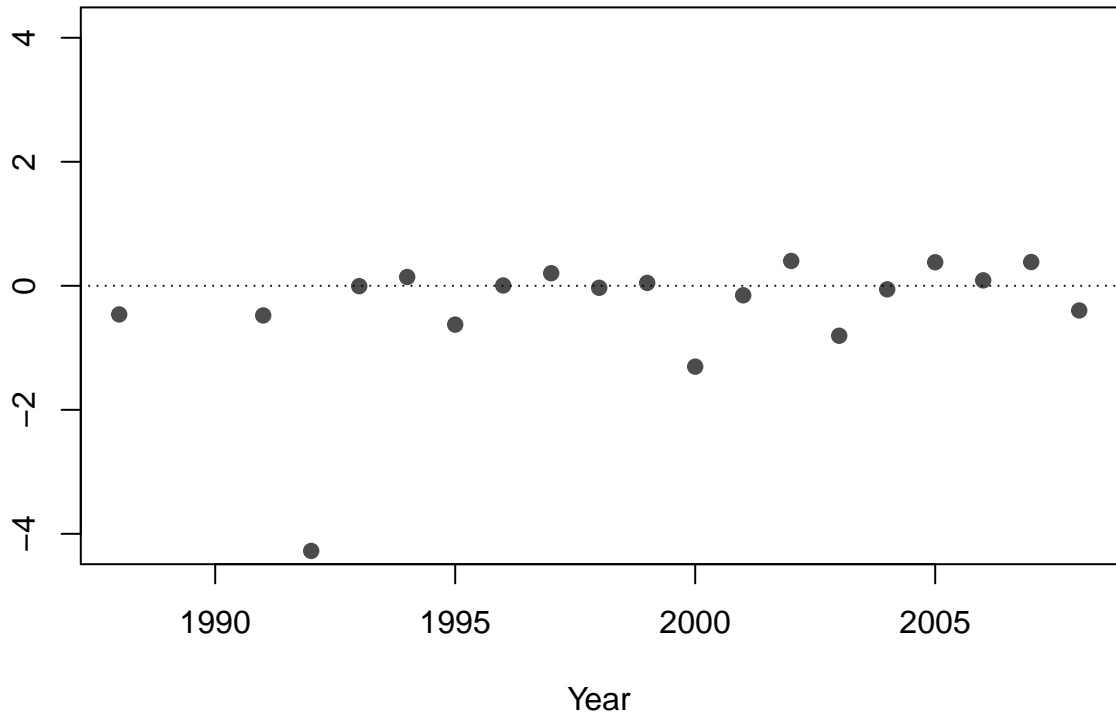




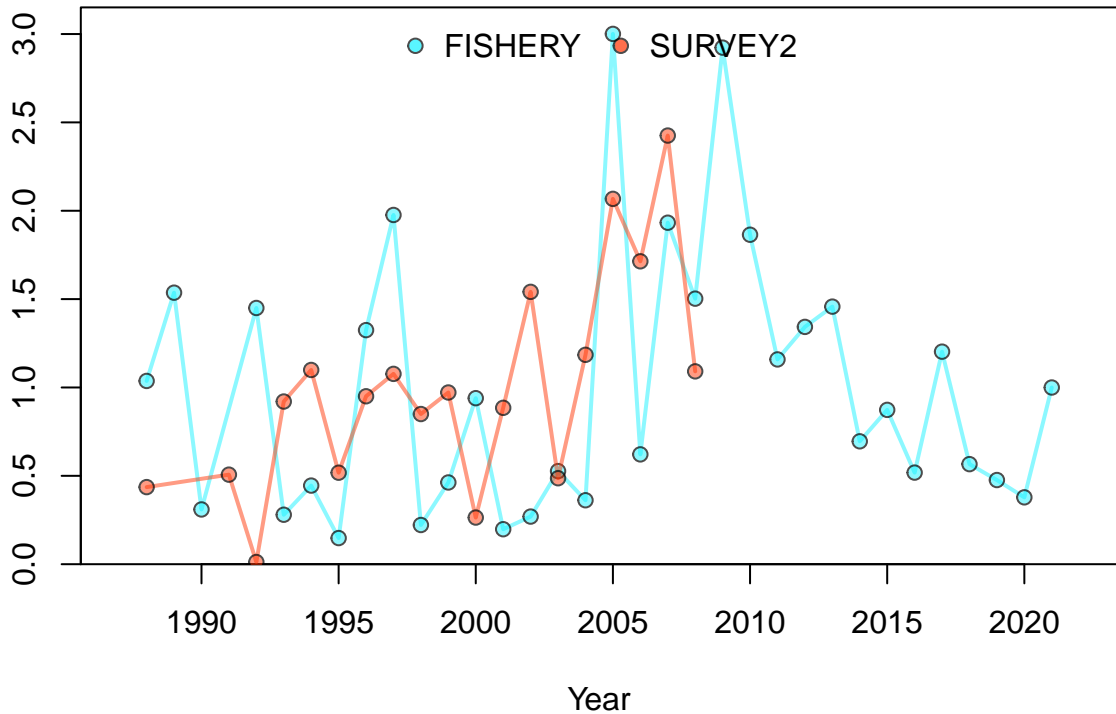


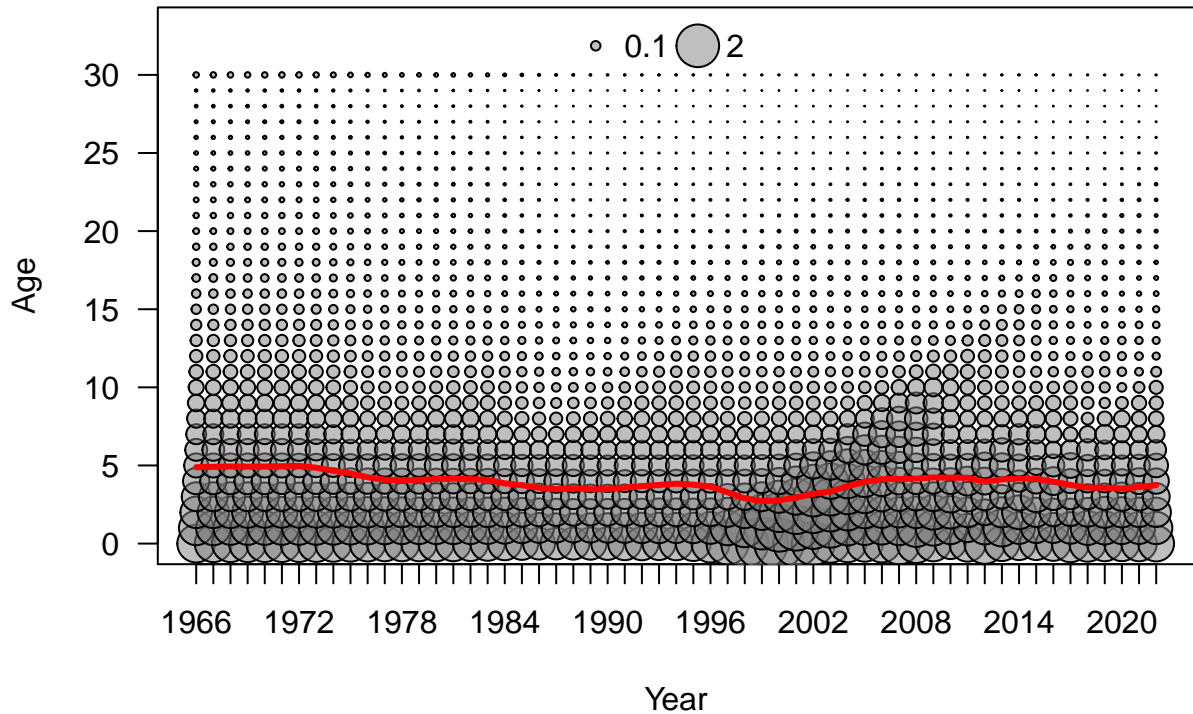


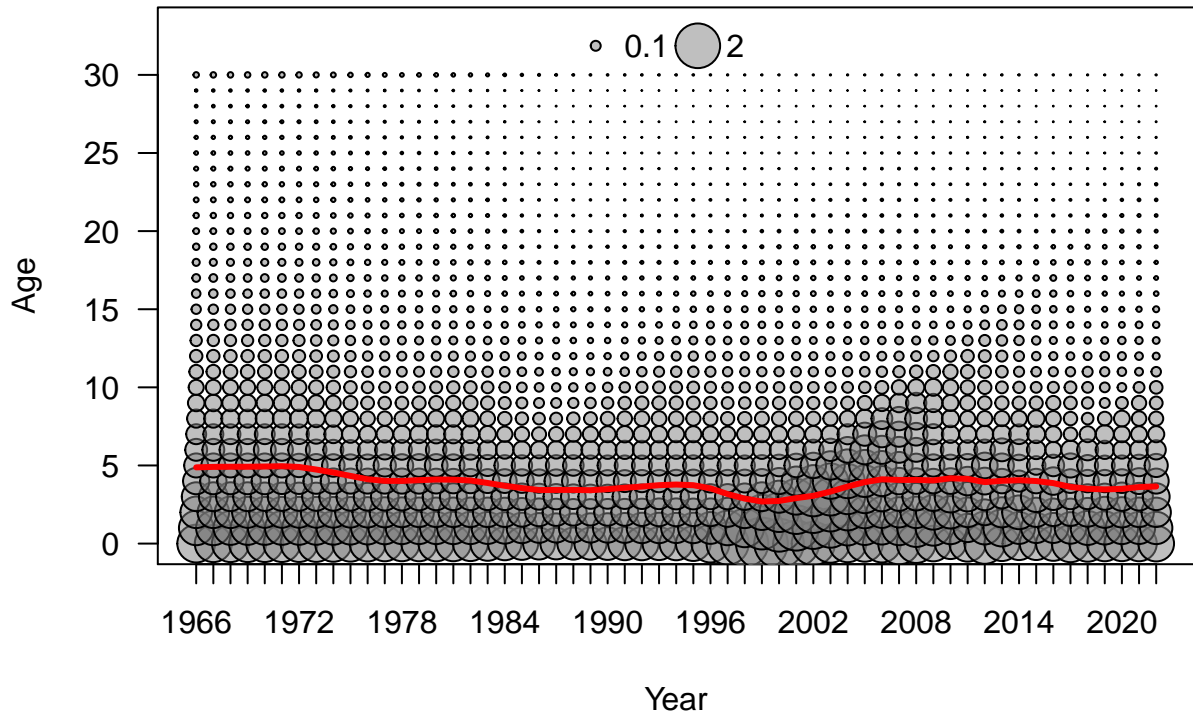
Deviation

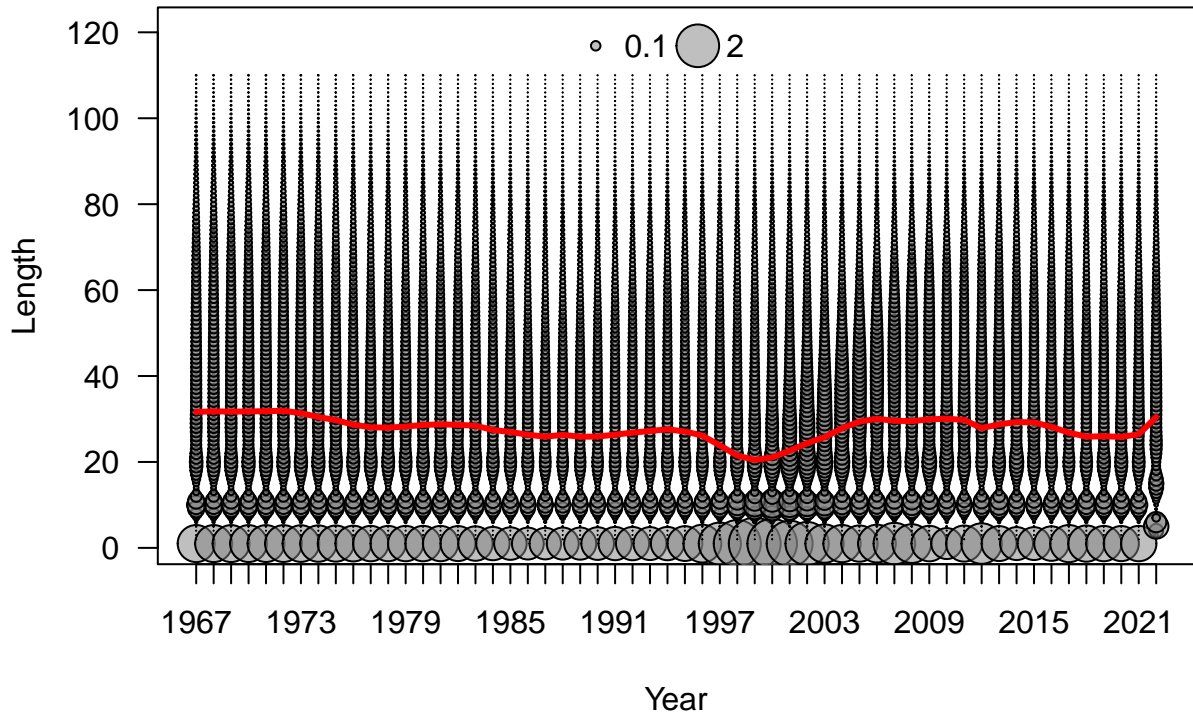


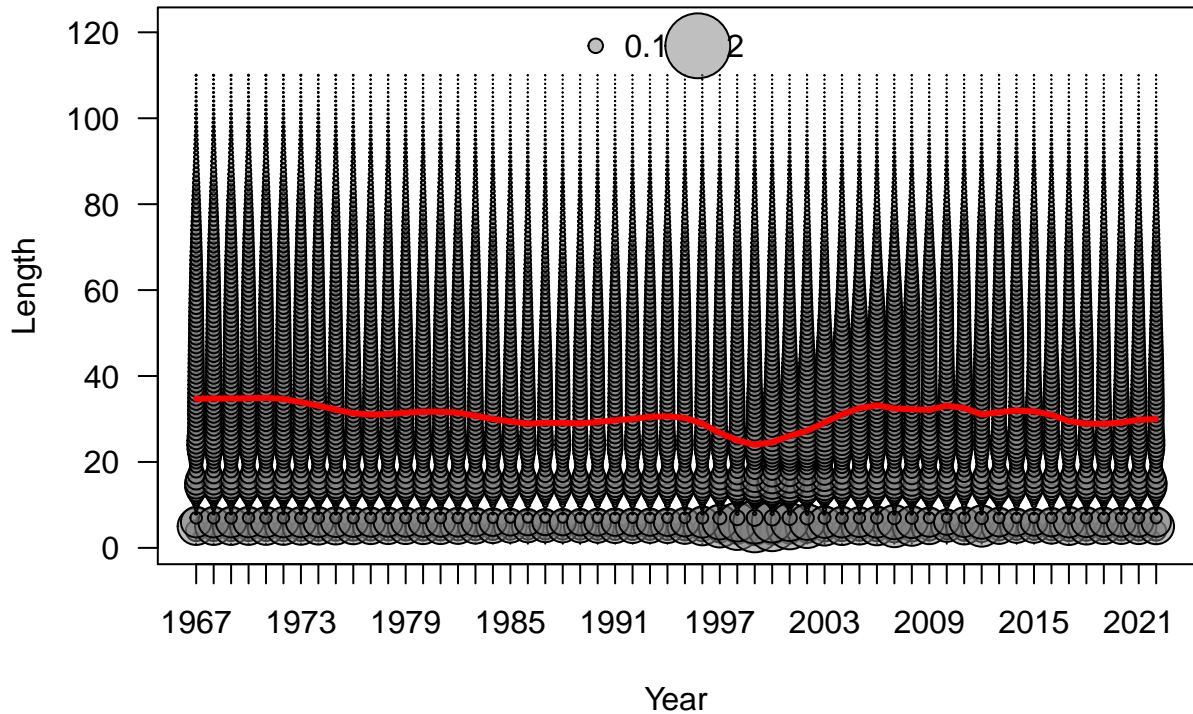
Standardized index

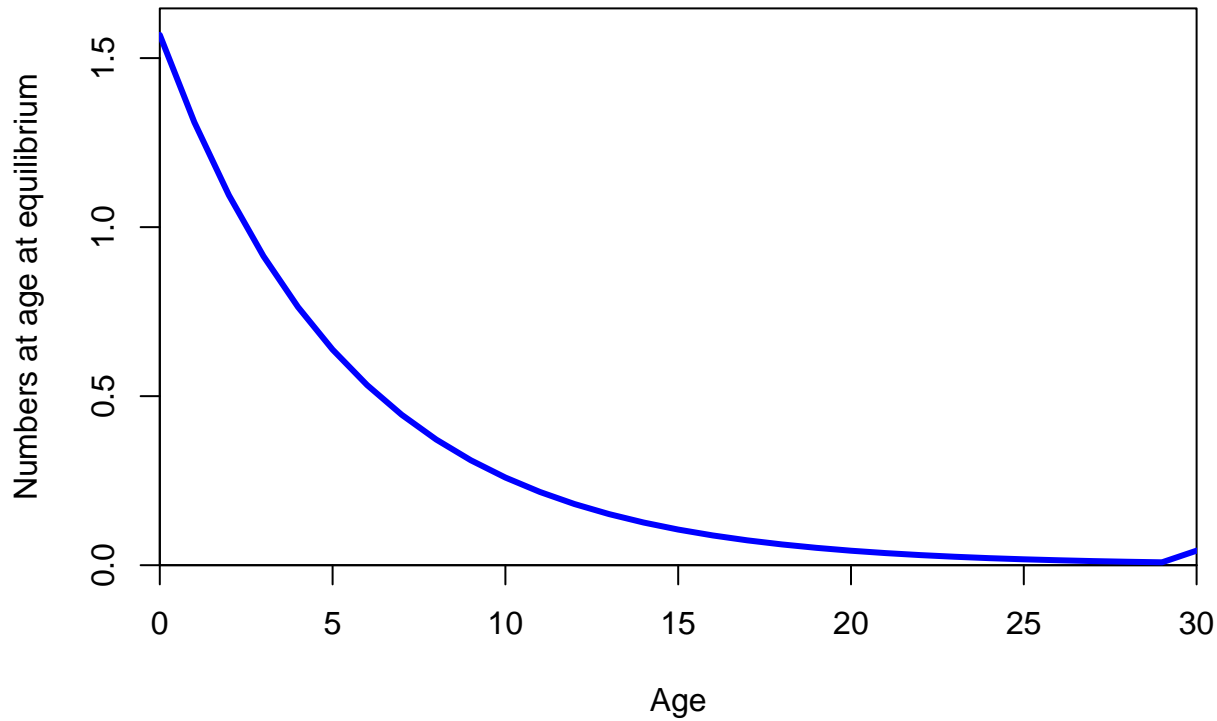






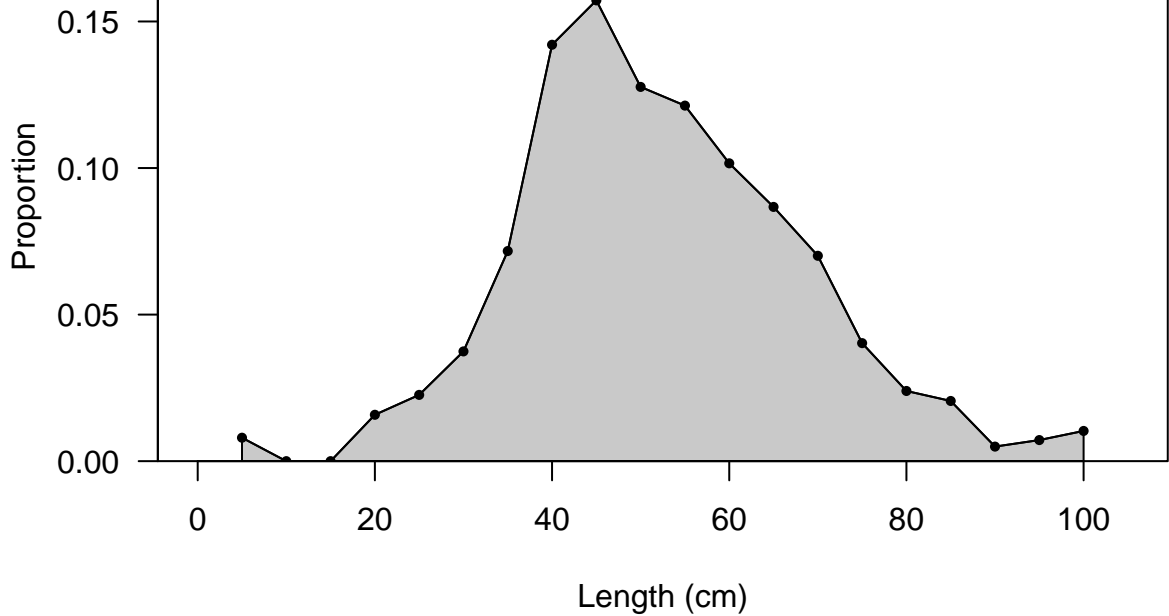


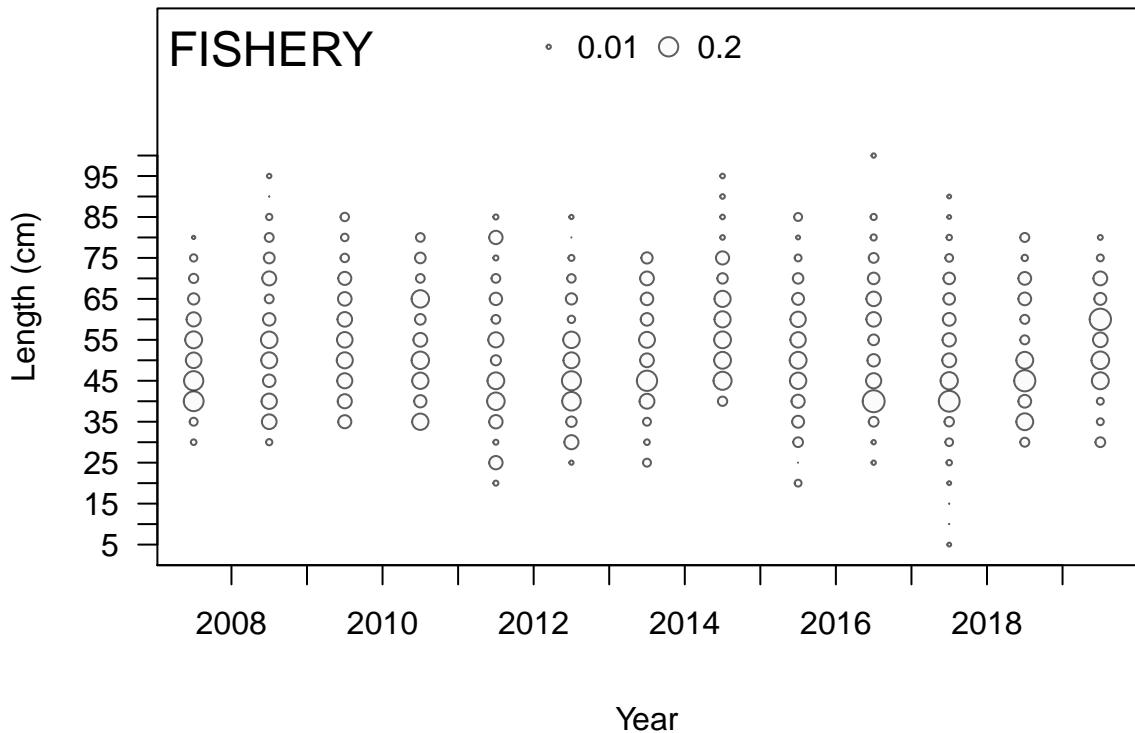




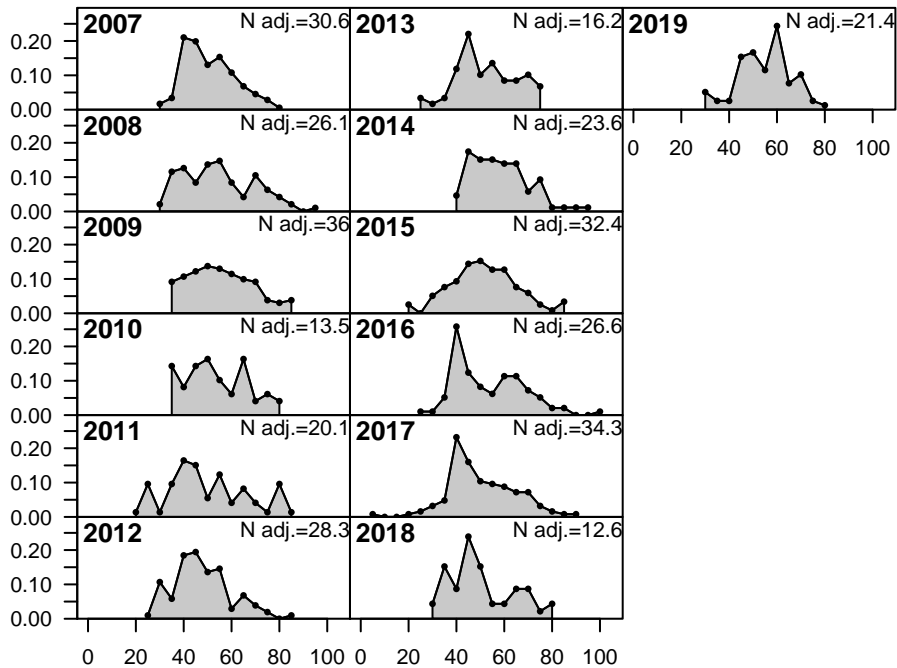
FISHERY

Sum of N adj.=321.7

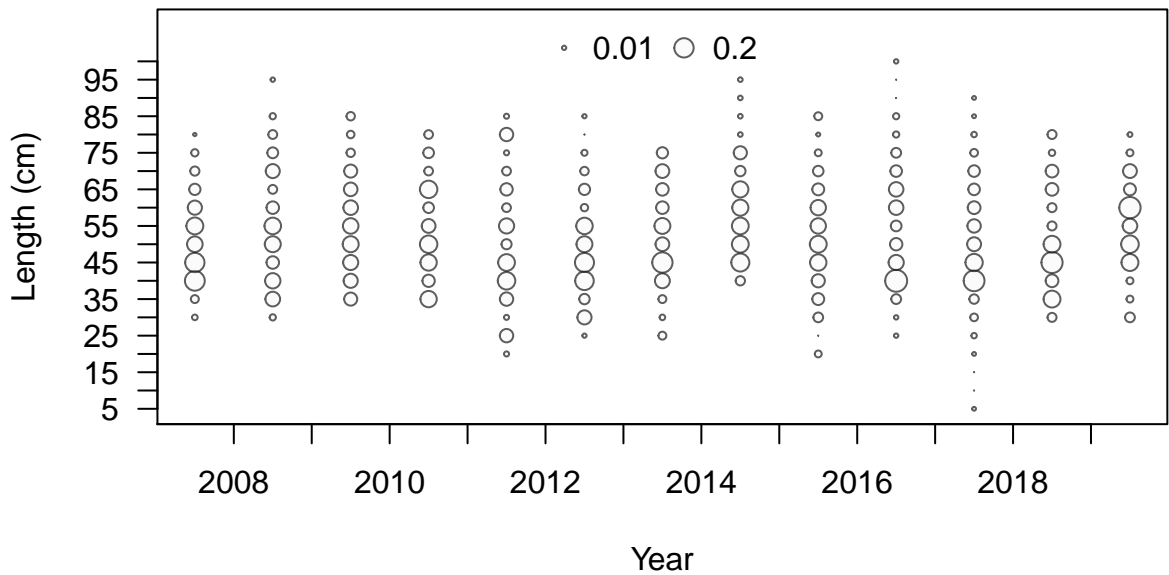




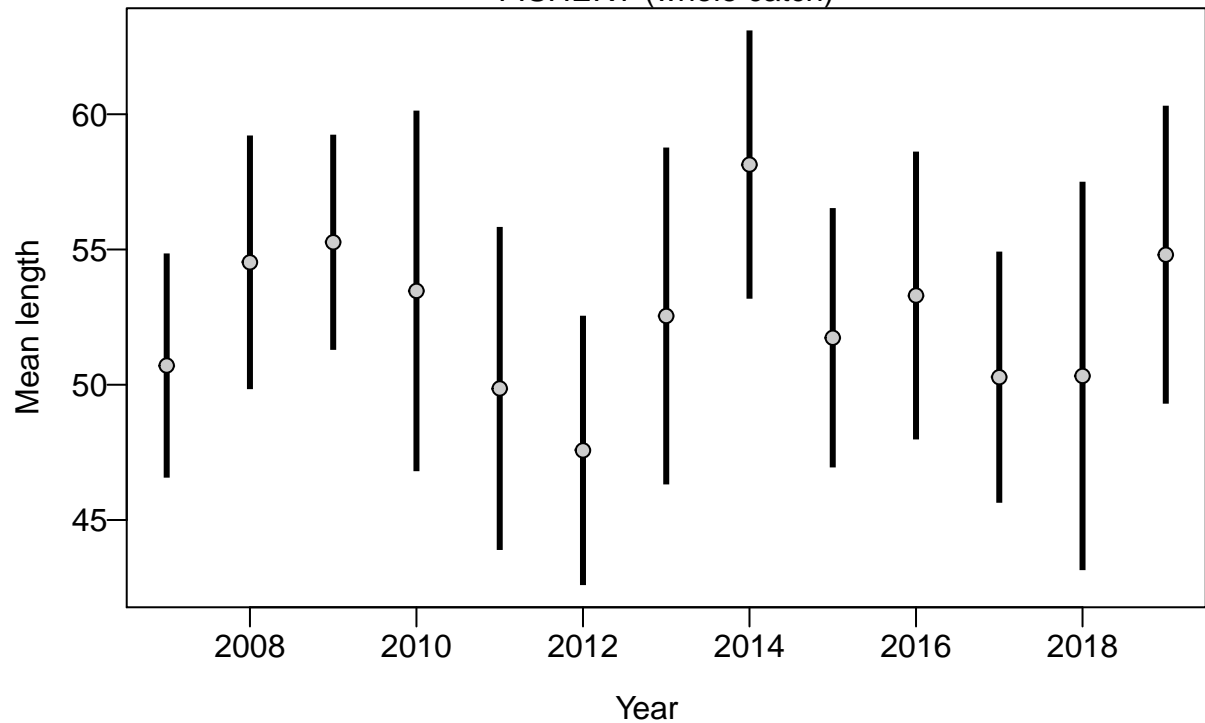
Proportion



Length (cm)

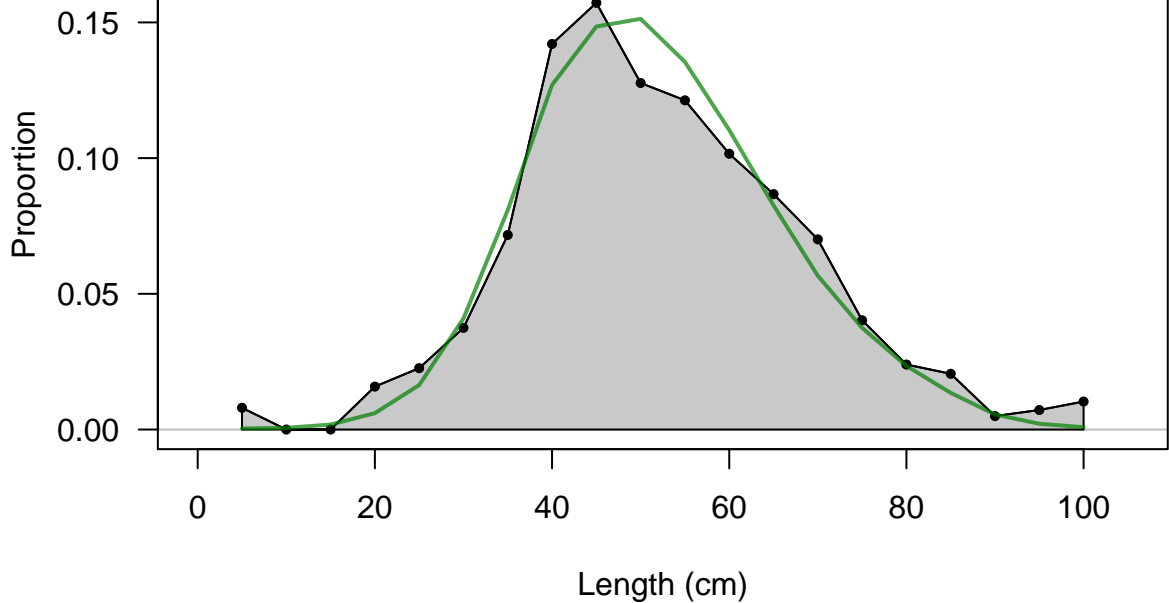


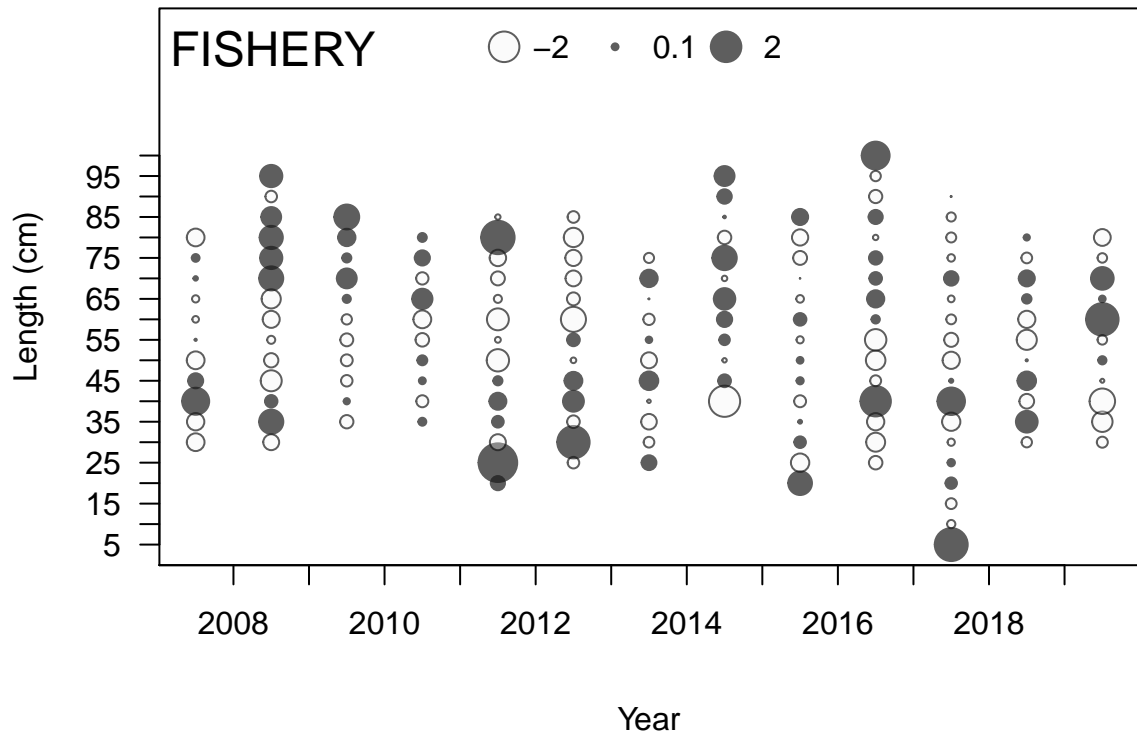
FISHERY (whole catch)



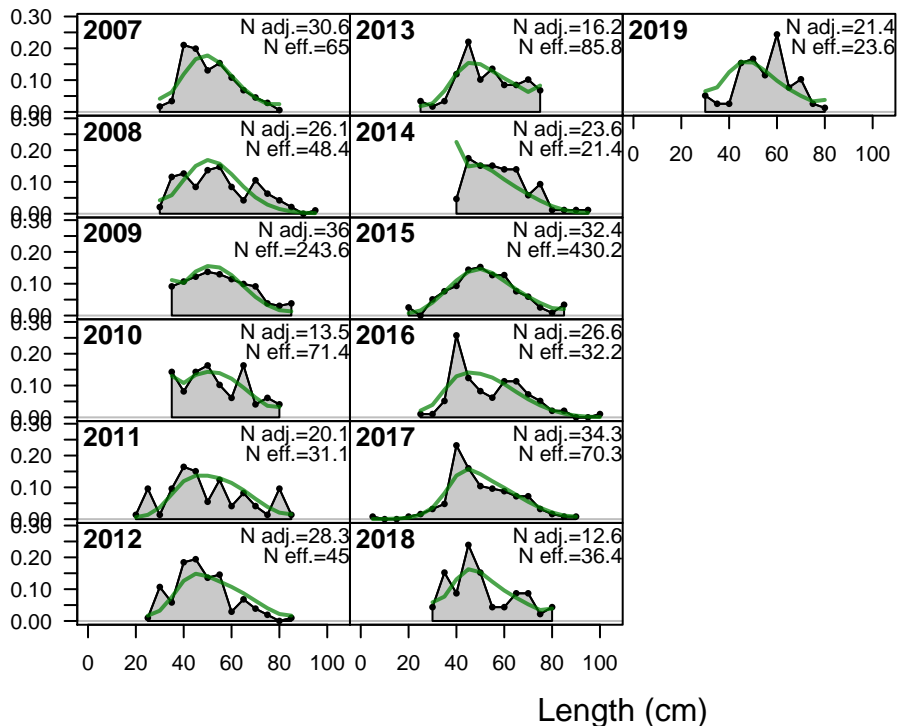
FISHERY

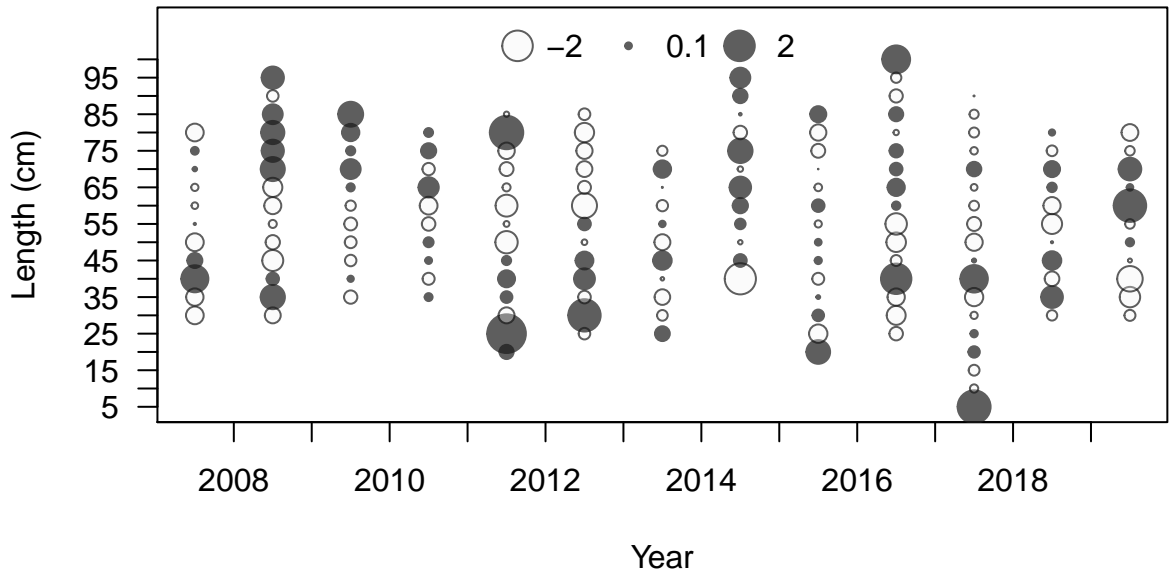
Sum of N adj.=321.7
Sum of N eff.=1204.5



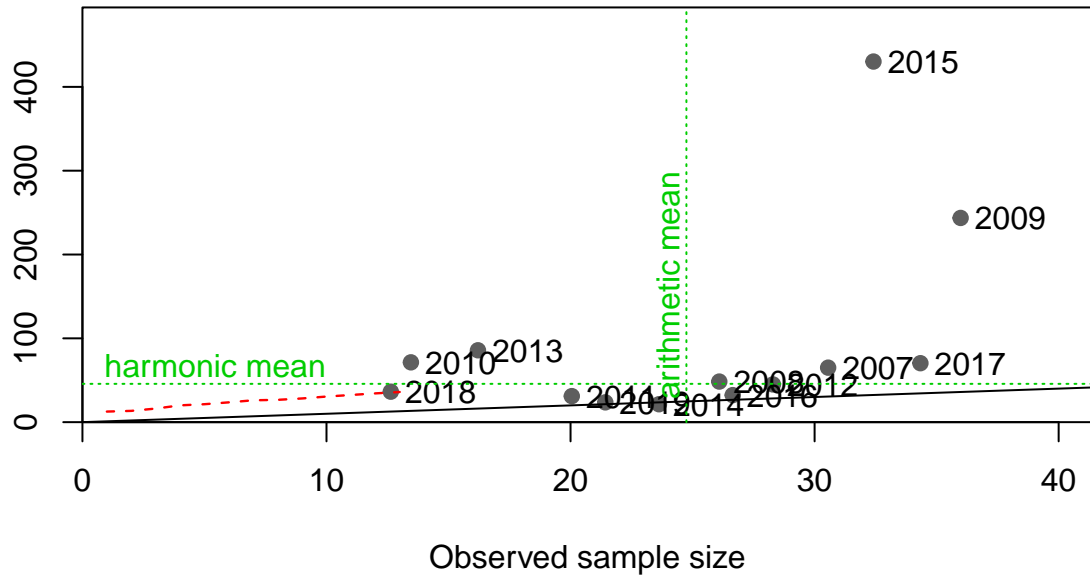


Proportion

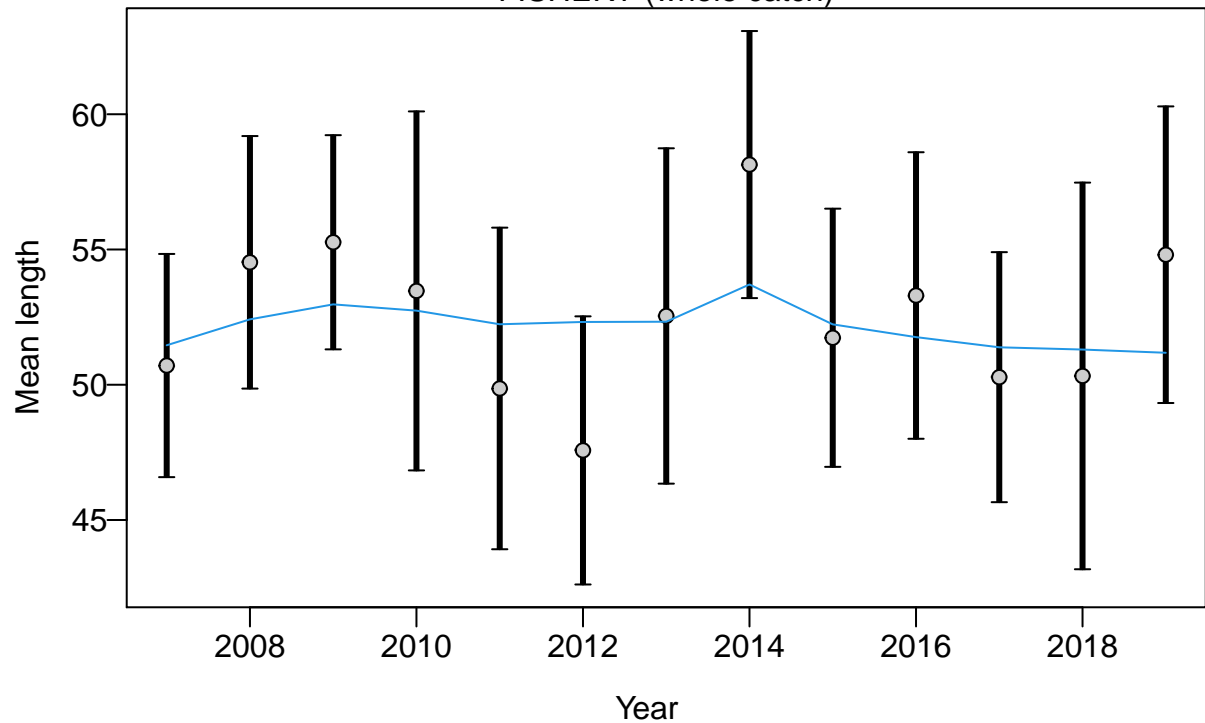


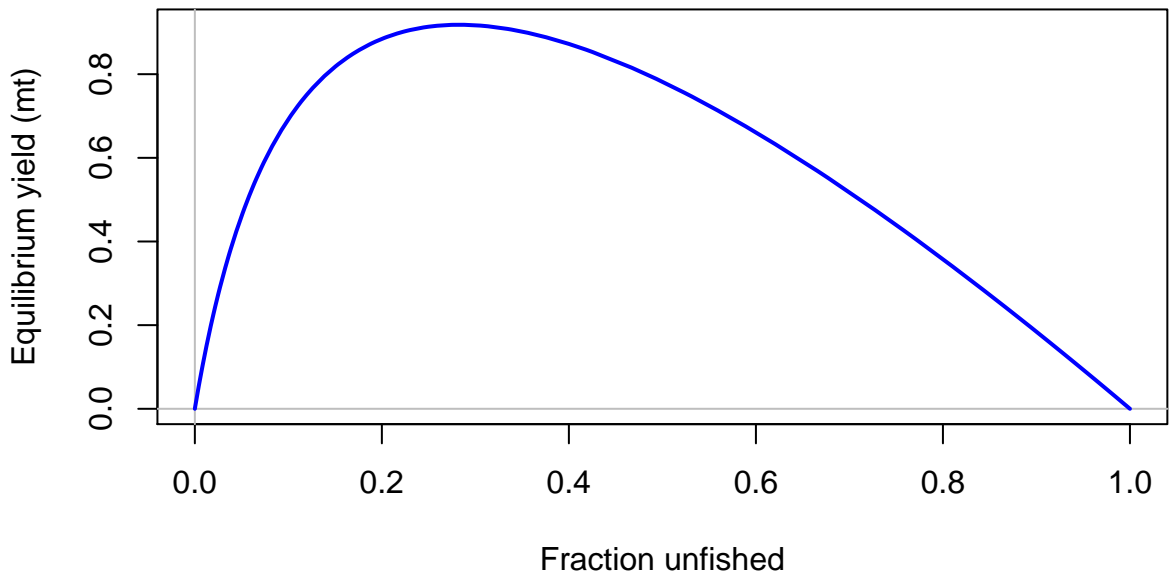


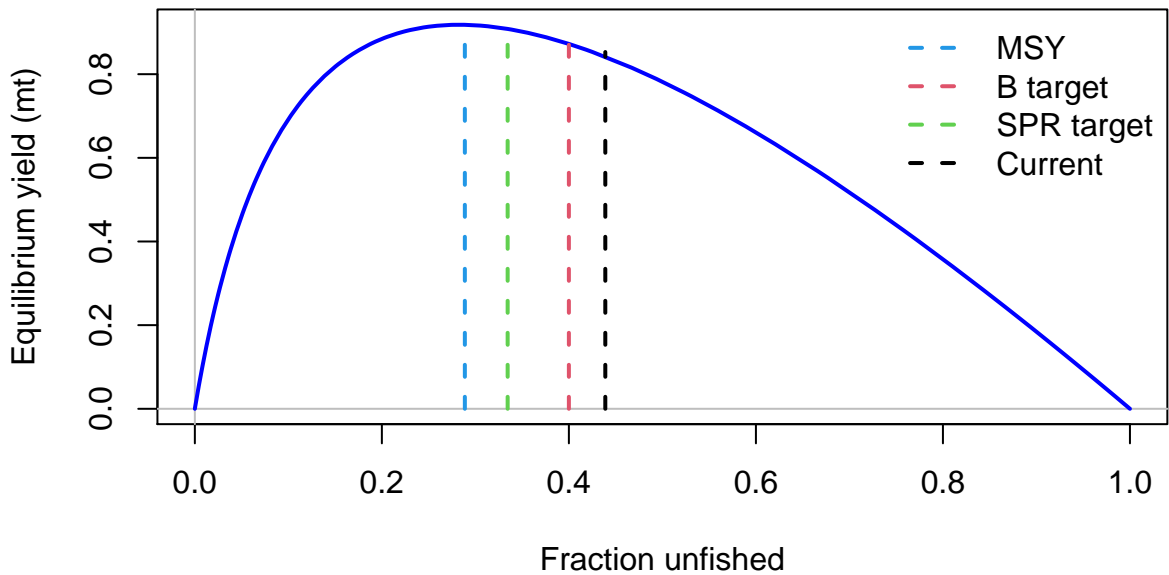
Effective sample size

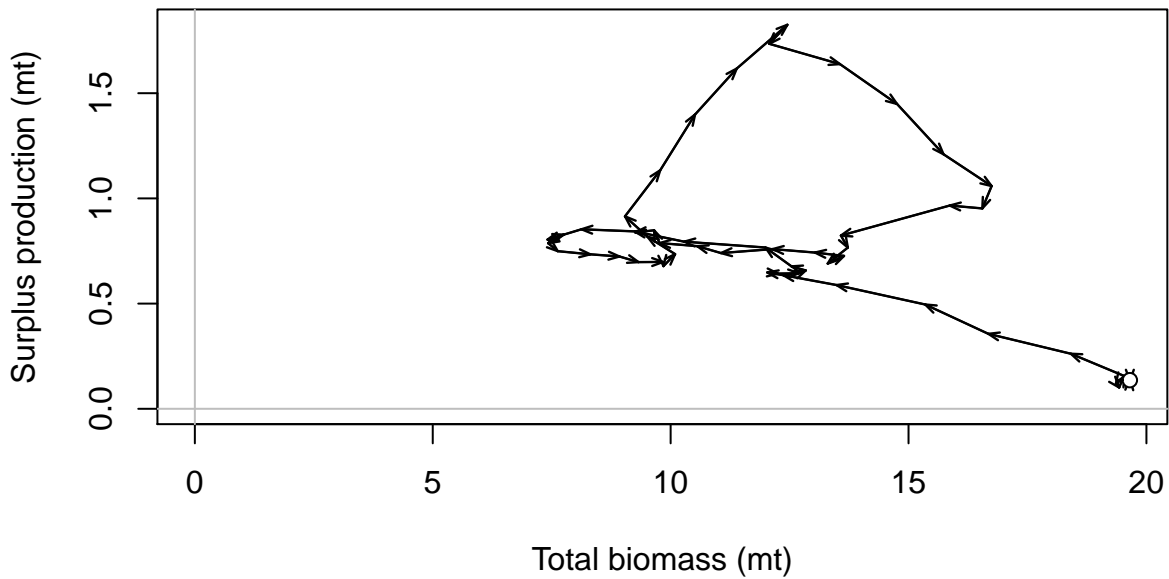


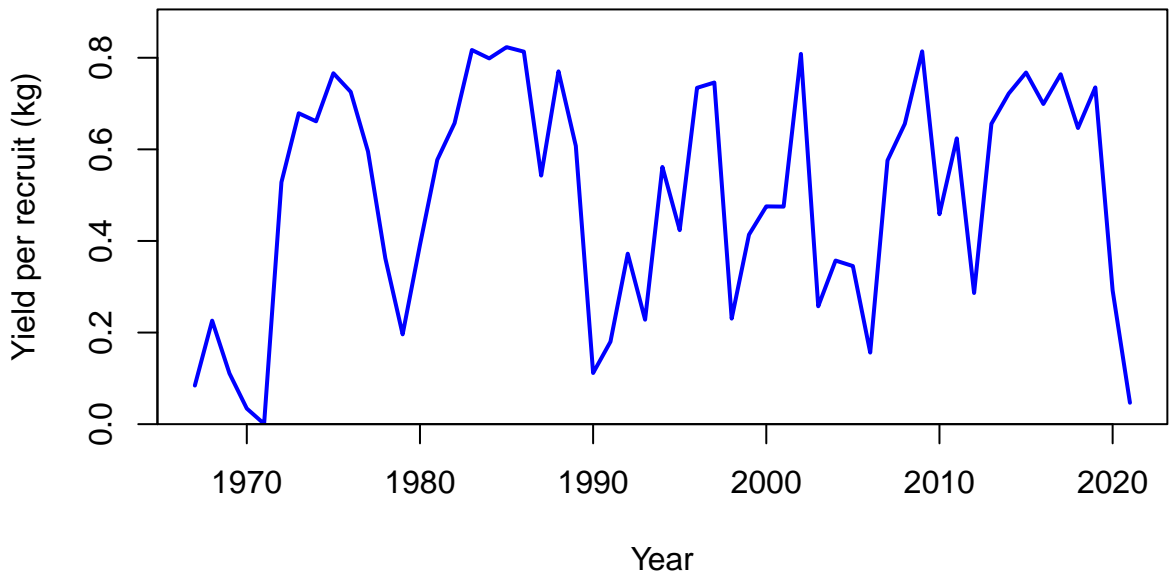
FISHERY (whole catch)

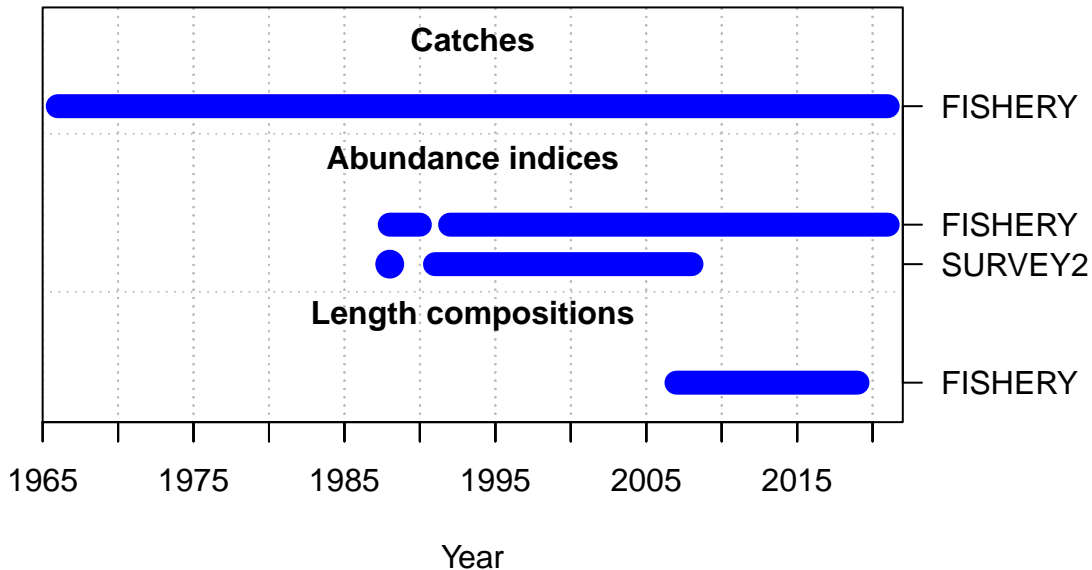


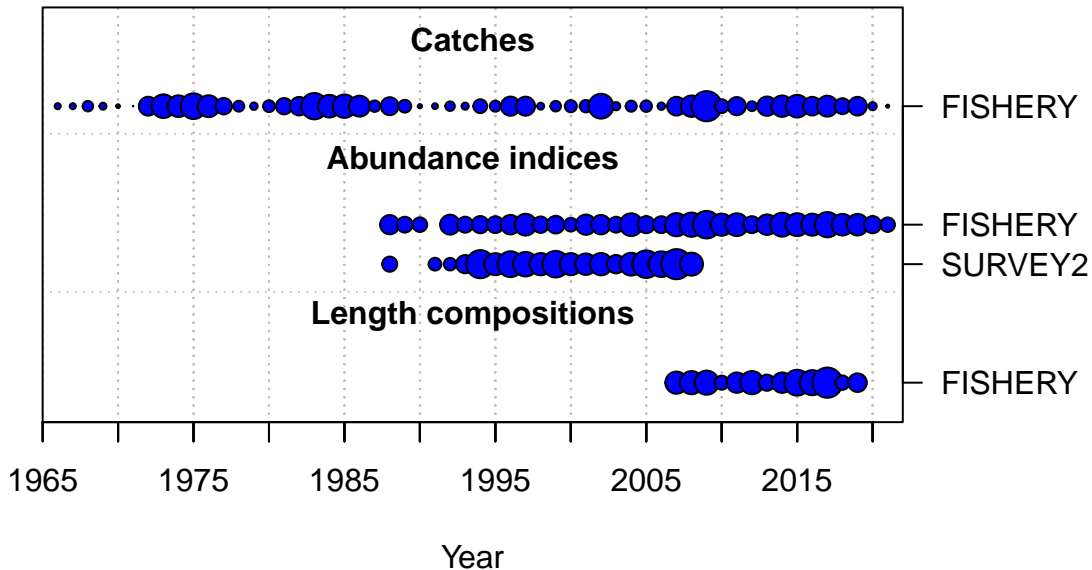






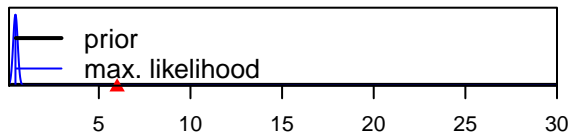




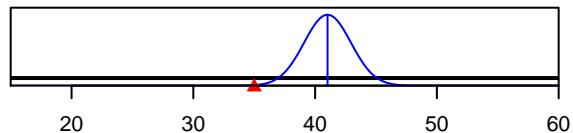


Density

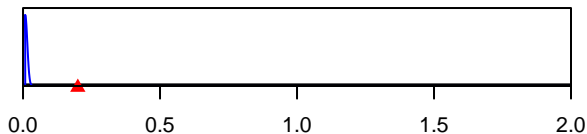
SR_LN(R0)



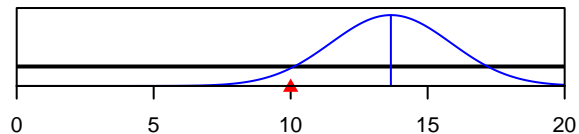
Size_inflection_FISHERY(1)



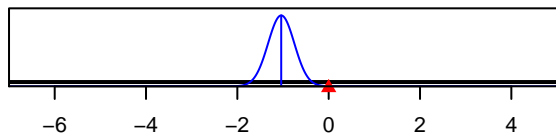
InitF_seas_1flt_1FISHERY



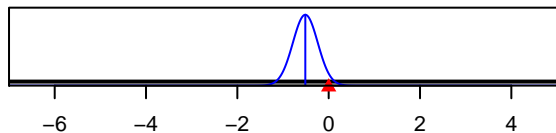
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value