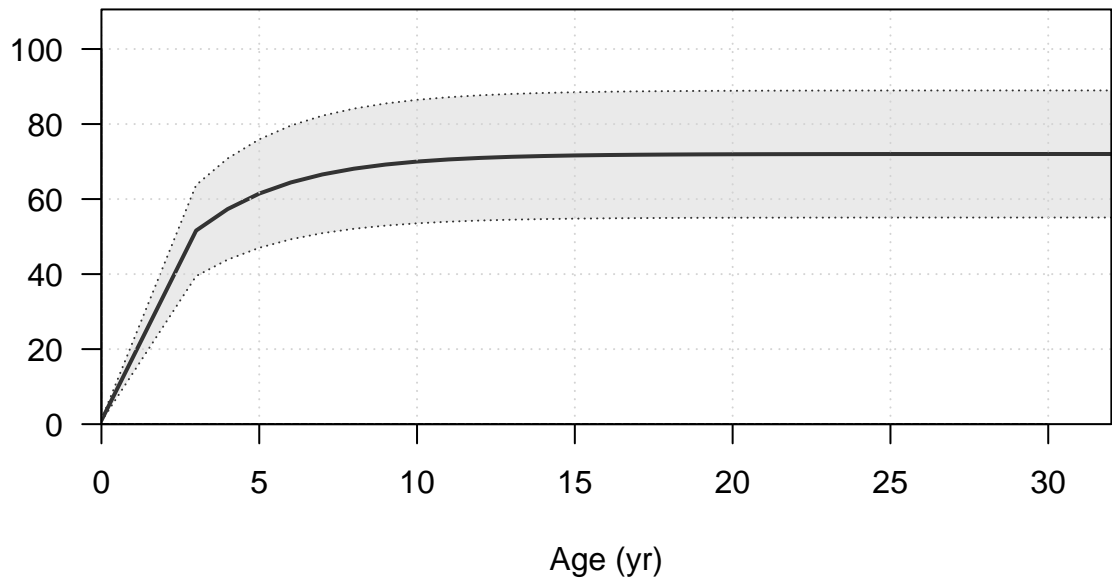
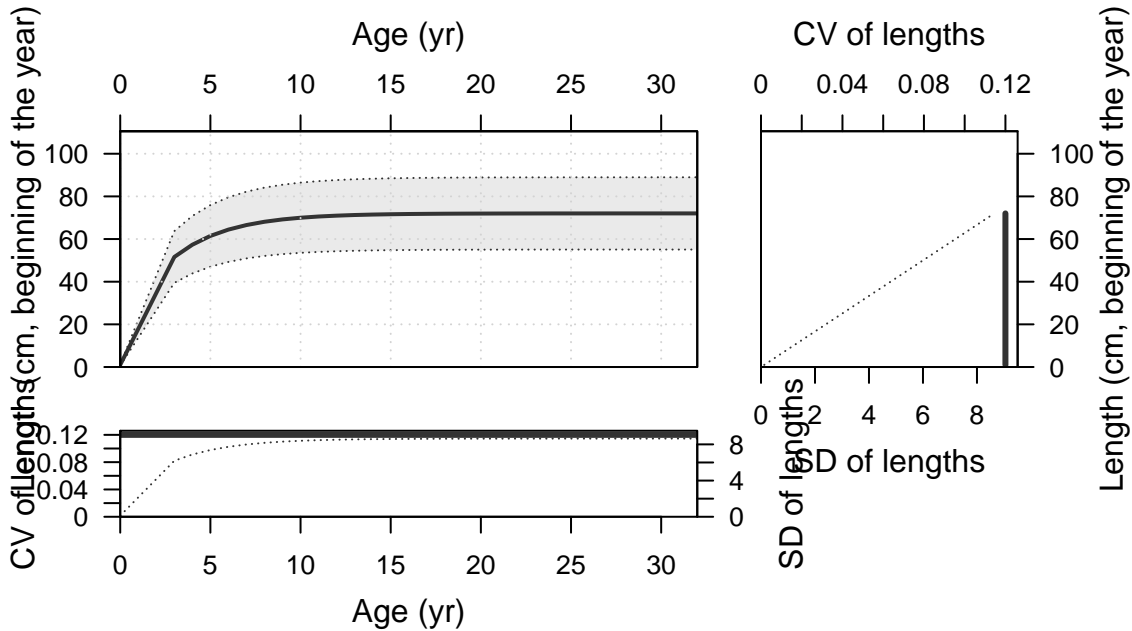
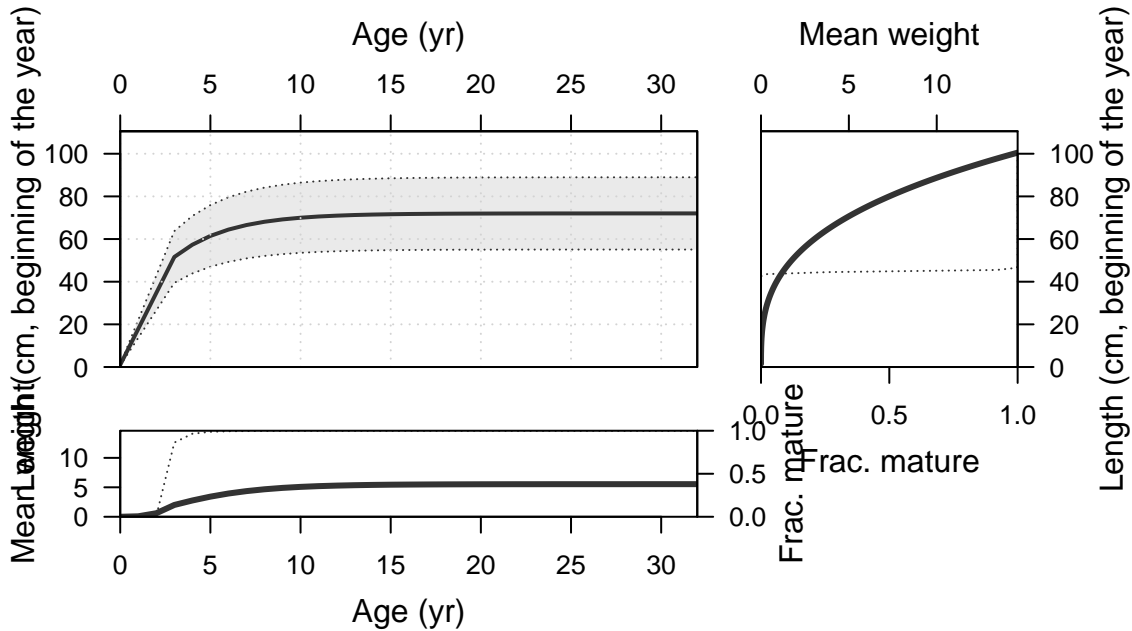


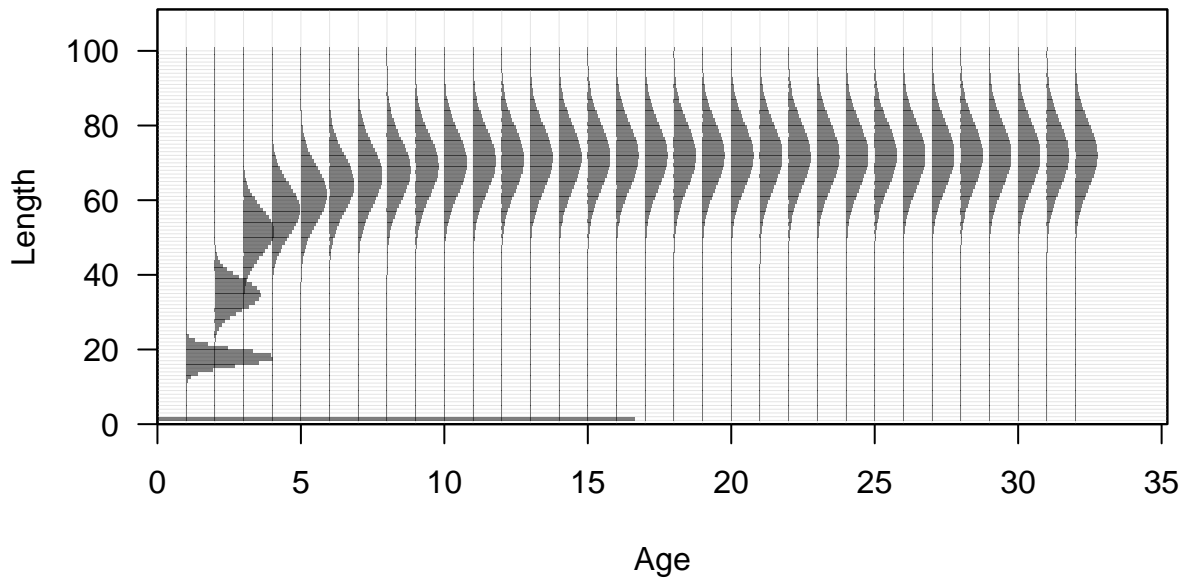
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.b
StartTime: Fri Jun 17 13:36:20 2022
Data_File: data.ss
Control_File: control.ss

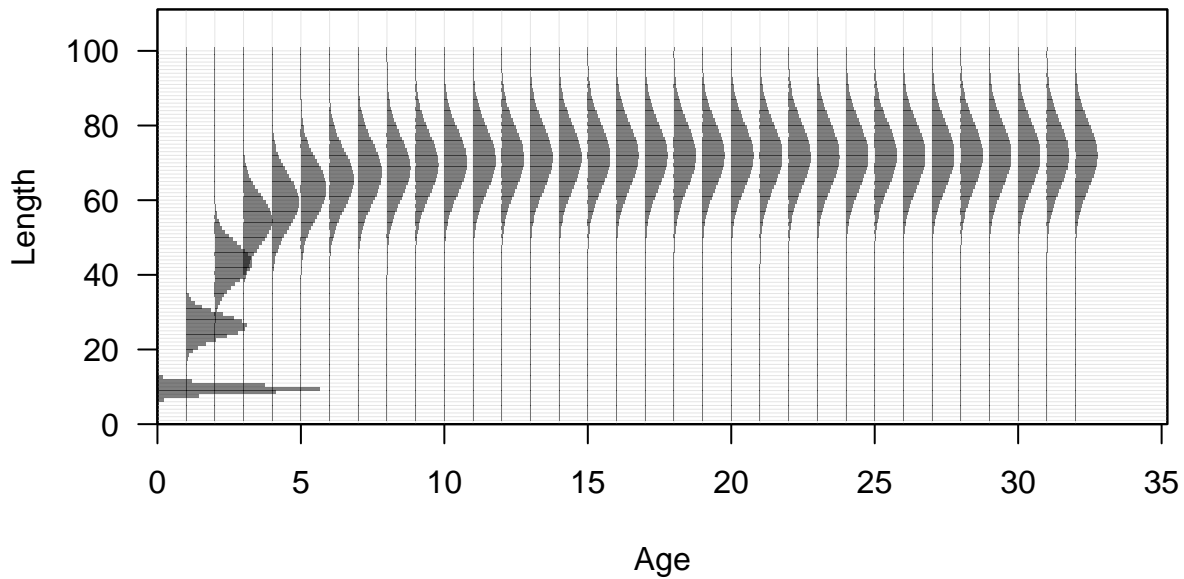
Length (cm, beginning of the year)



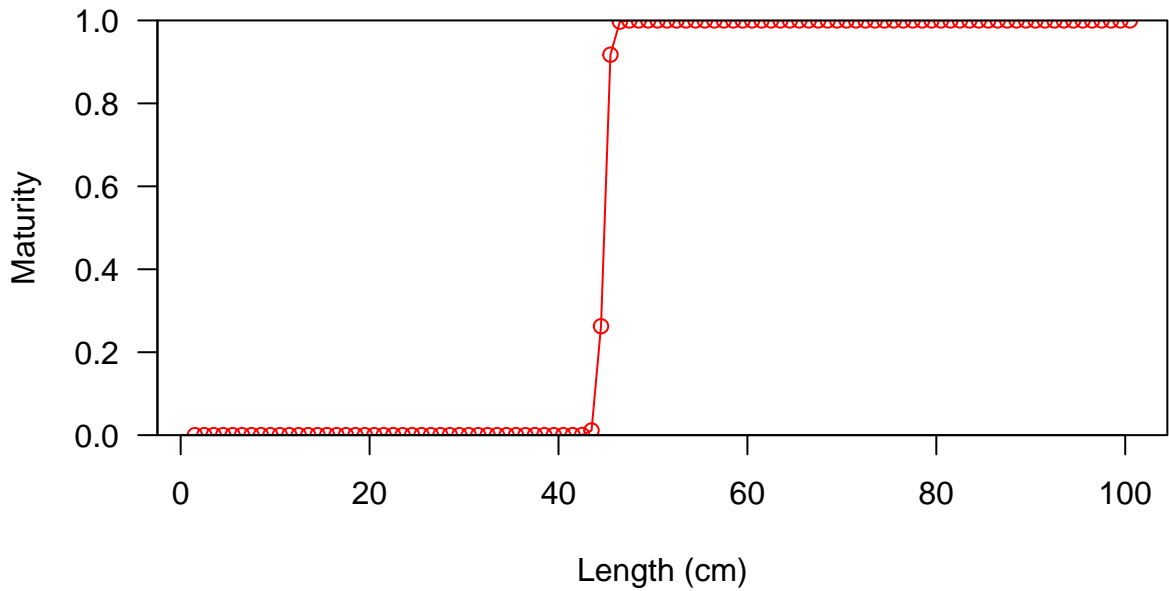










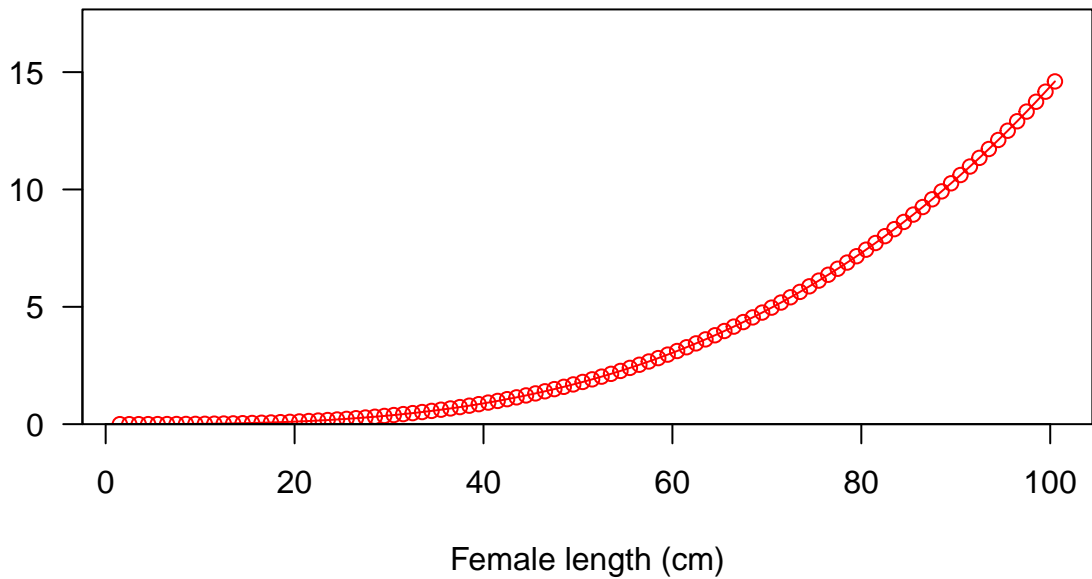




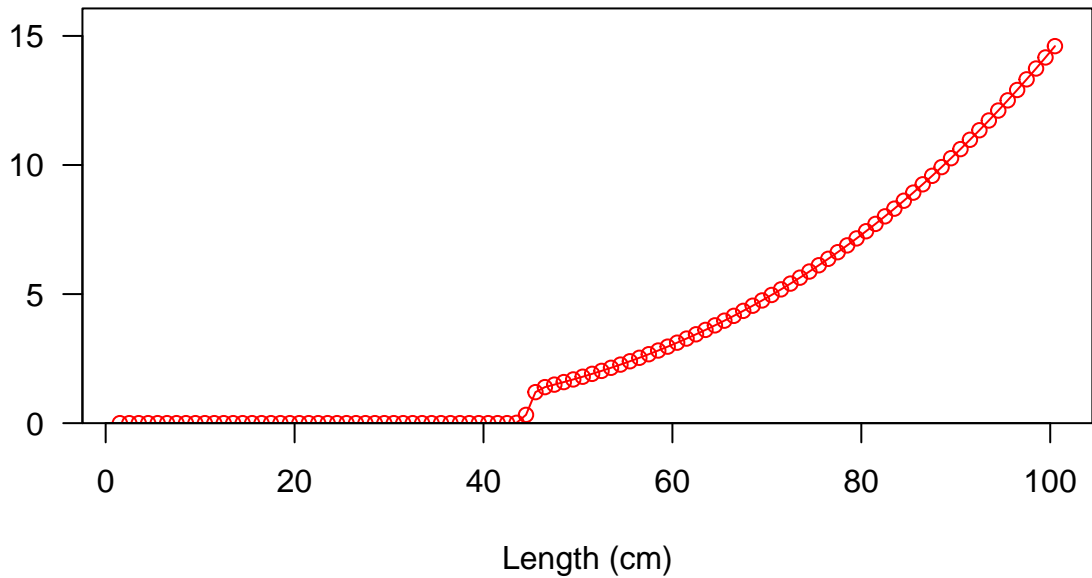
Fecundity

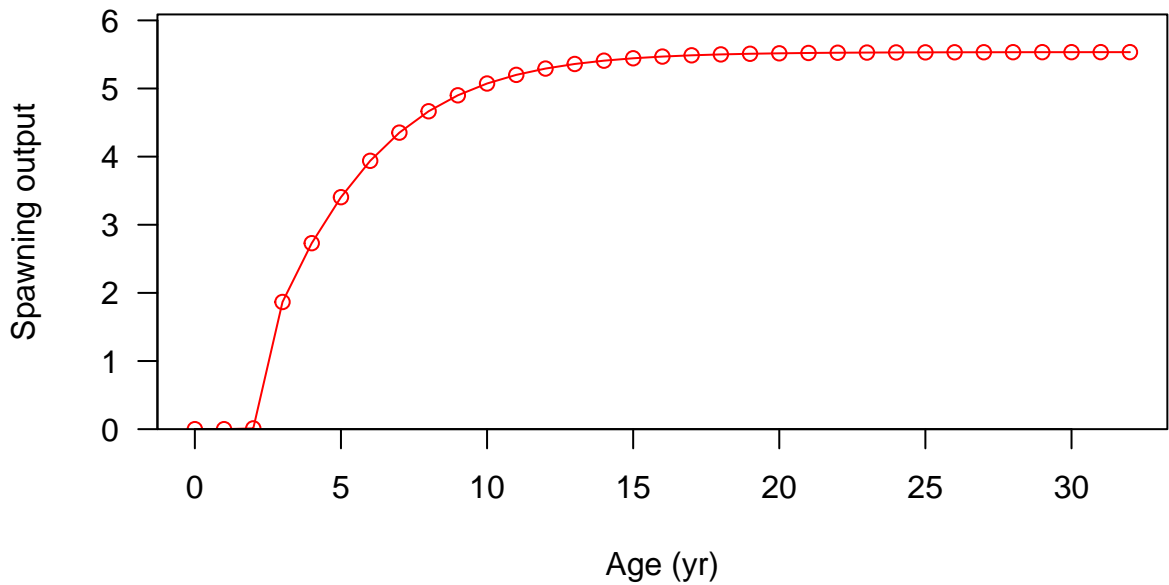


Fecundity

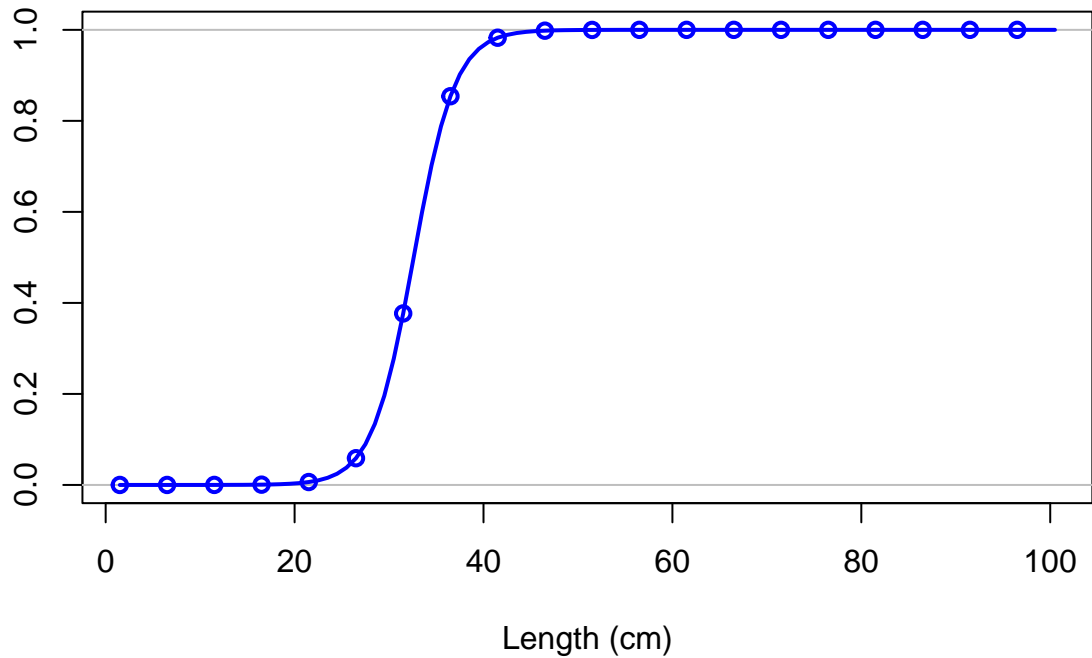


Spawning output

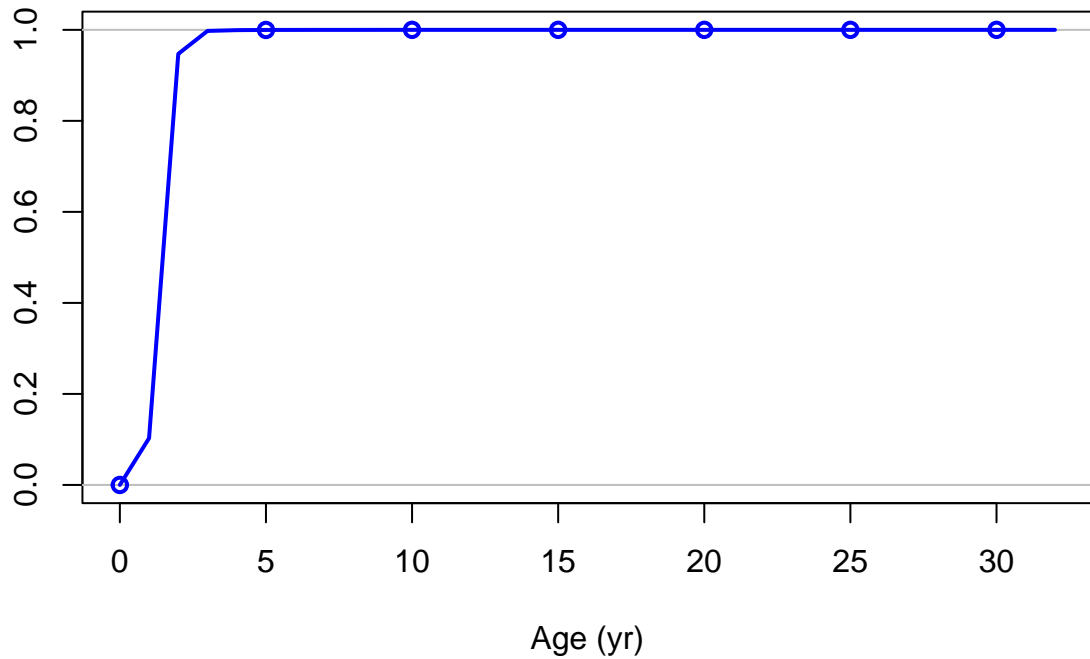




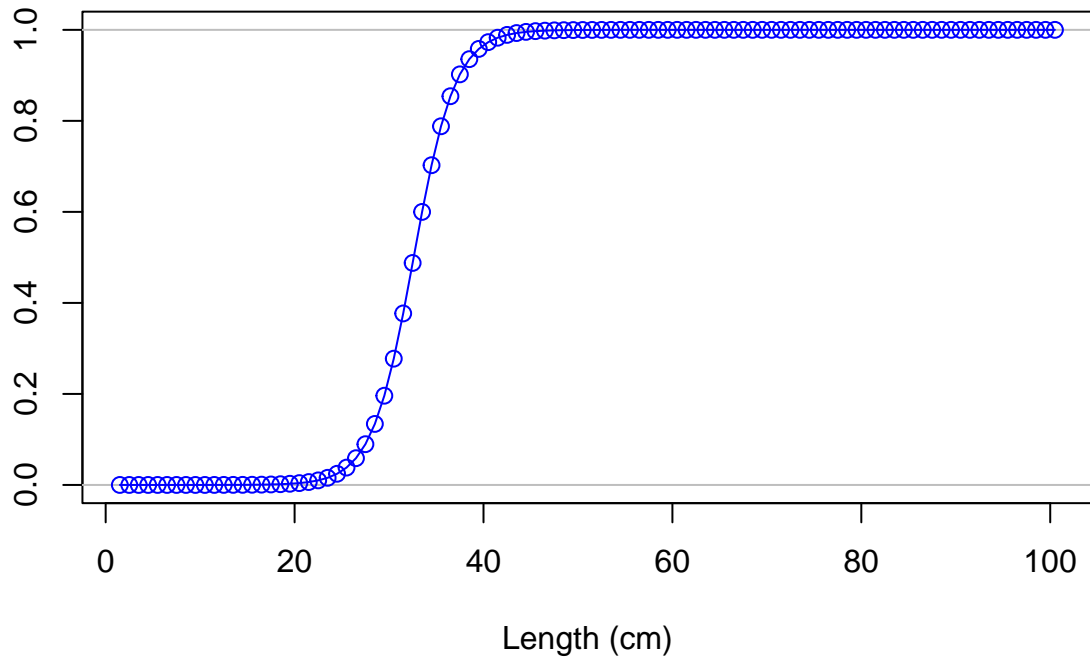
Selectivity

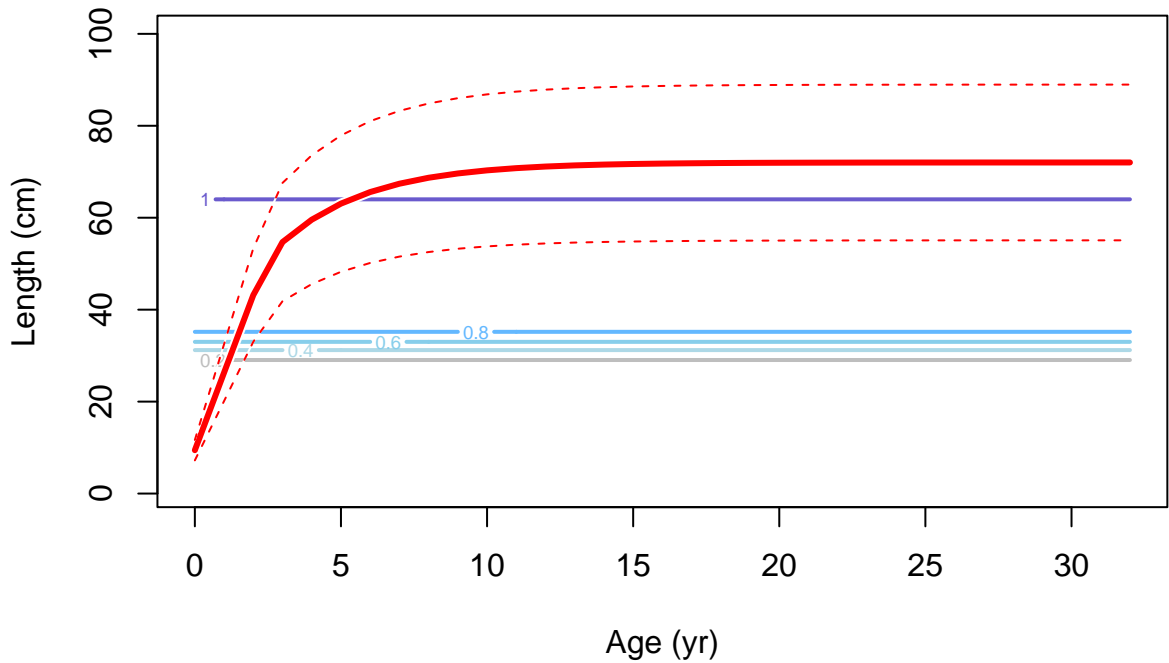


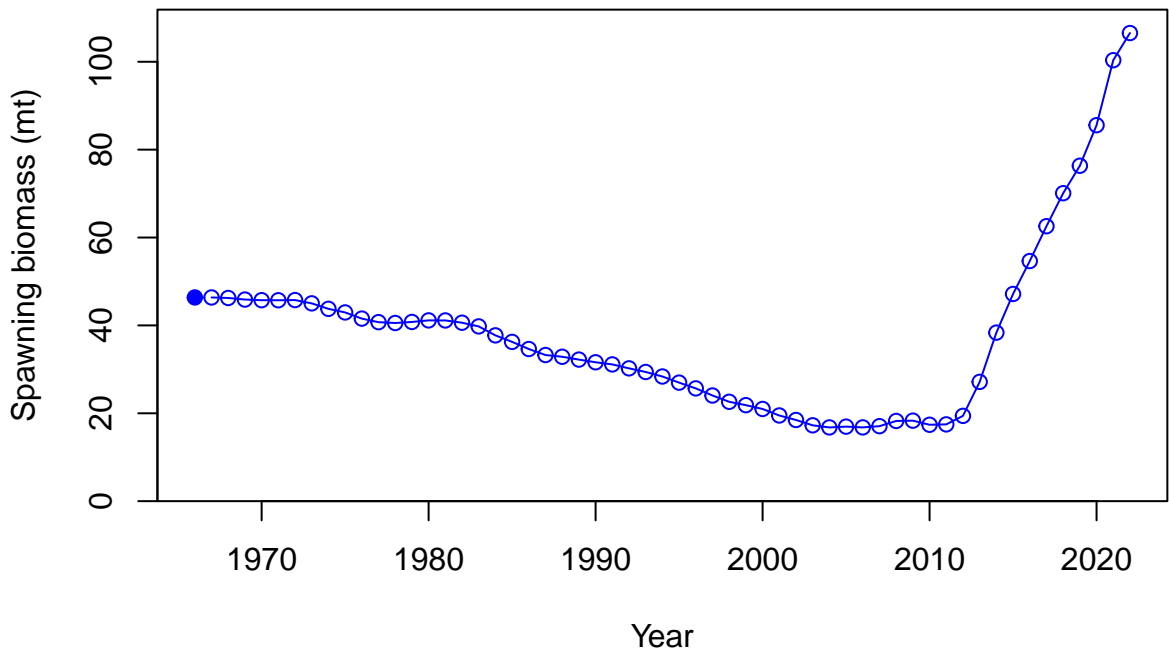
Selectivity

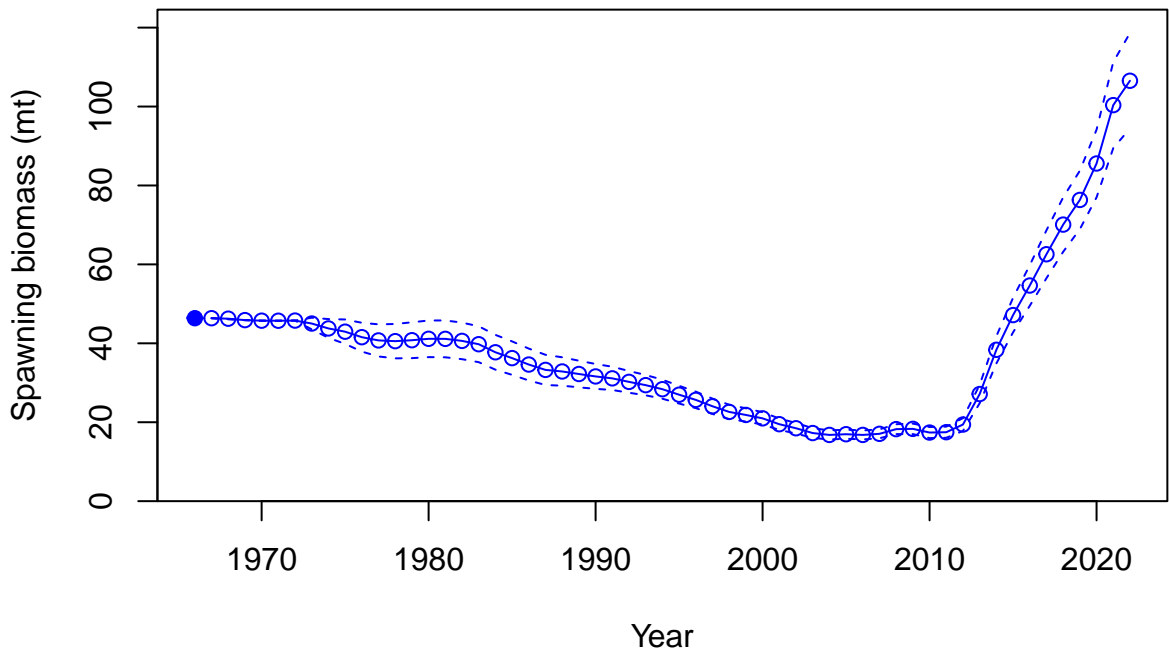


Selectivity

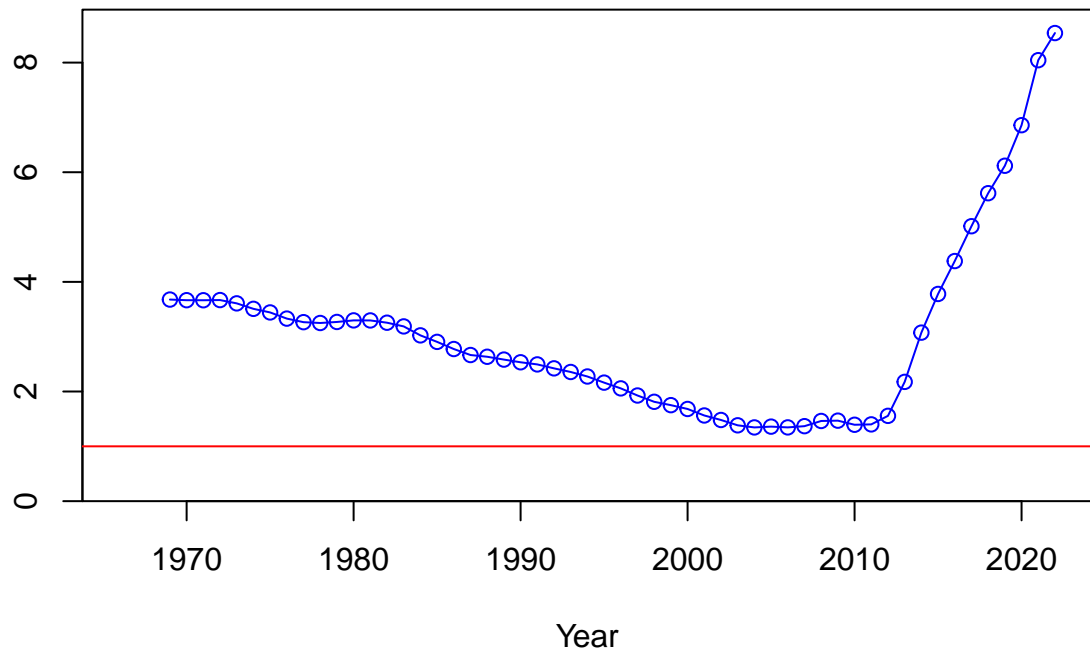




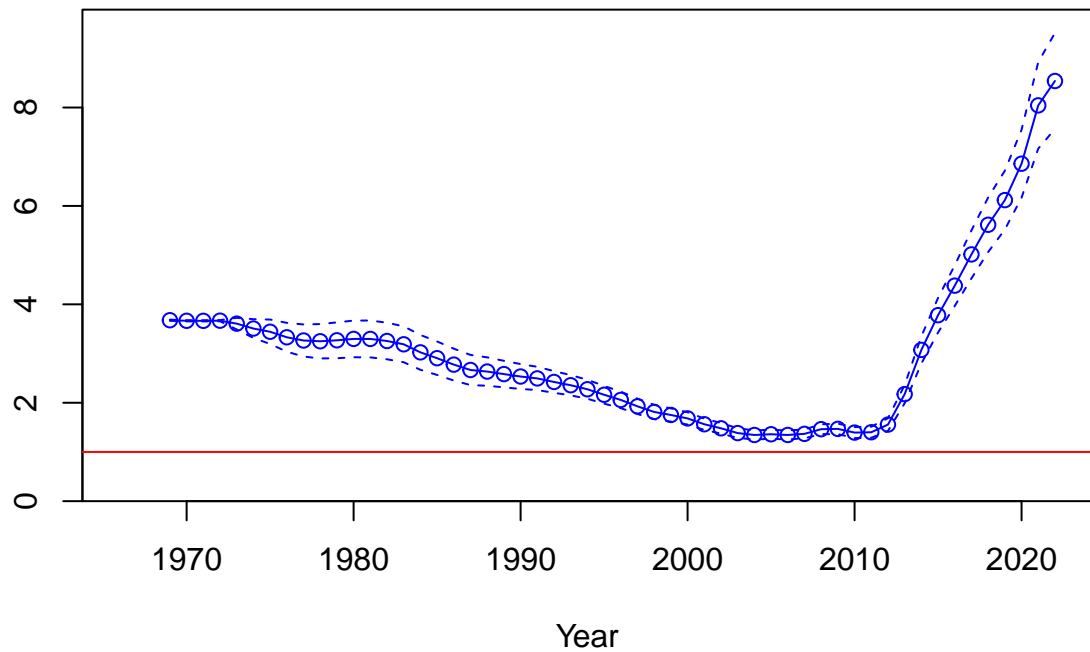


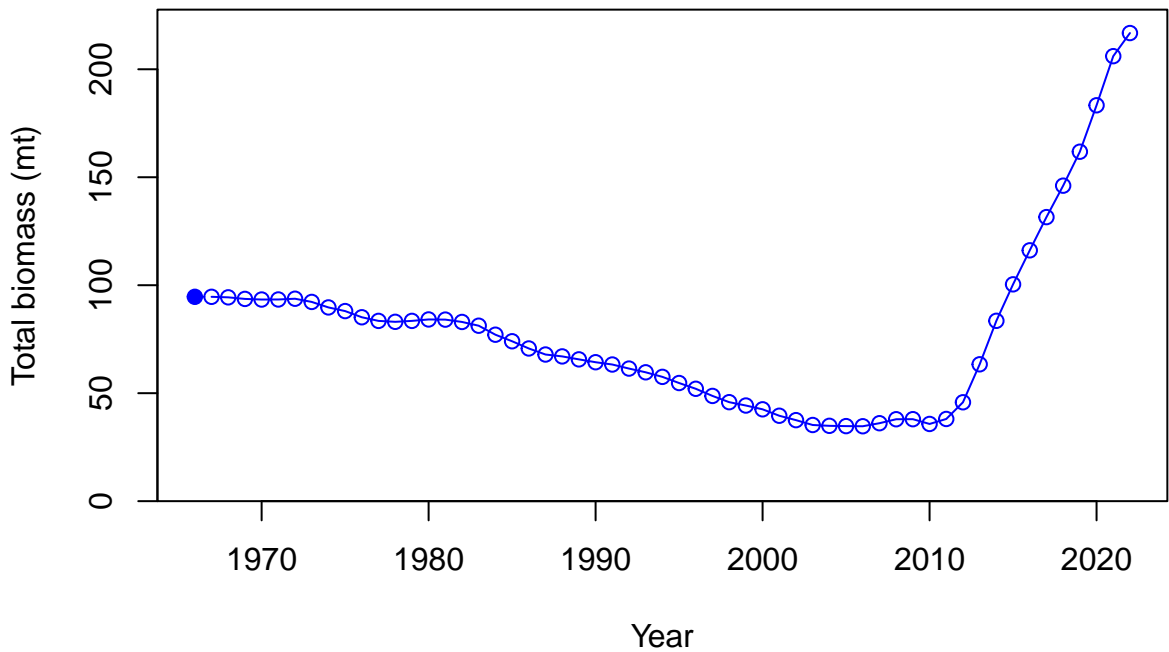


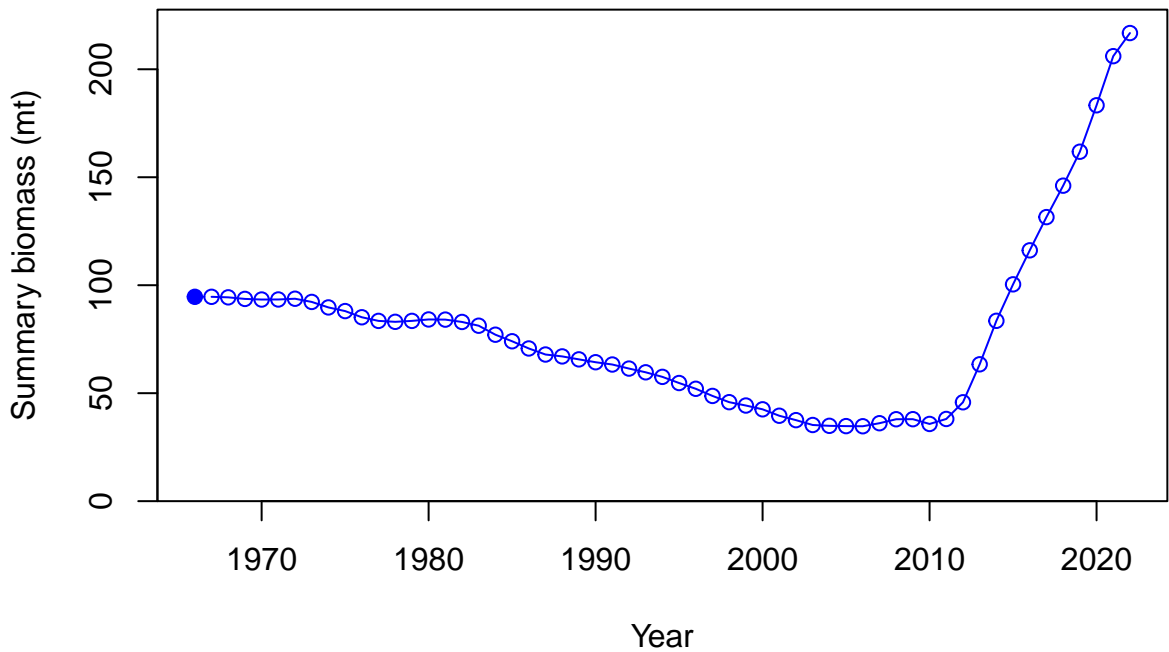
Relative spawning biomass: B/B_{MSY}



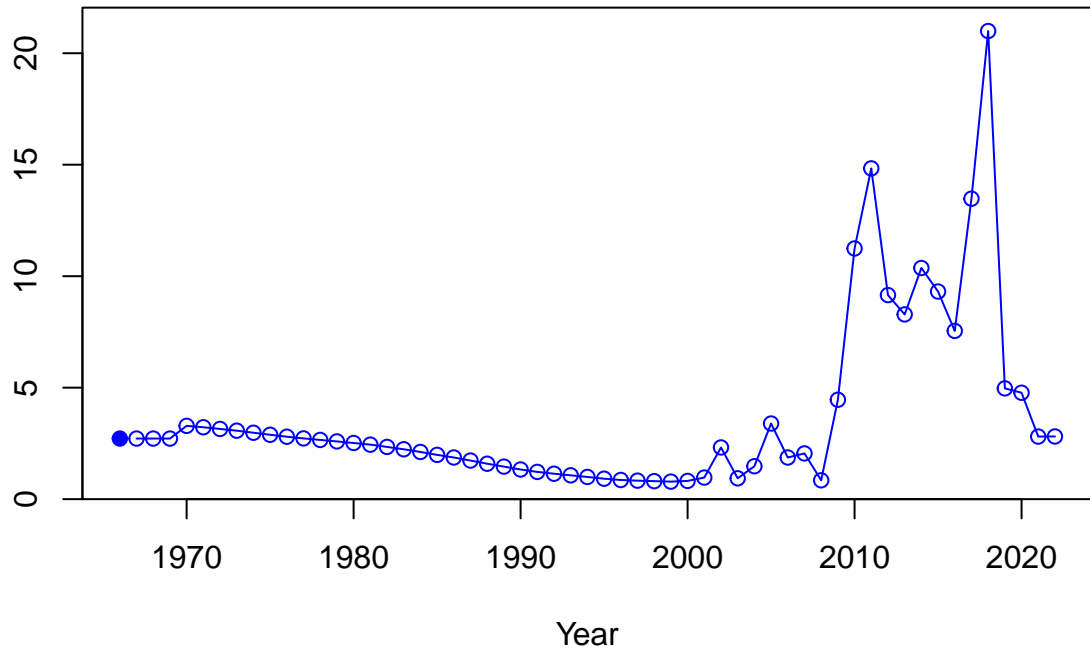
Relative spawning biomass: B/B_{MSY}



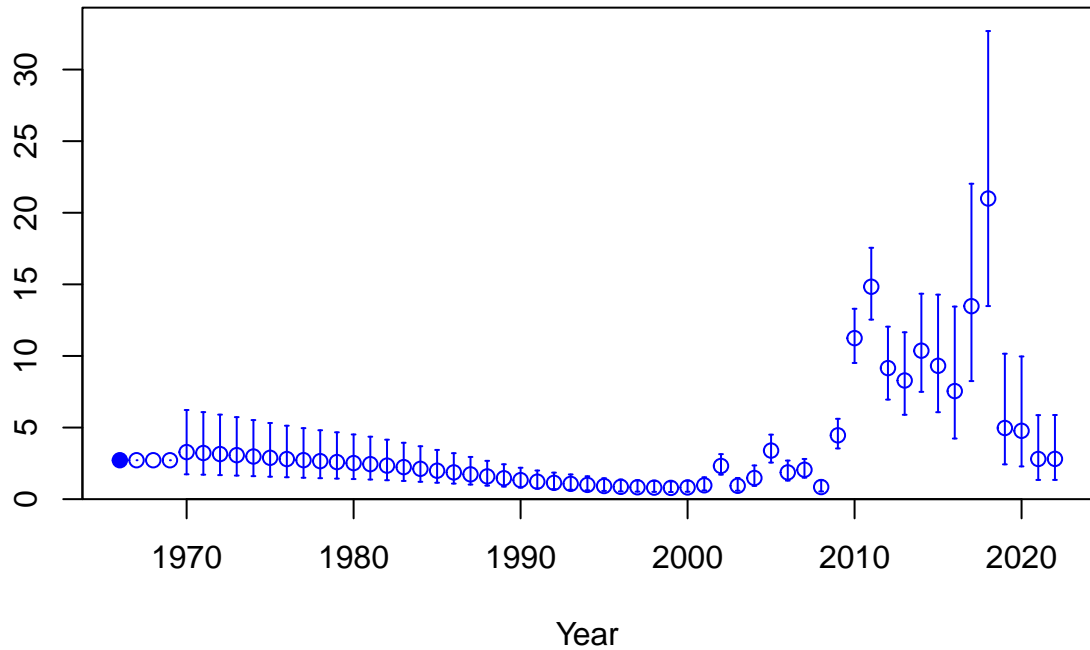




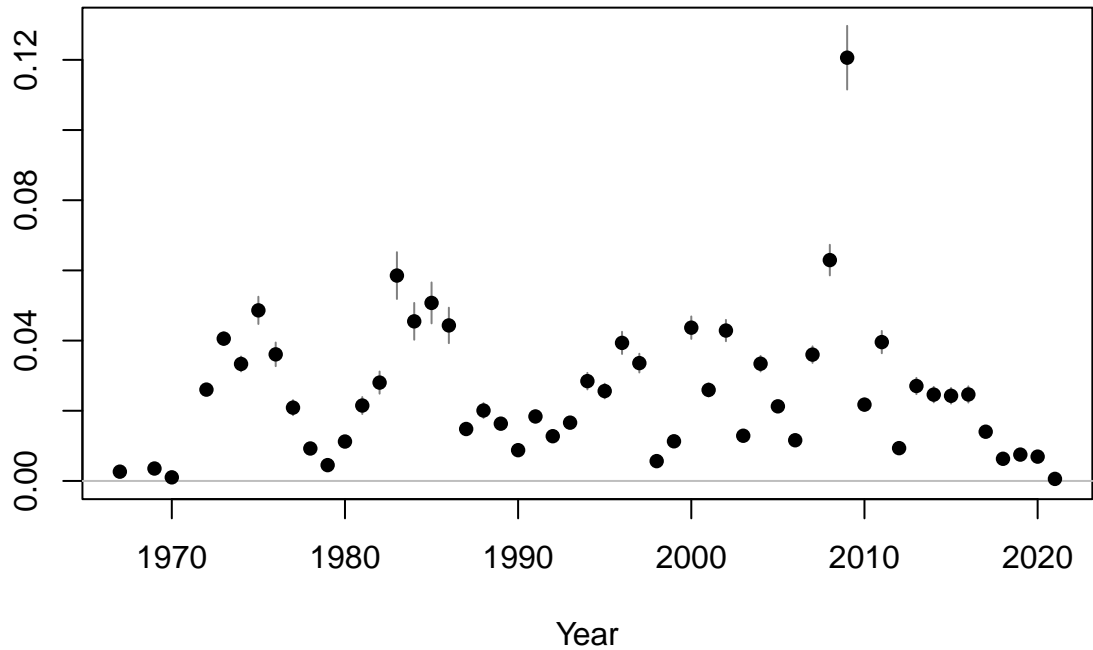
Age-0 recruits (1,000s)

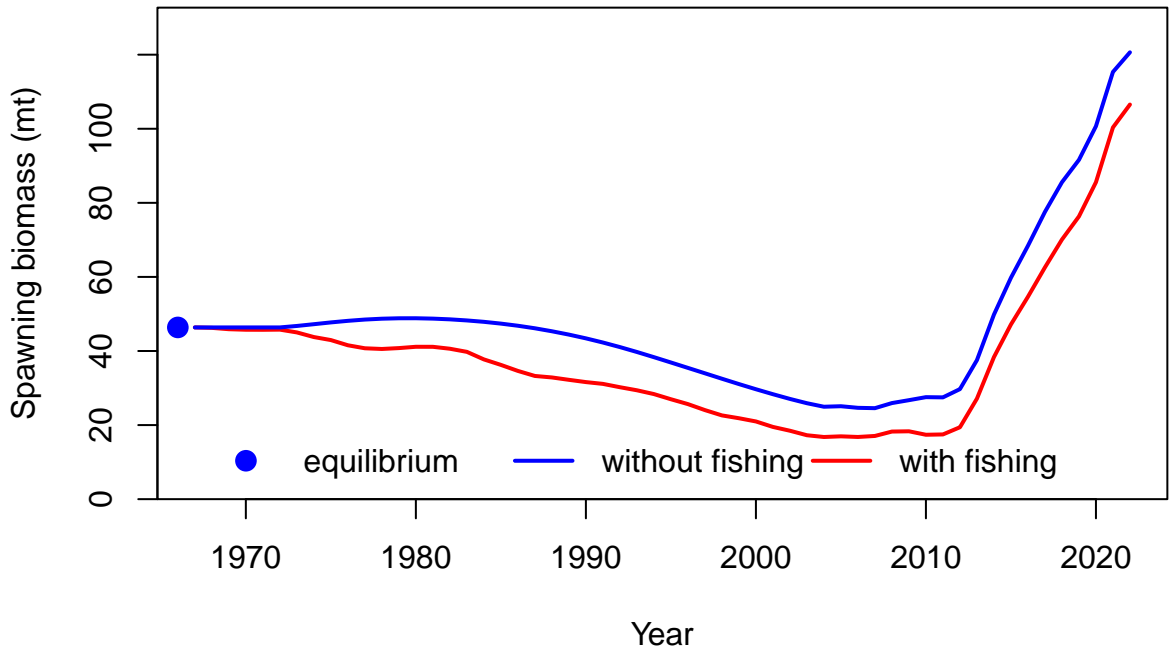


Age-0 recruits (1,000s)

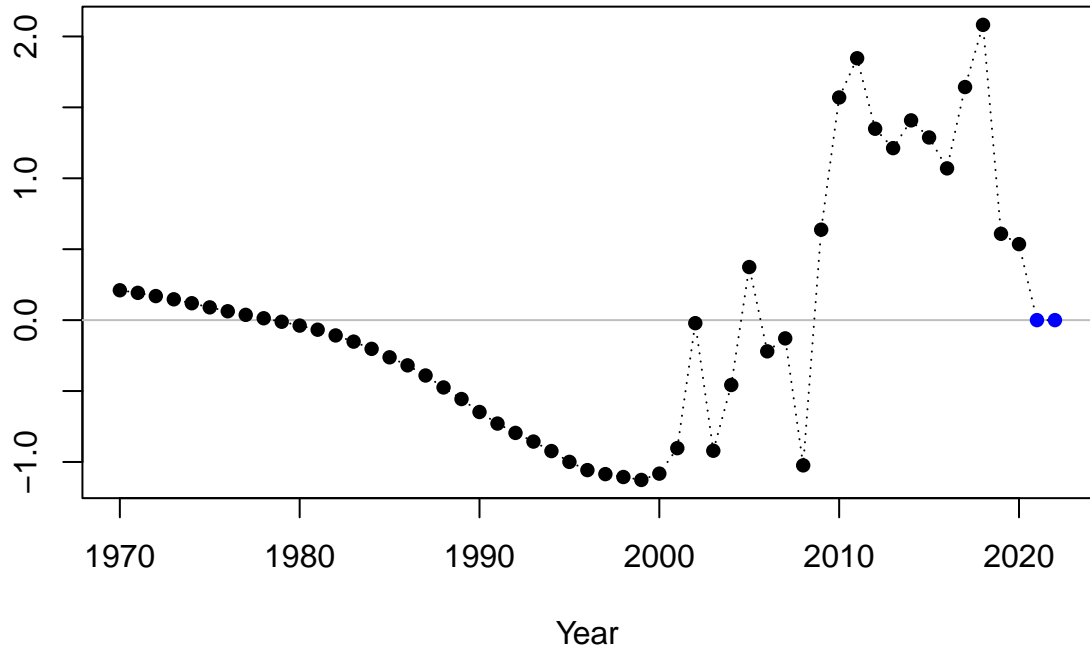


Summary Fishing Mortality



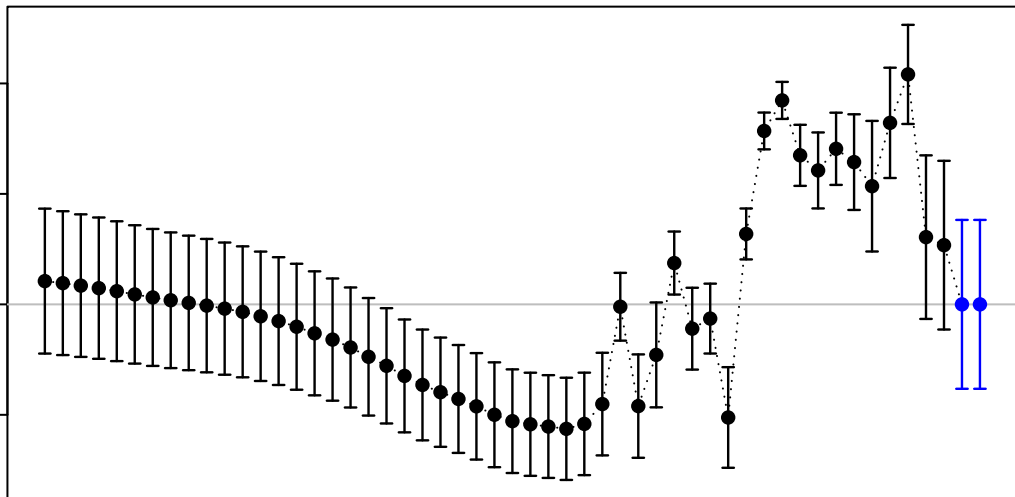


Log recruitment deviation



Log recruitment deviation

2
1
0
-1



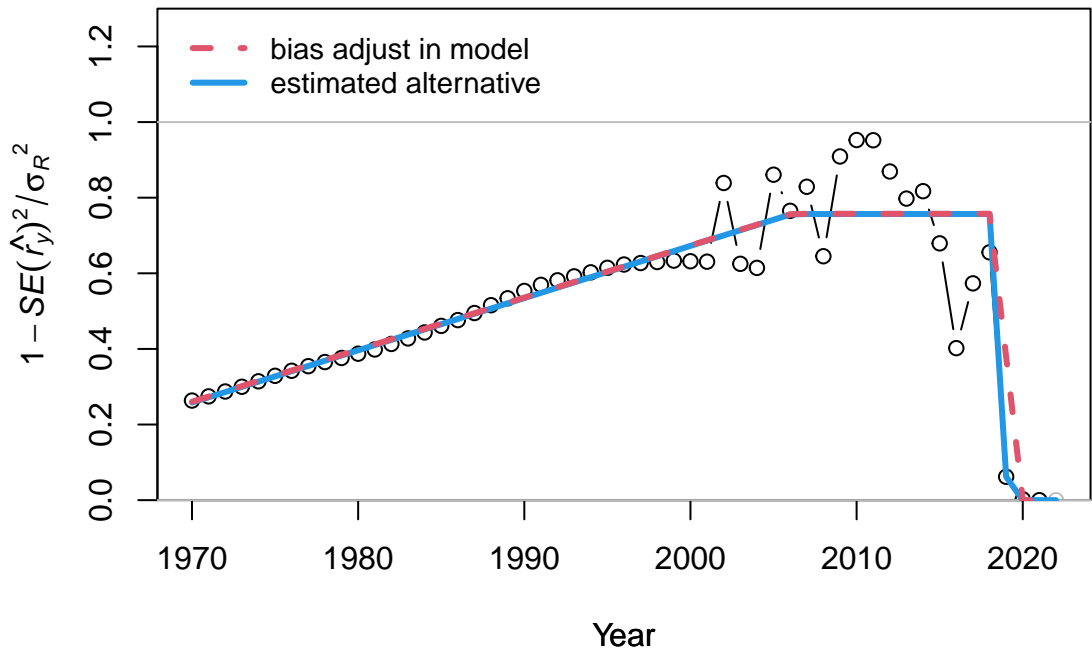
Year

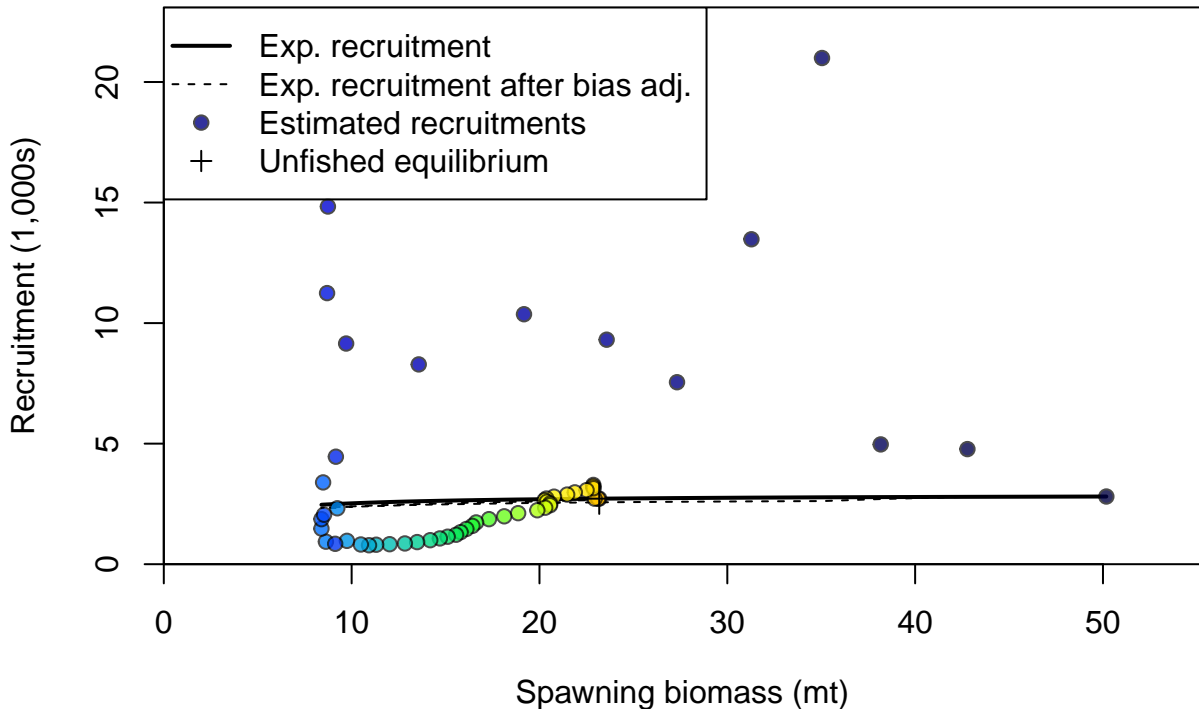
1970 1980 1990 2000 2010 2020

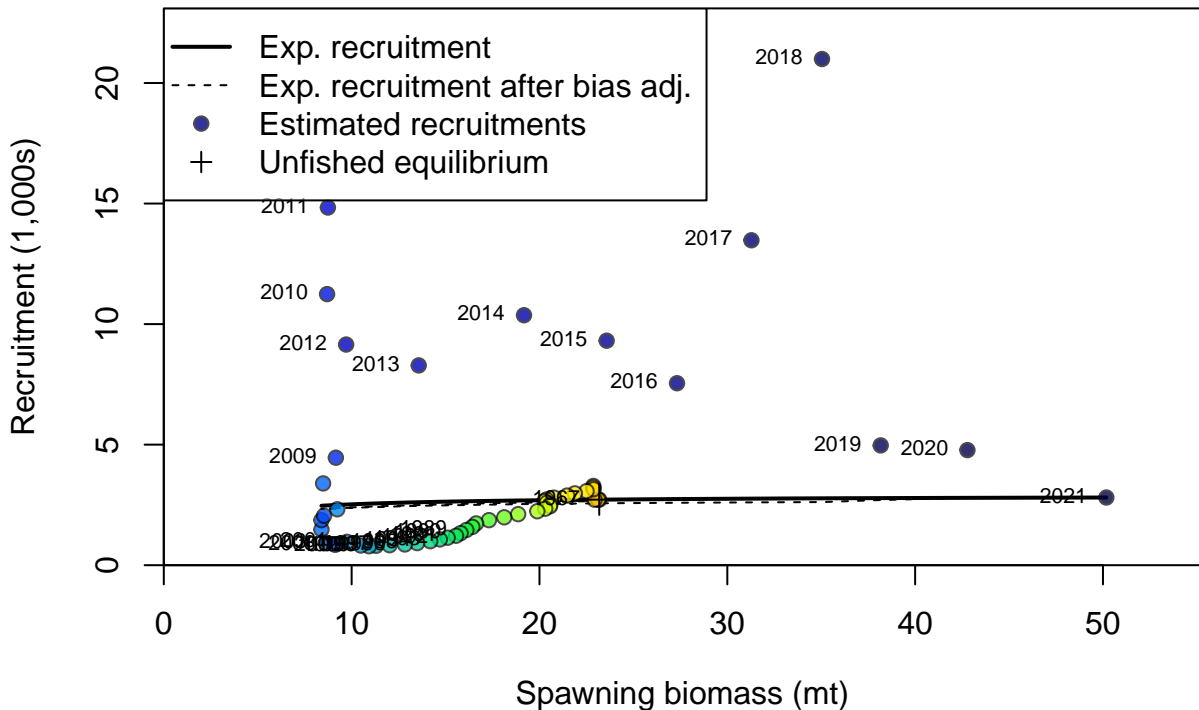
Recruitment deviation variance

Asymptotic standard error estimate

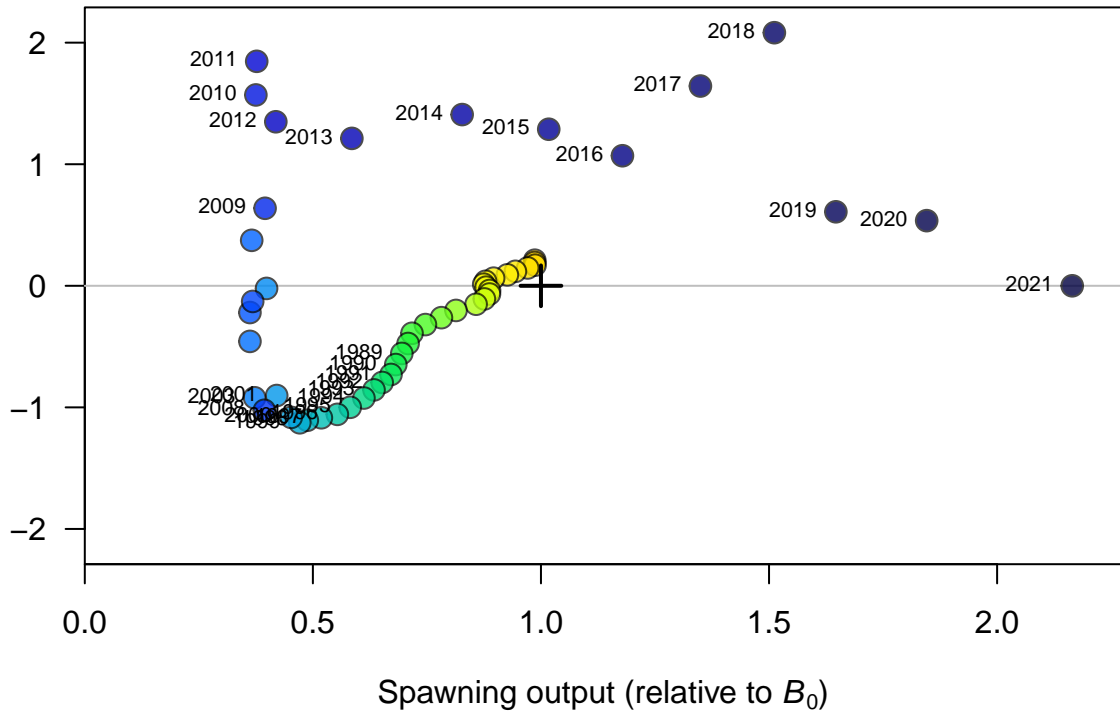


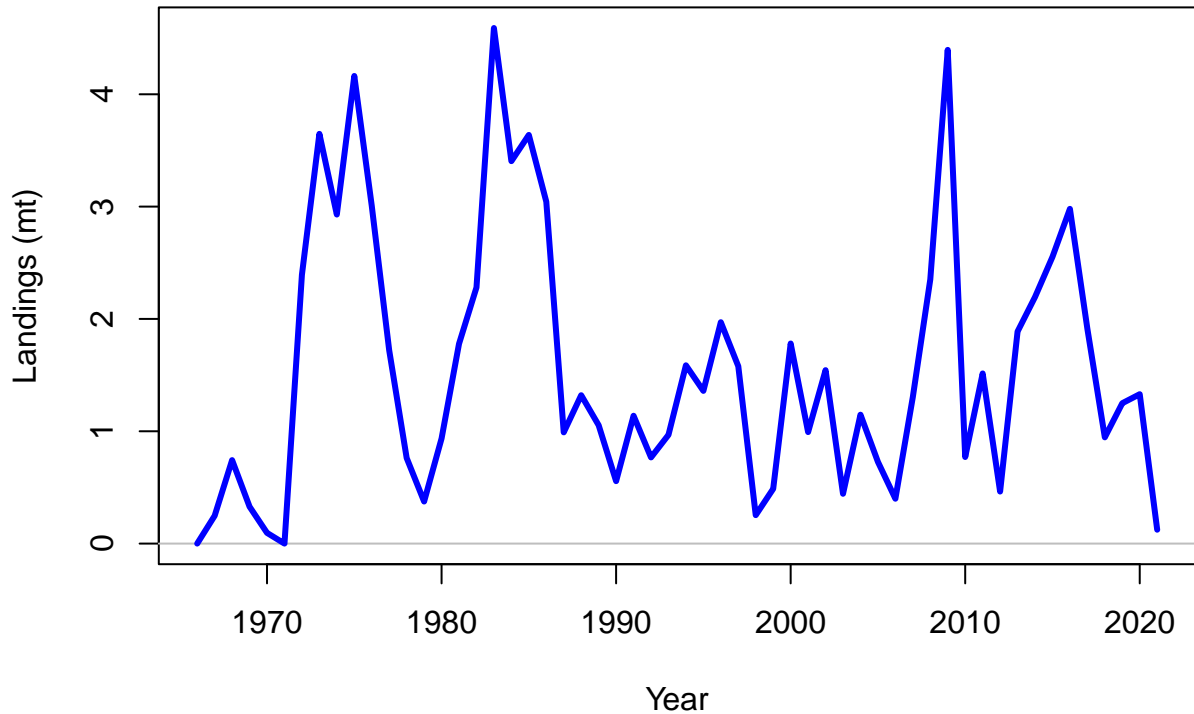


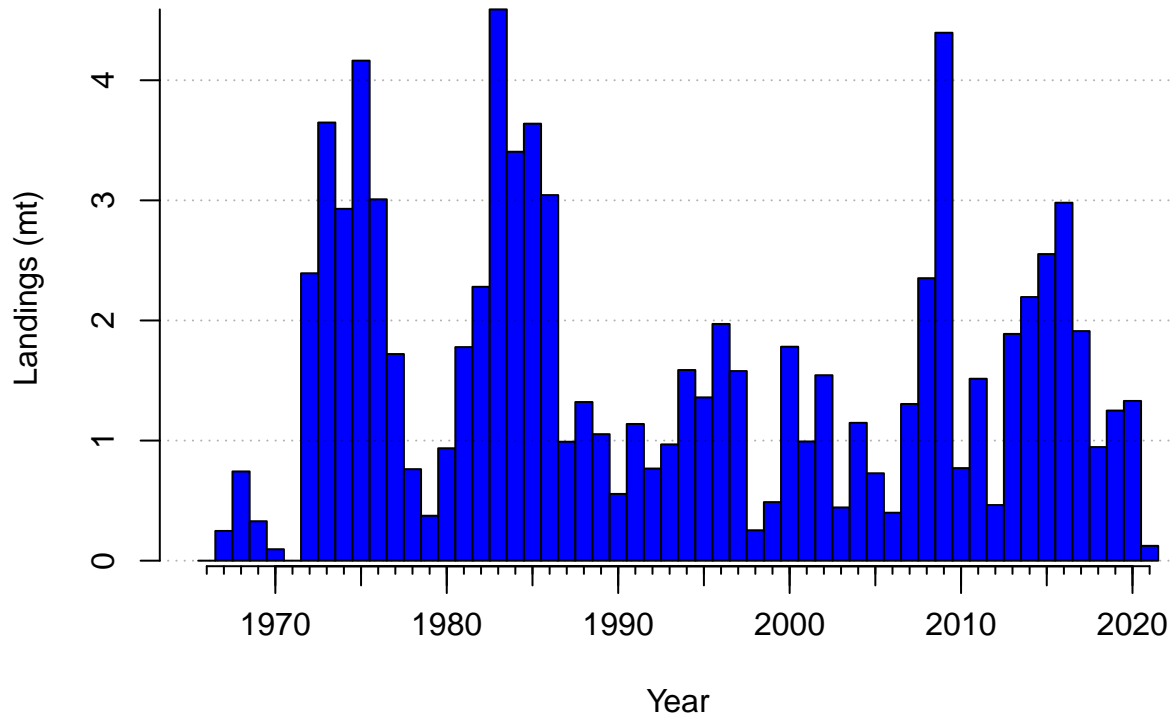


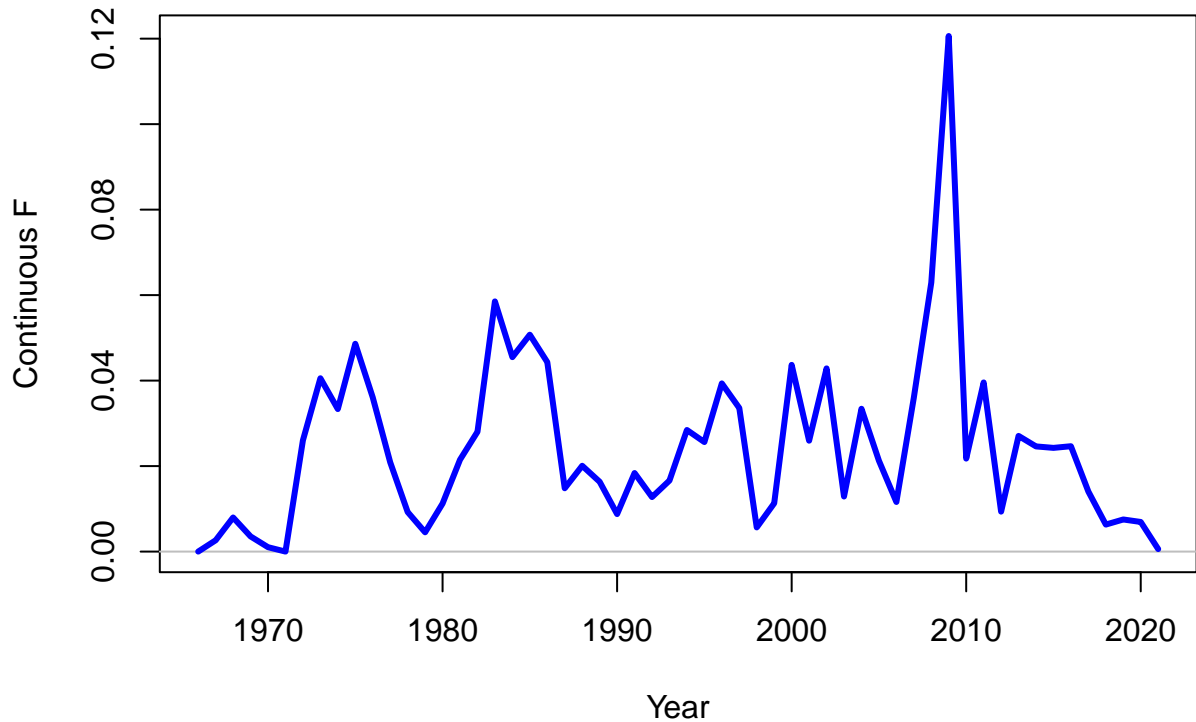


Log recruitment deviation

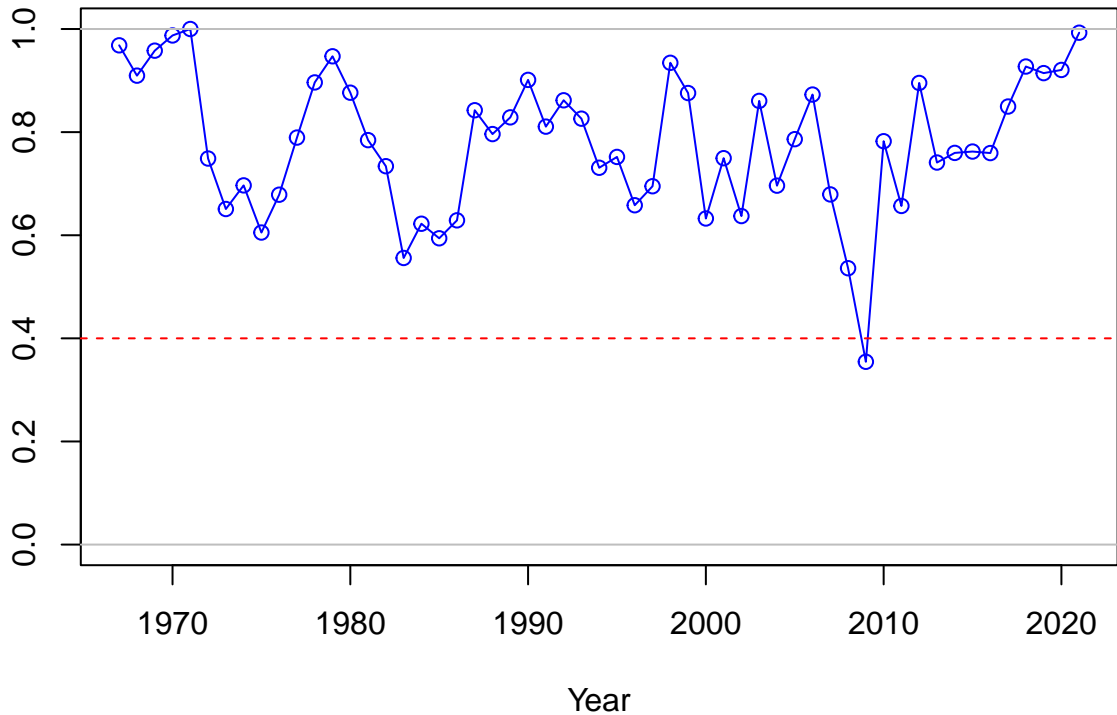




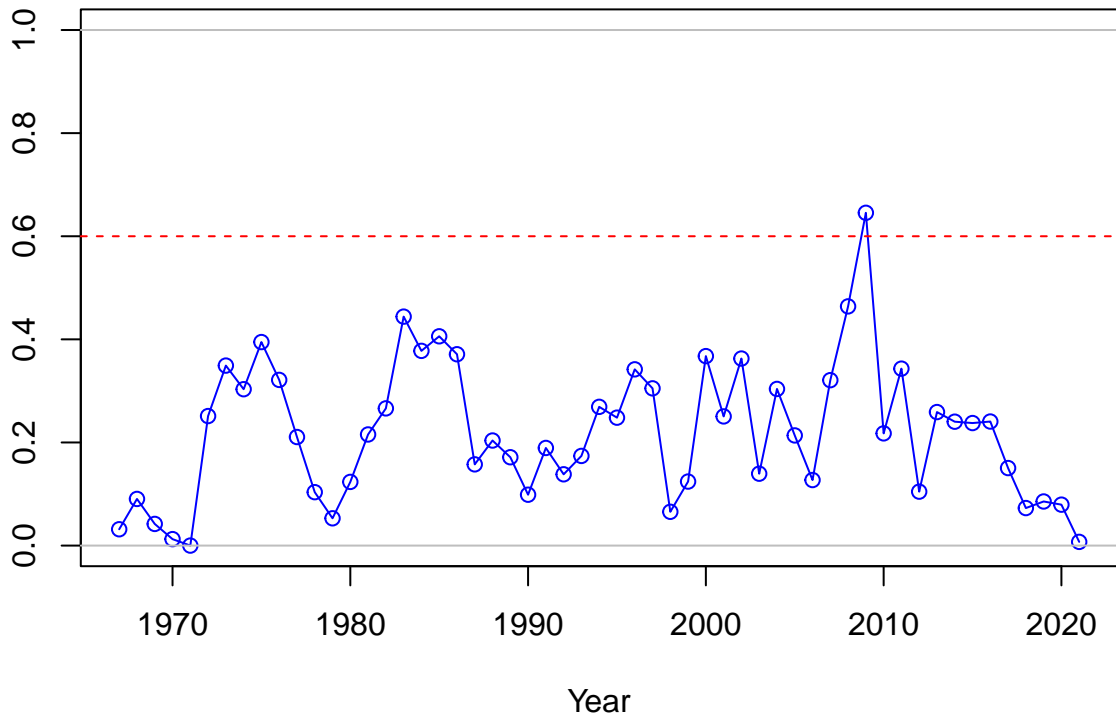




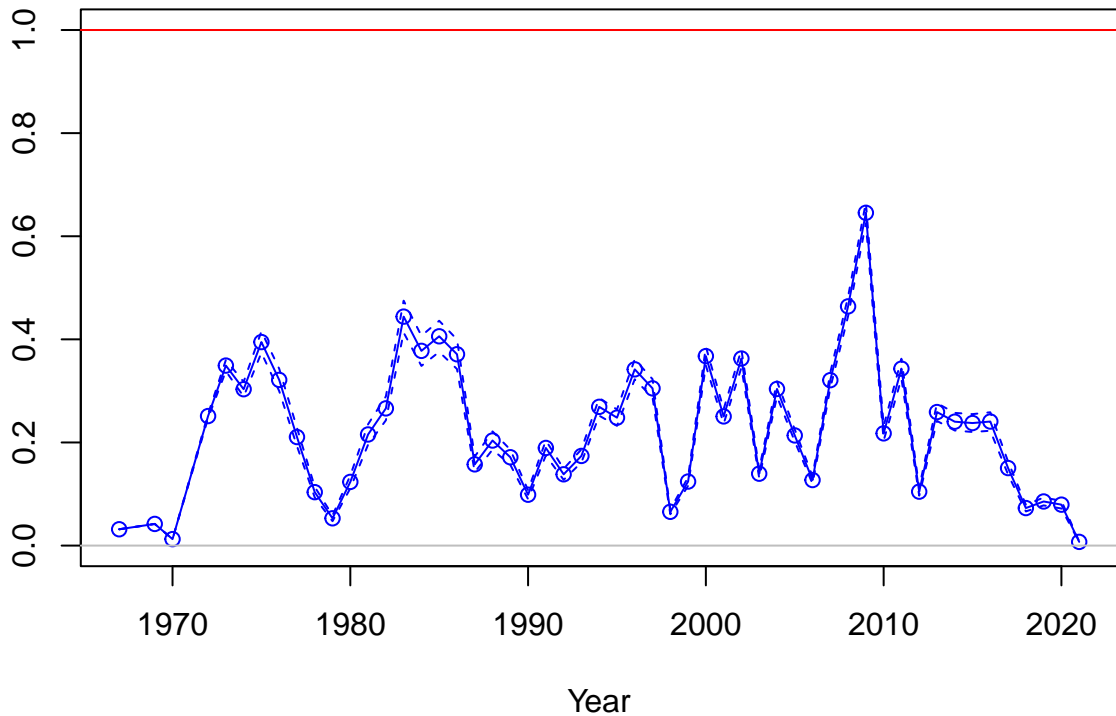
SPR



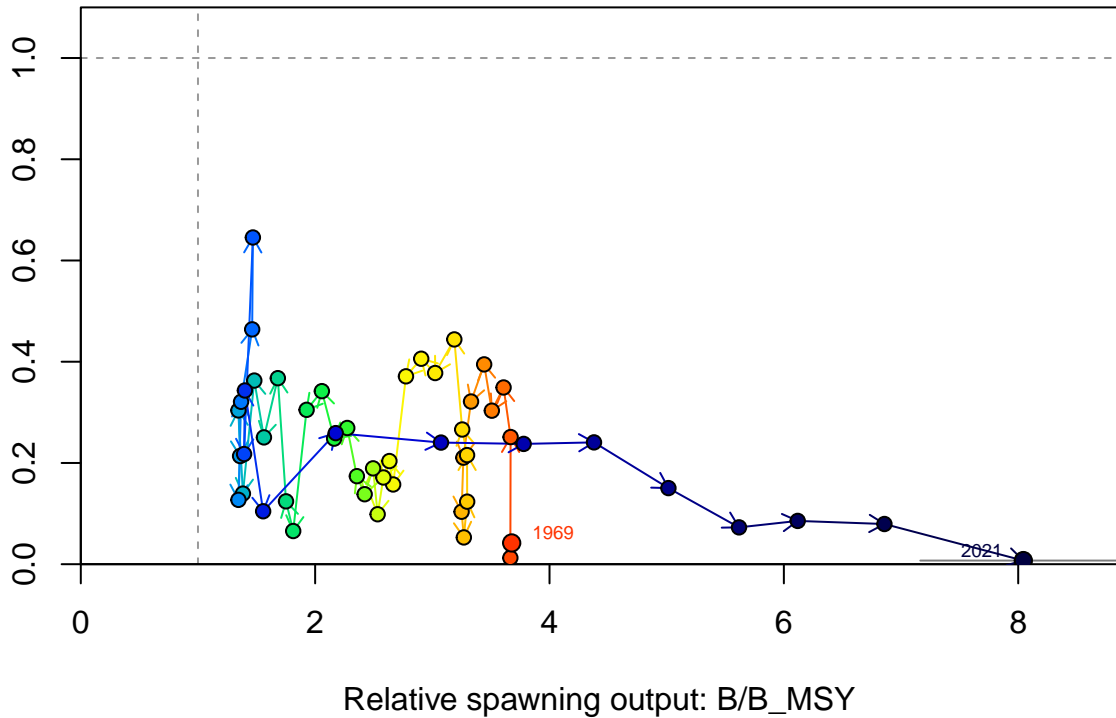
1-SPR



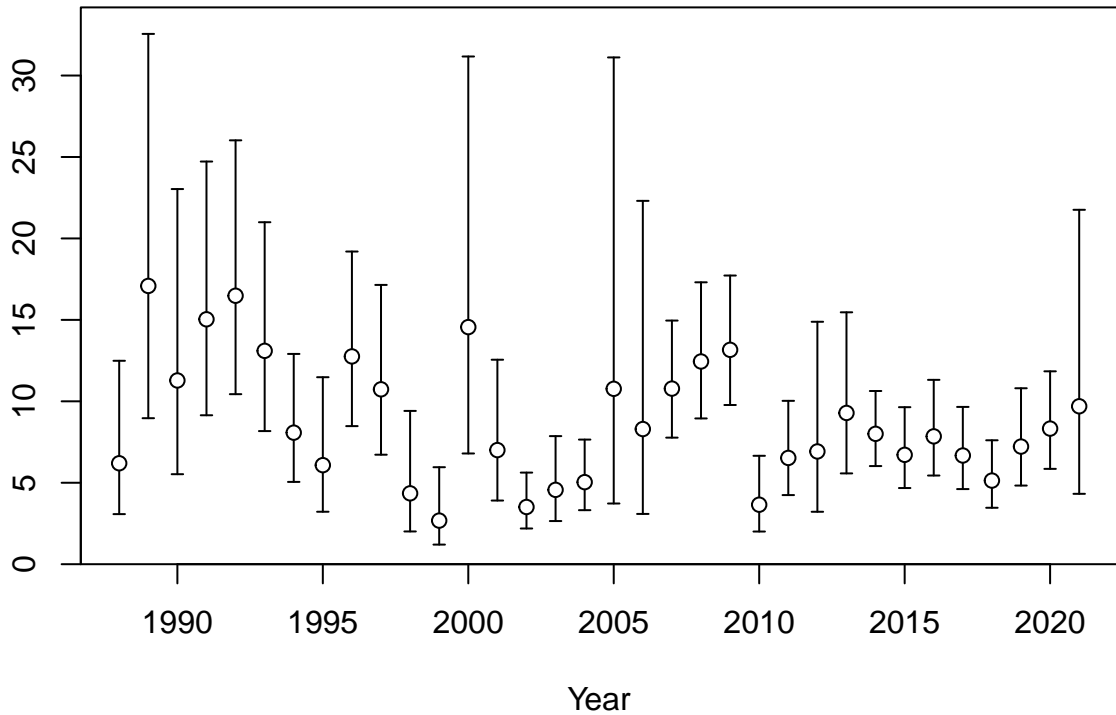
Fishing intensity: 1-SPR



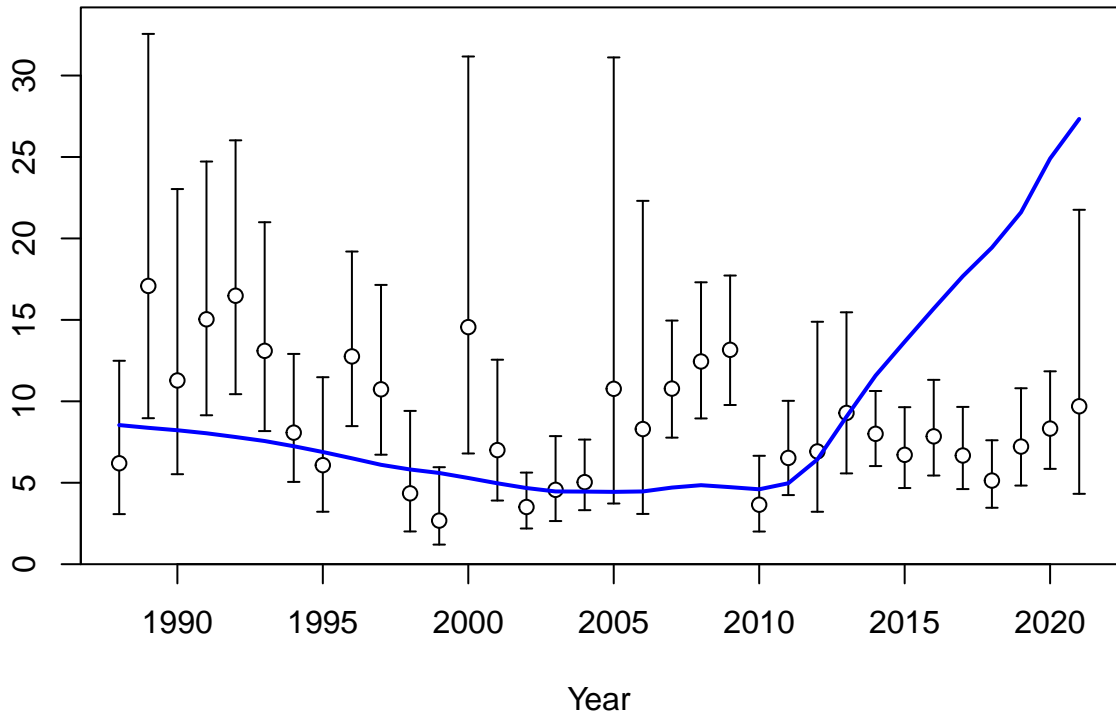
Fishing intensity: 1-SPR

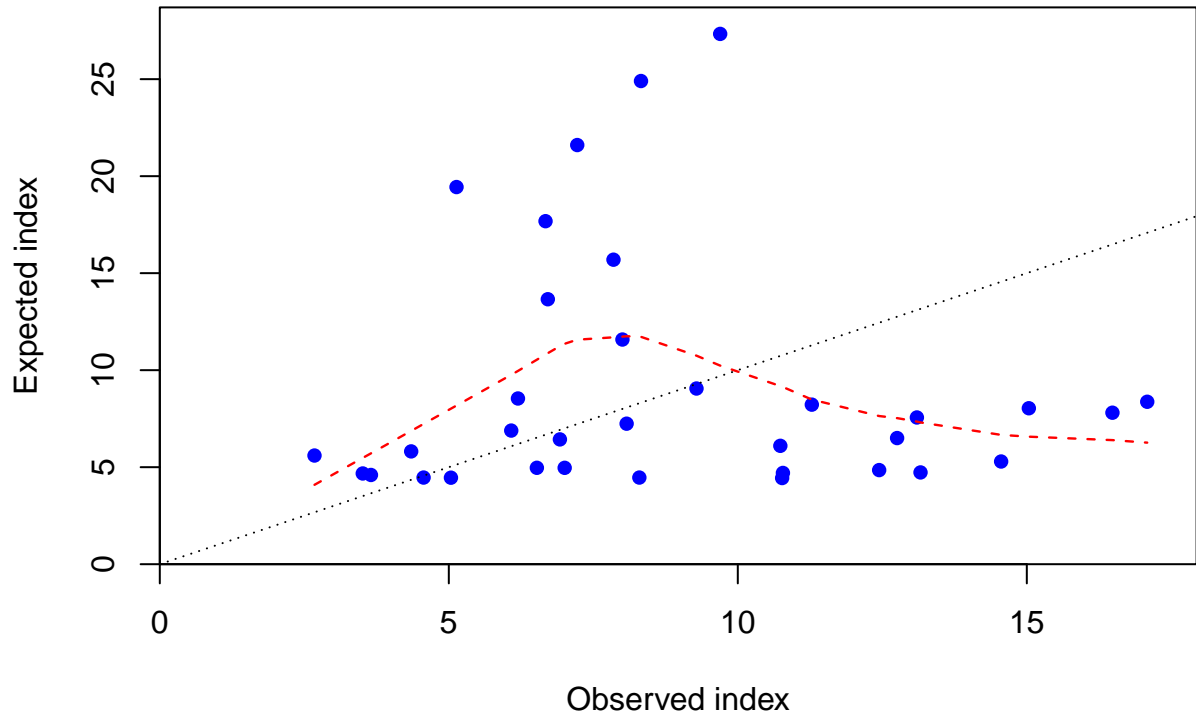


Index

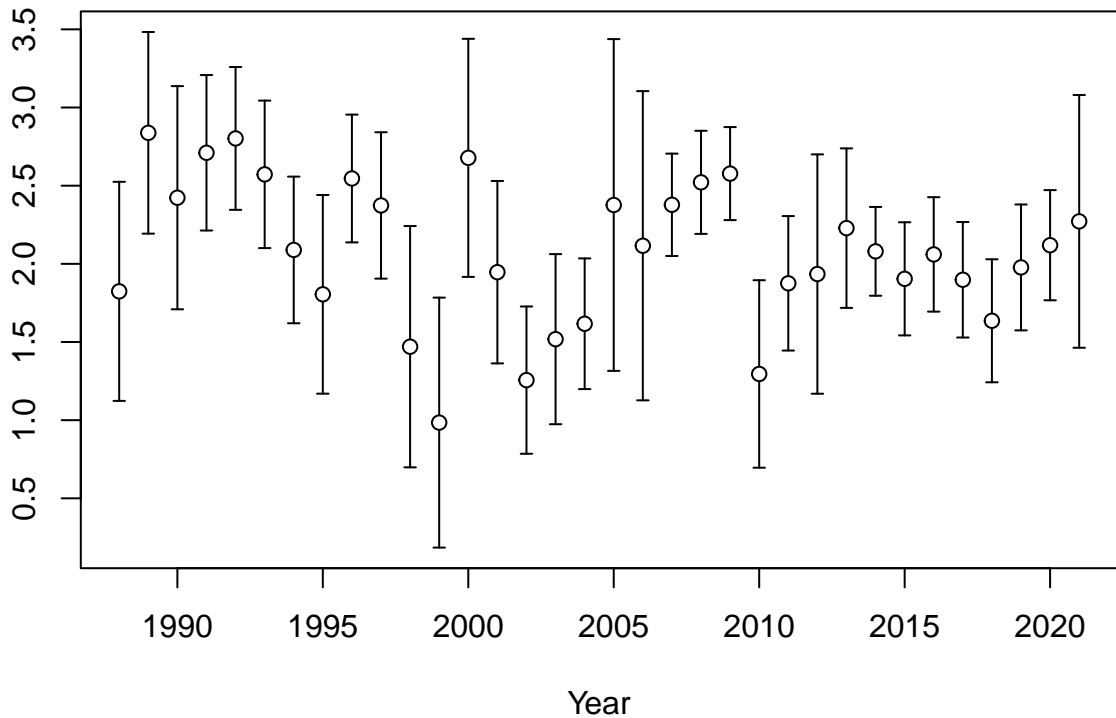


Index

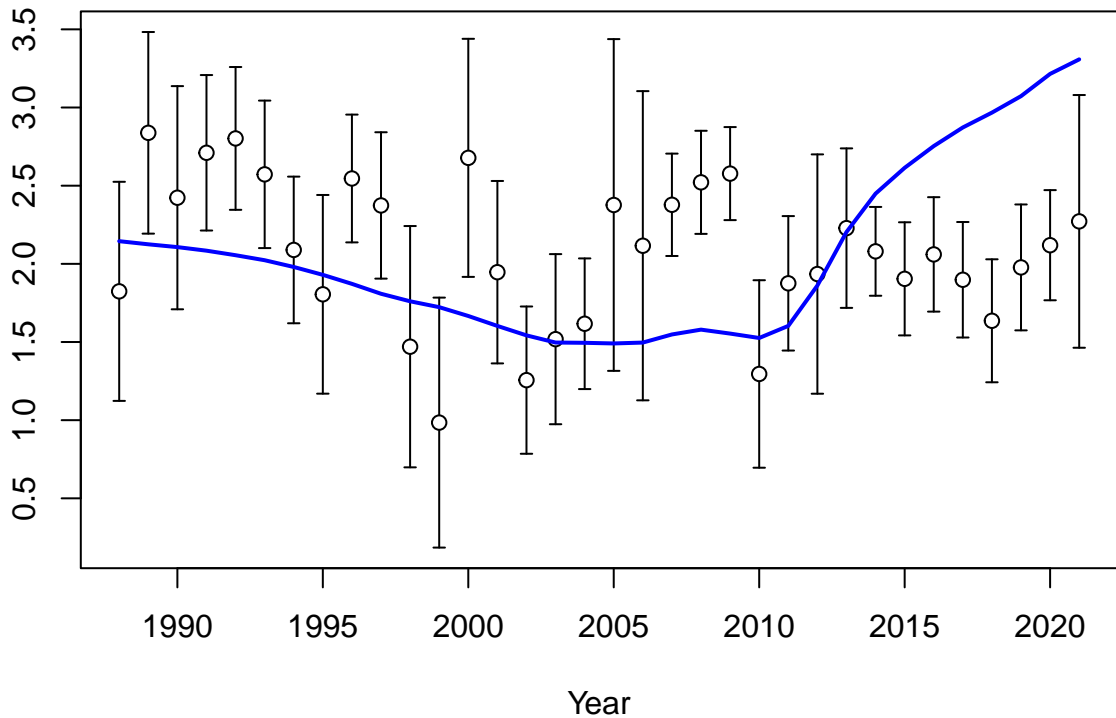


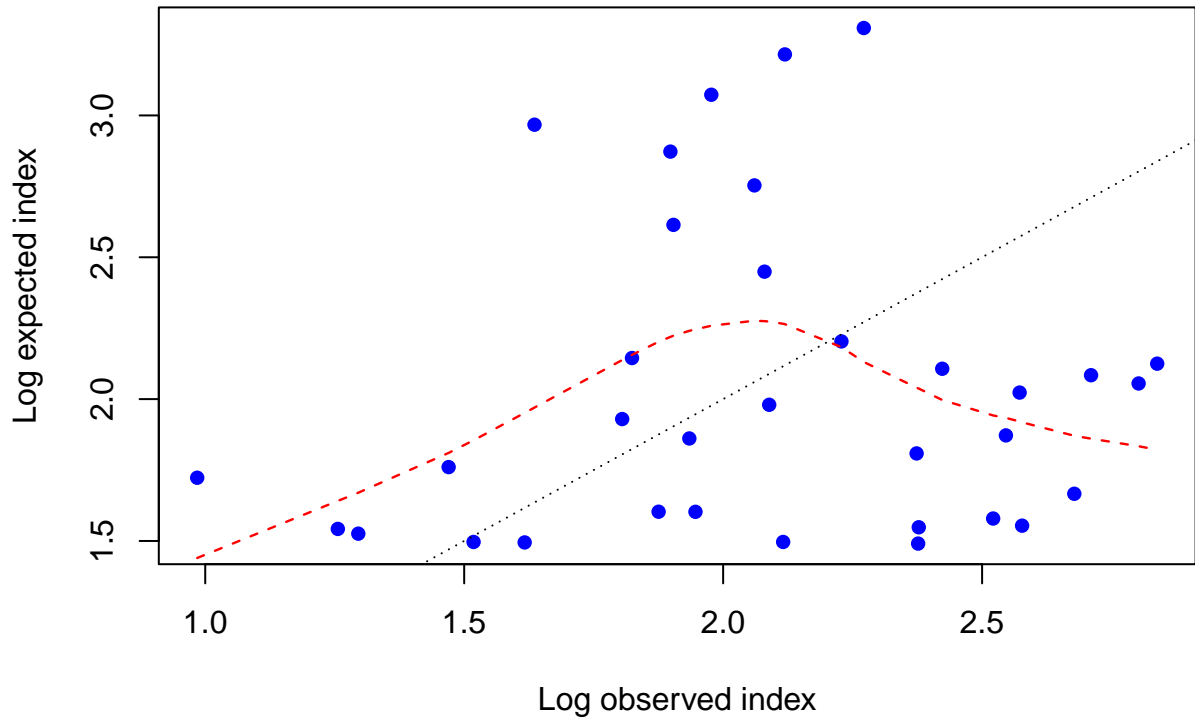


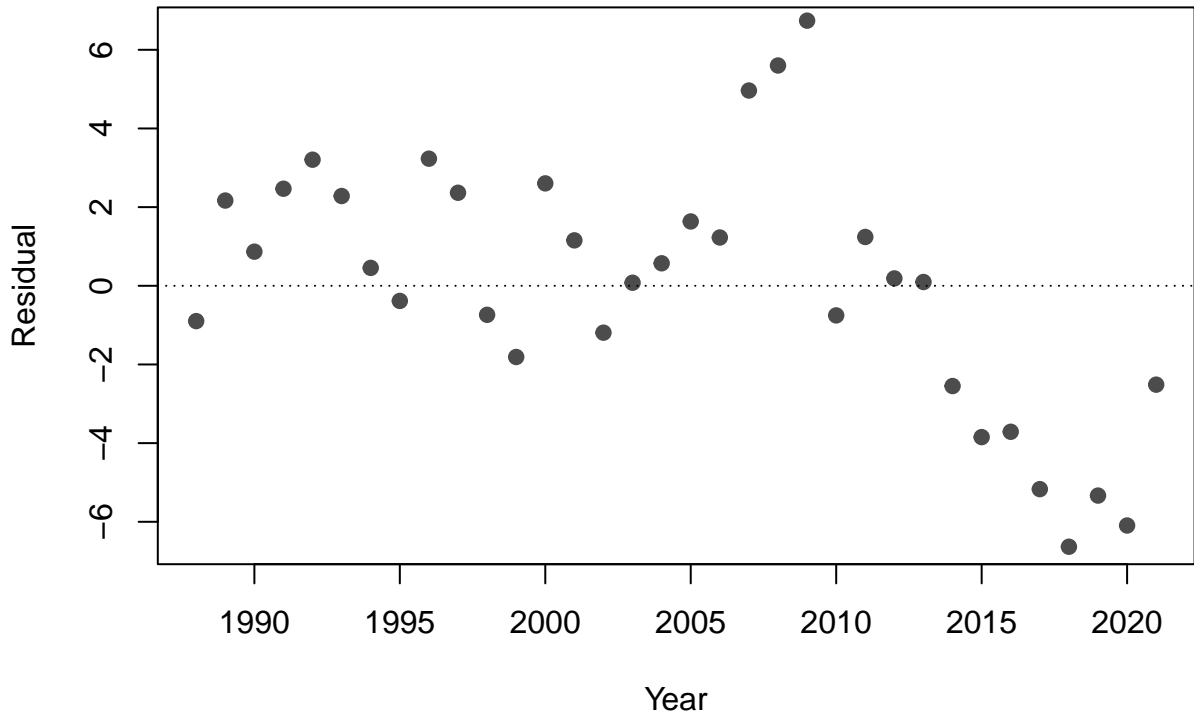
Log index

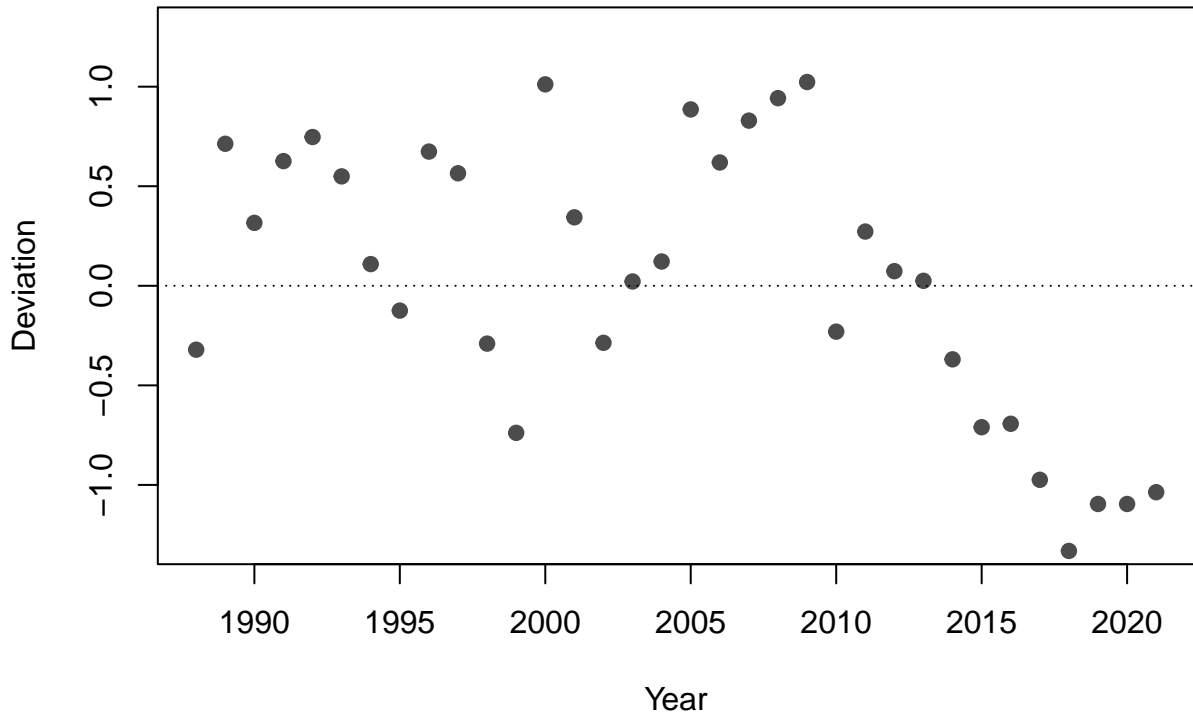


Log index

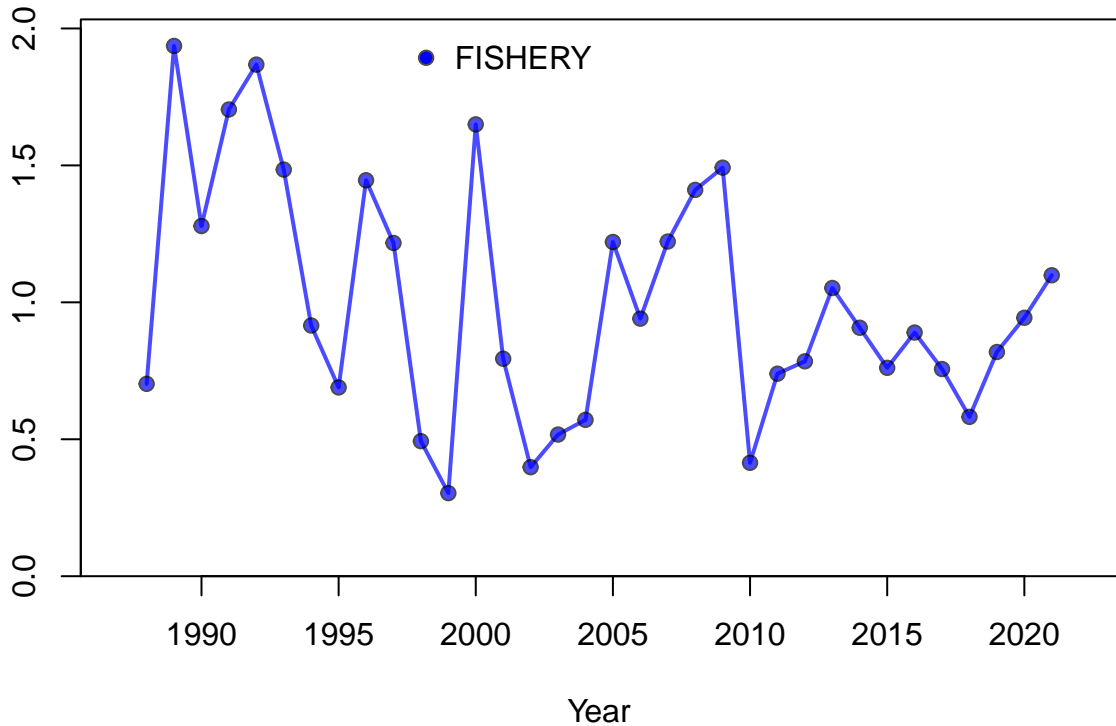


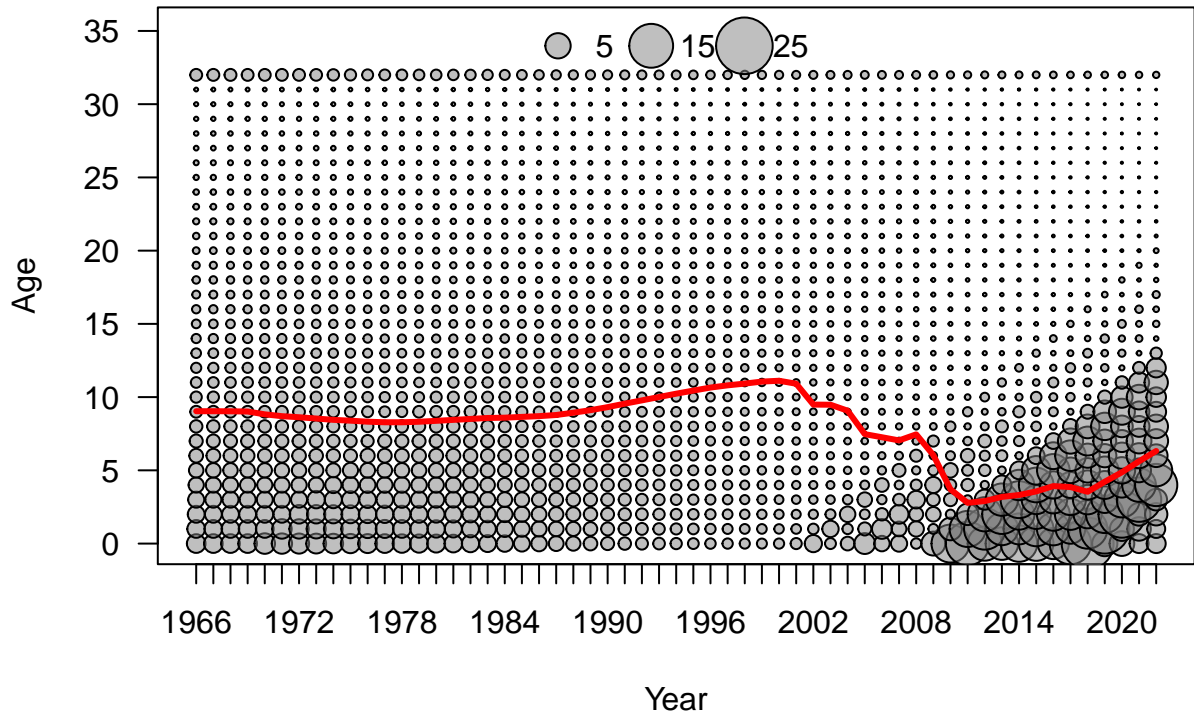


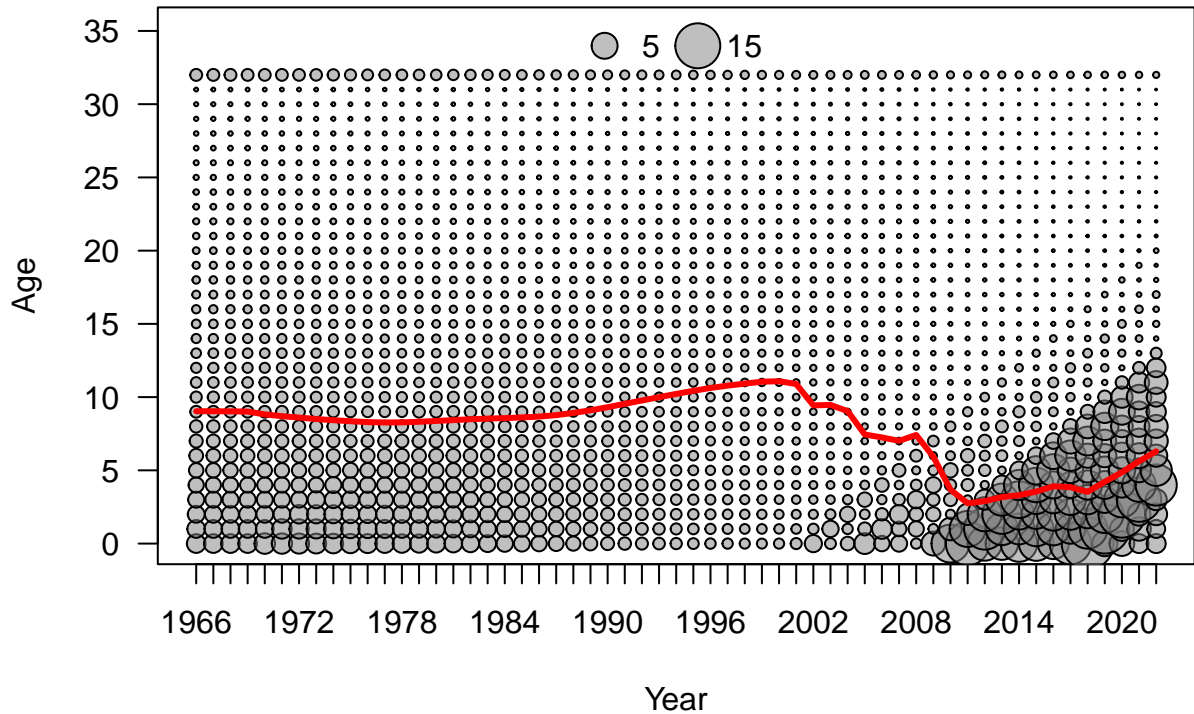


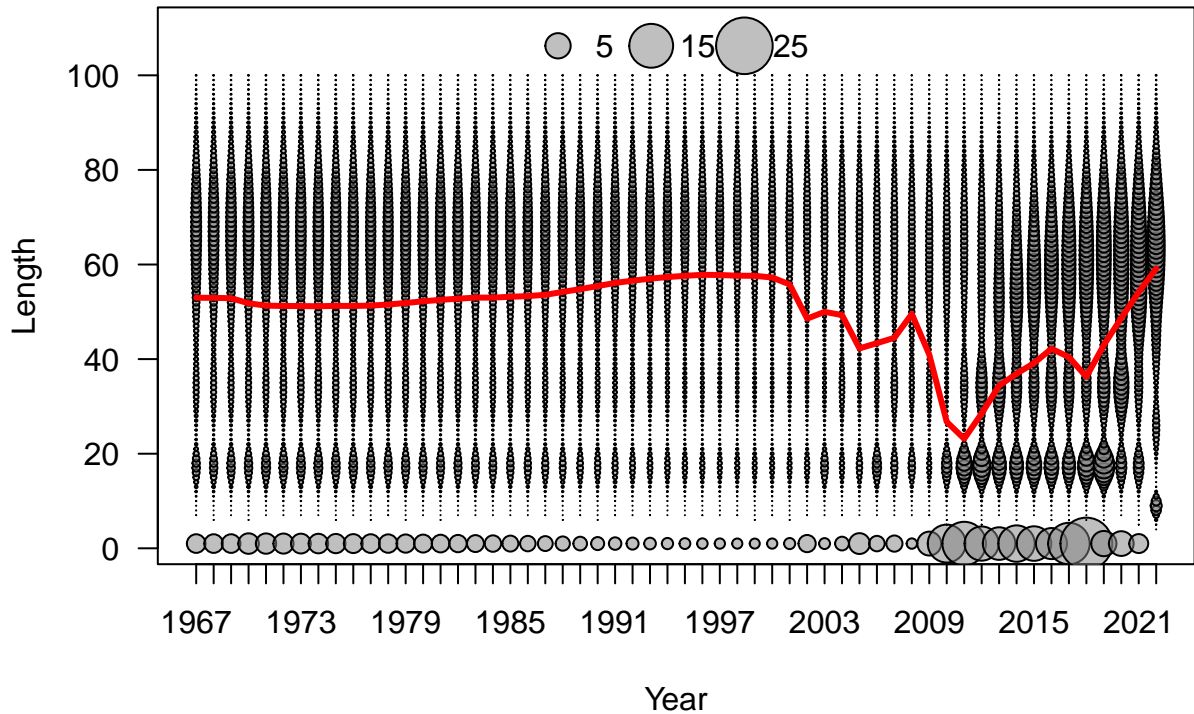


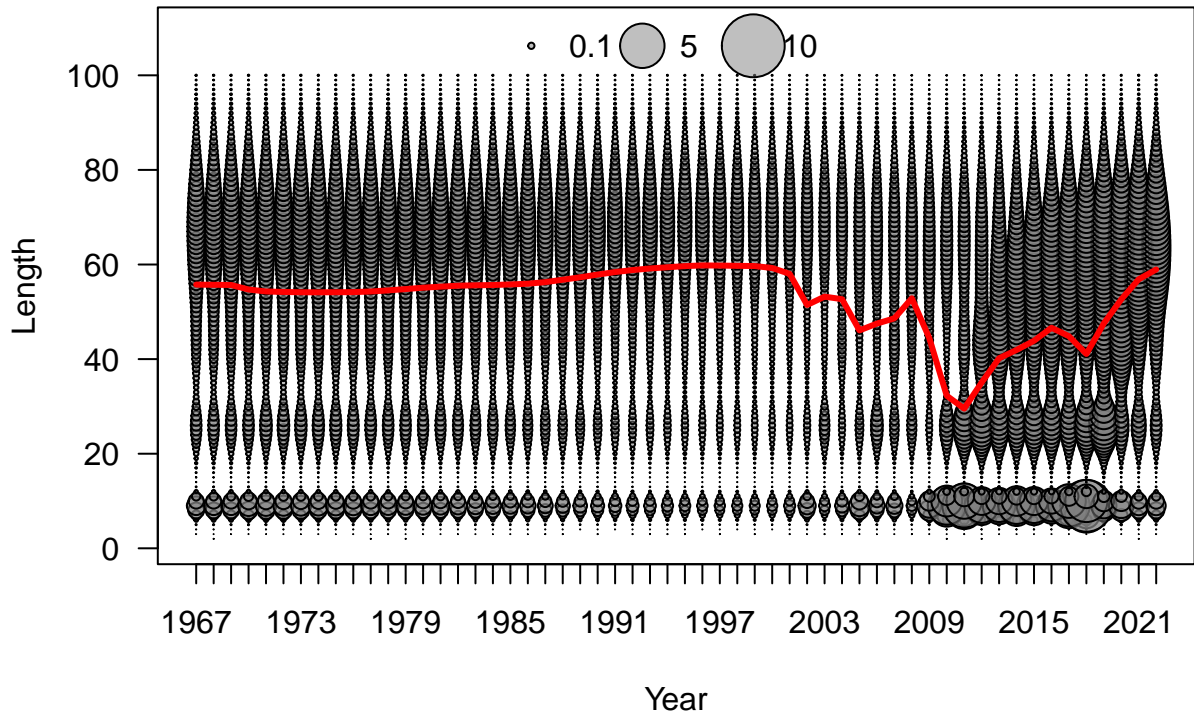
Standardized index

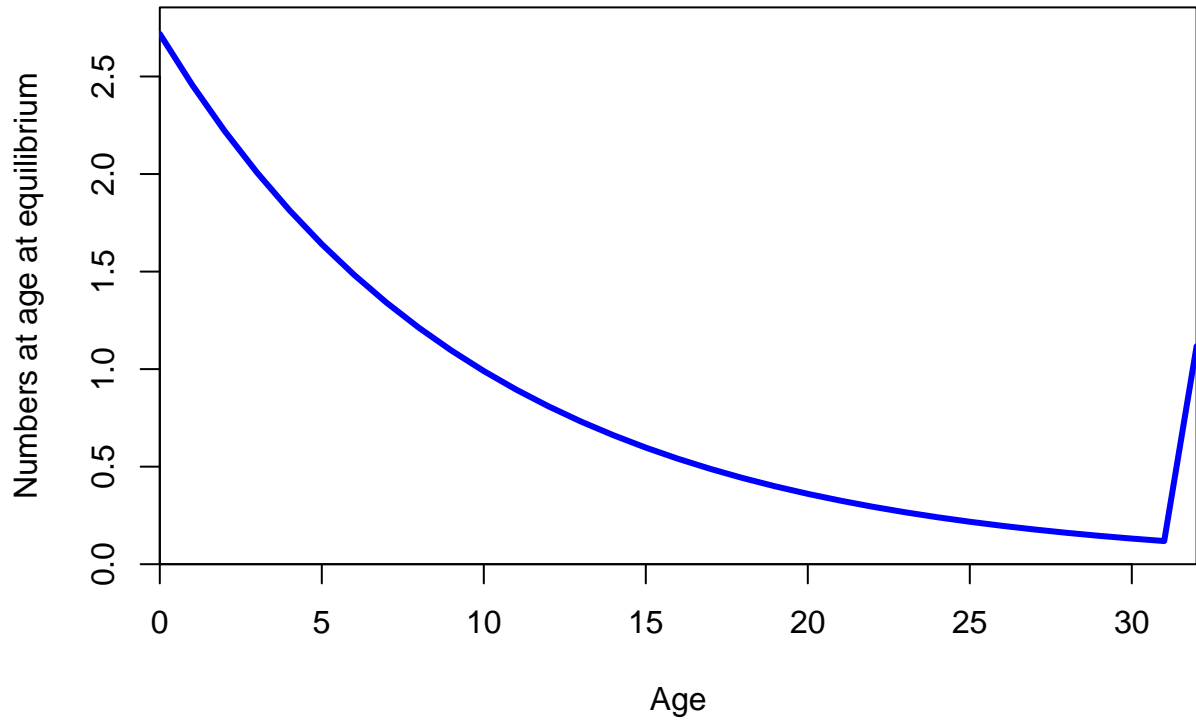


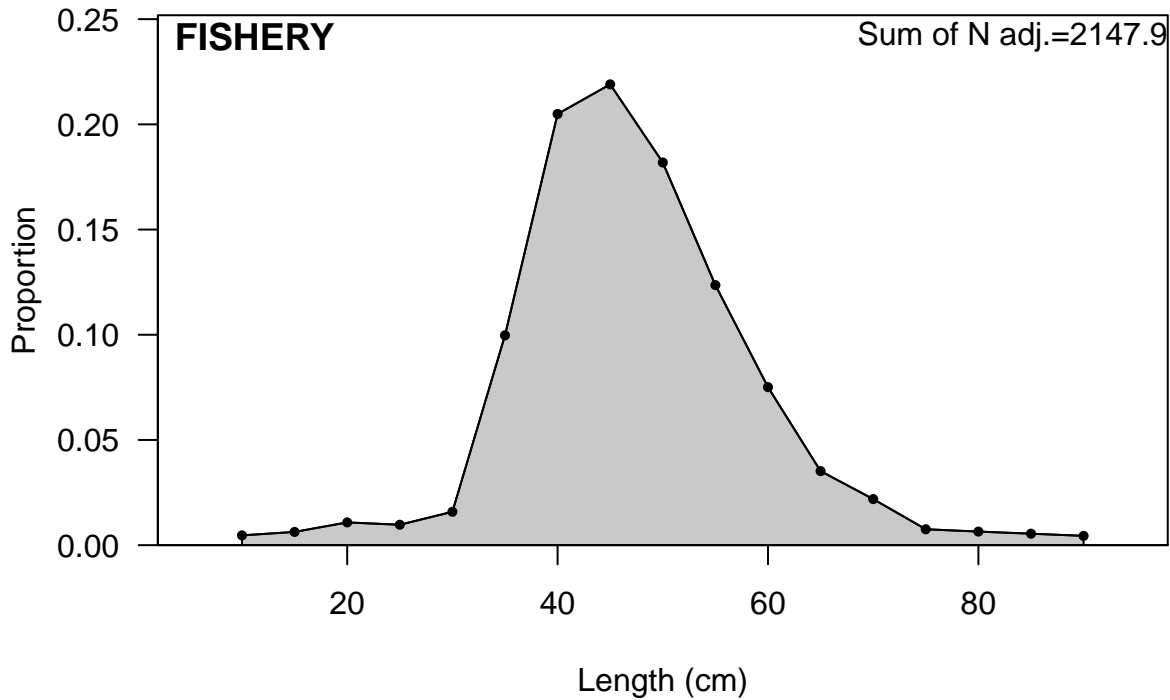






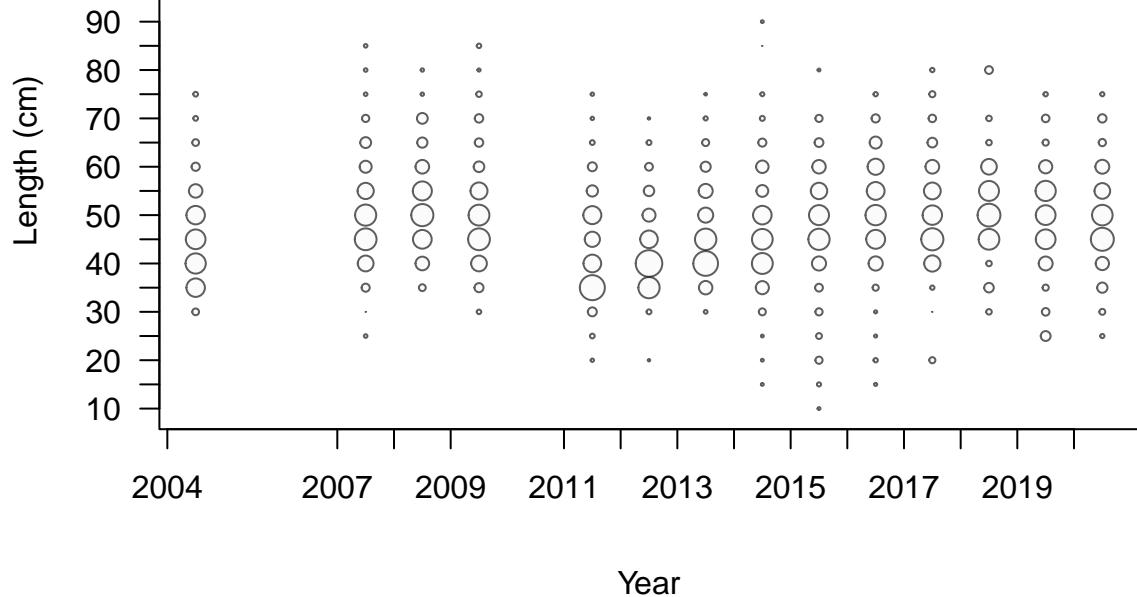




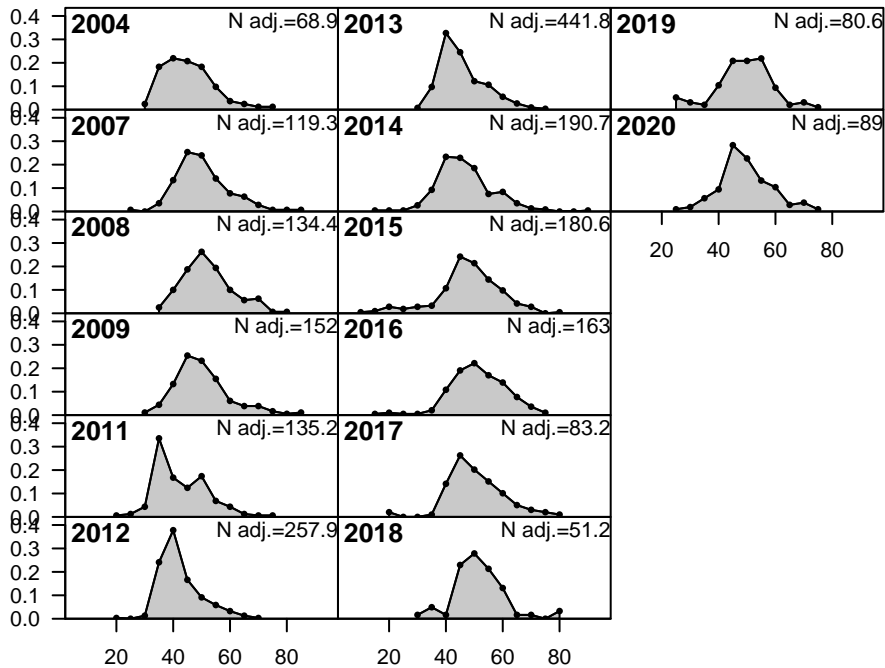


FISHERY

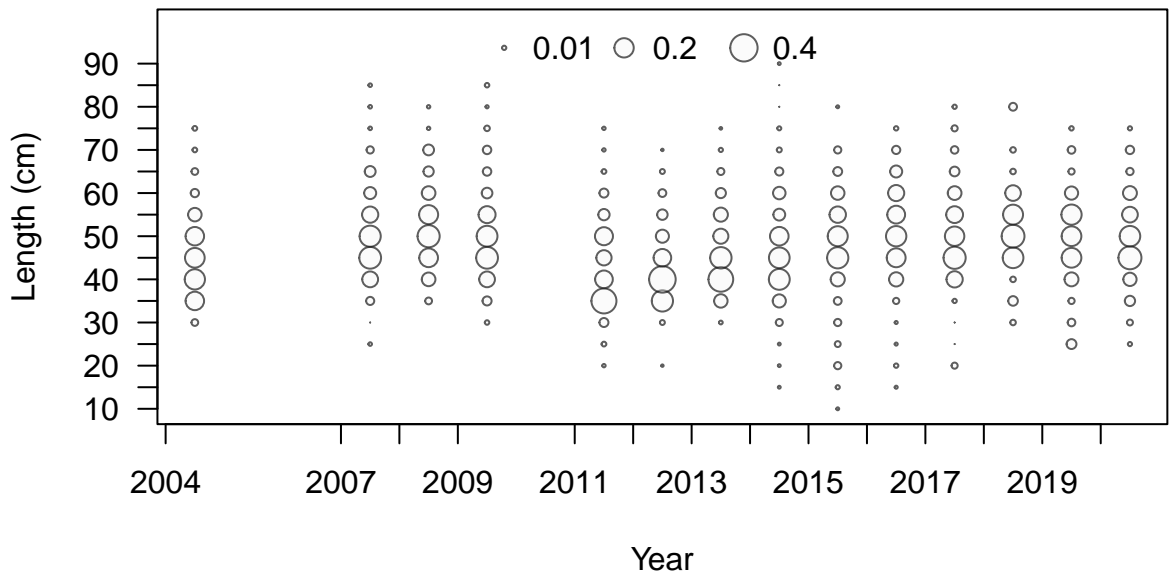
• 0.01 ○ 0.2 ○ 0.4



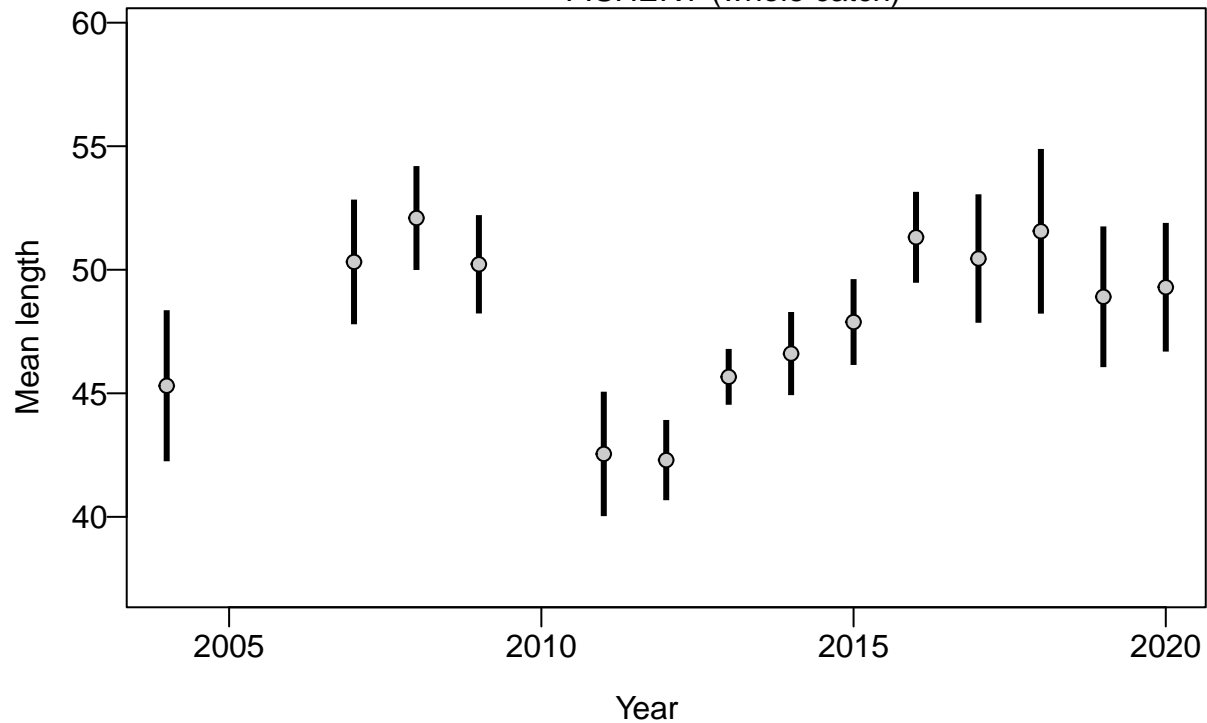
Proportion

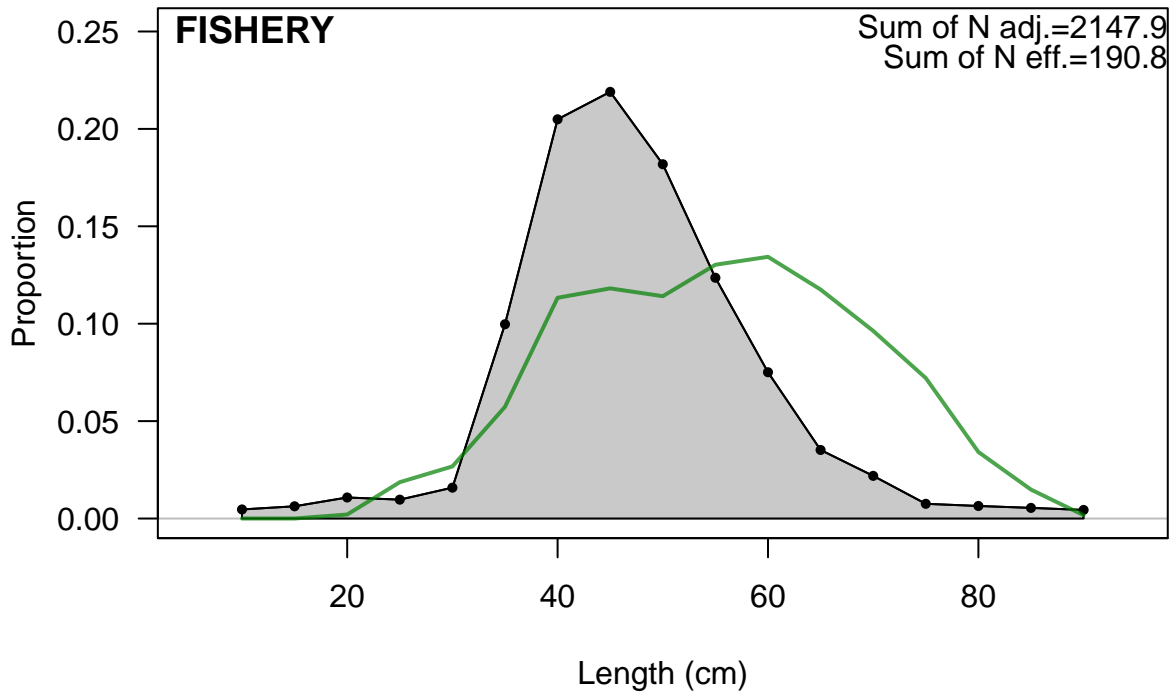


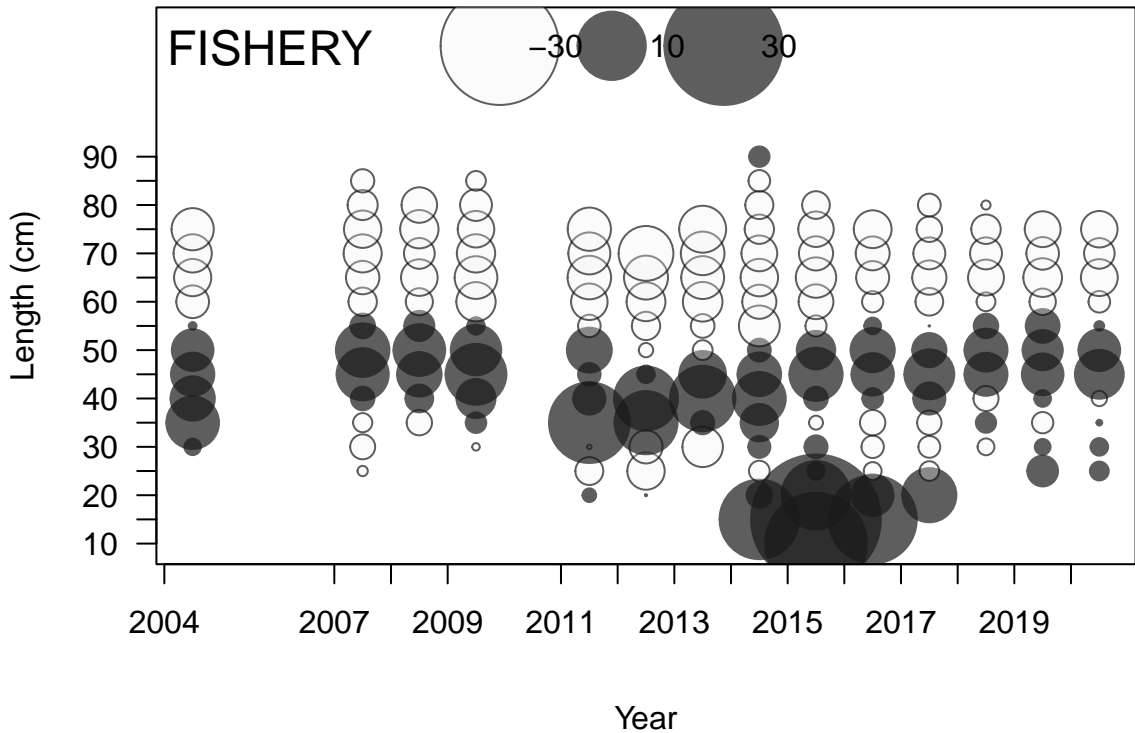
Length (cm)



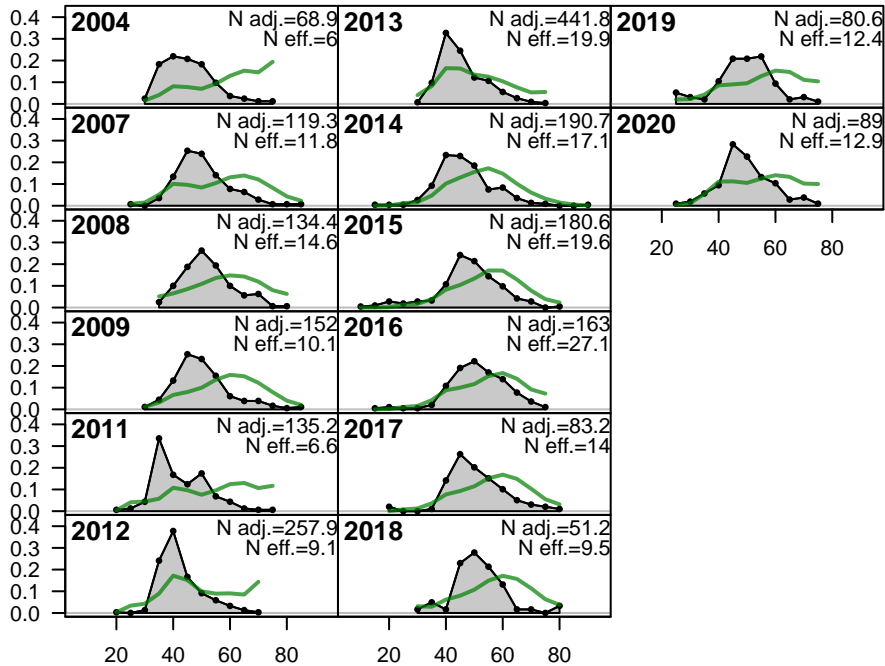
FISHERY (whole catch)



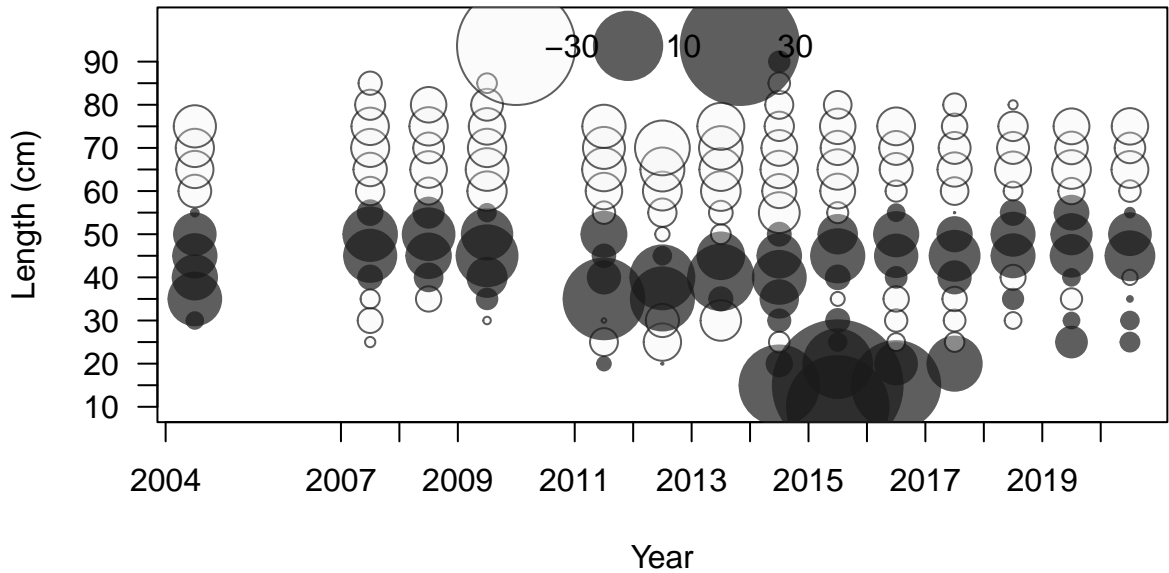


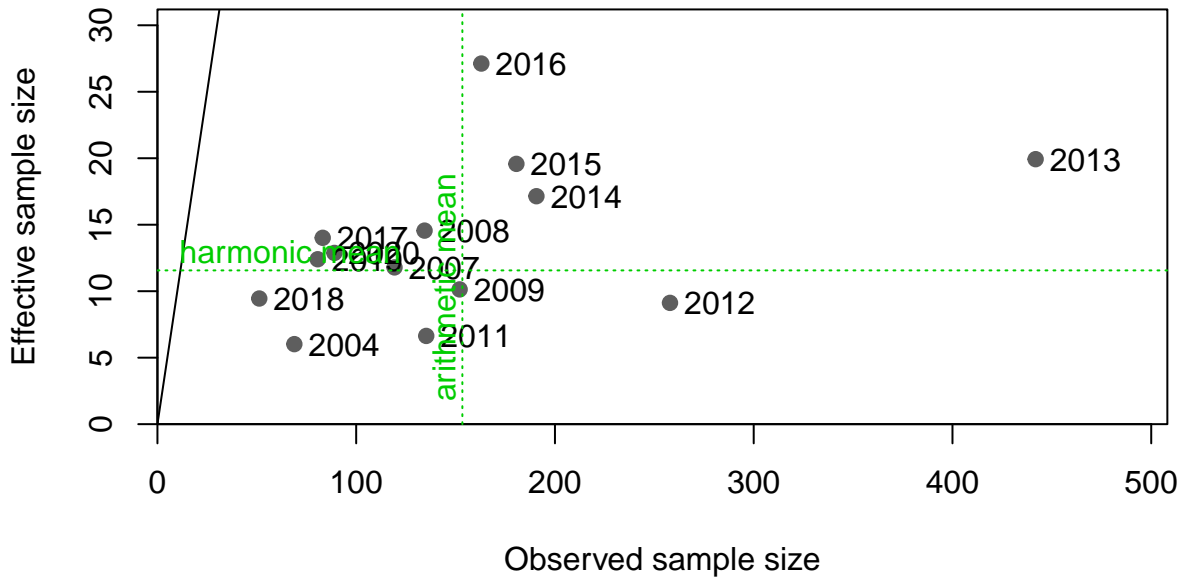


Proportion



Length (cm)





FISHERY (whole catch)

