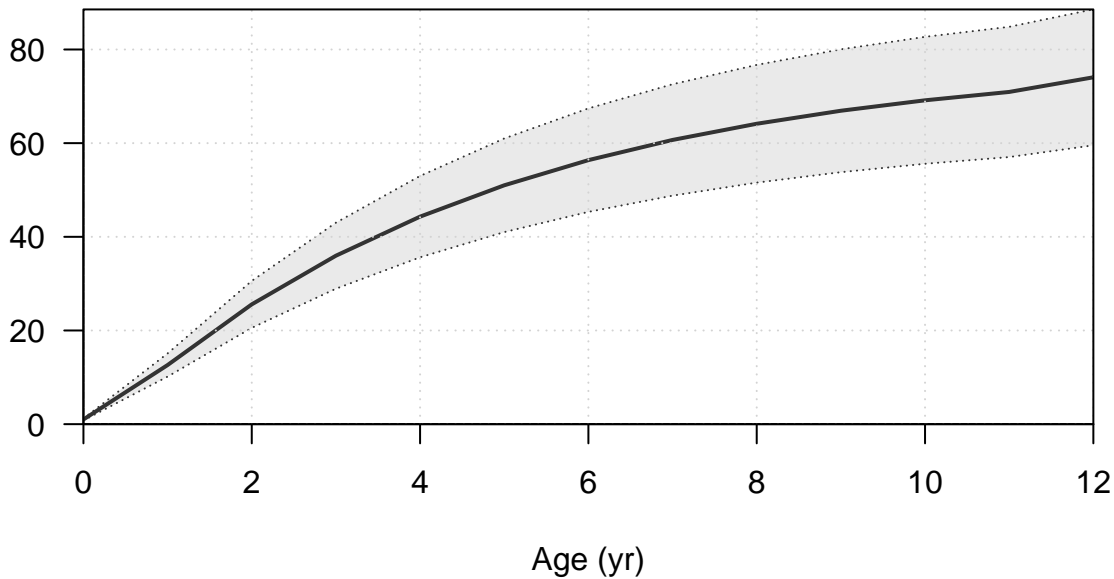
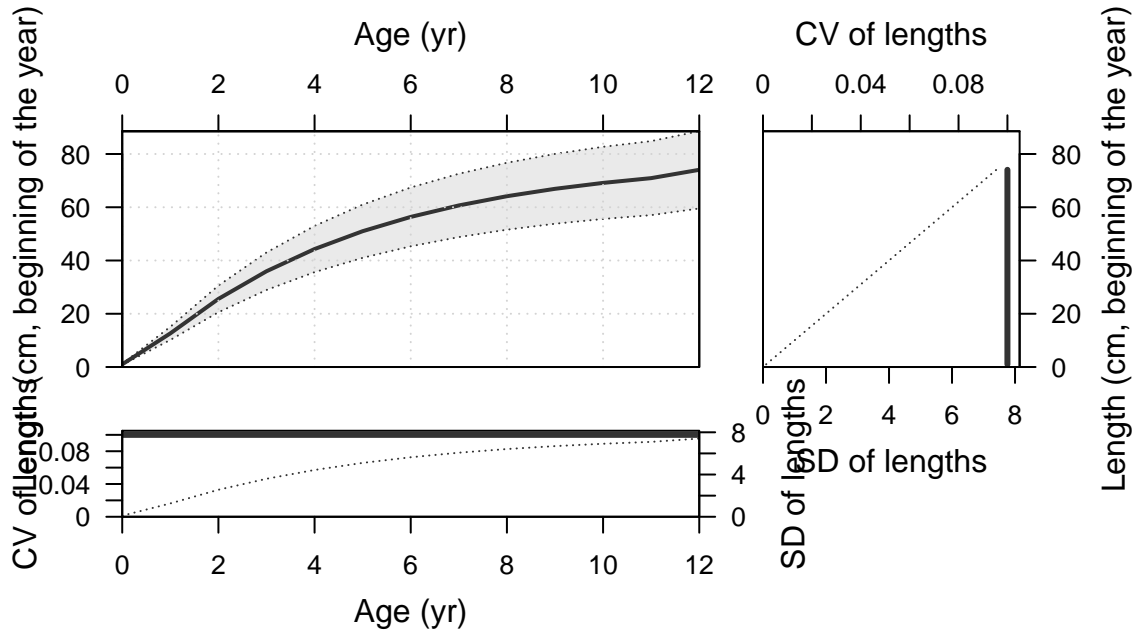
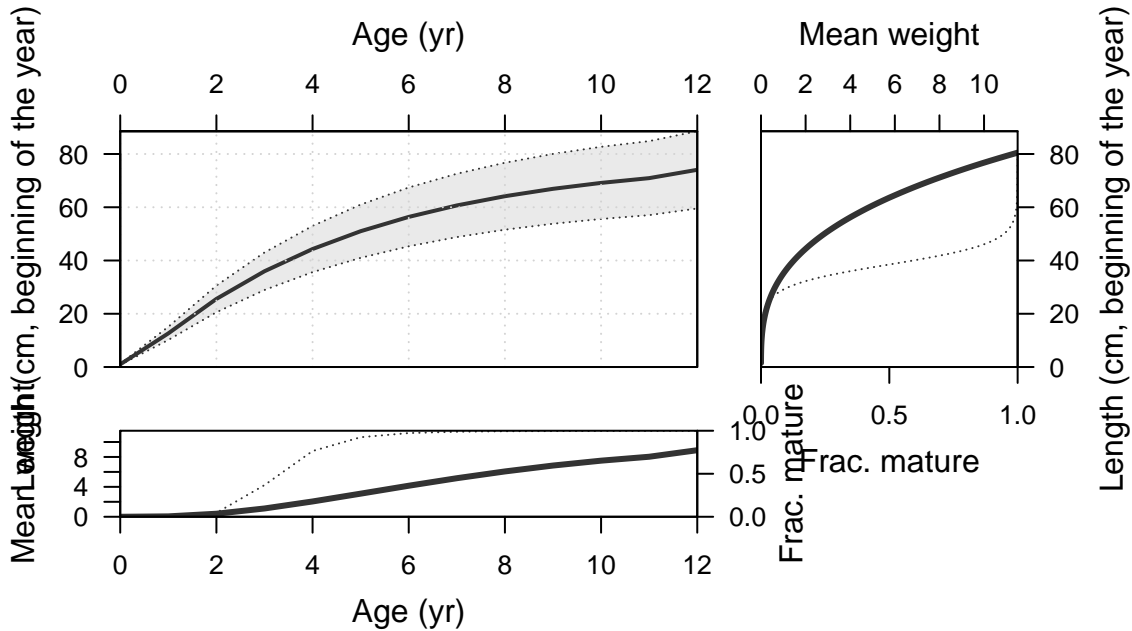


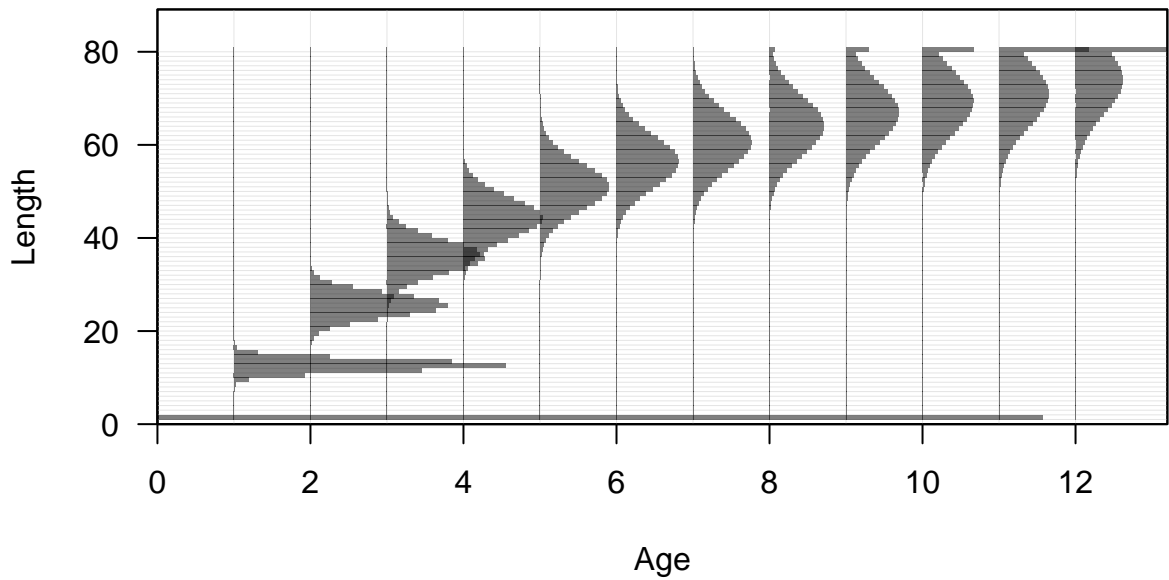
Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Tue Jul 12 08:43:27 2022
Data_File: data.ss
Control_File: control.ss

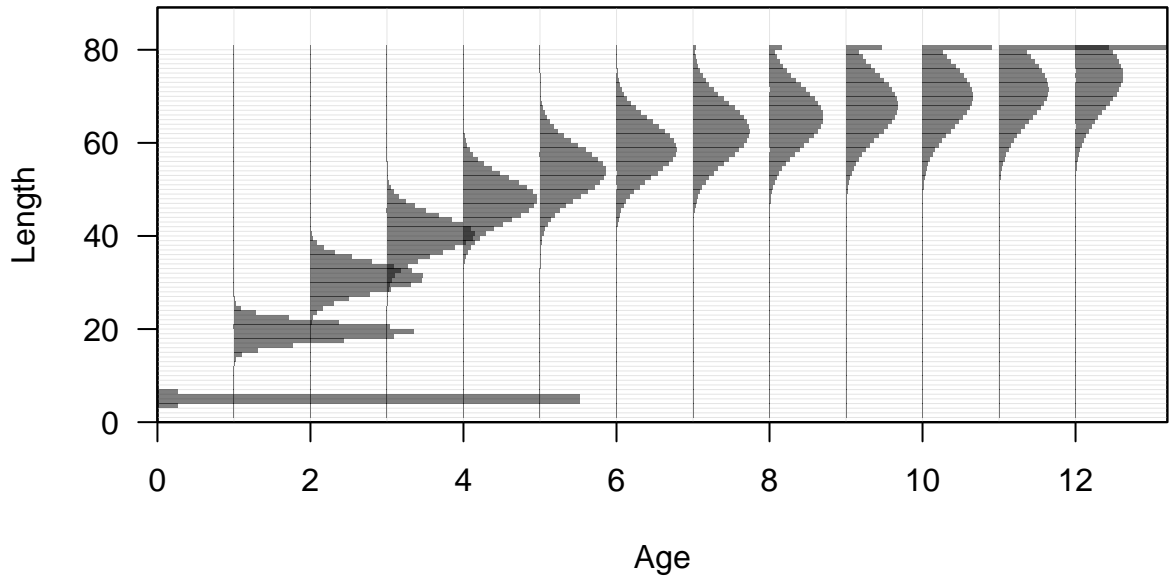
Length (cm, beginning of the year)

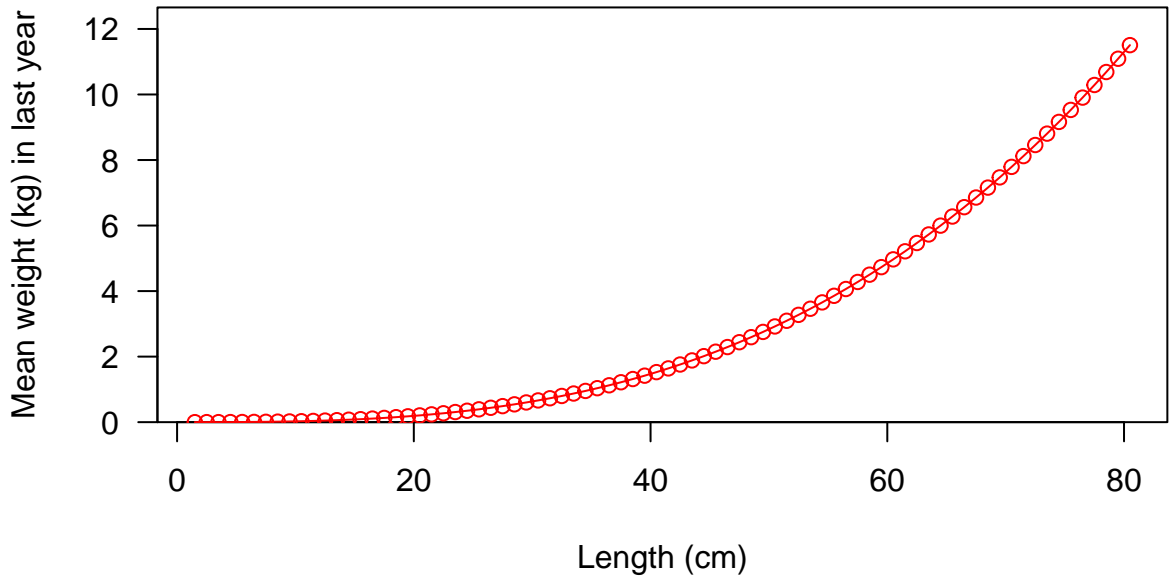


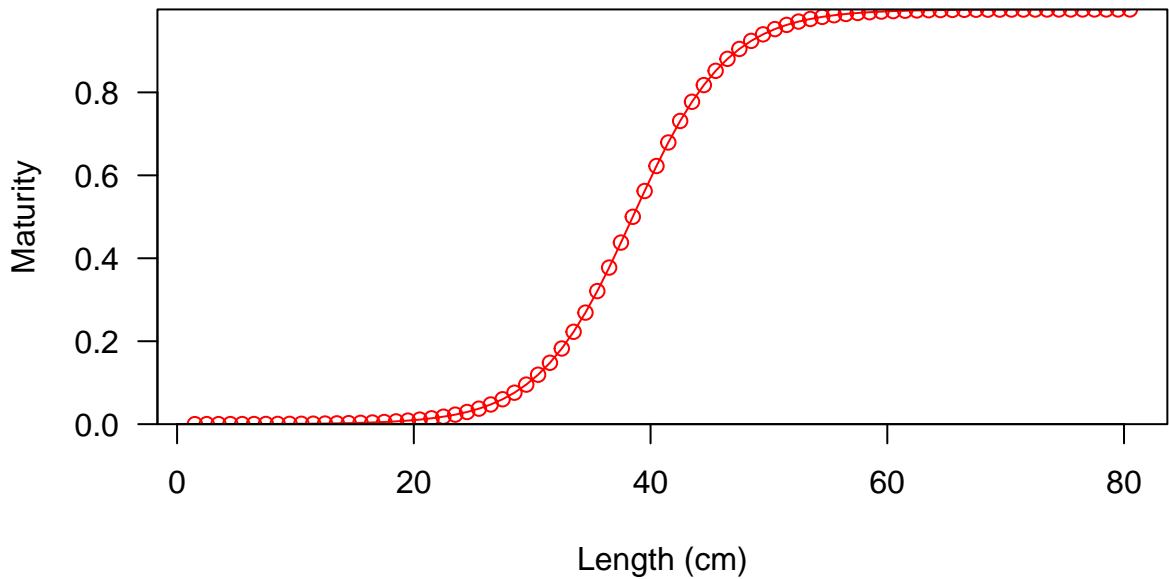


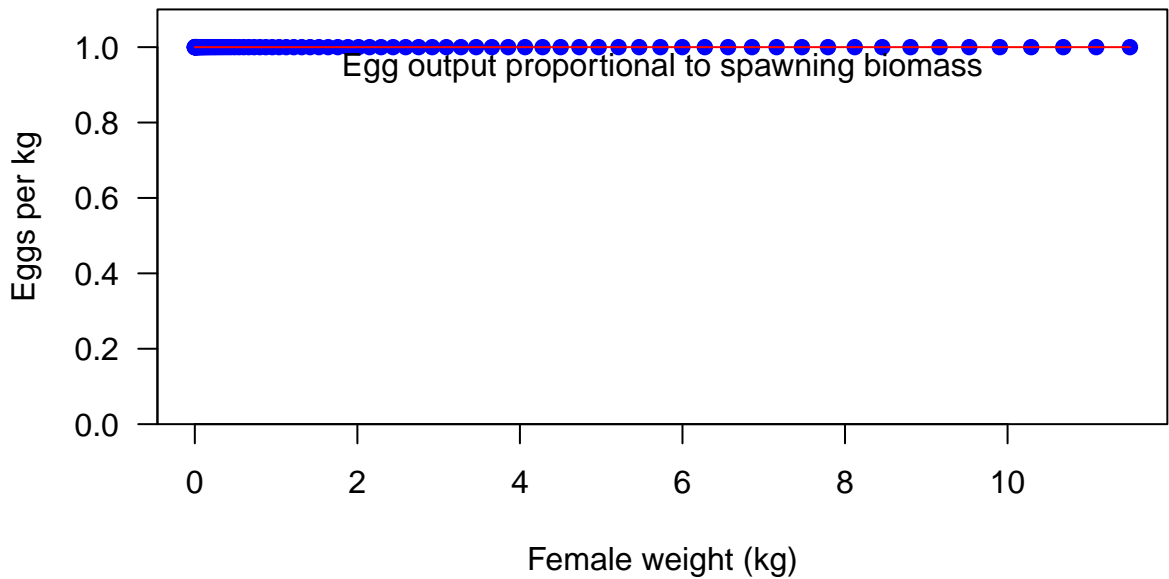




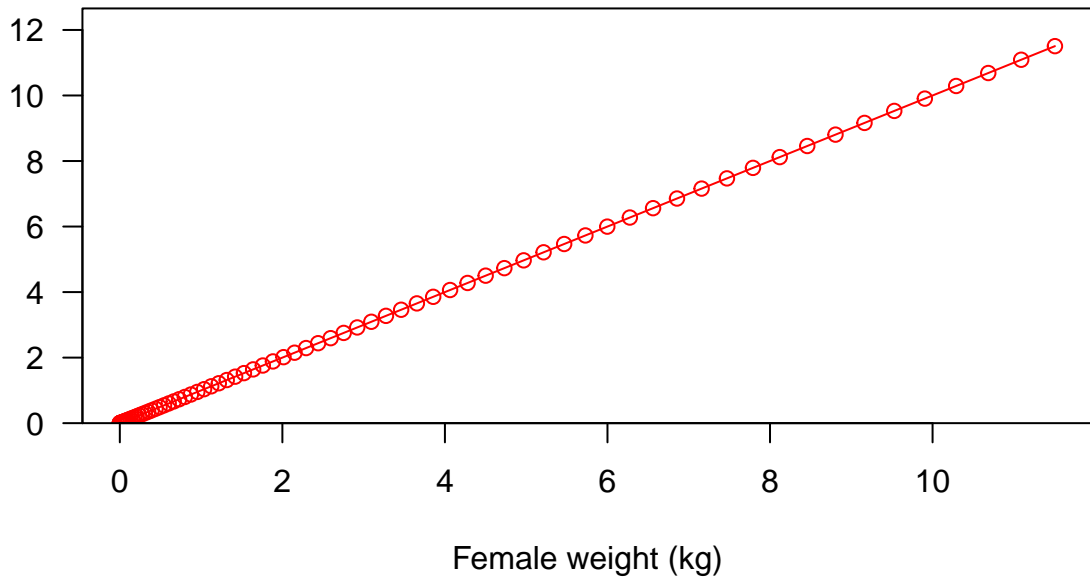




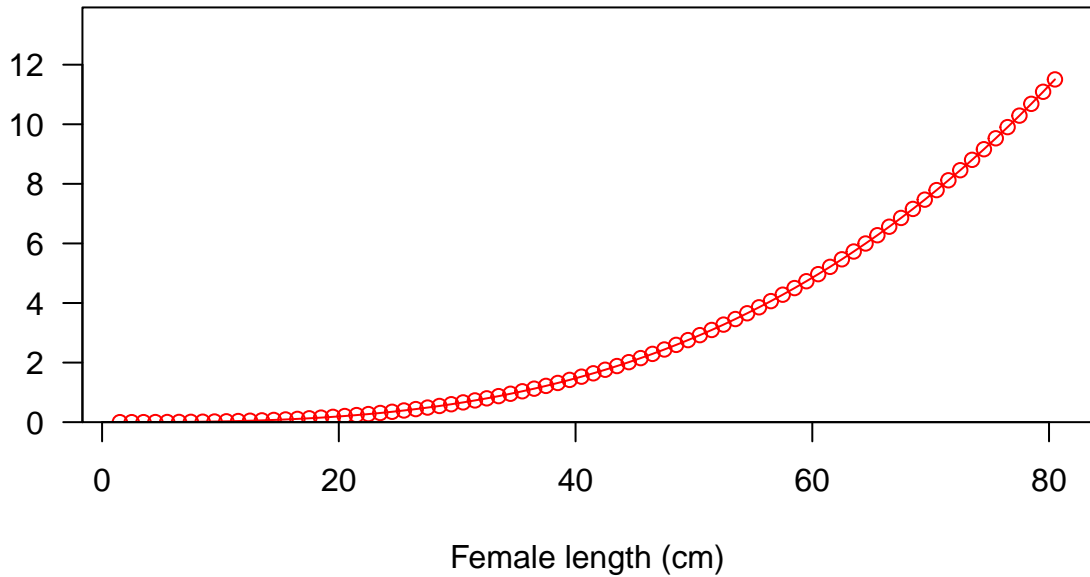




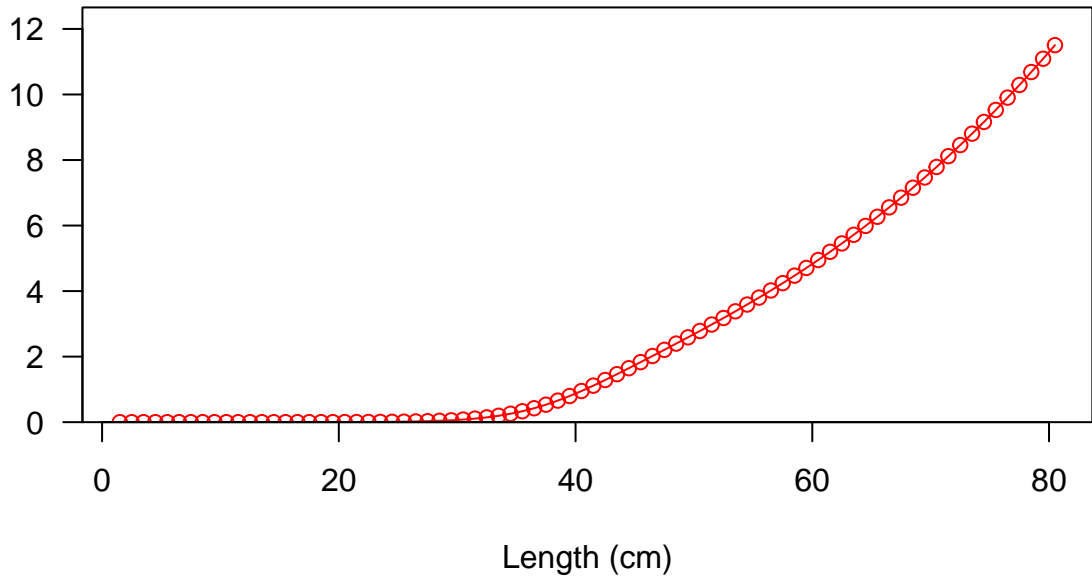
Fecundity



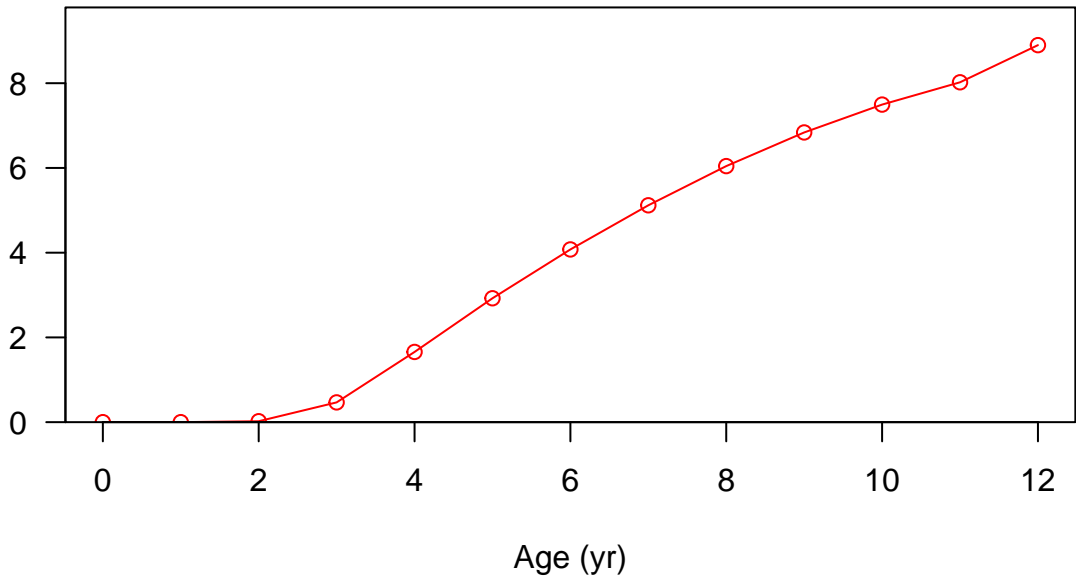
Fecundity



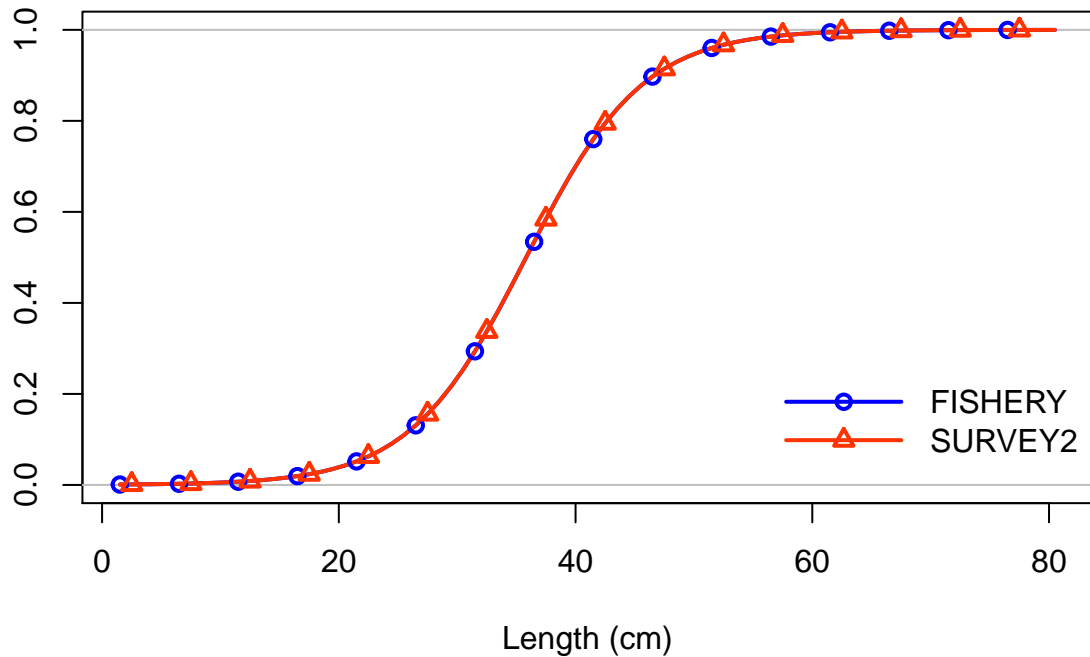
Spawning output



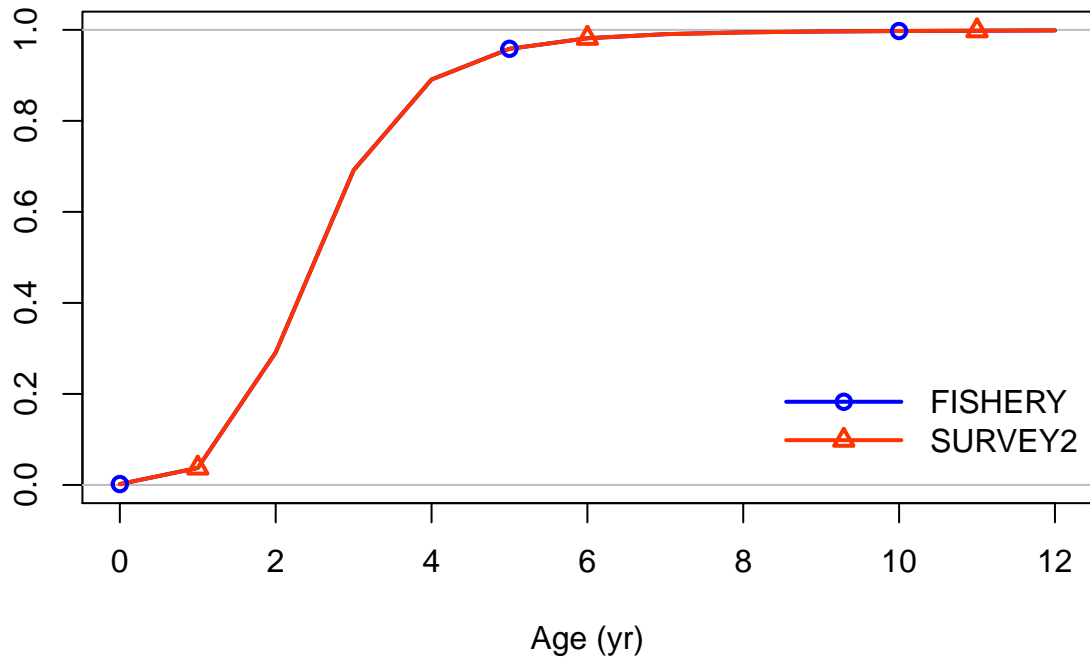
Spawning output



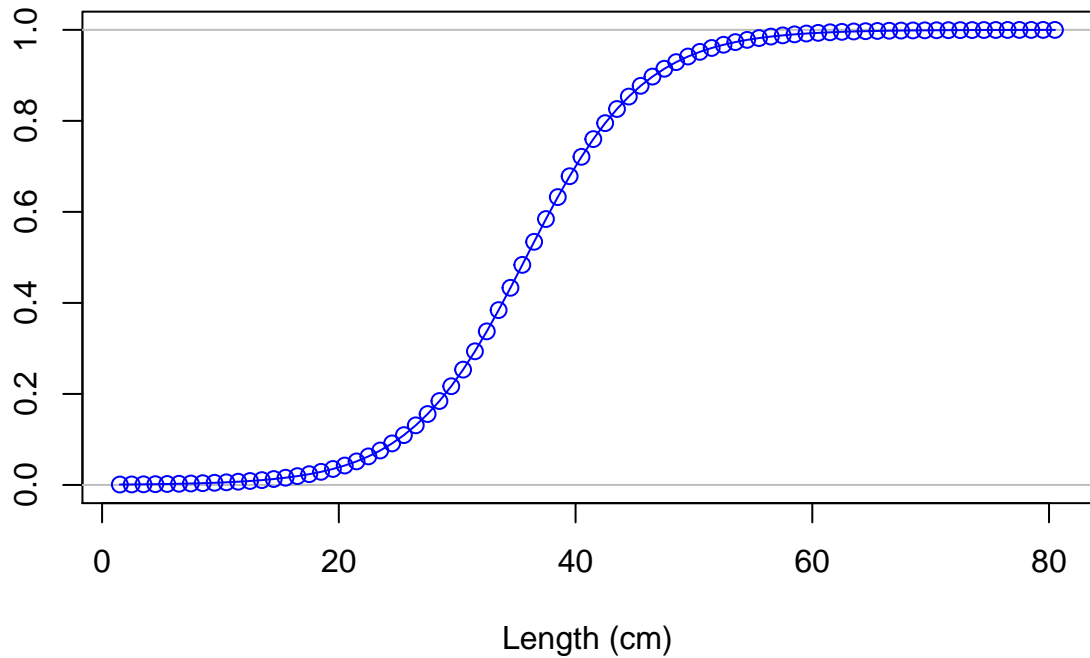
Selectivity



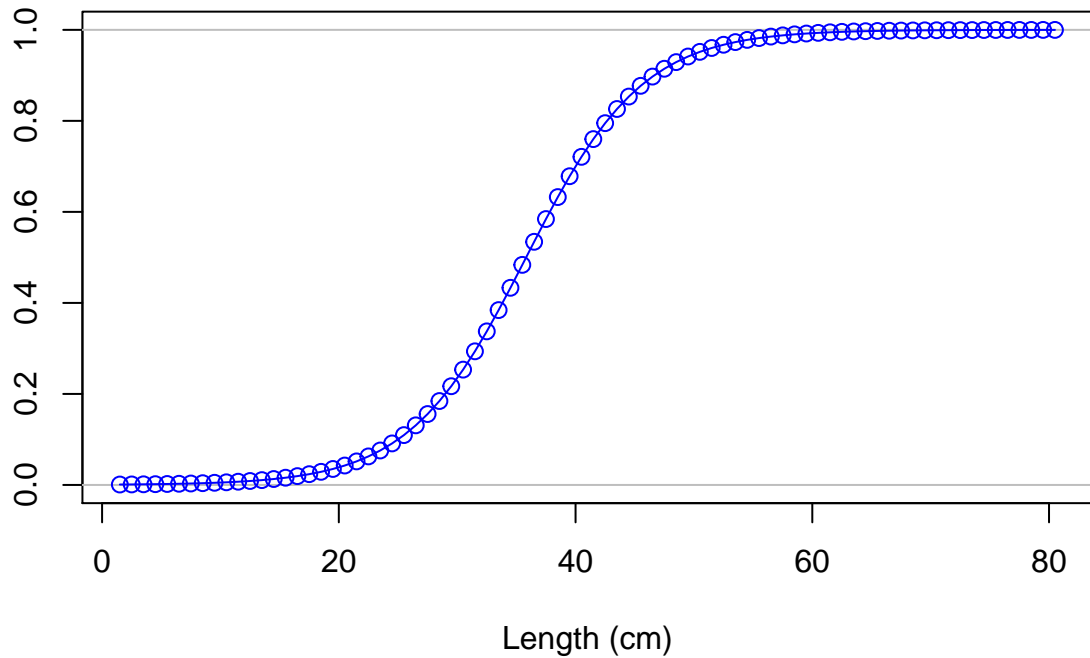
Selectivity

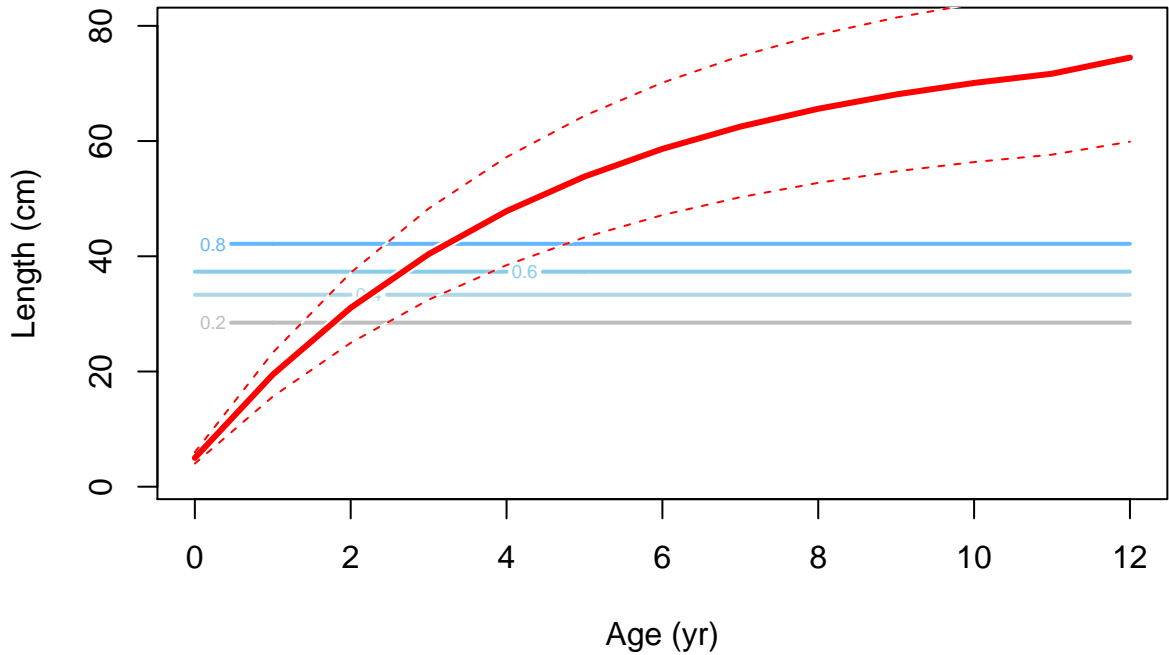


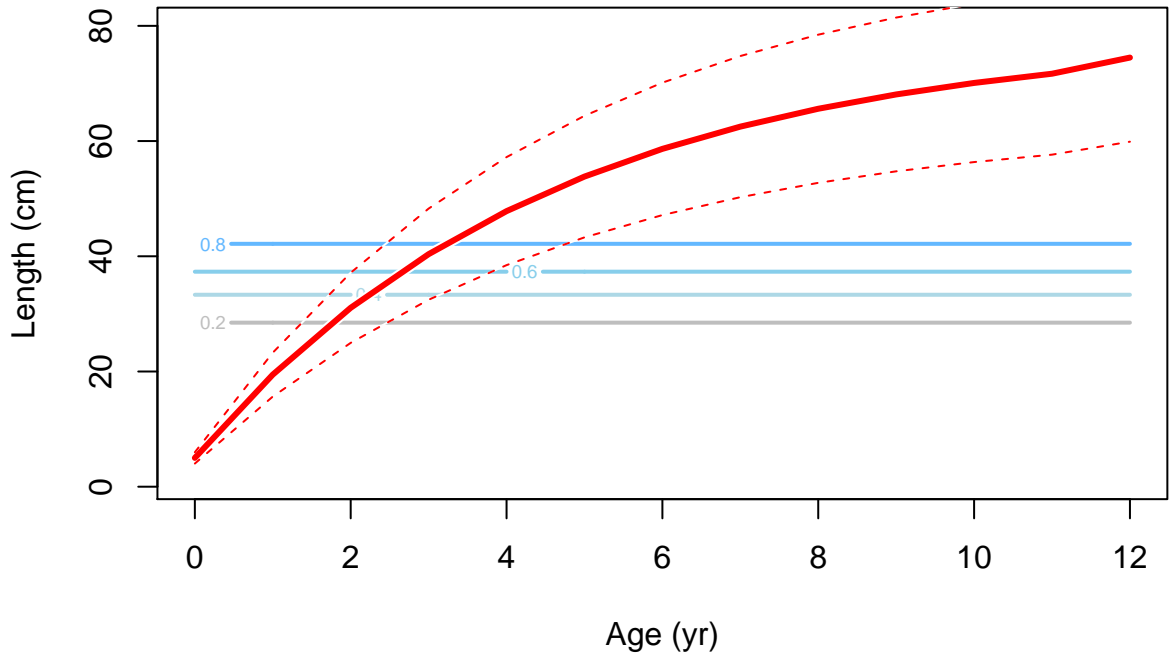
Selectivity

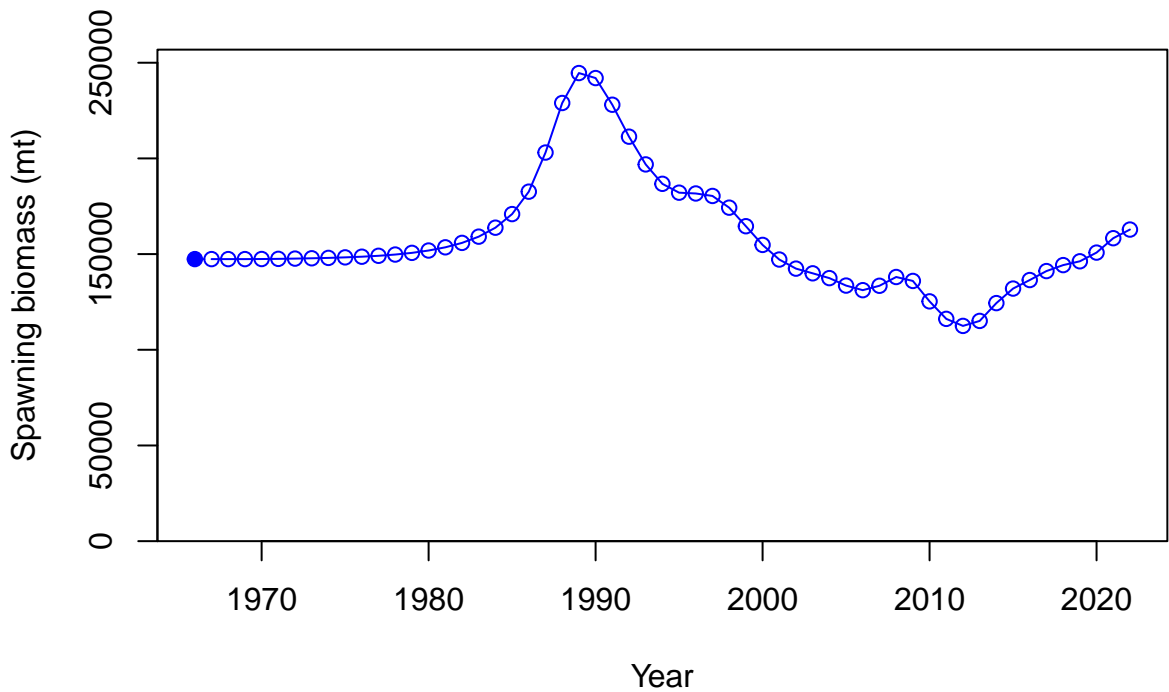


Selectivity

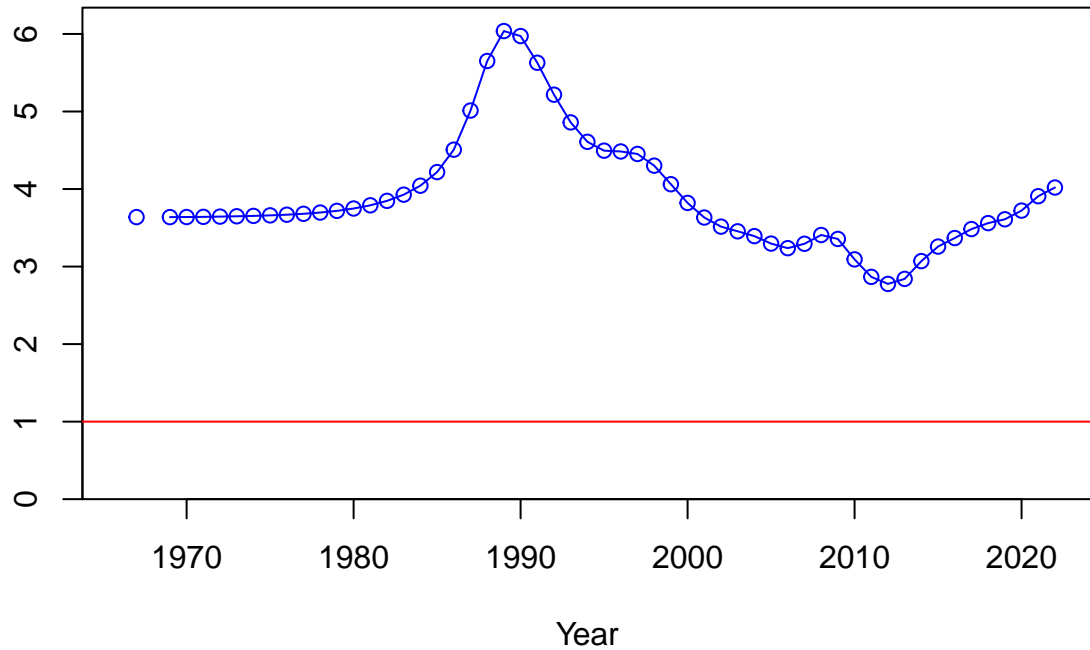


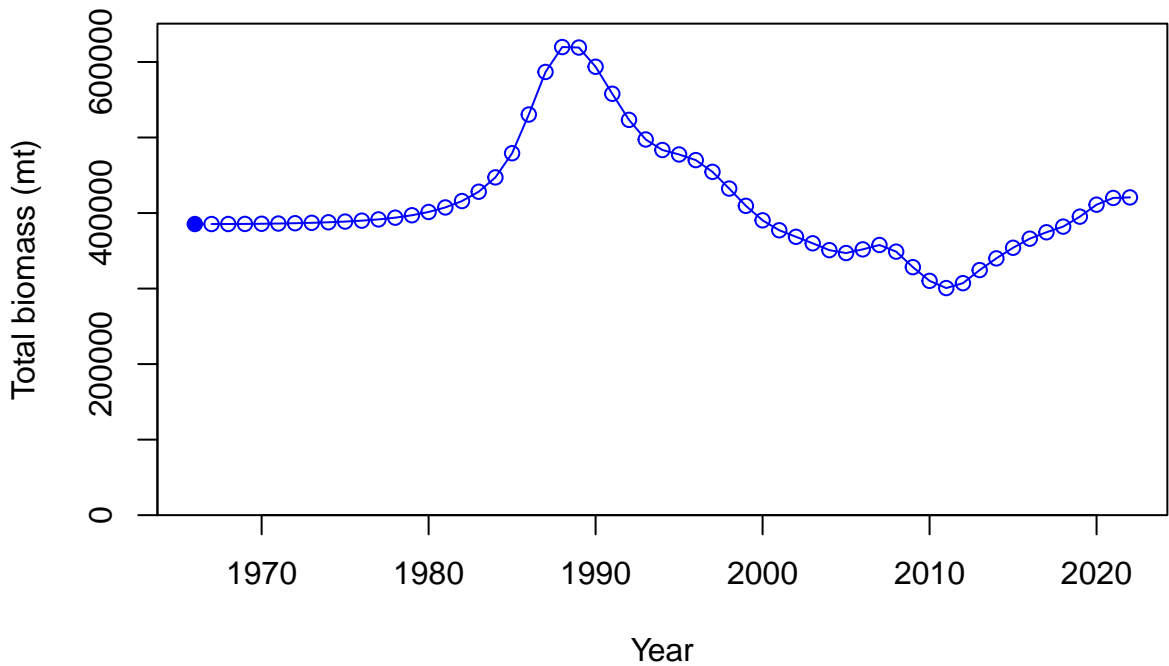


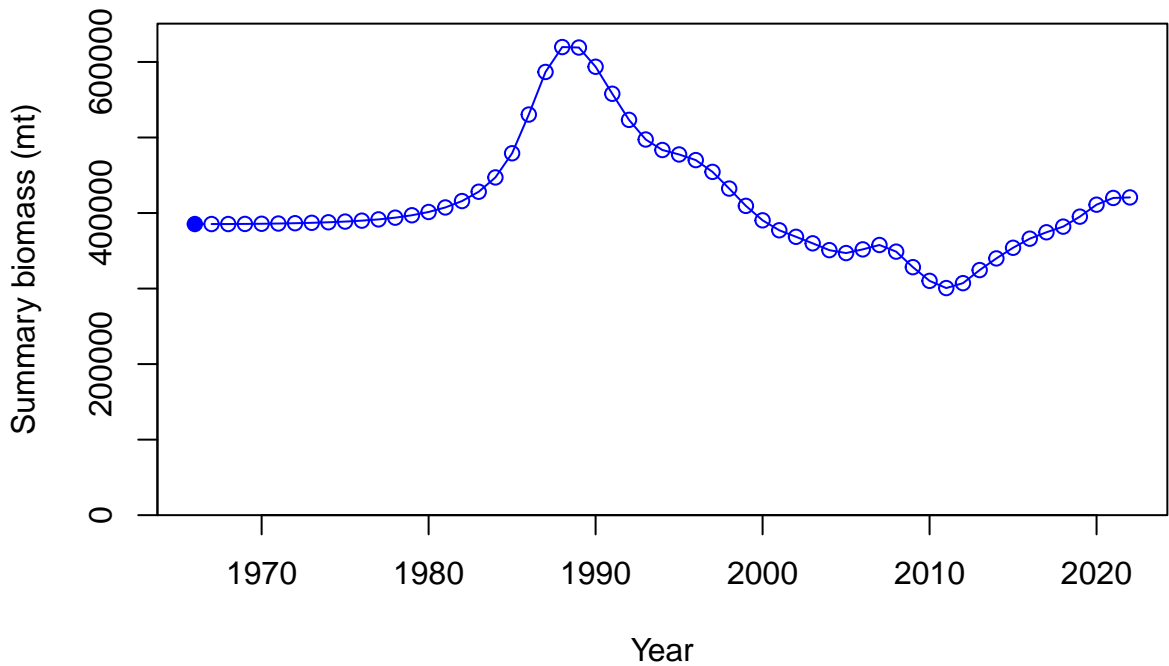


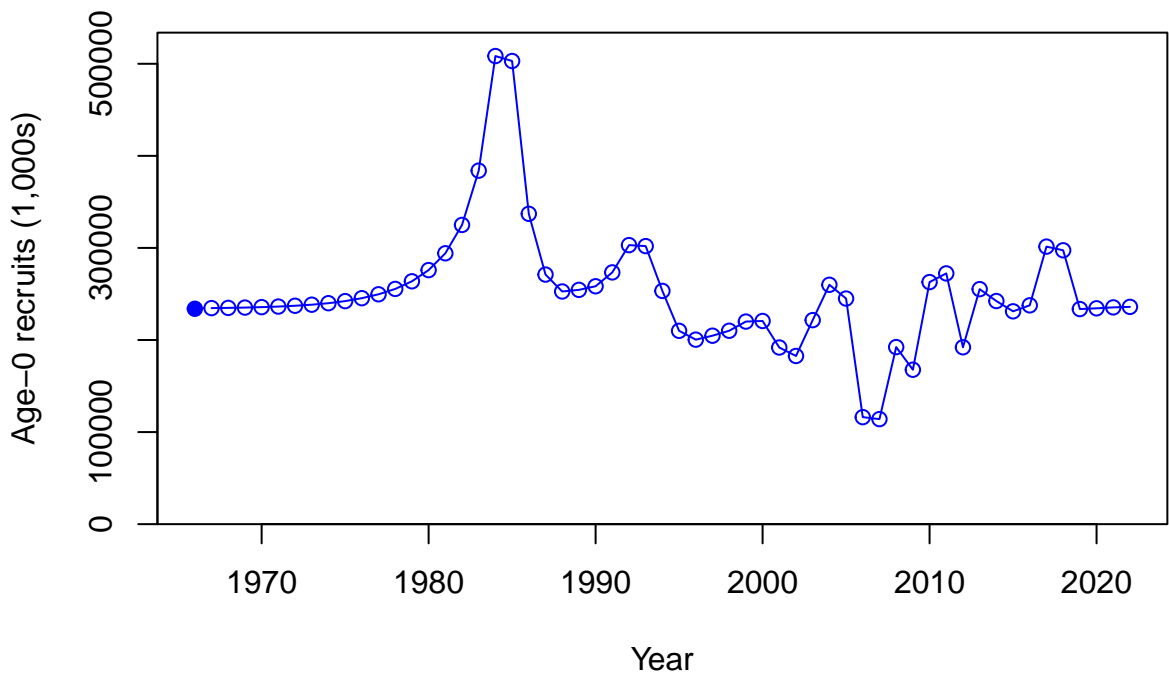


Relative spawning biomass: B/B_{MSY}









Summary Fishing Mortality

0.000008
0.000004
0.000000

1970

1980

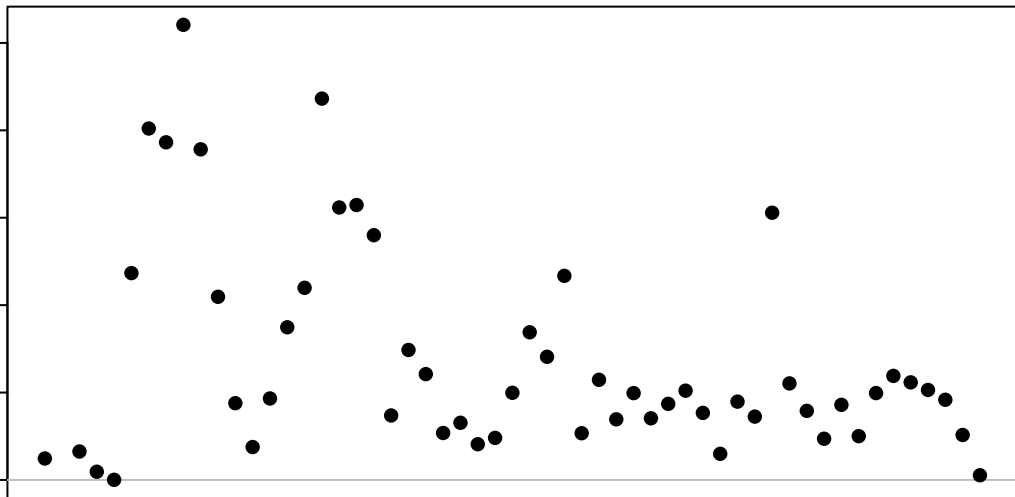
1990

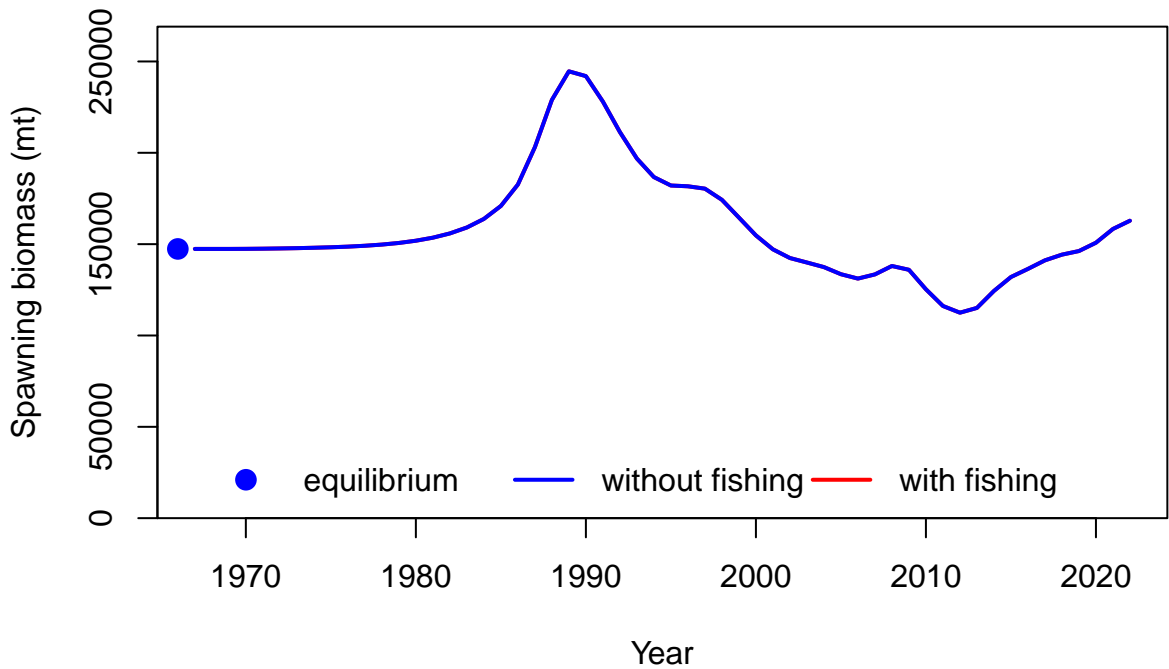
2000

2010

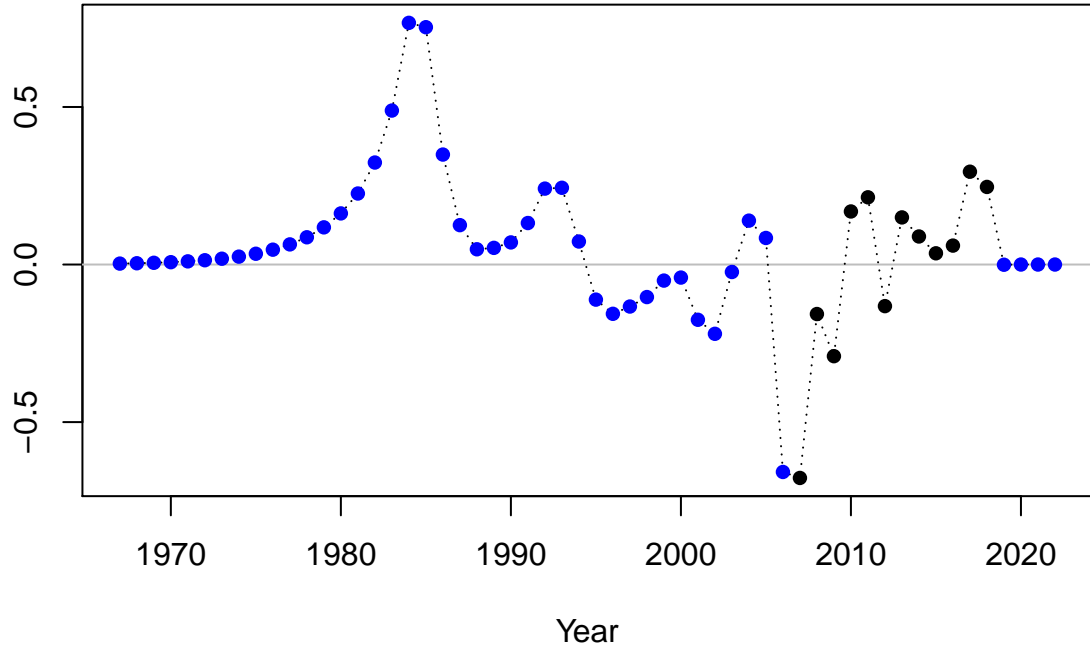
2020

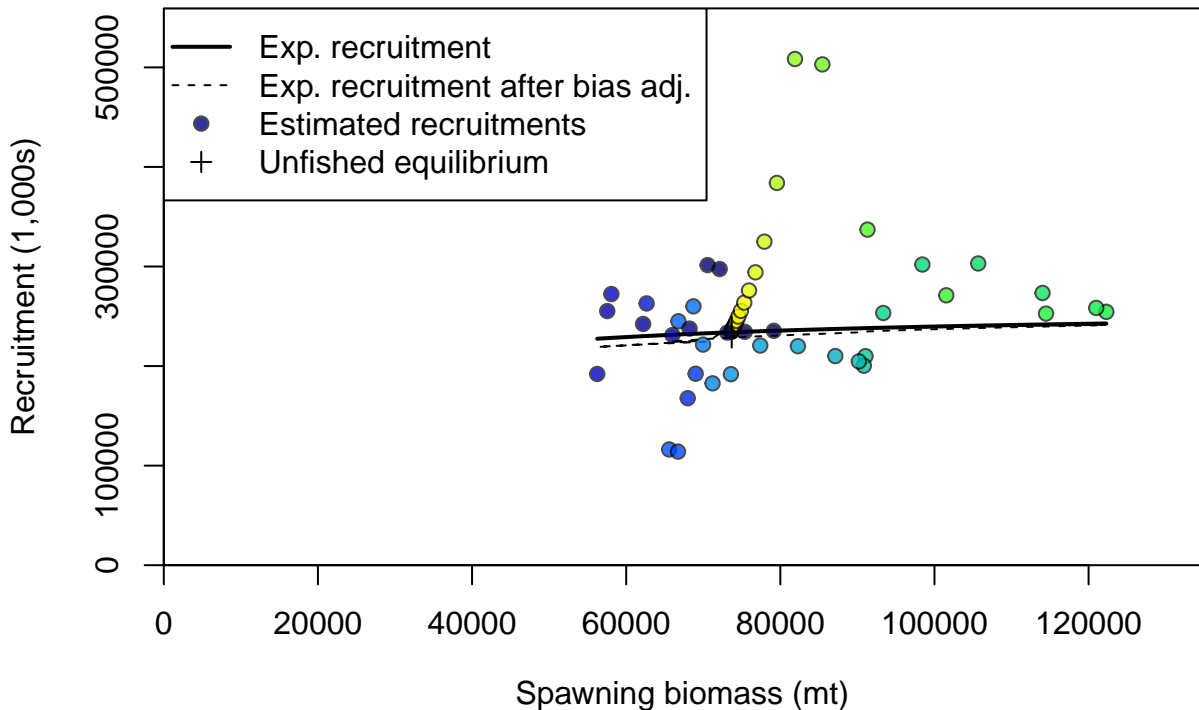
Year

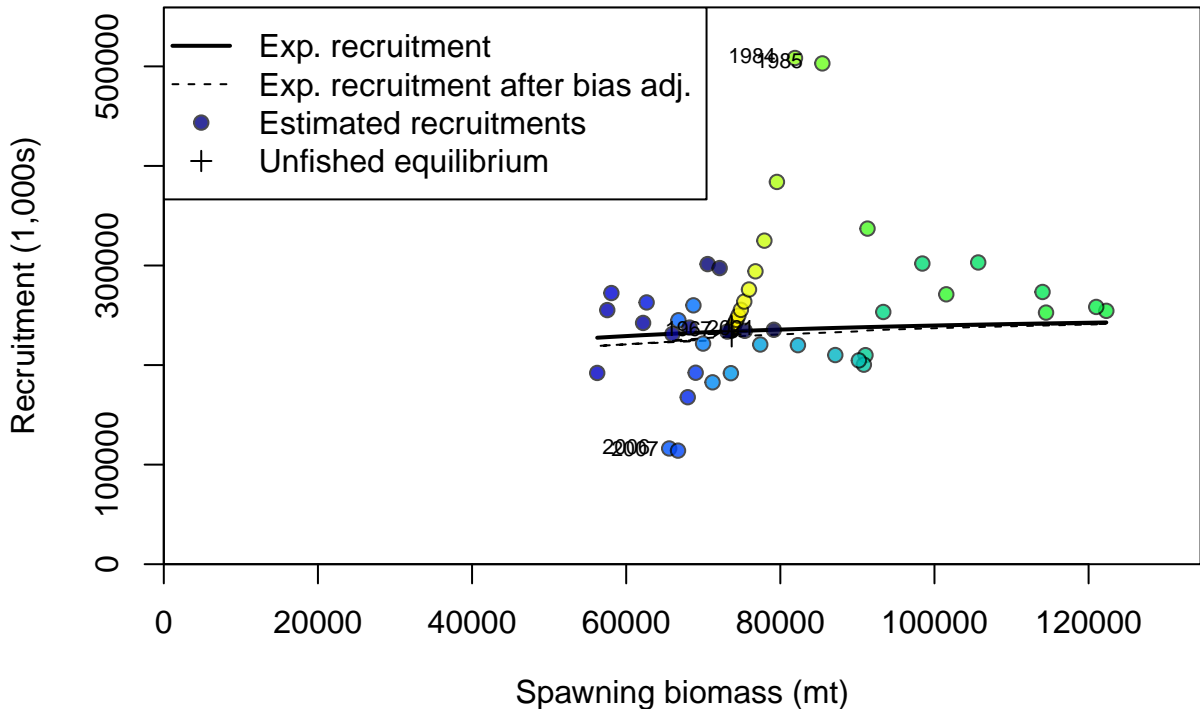


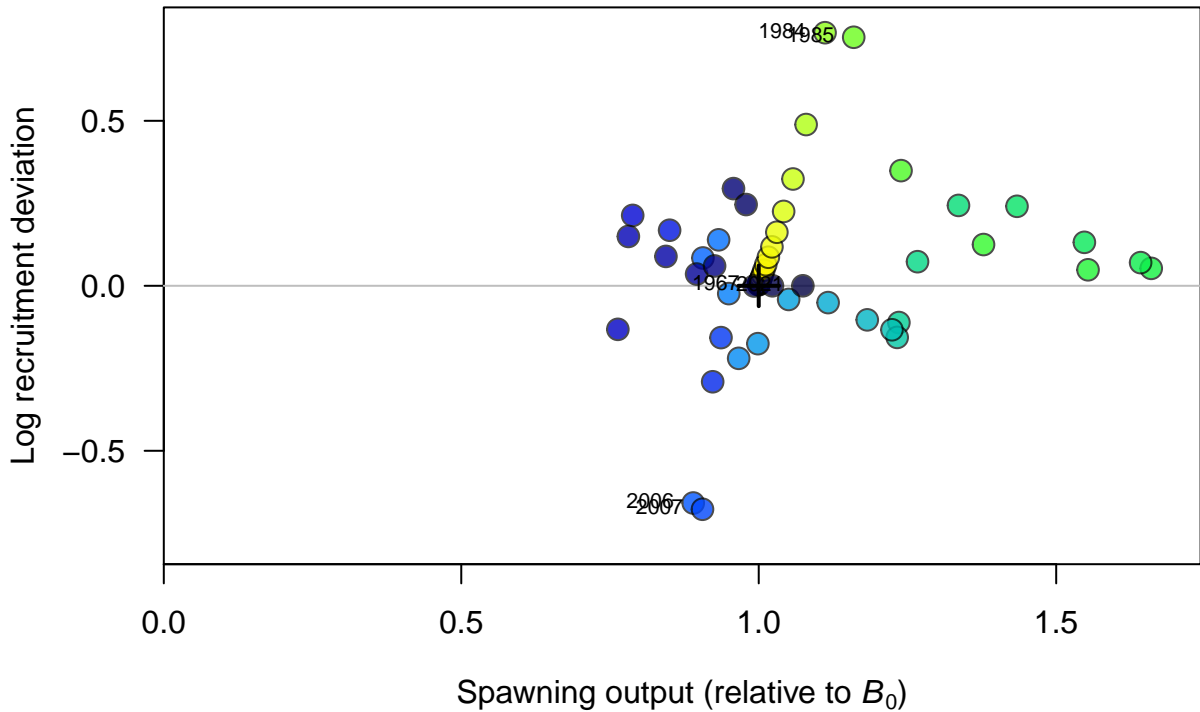


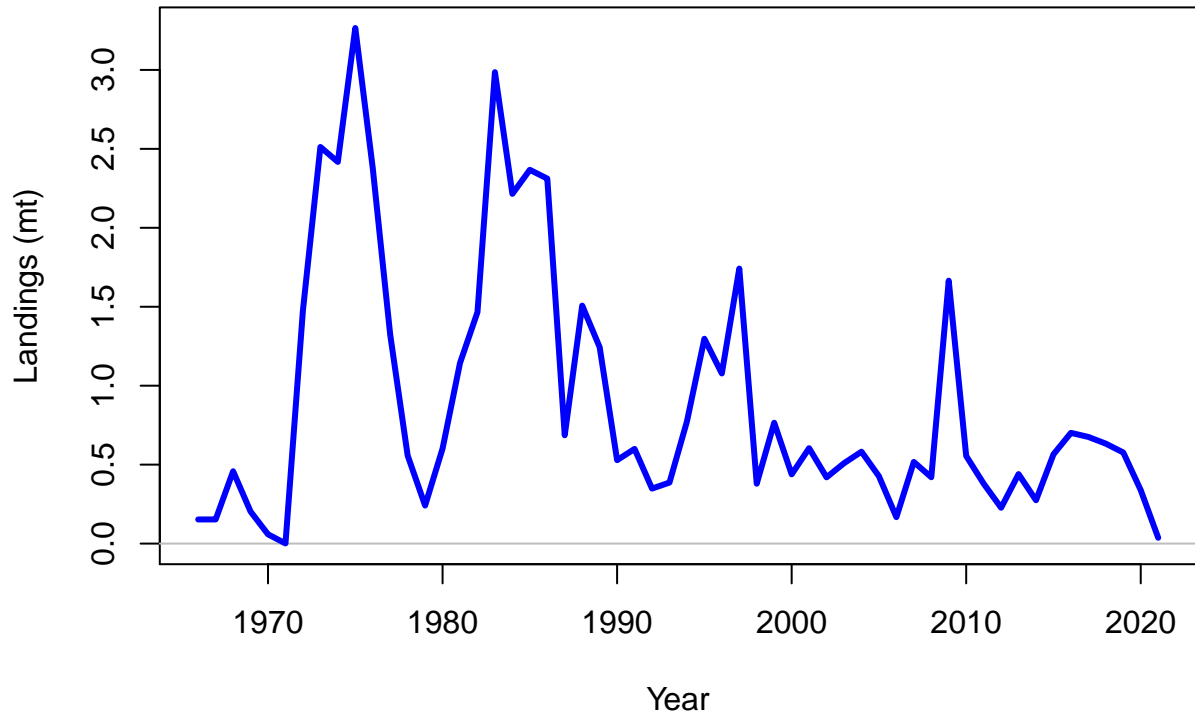
Log recruitment deviation



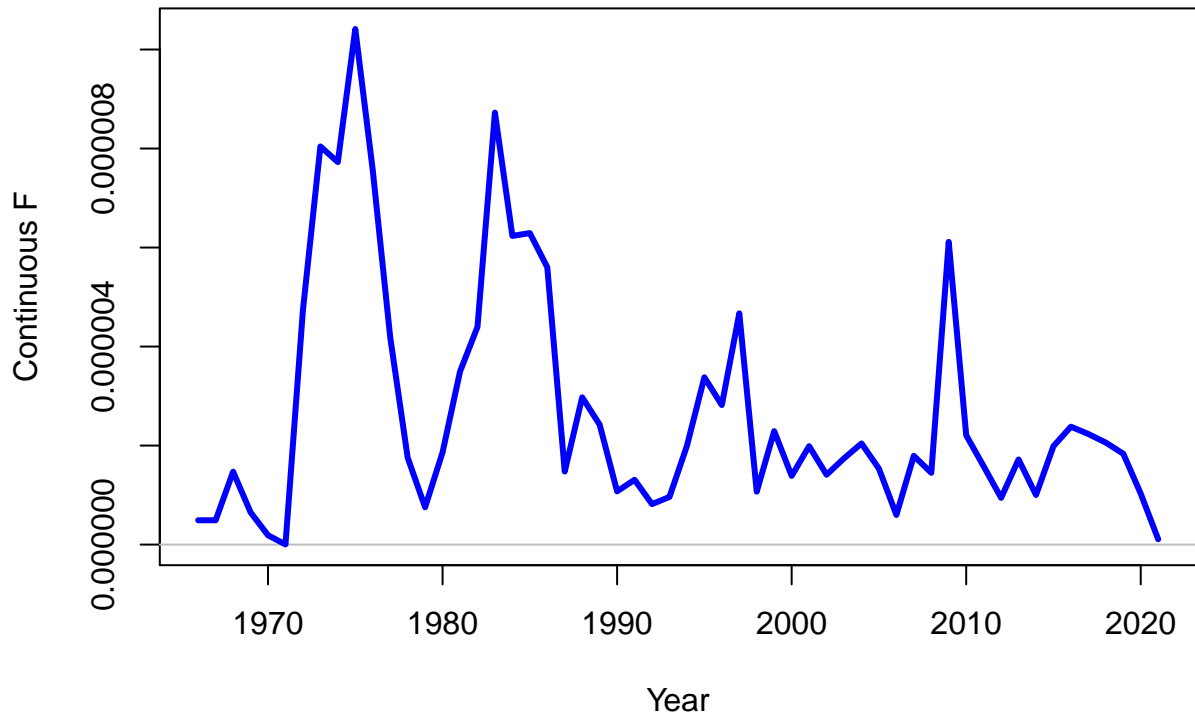




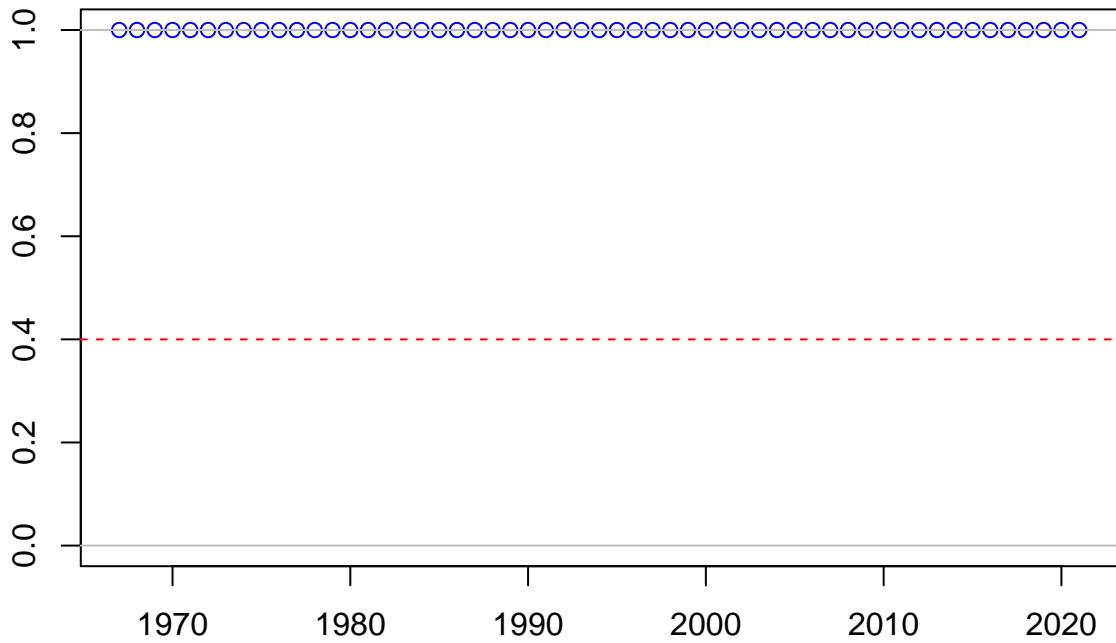






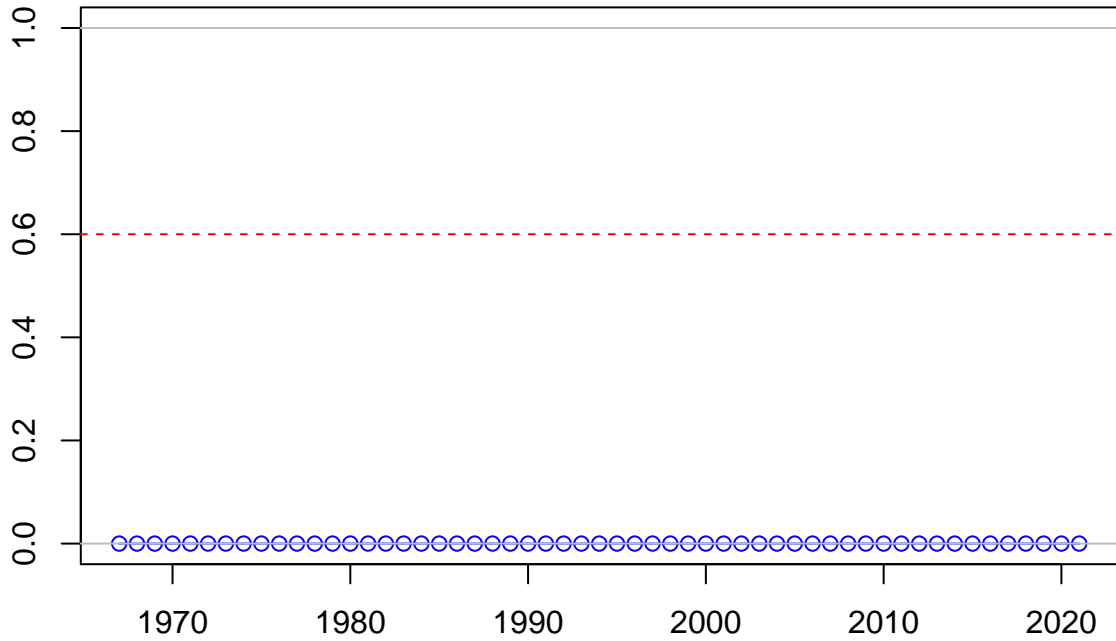


SPR



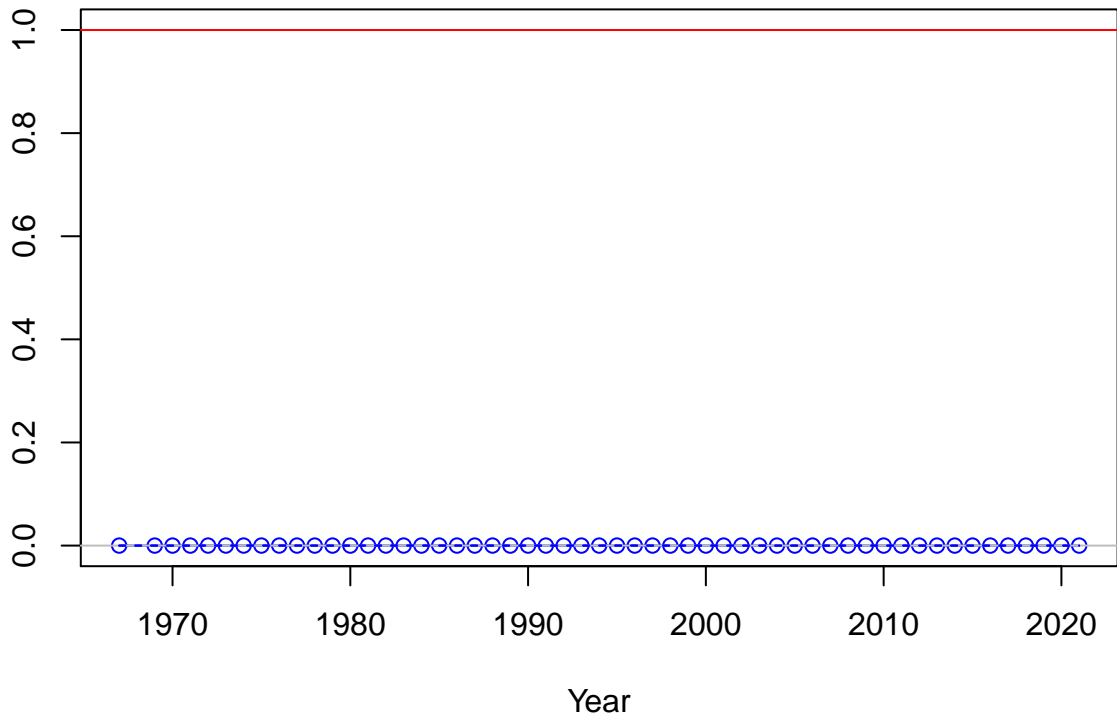
Year

1-SPR

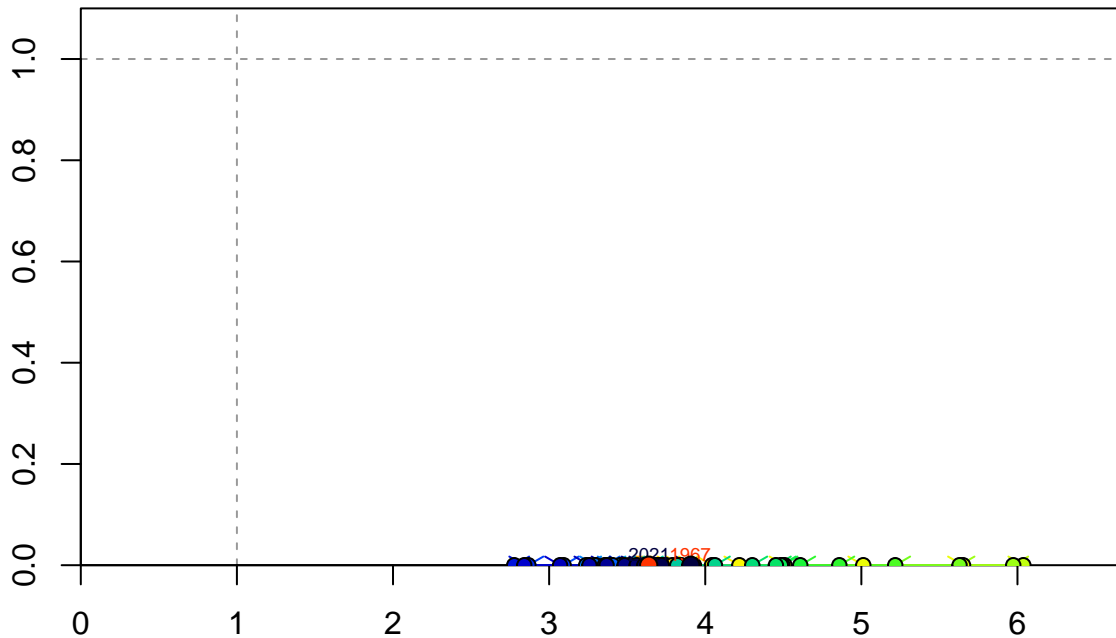


Year

Fishing intensity: 1-SPR

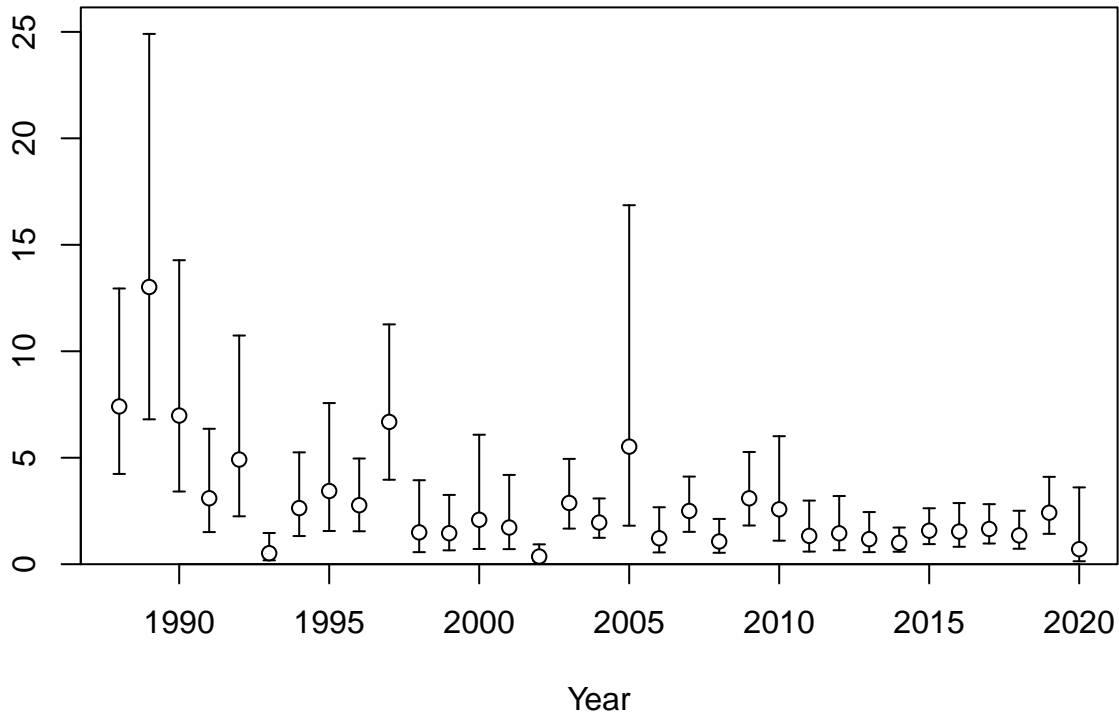


Fishing intensity: 1-SPR

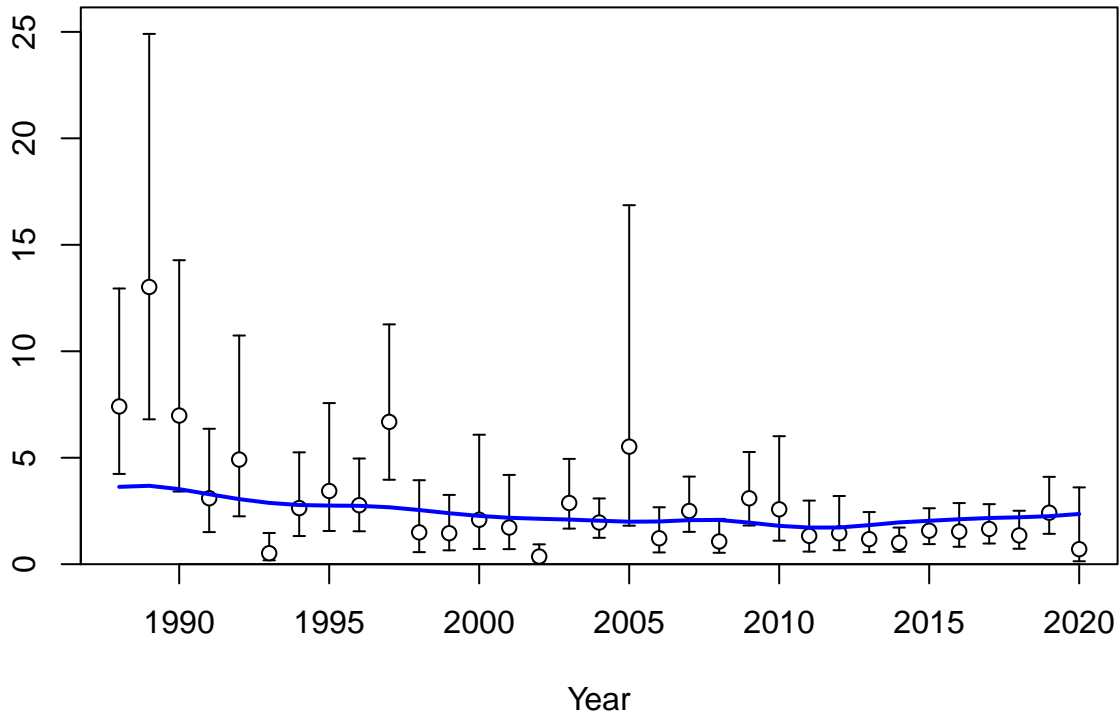


Relative spawning output: B/B_{MSY}

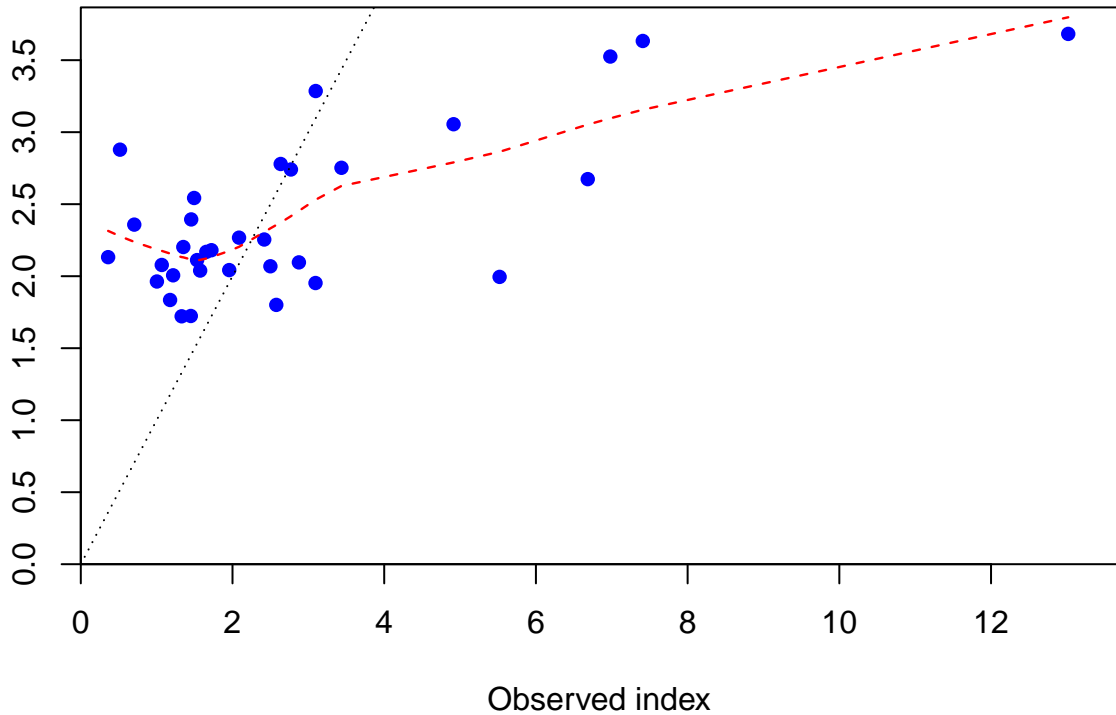
Index



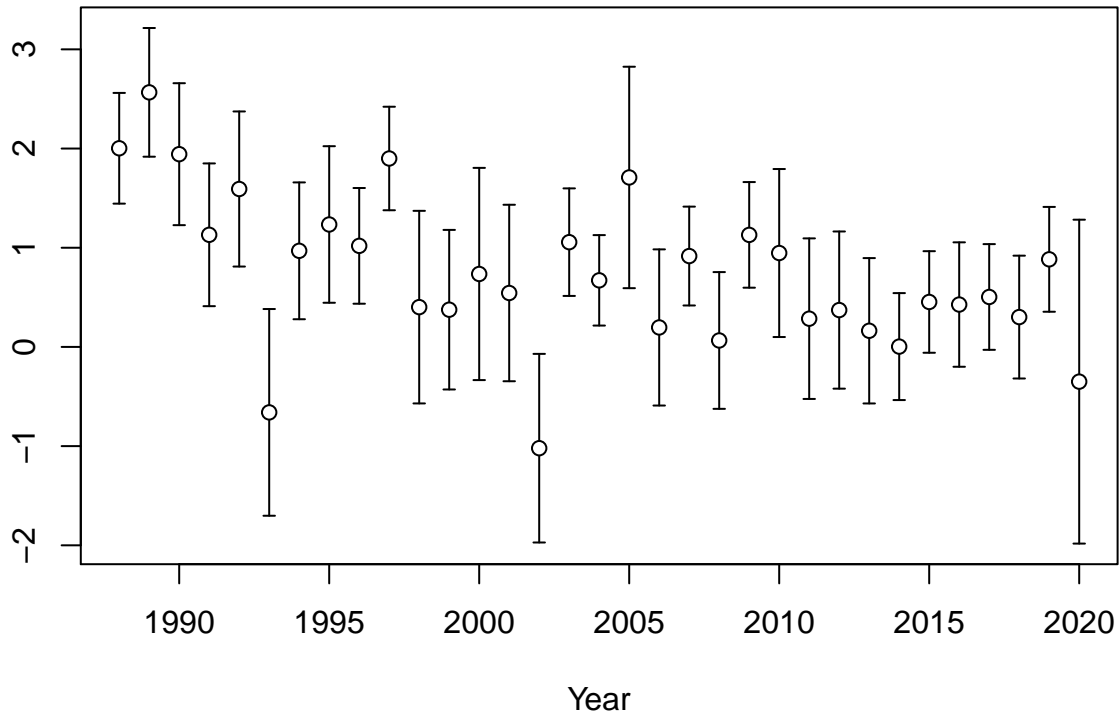
Index

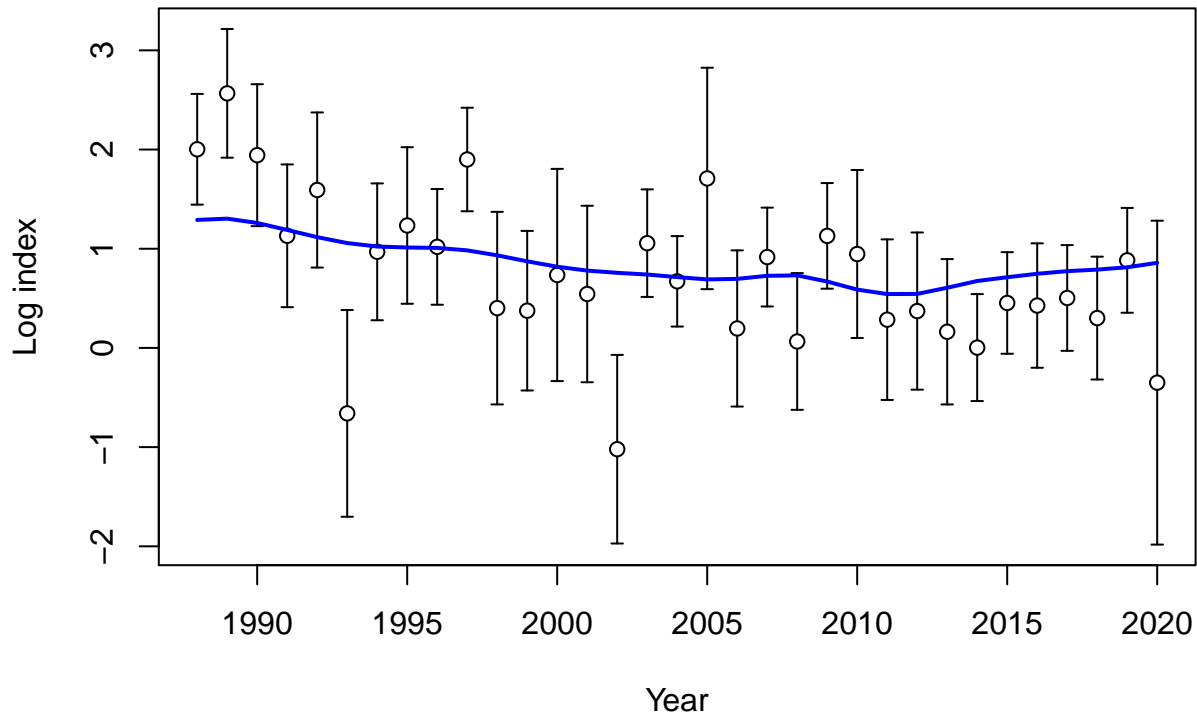


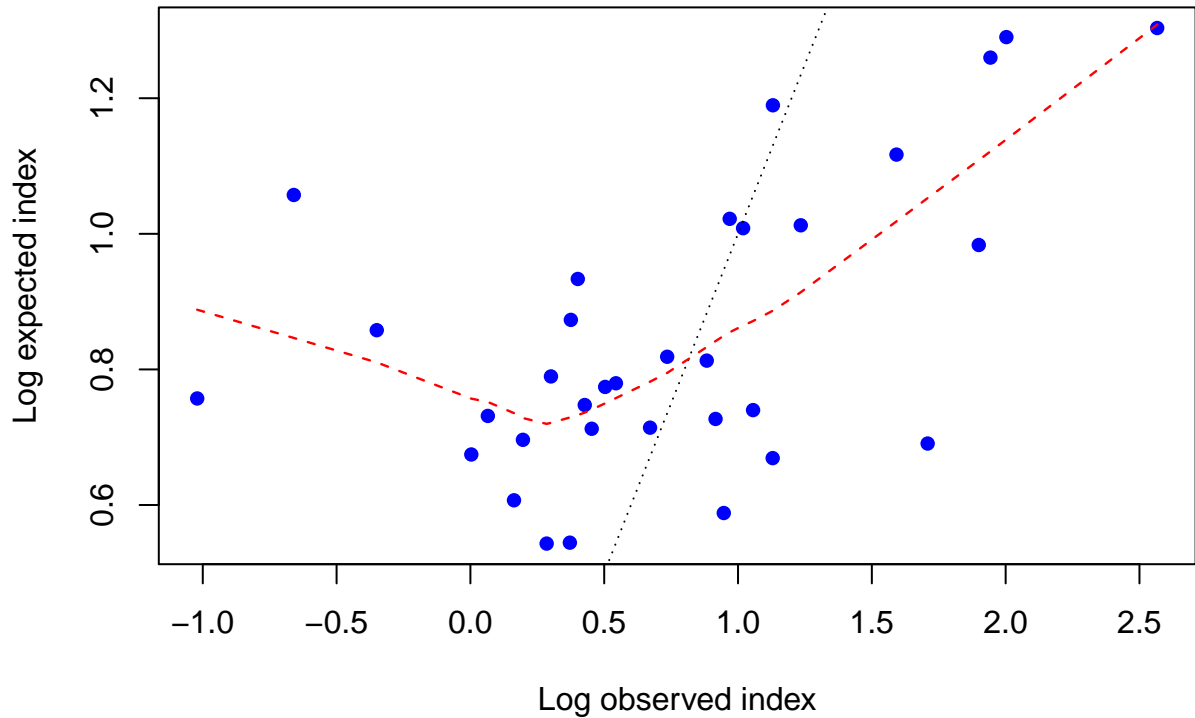
Expected index



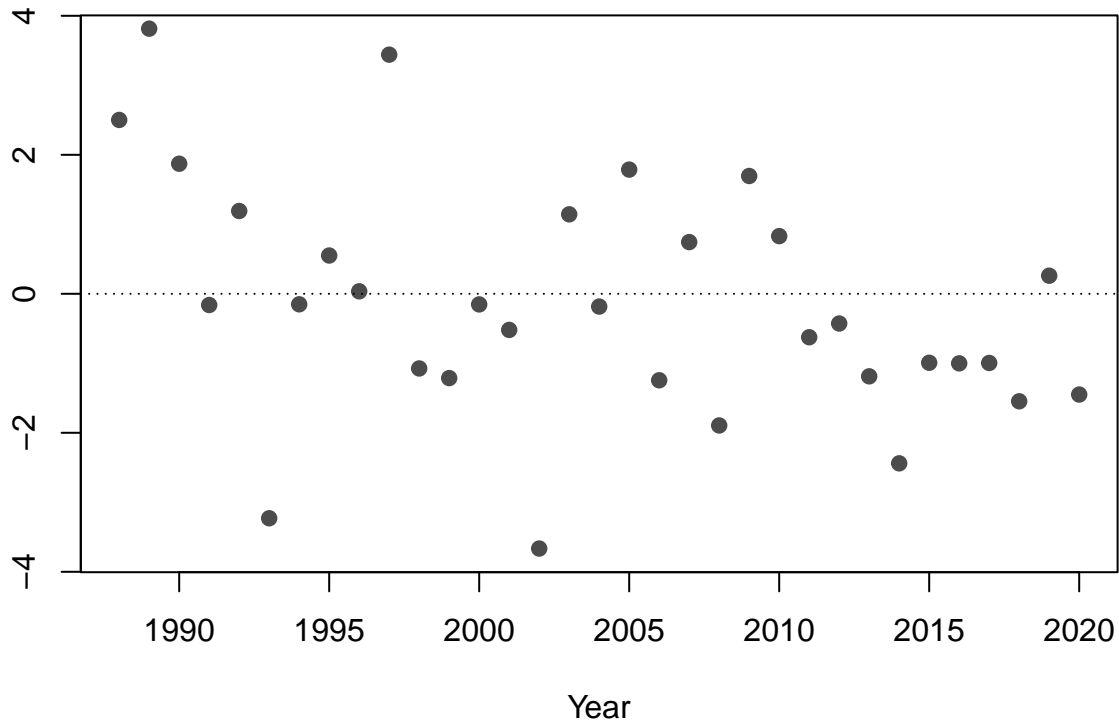
Log index

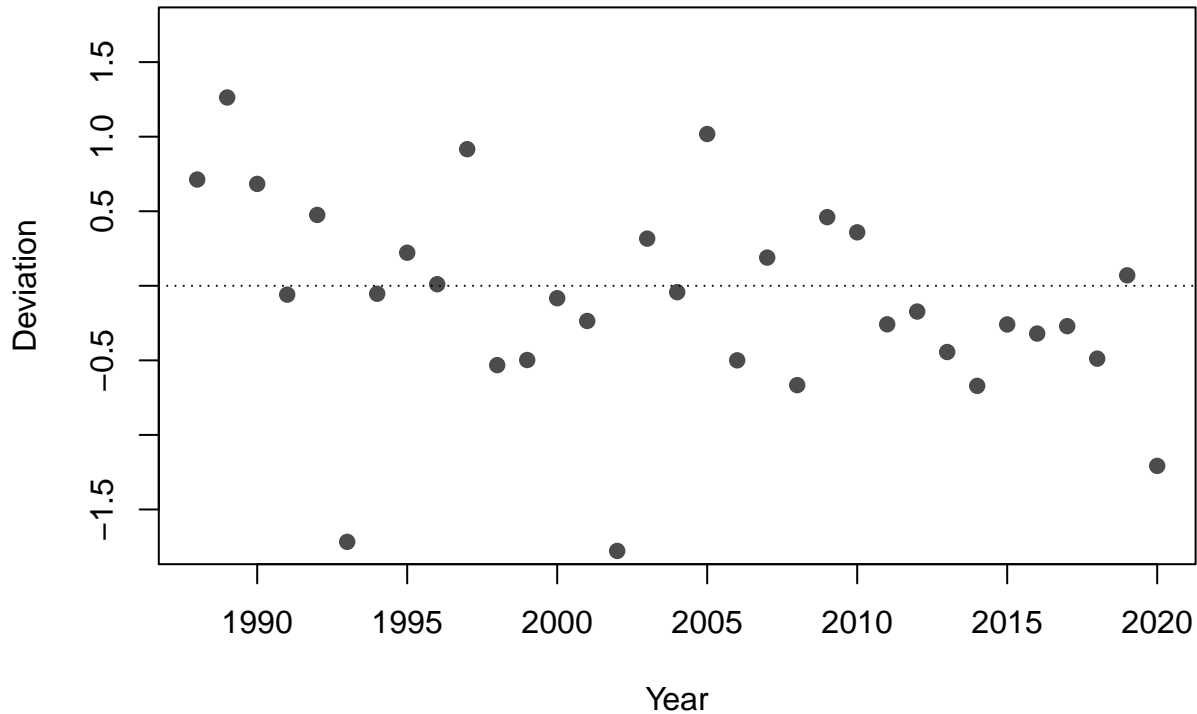




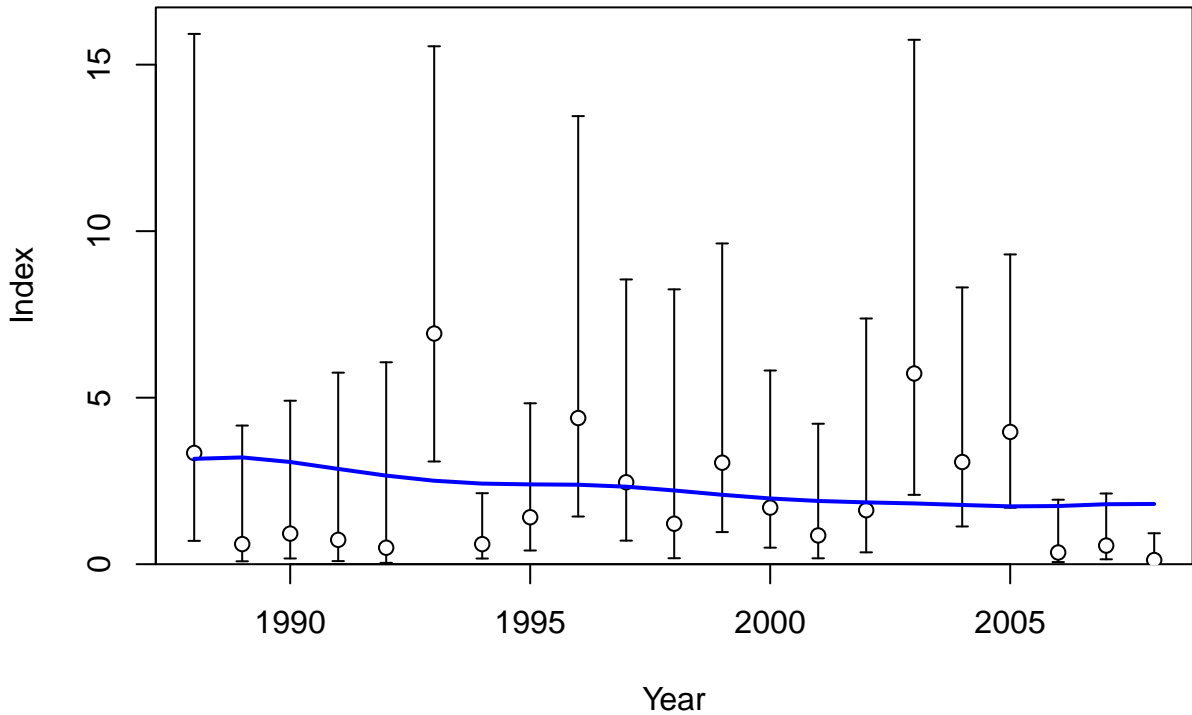


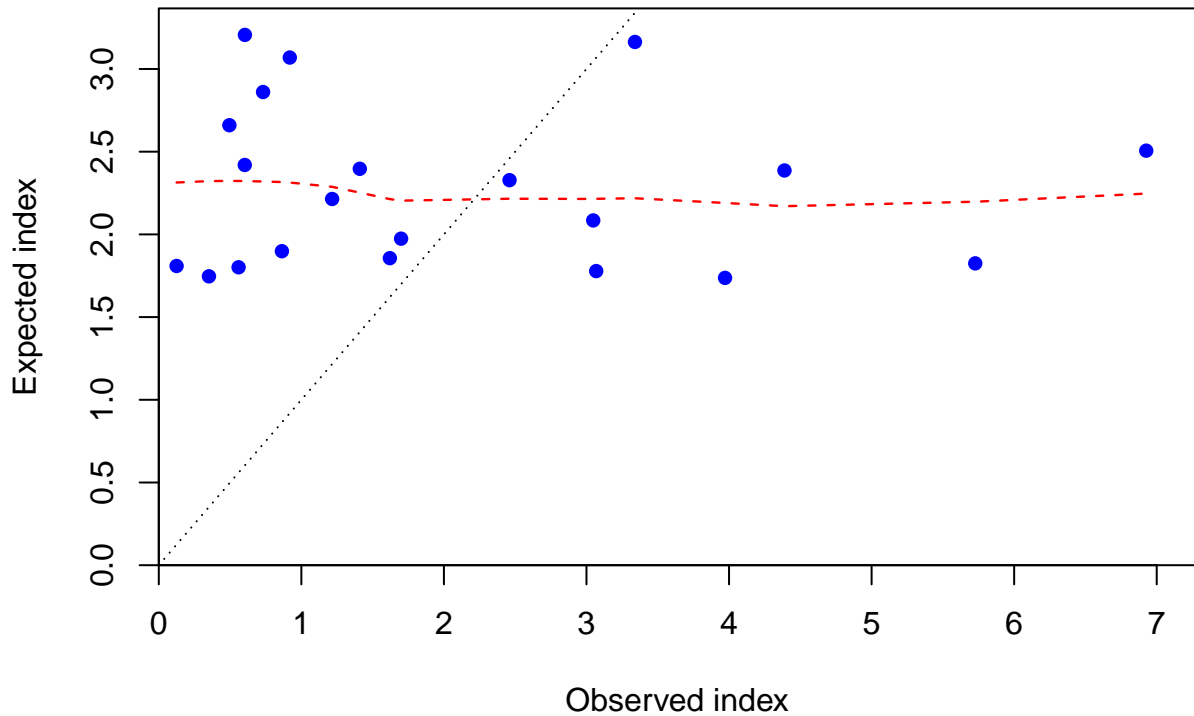
Residual







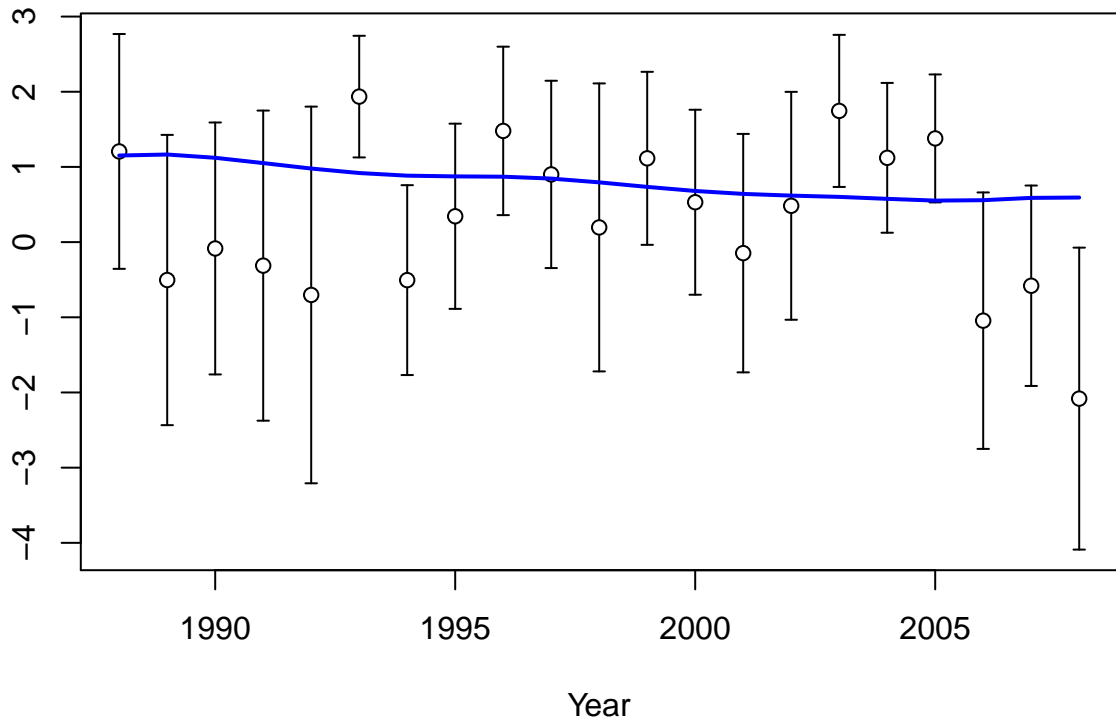


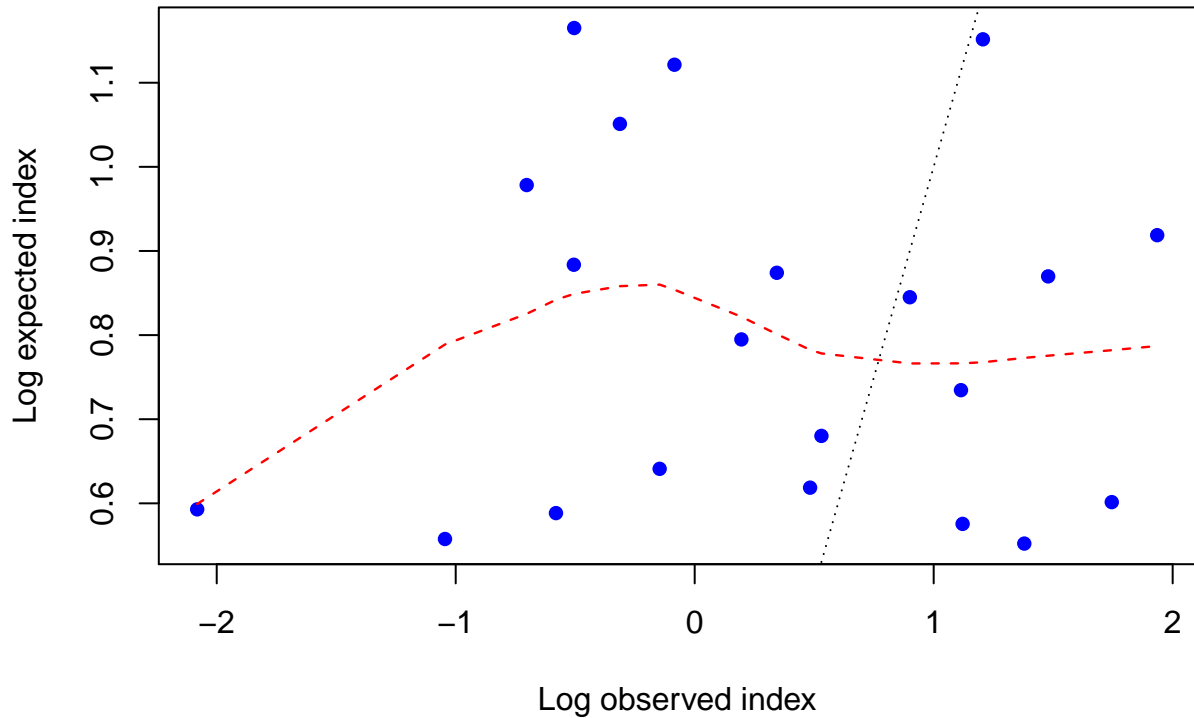


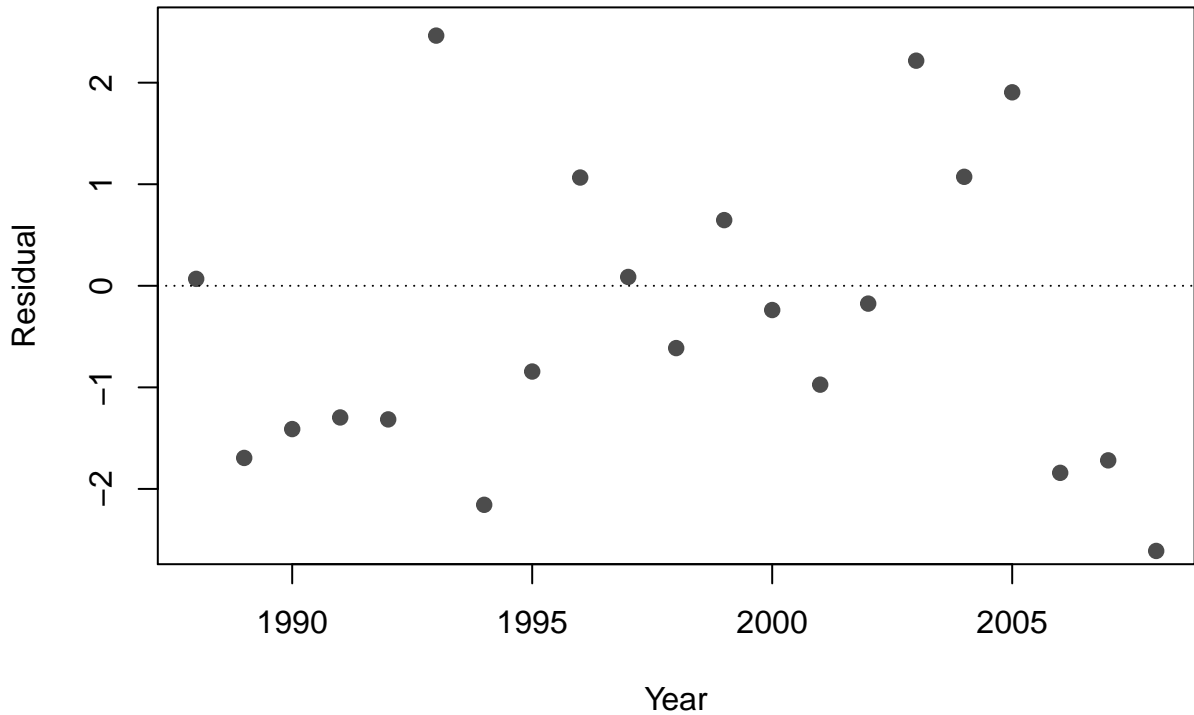
Log index

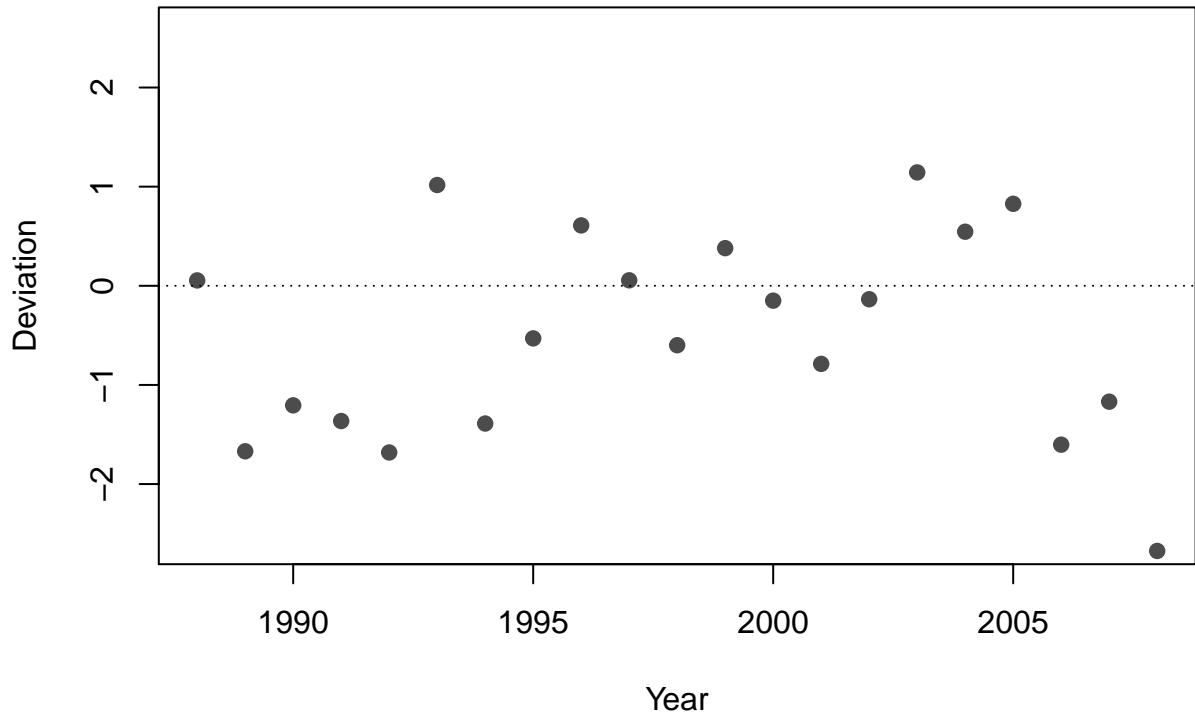


Log index



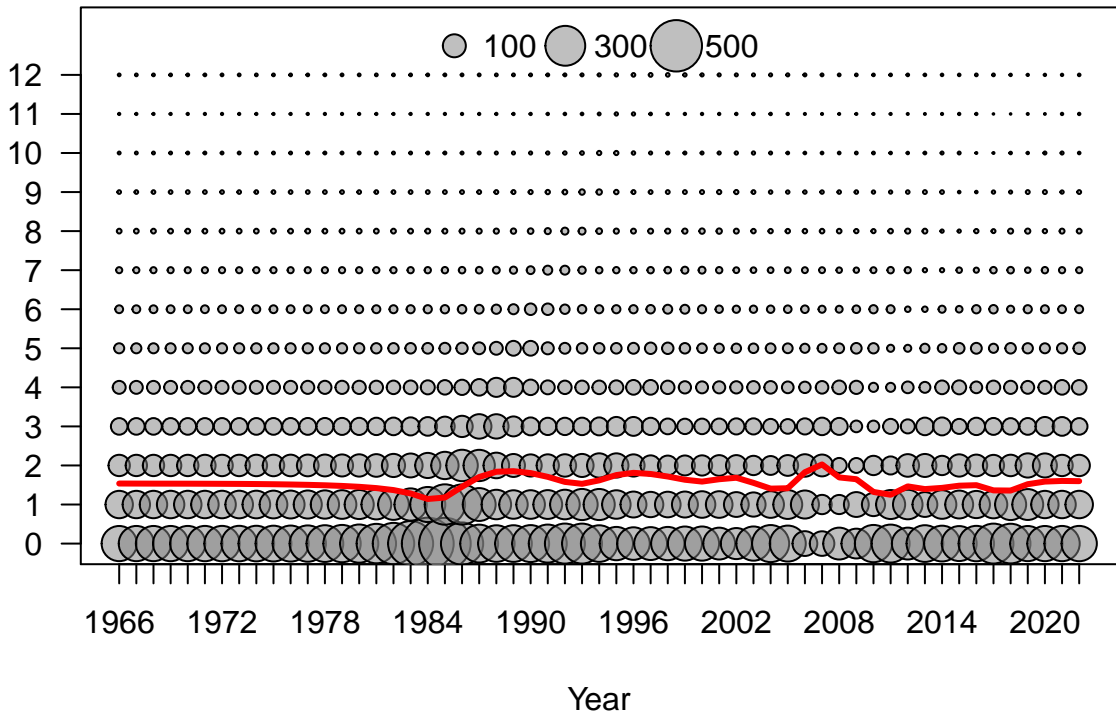


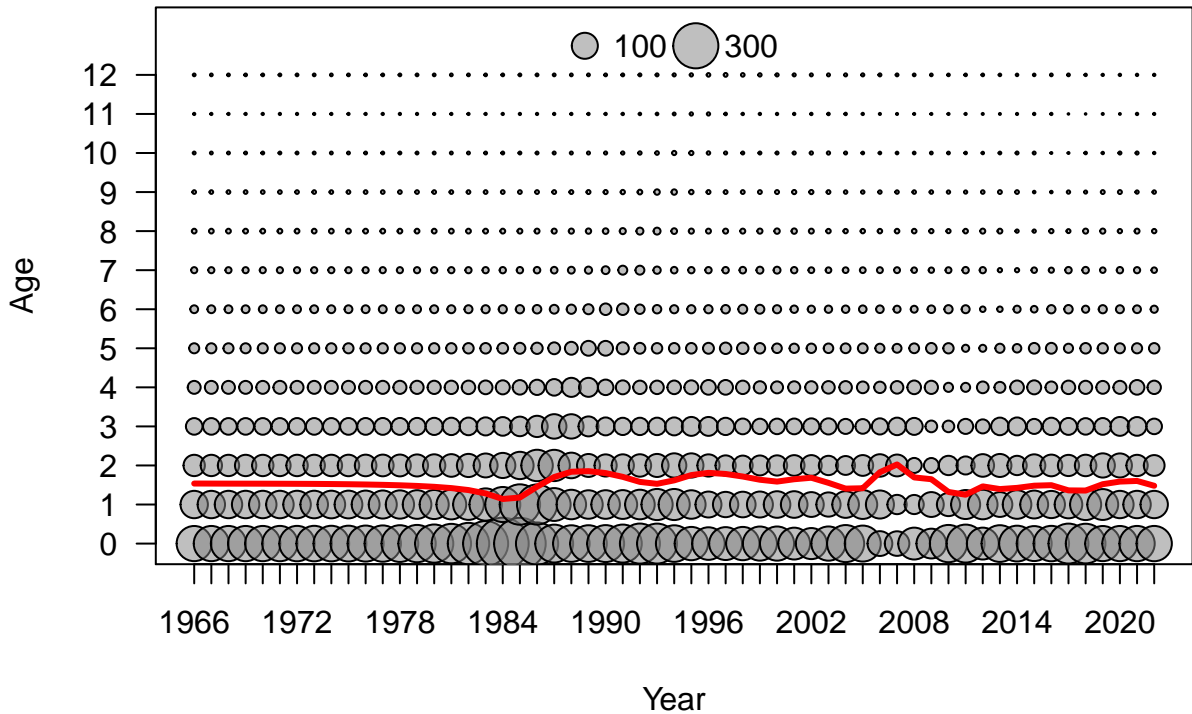


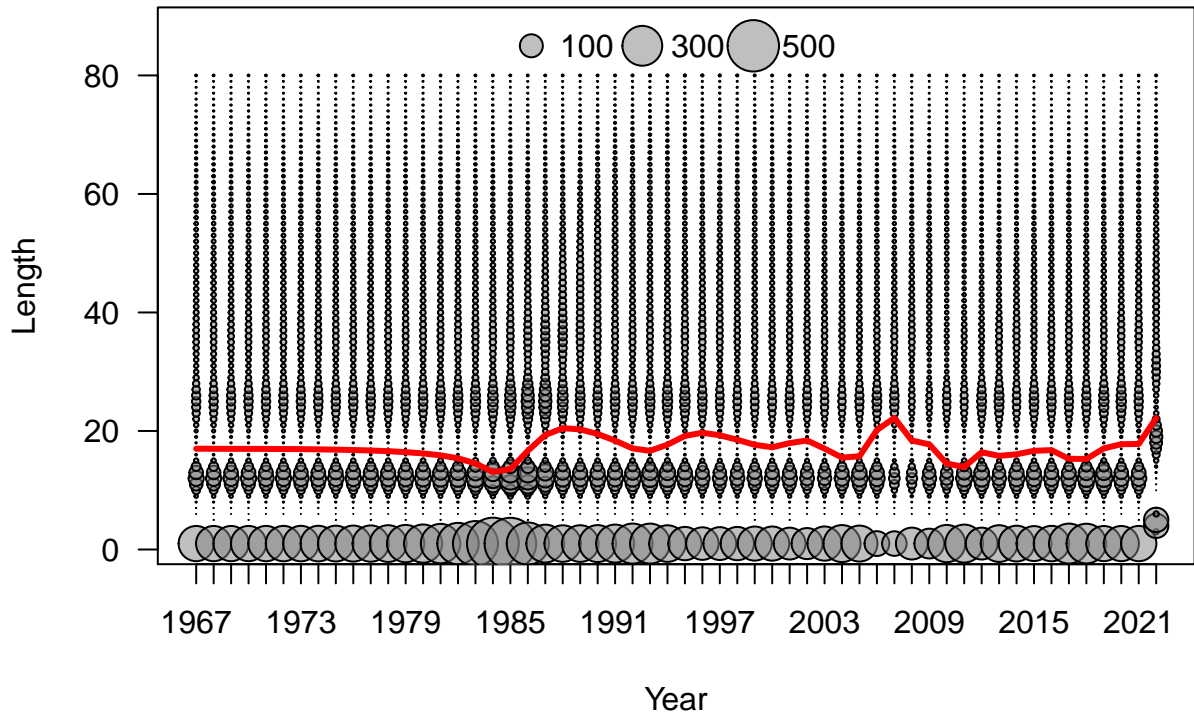


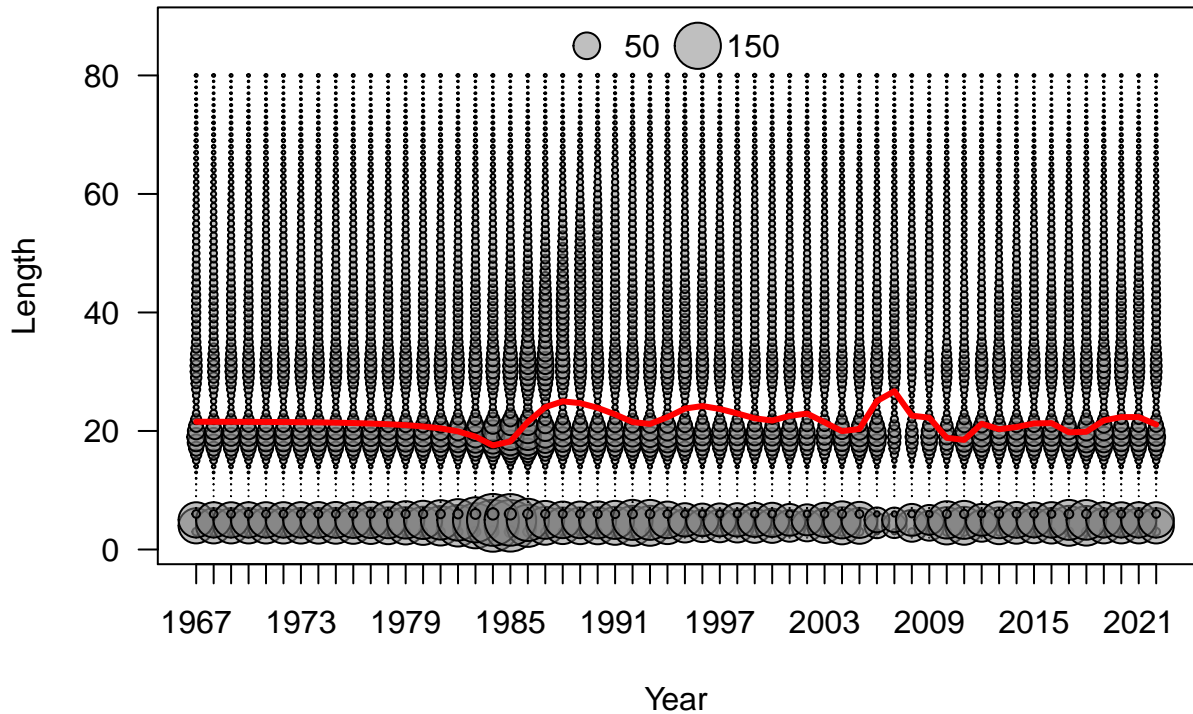


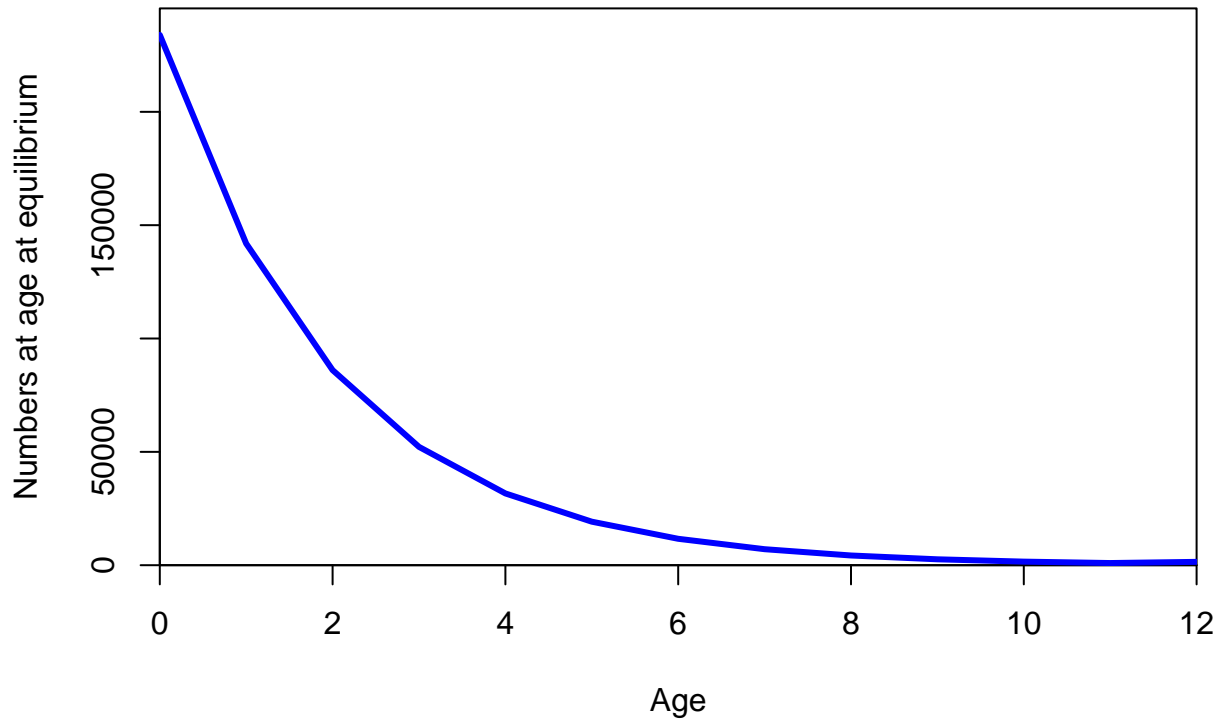
Age





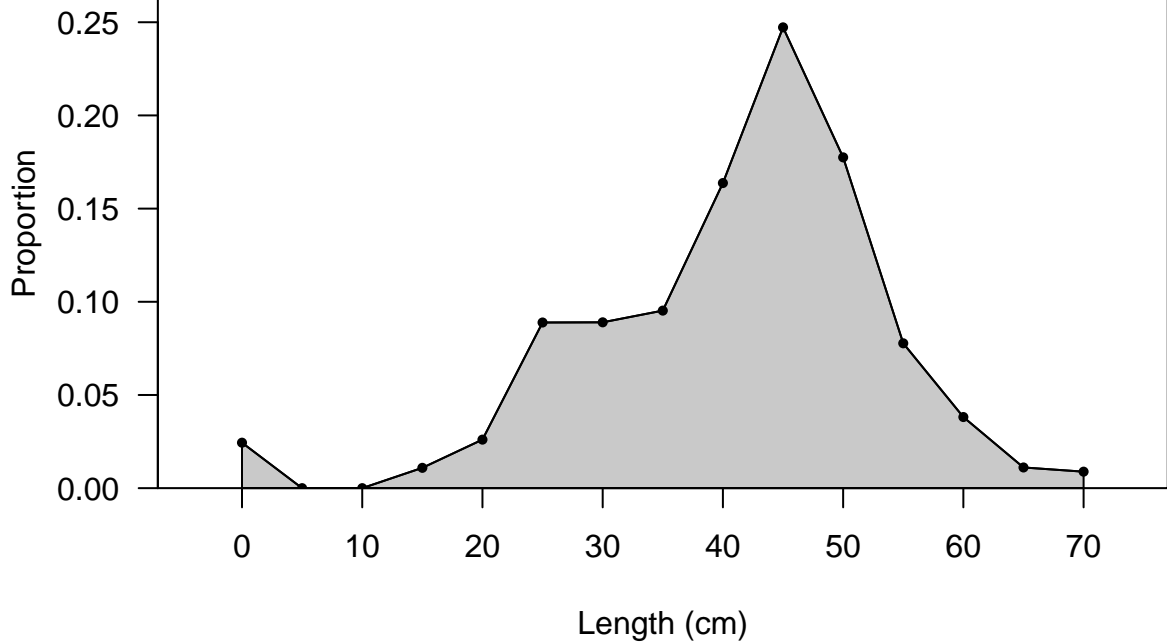


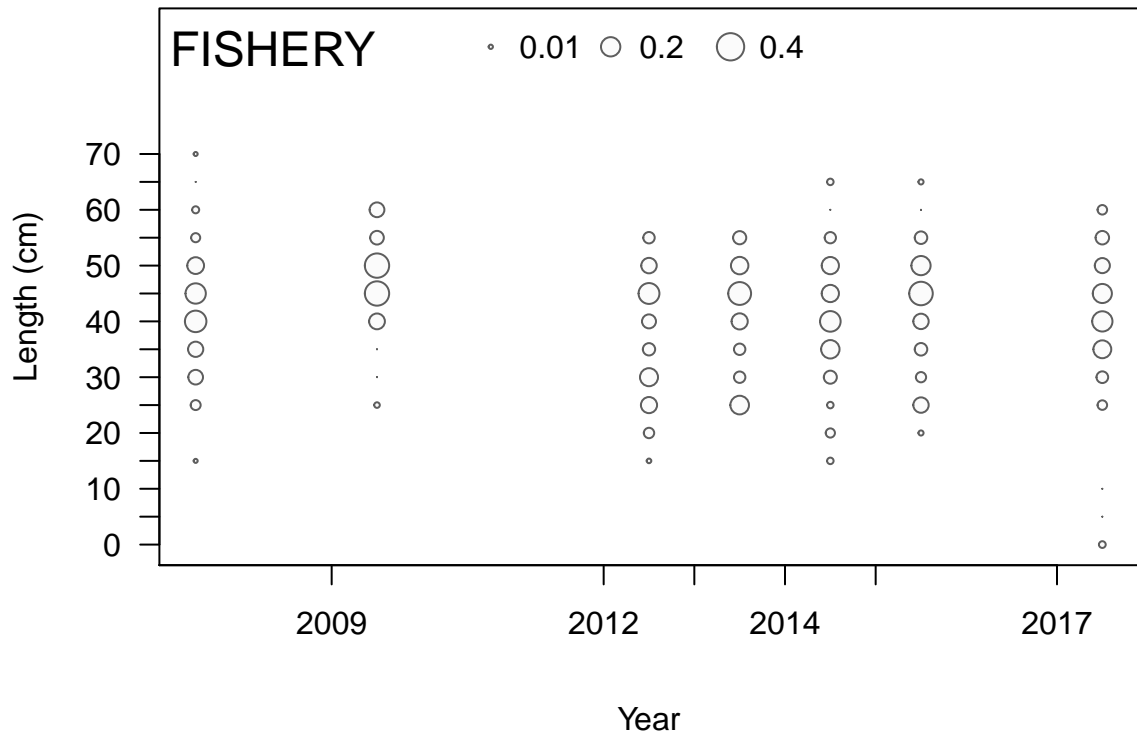




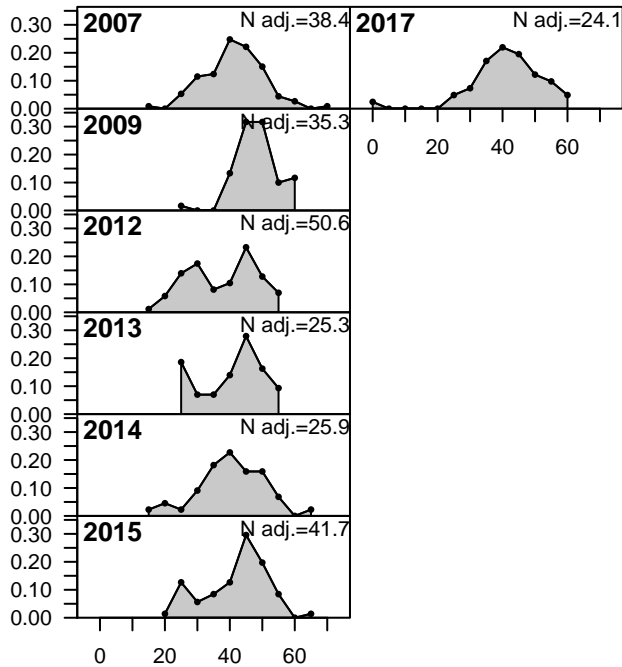
FISHERY

Sum of N adj.=241.2

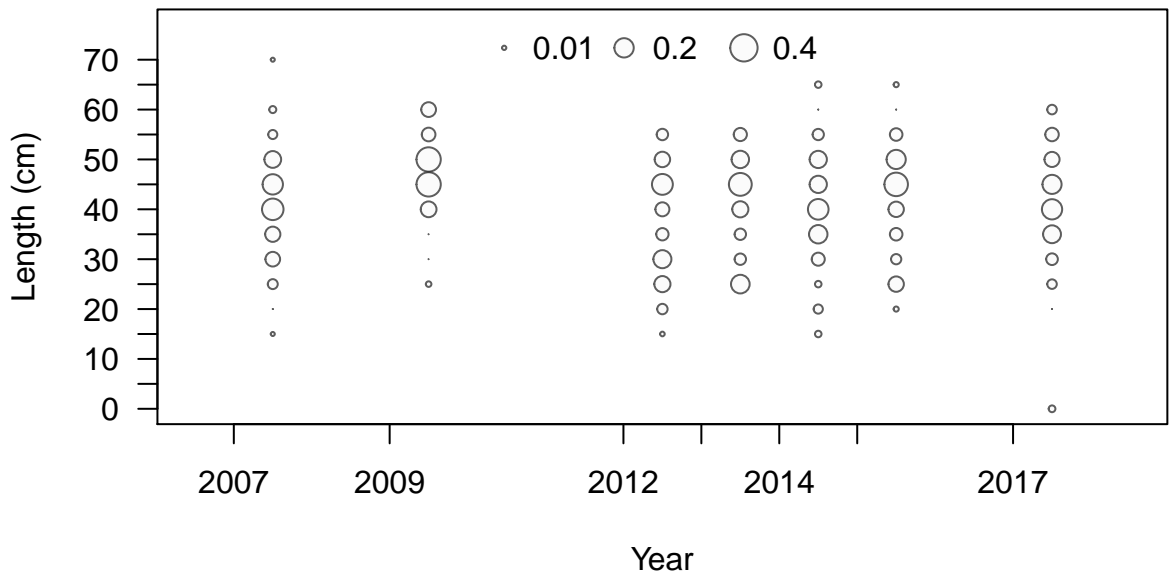




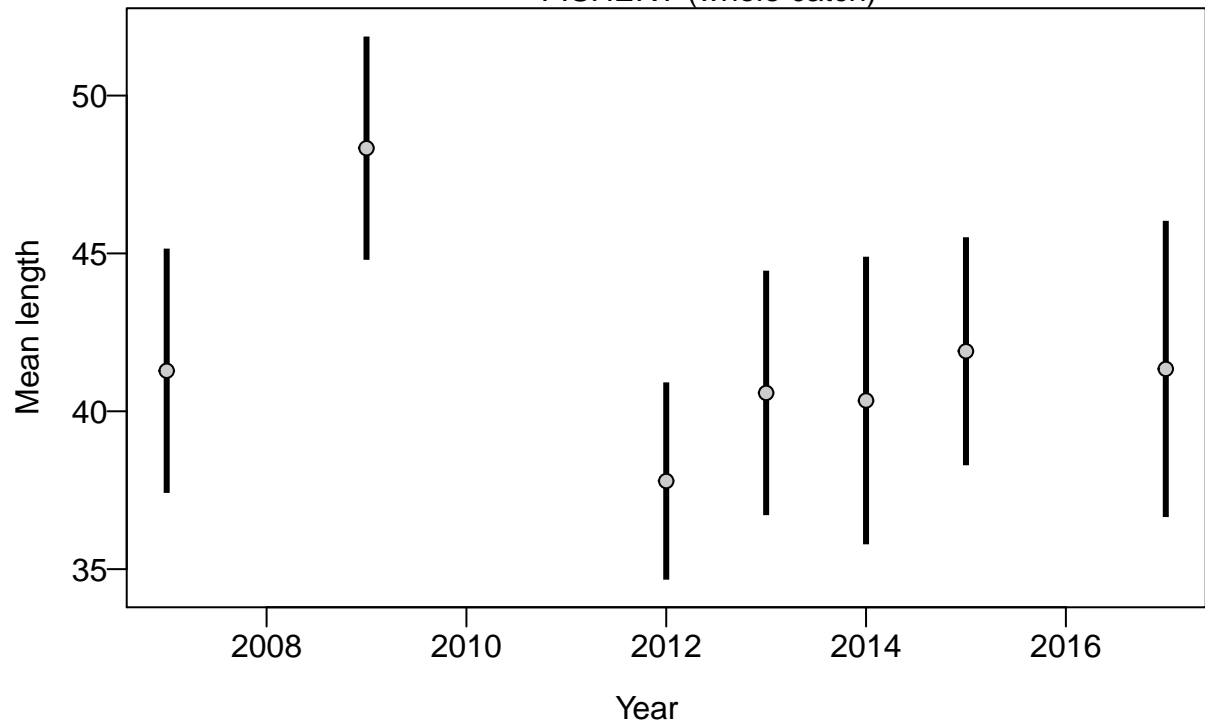
Proportion



Length (cm)

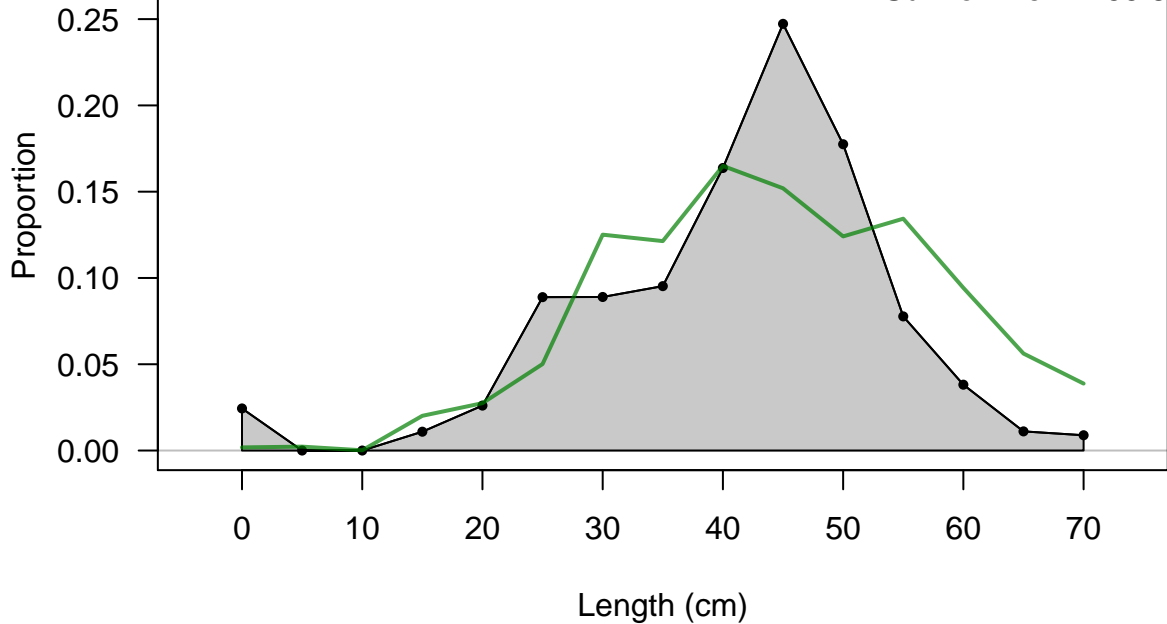


FISHERY (whole catch)



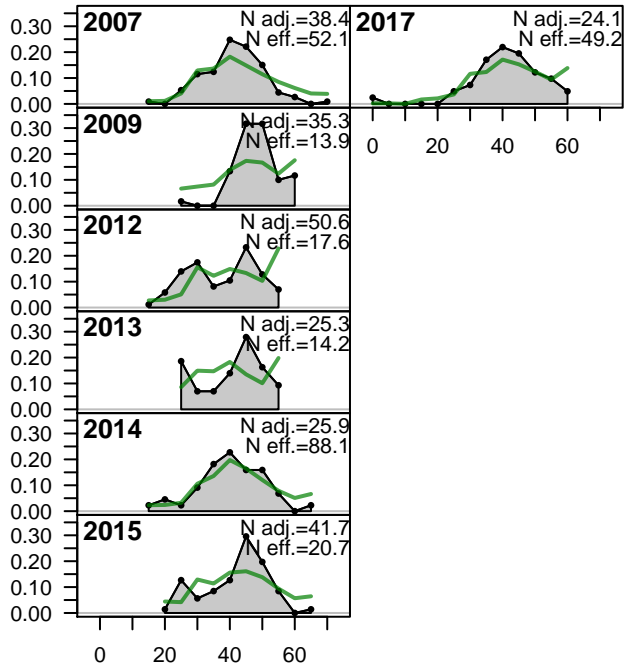
FISHERY

Sum of N adj.=241.2
Sum of N eff.=255.8

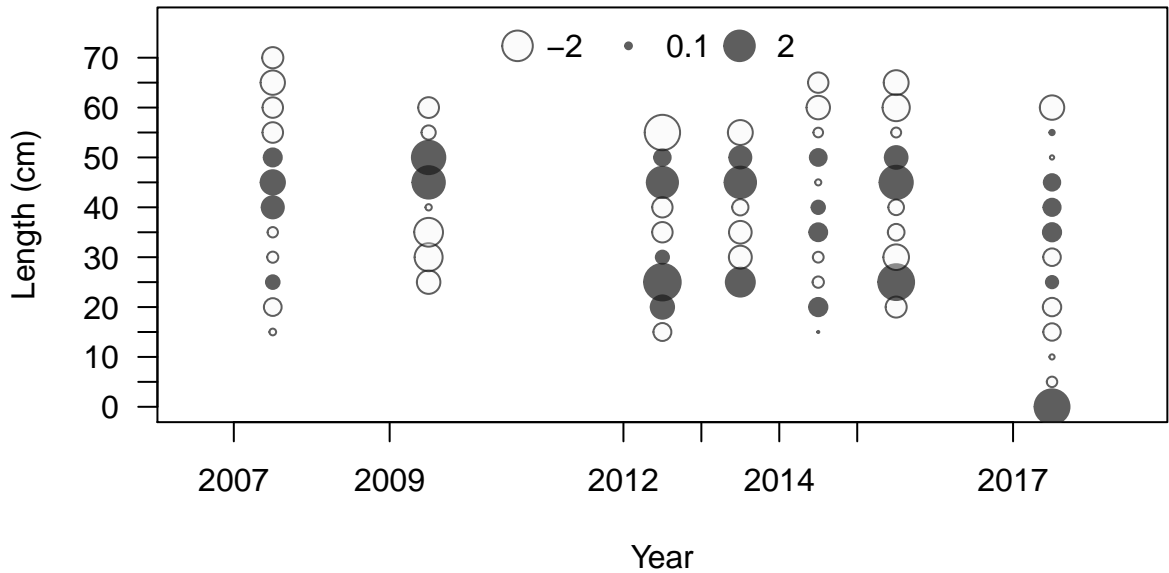


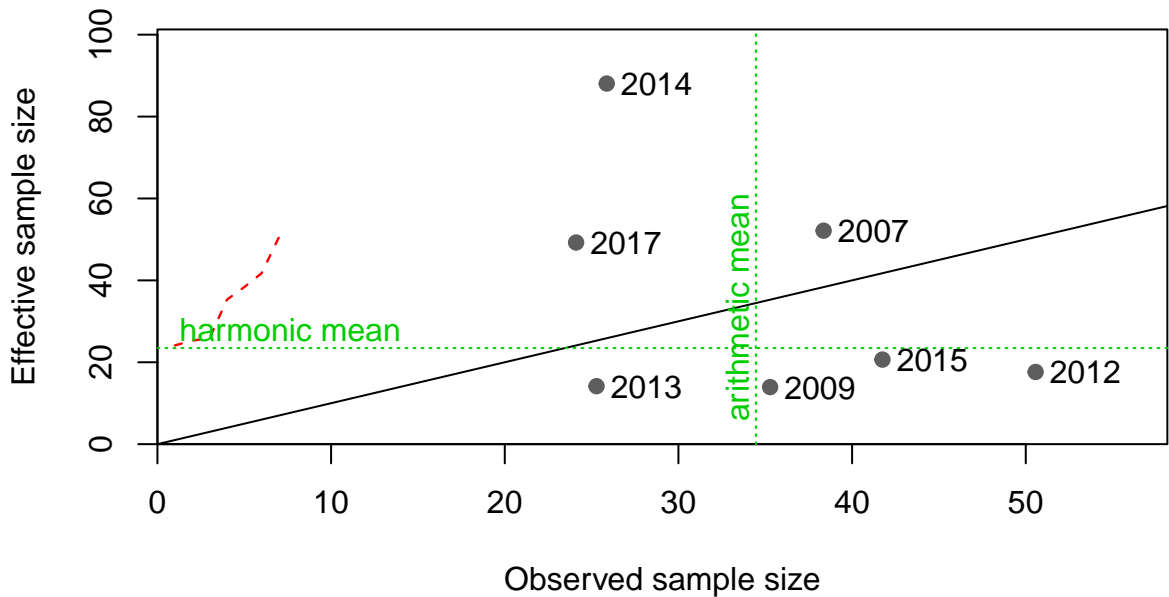


Proportion

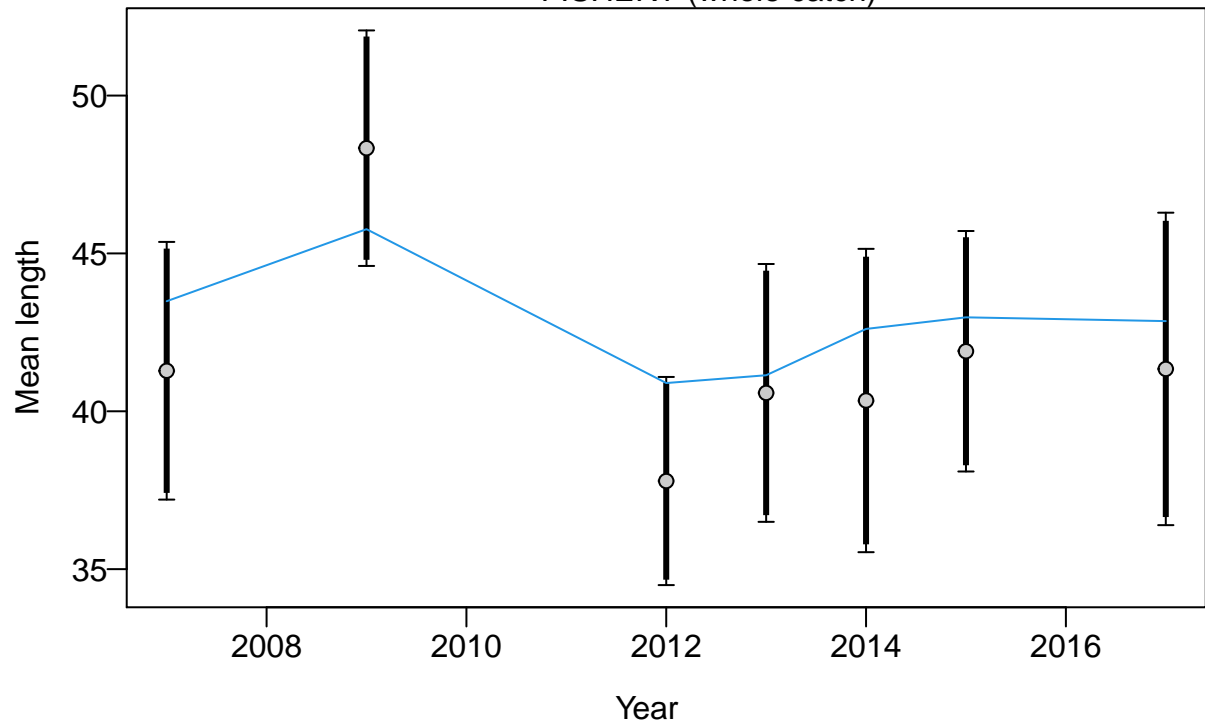


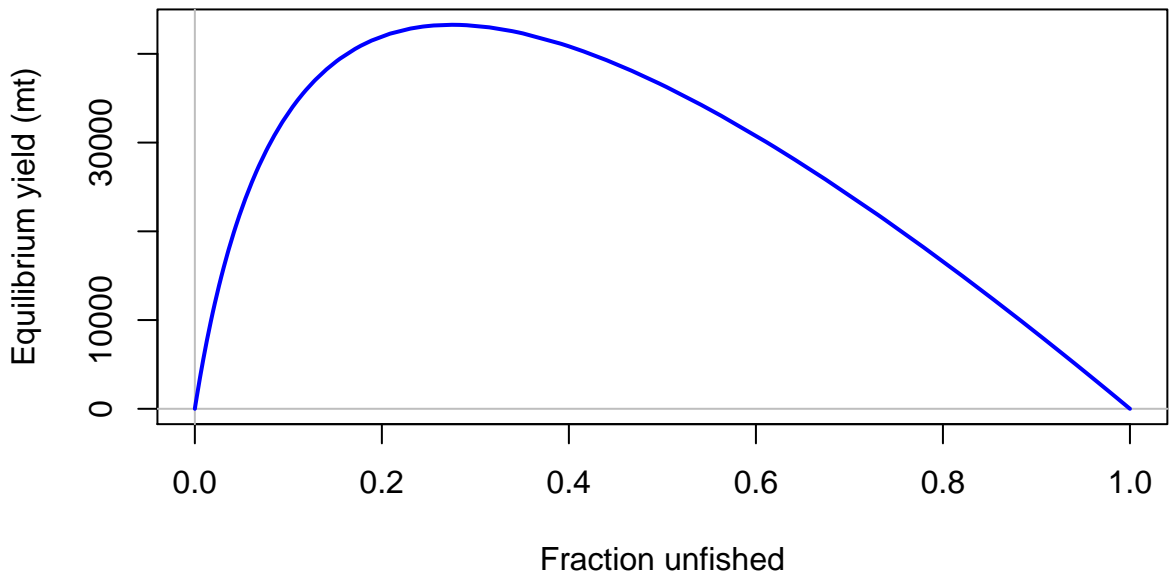
Length (cm)

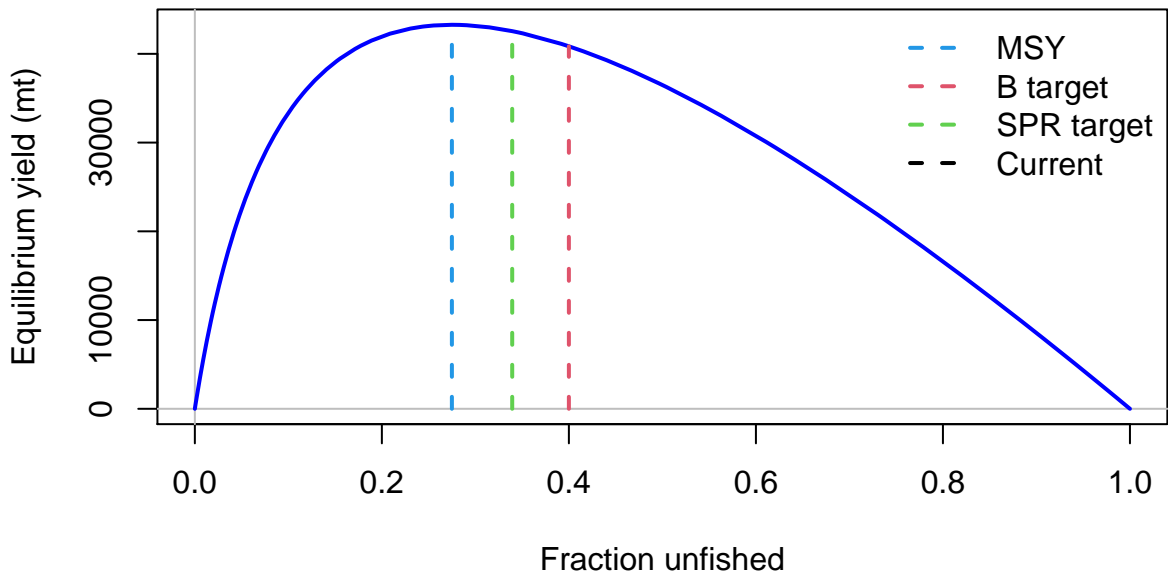


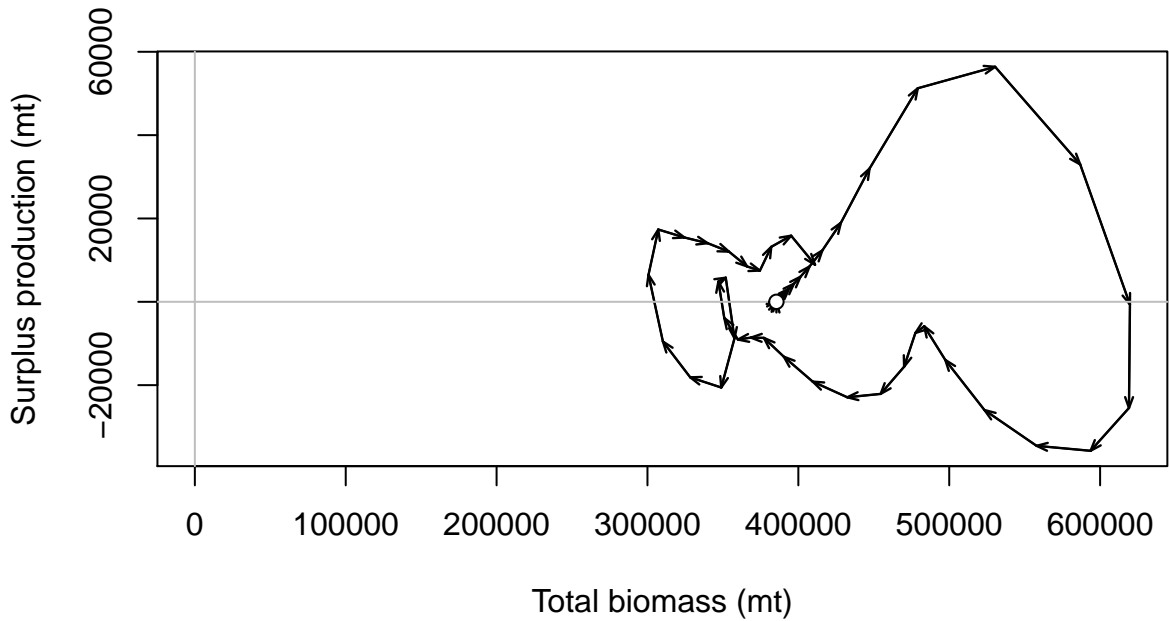


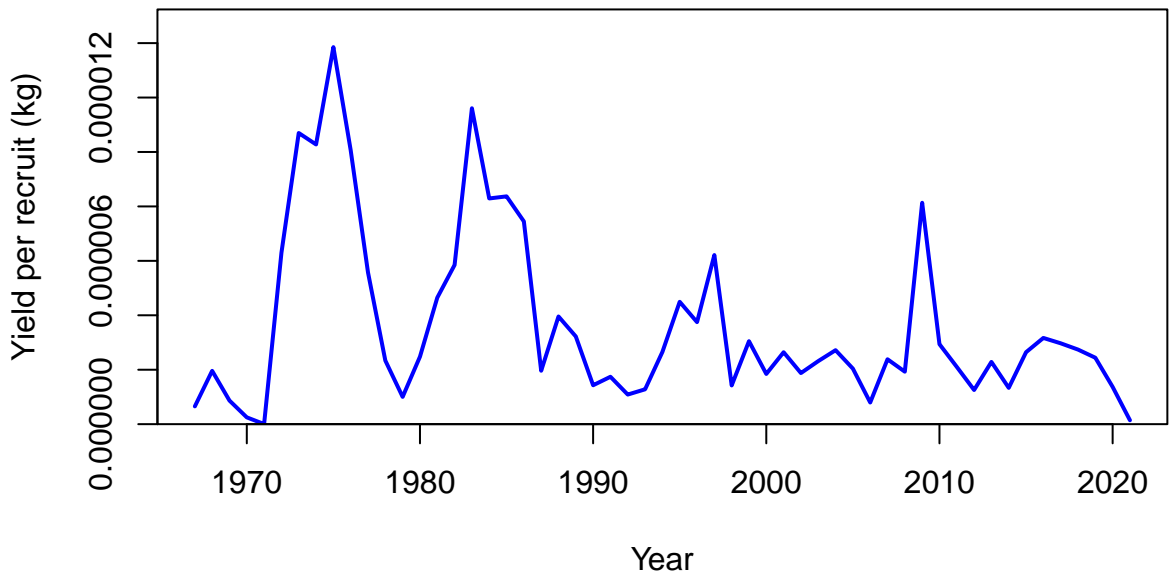
FISHERY (whole catch)



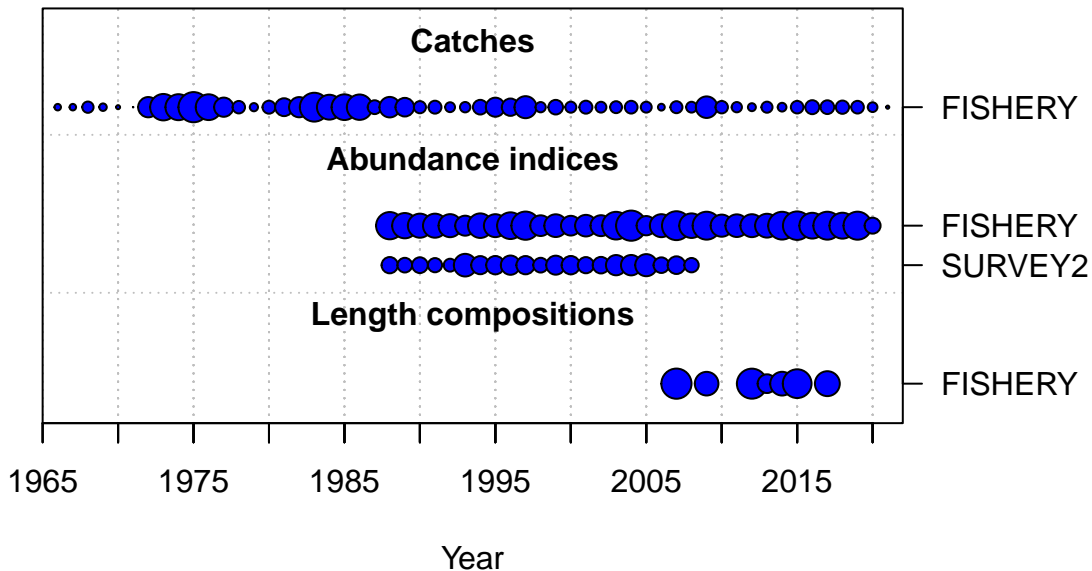






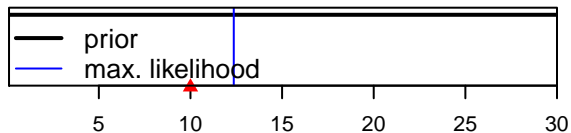




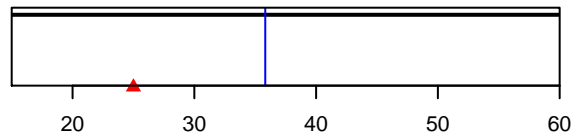


Density

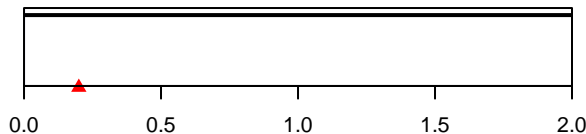
SR_LN(R0)



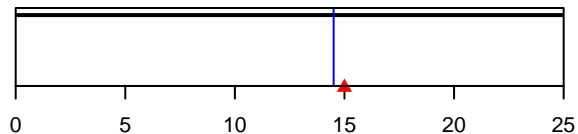
Size_inflection_FISHERY(1)



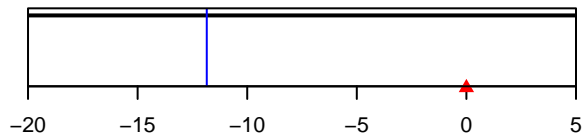
InitF_seas_1_flt_1FISHERY



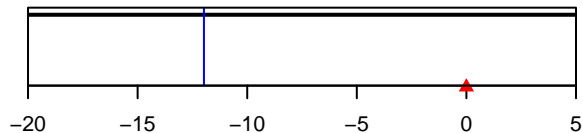
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



LnQ_base_SURVEY2(2)



Parameter value