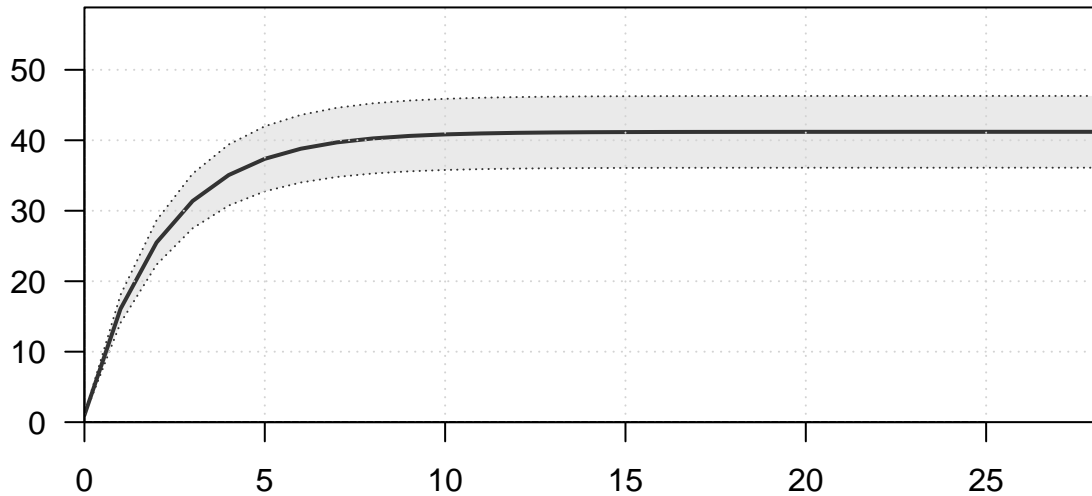


Plots created using the 'r4ss' package in R
Stock Synthesis version: 3.30.19.0
StartTime: Fri Aug 12 13:55:47 2022
Data_File: data.ss
Control_File: control.ss

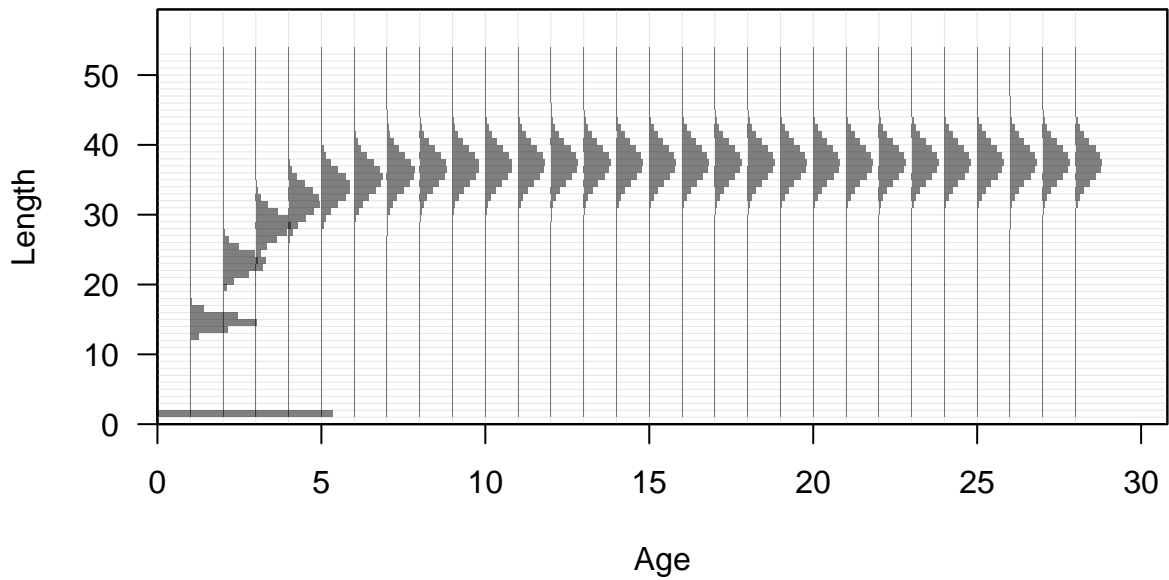
Length (cm, beginning of the year)



Age (yr)

























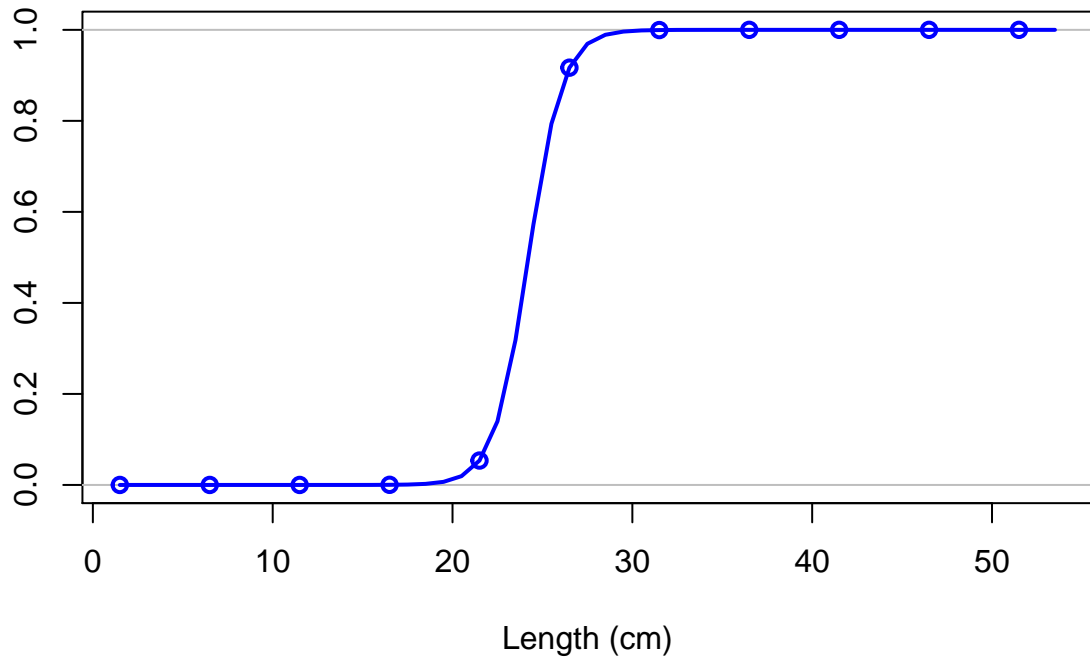




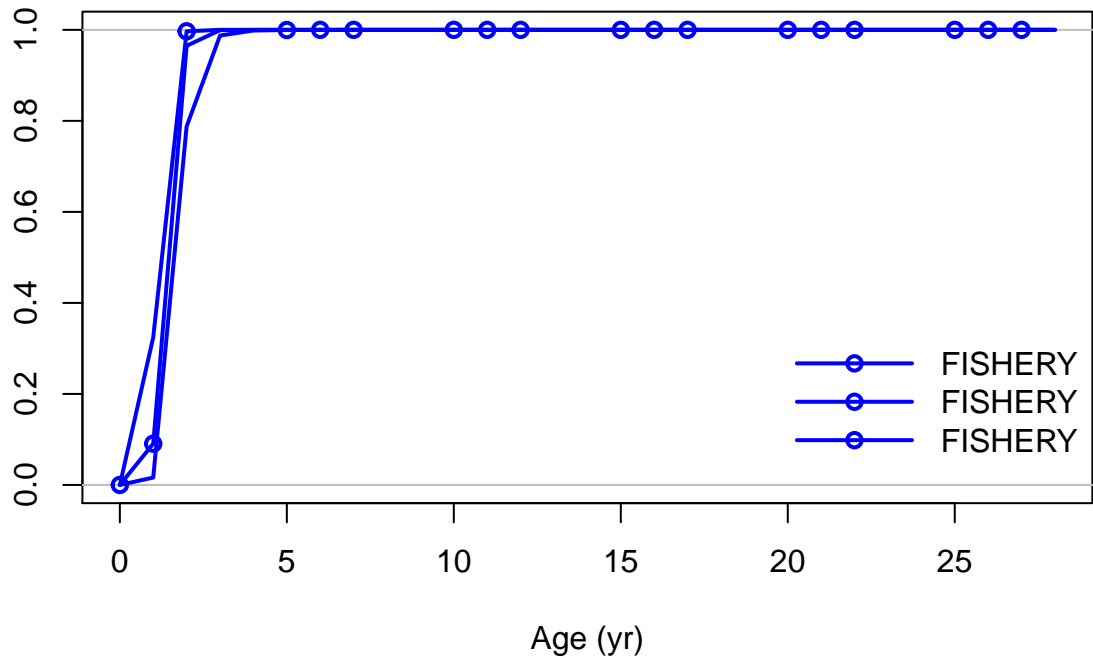
Spawning output



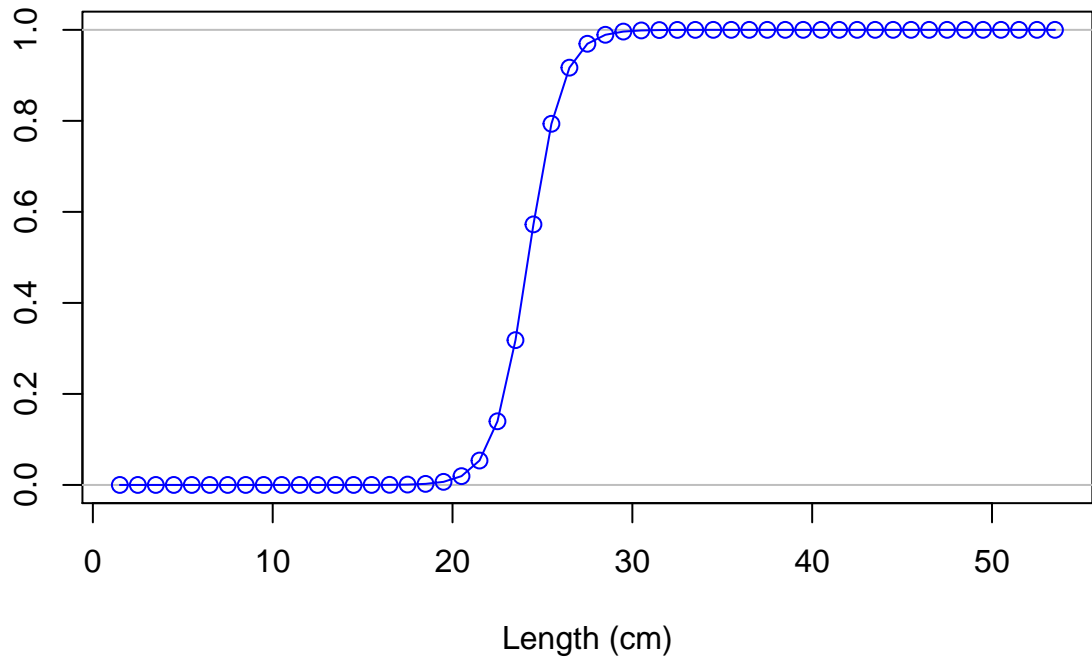
Selectivity

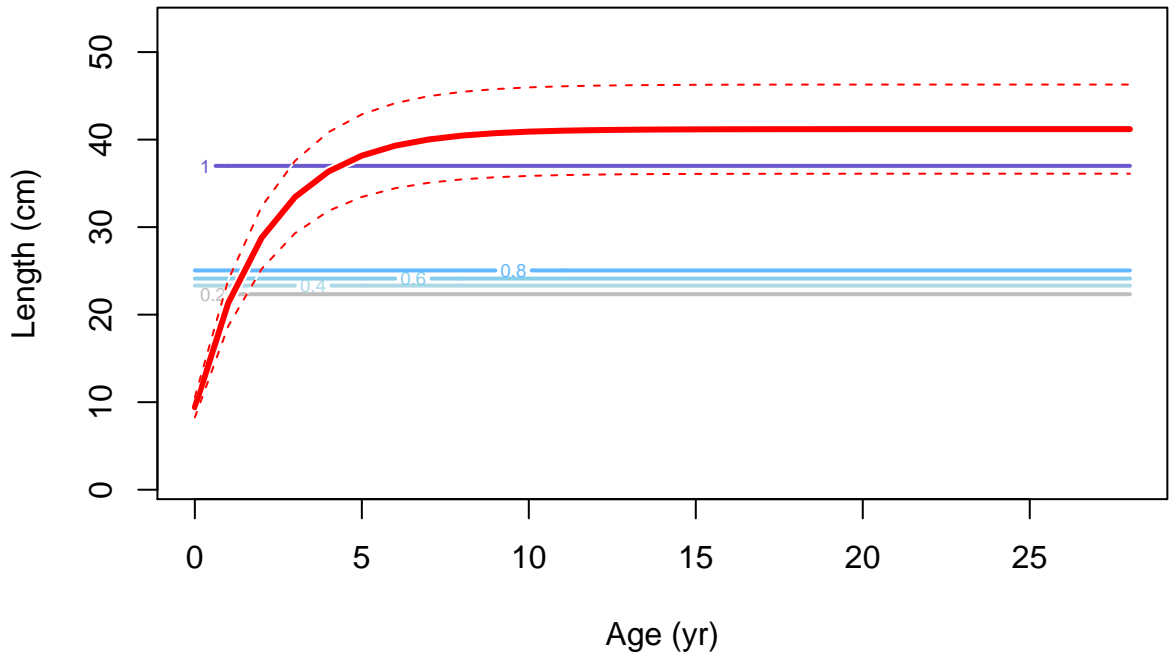


Selectivity

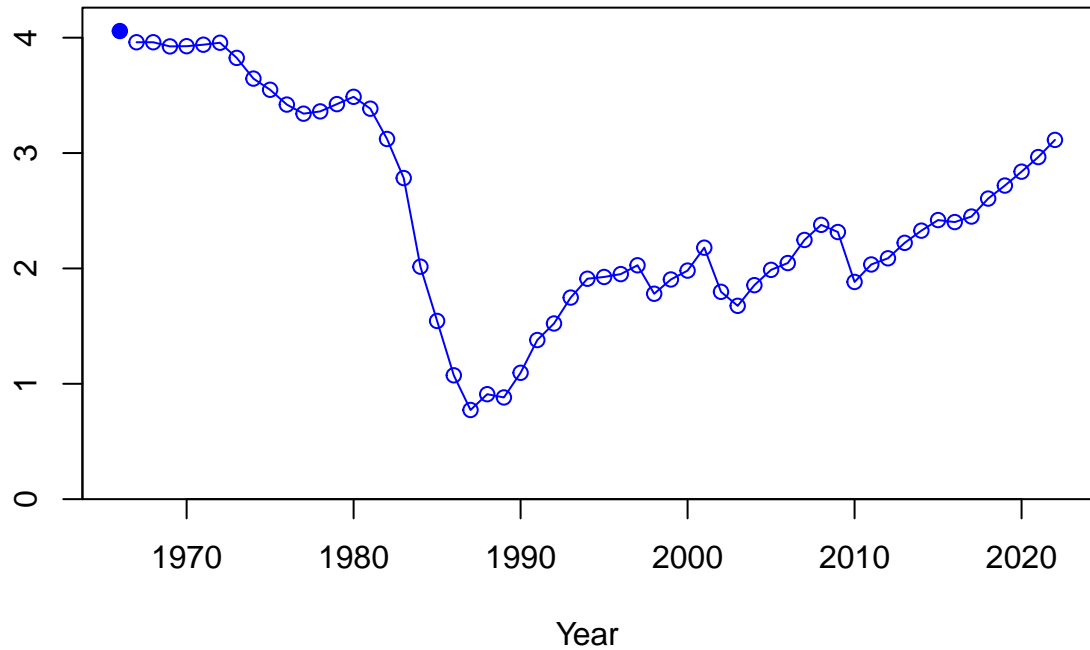


Selectivity

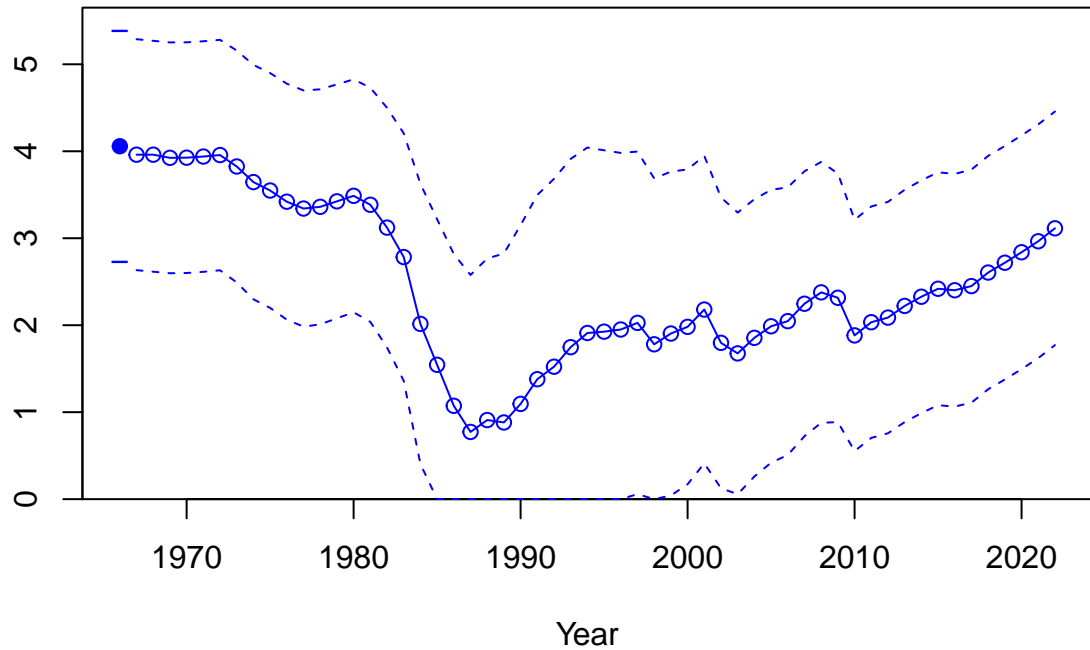




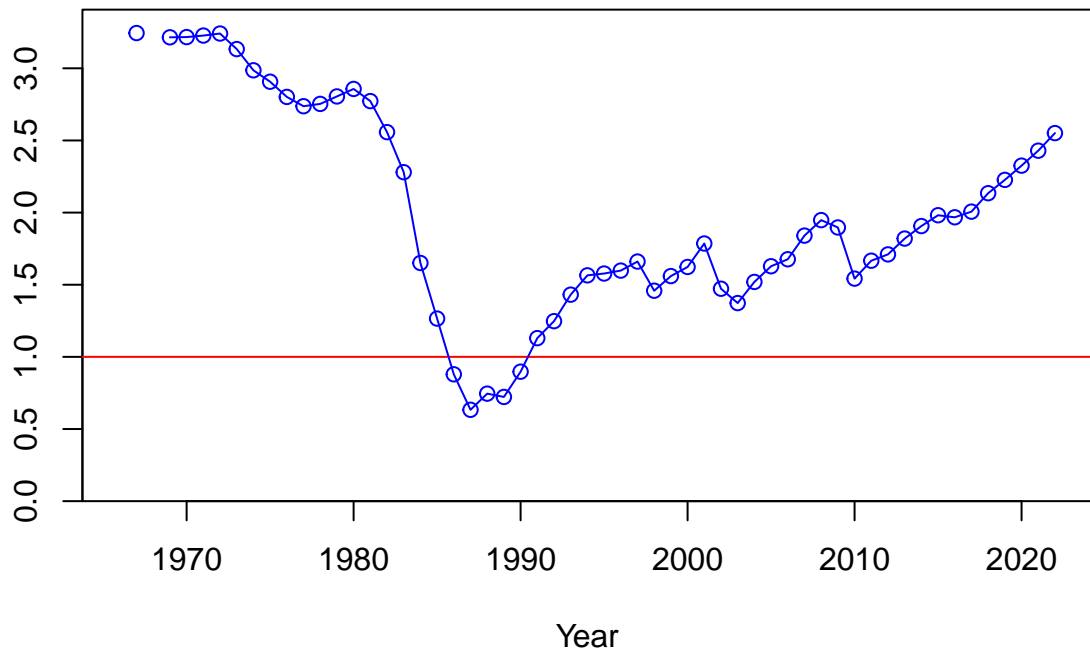
Spawning biomass (mt)



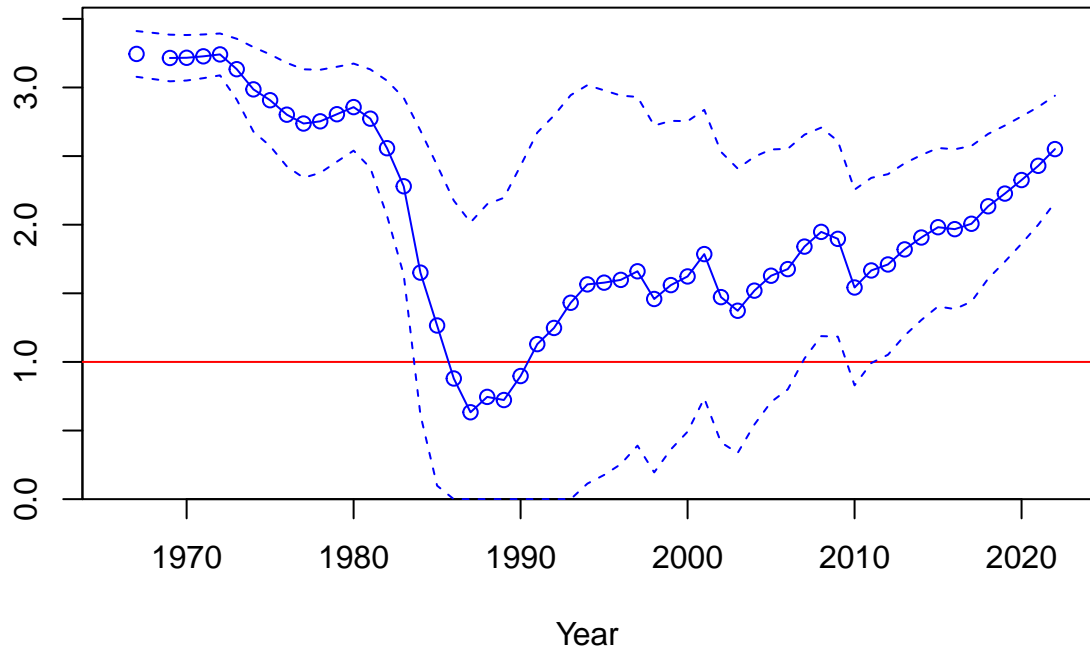
Spawning biomass (mt)

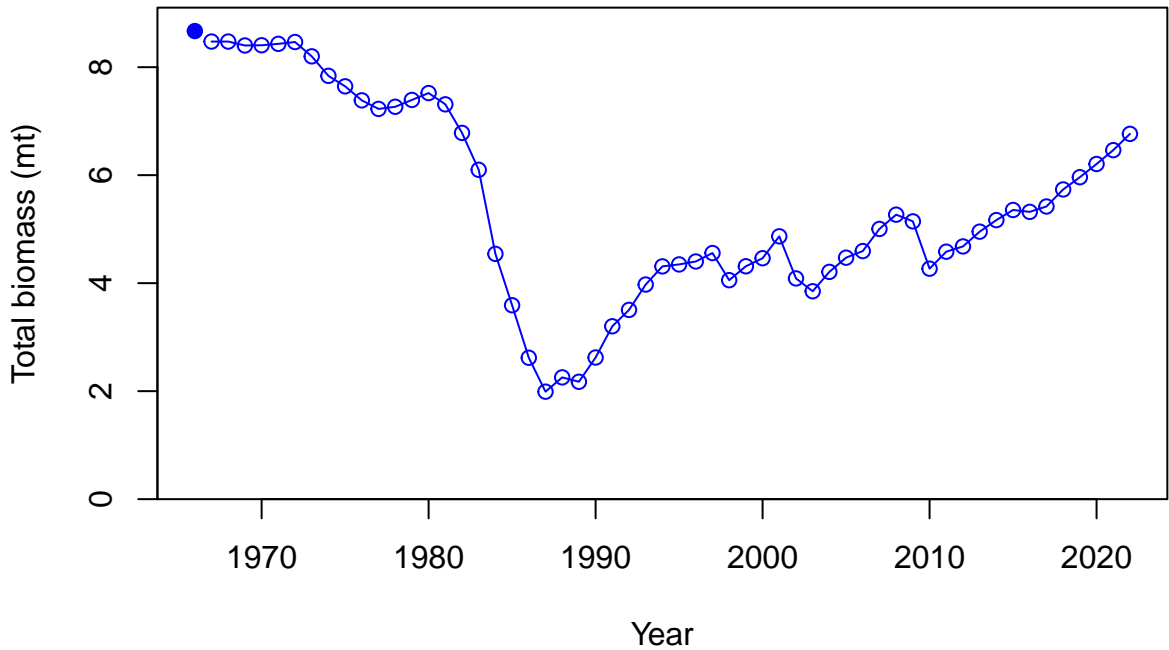


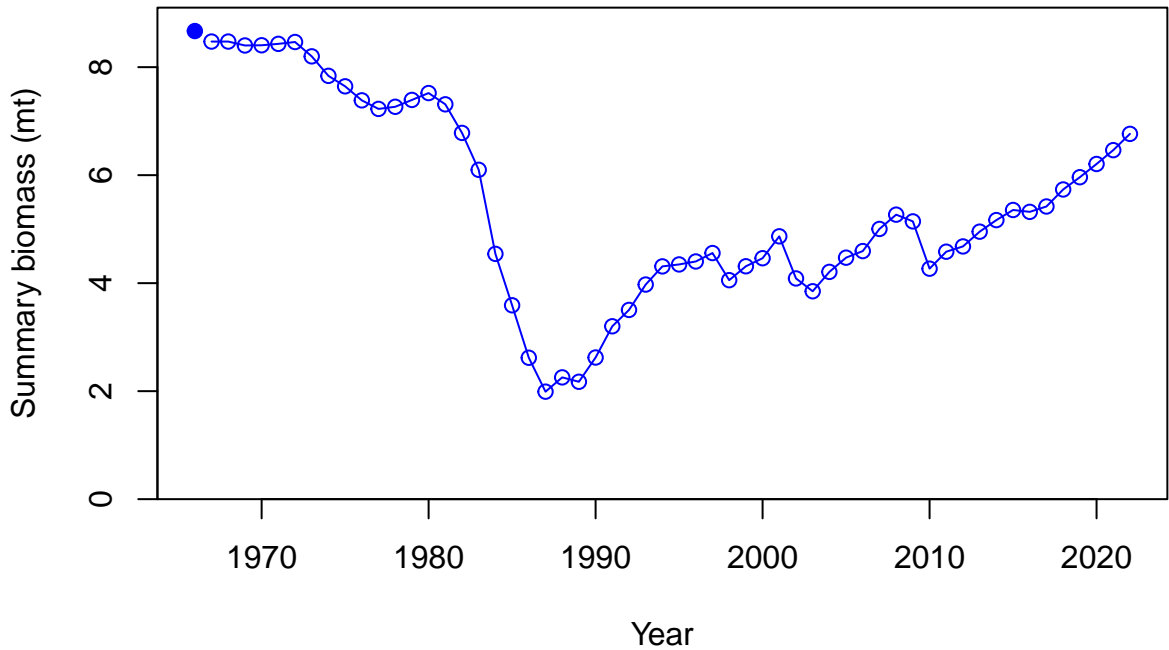
Relative spawning biomass: B/B_{MSY}



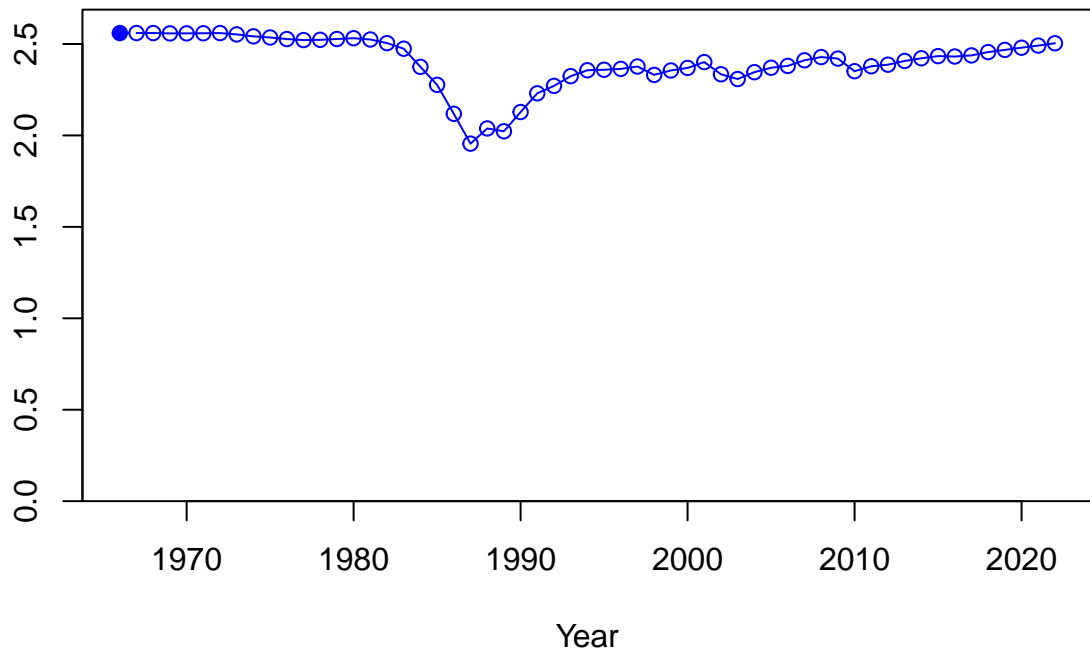
Relative spawning biomass: B/B_{MSY}



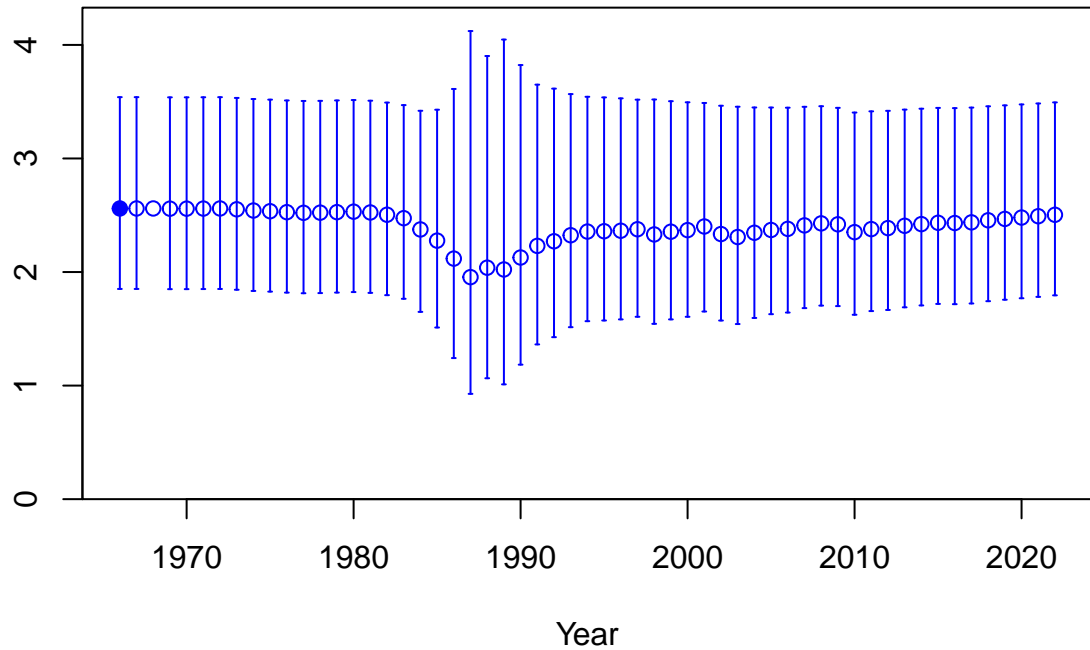




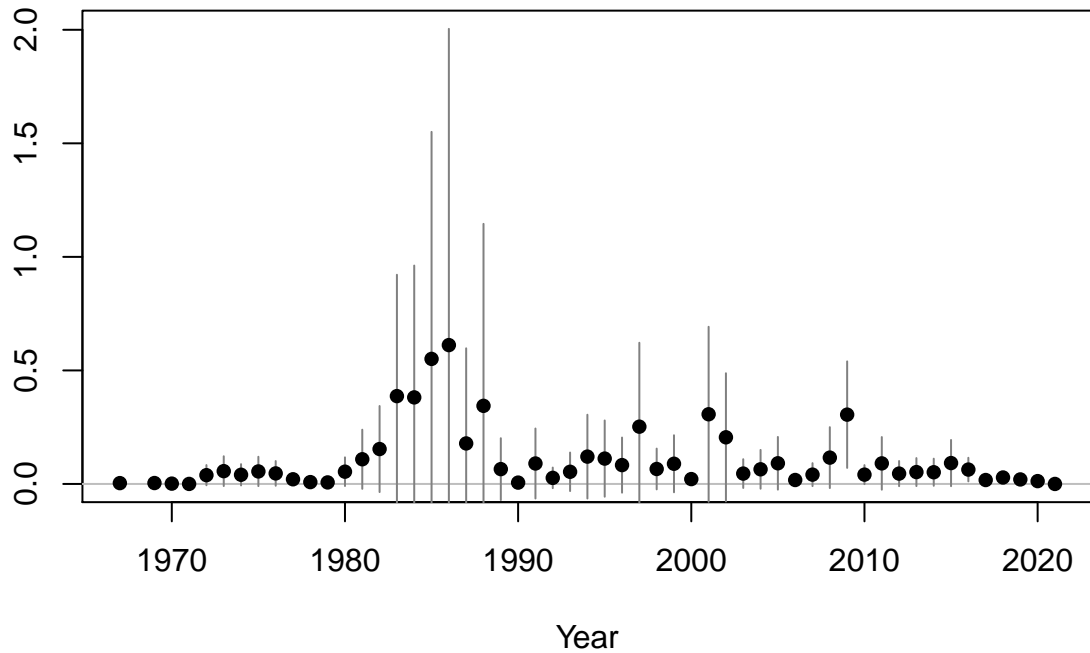
Age-0 recruits (1,000s)

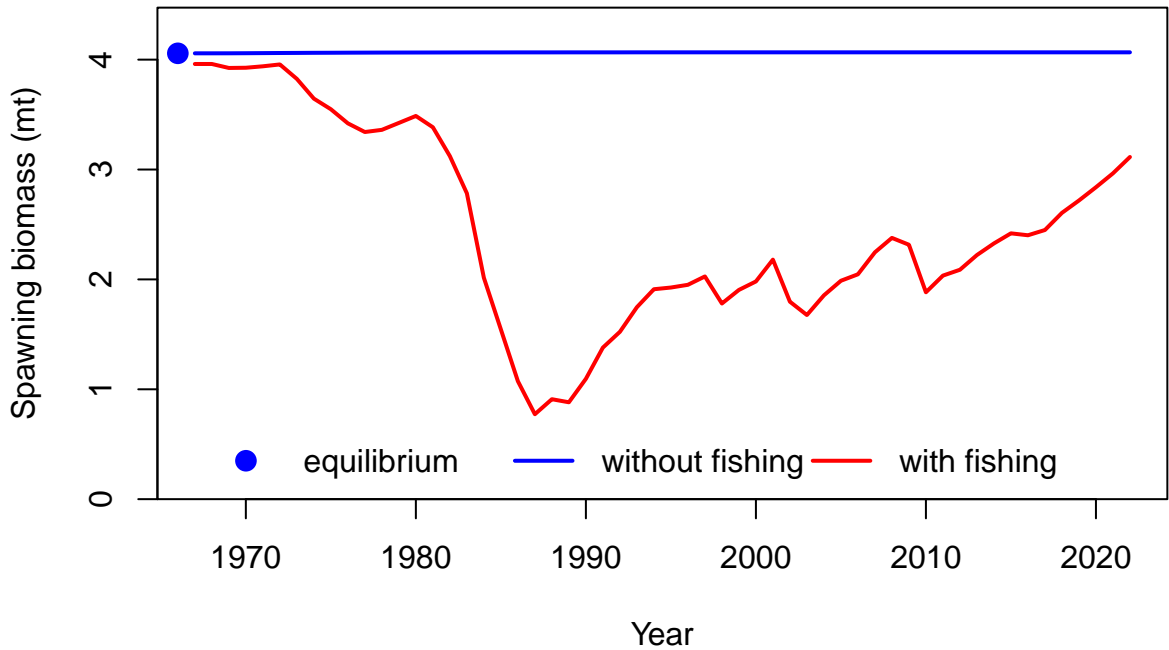


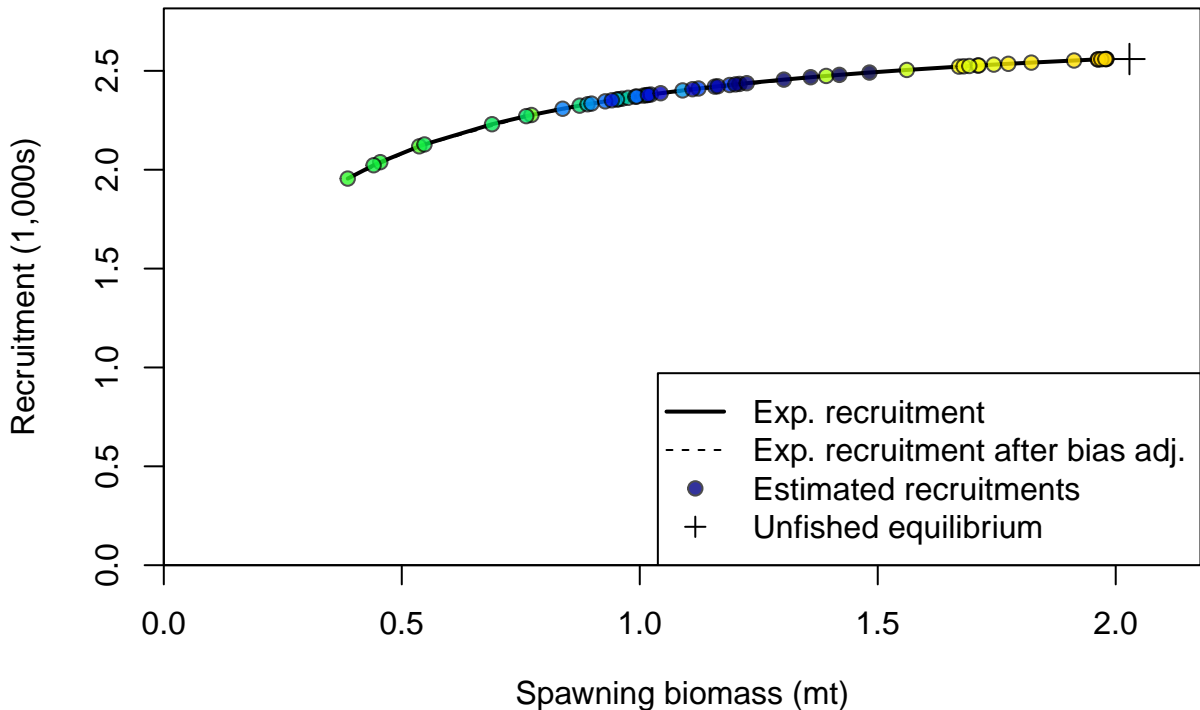
Age-0 recruits (1,000s)

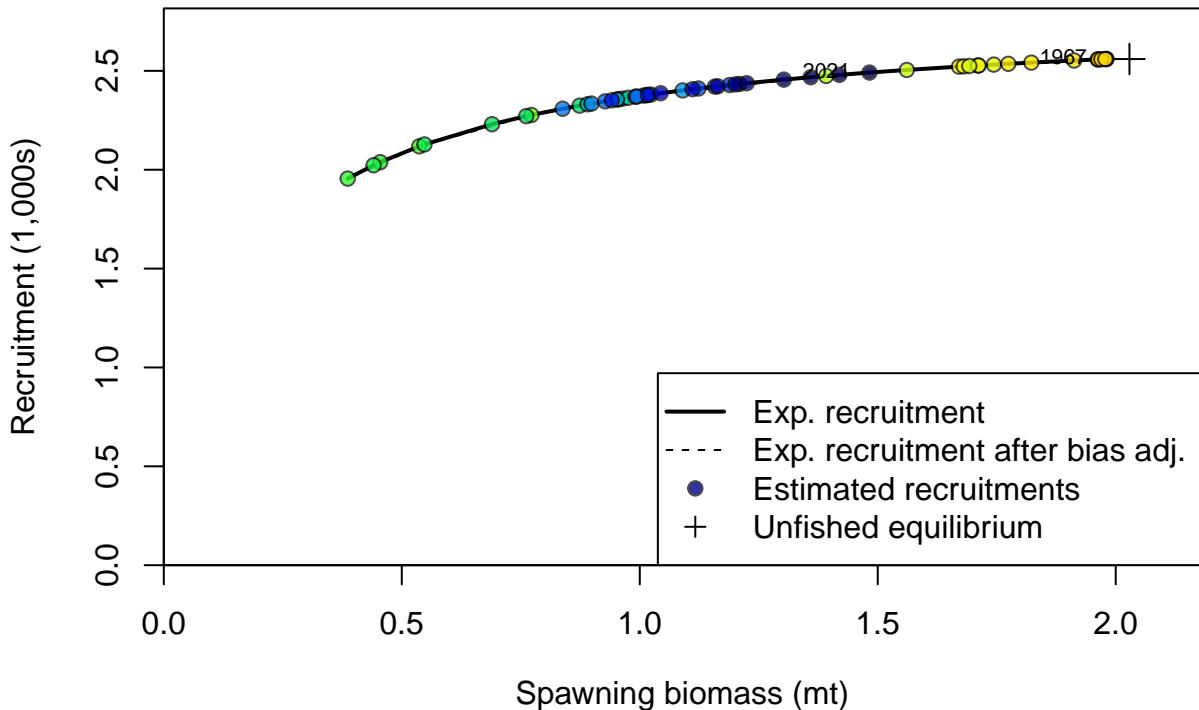


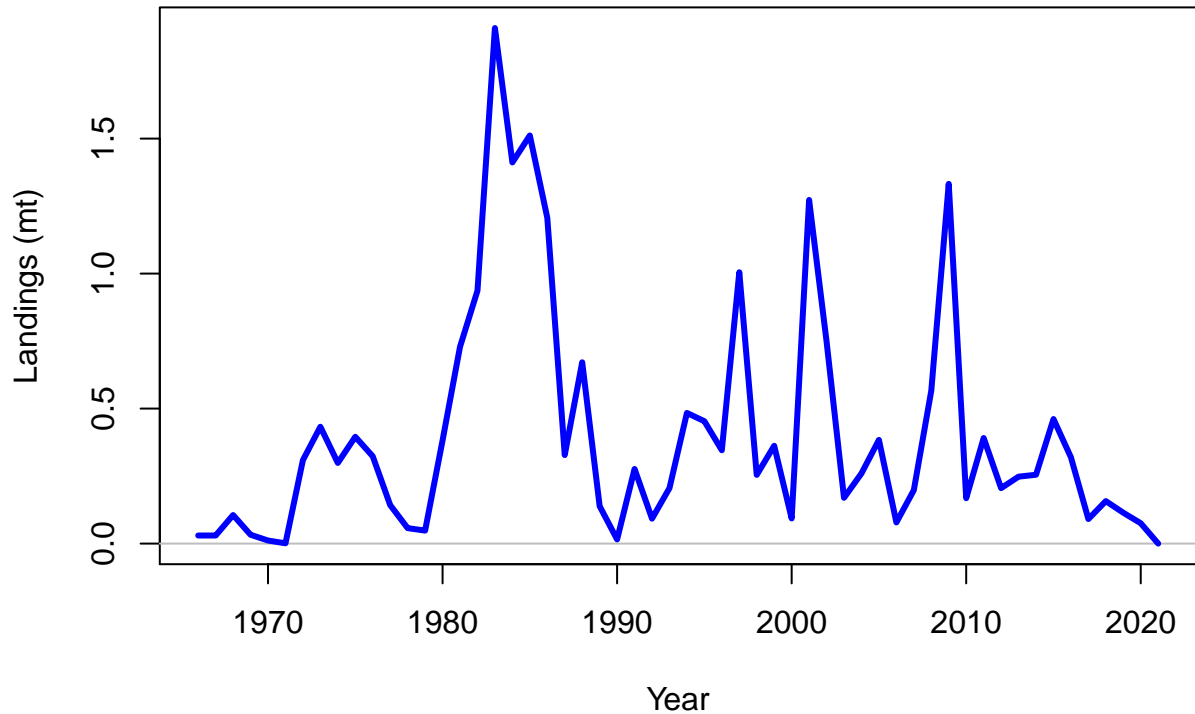
Summary Fishing Mortality

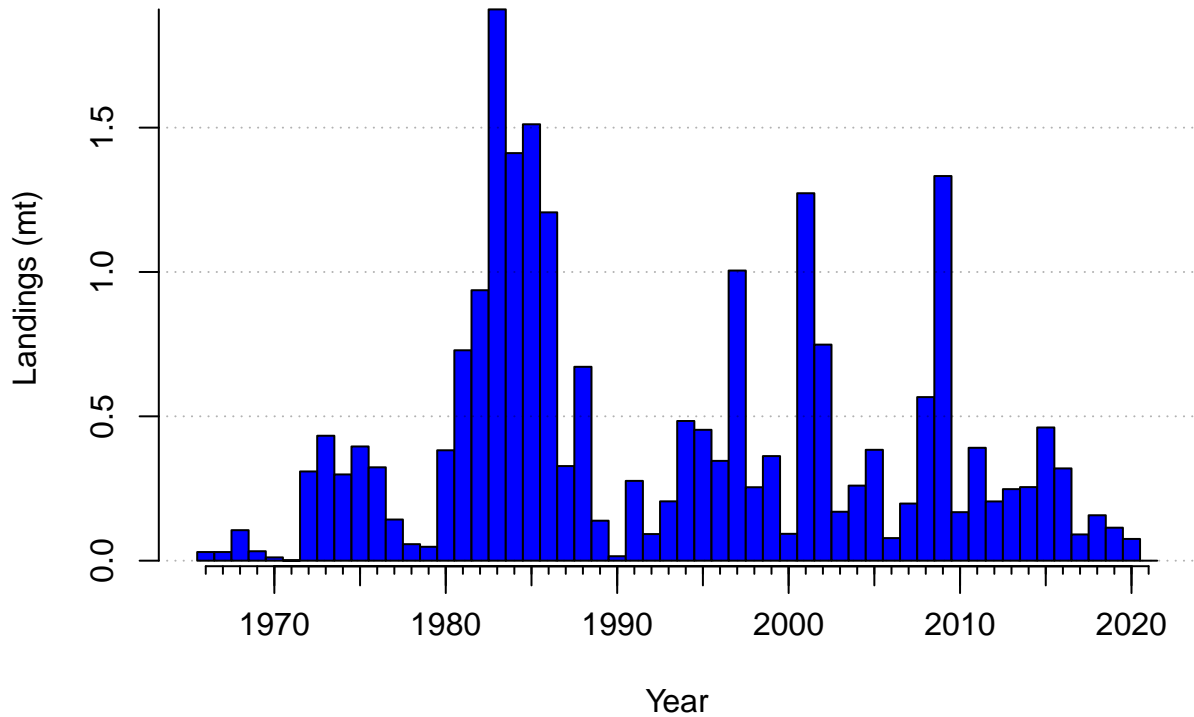


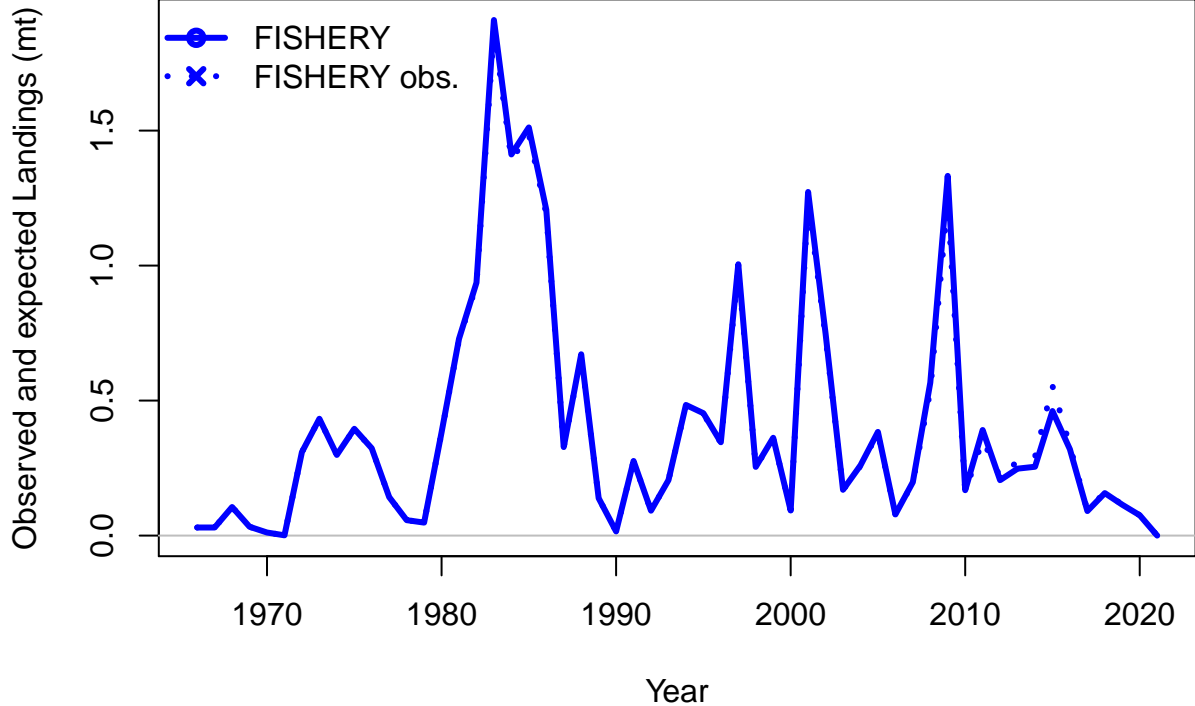


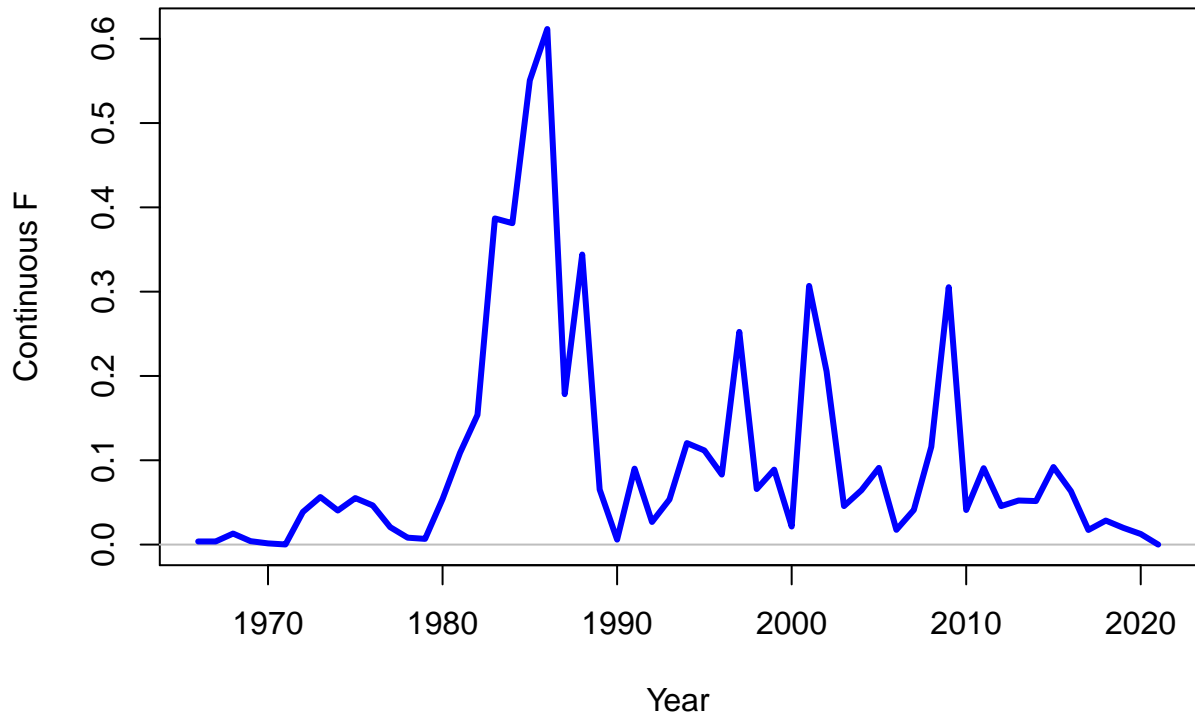




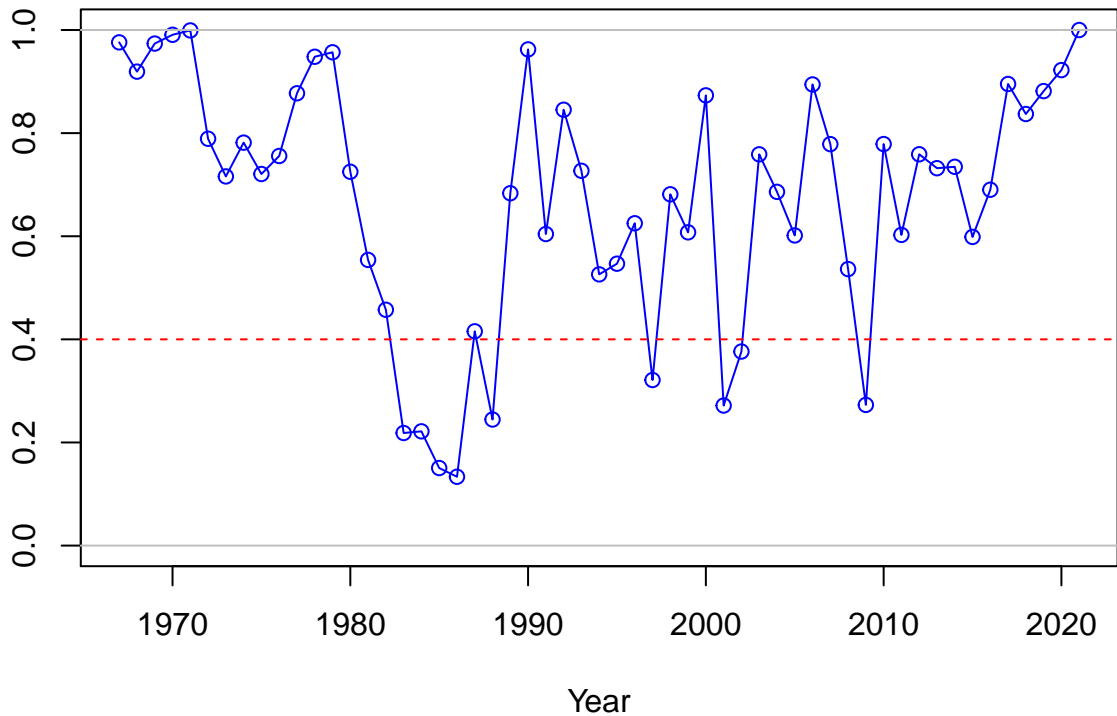


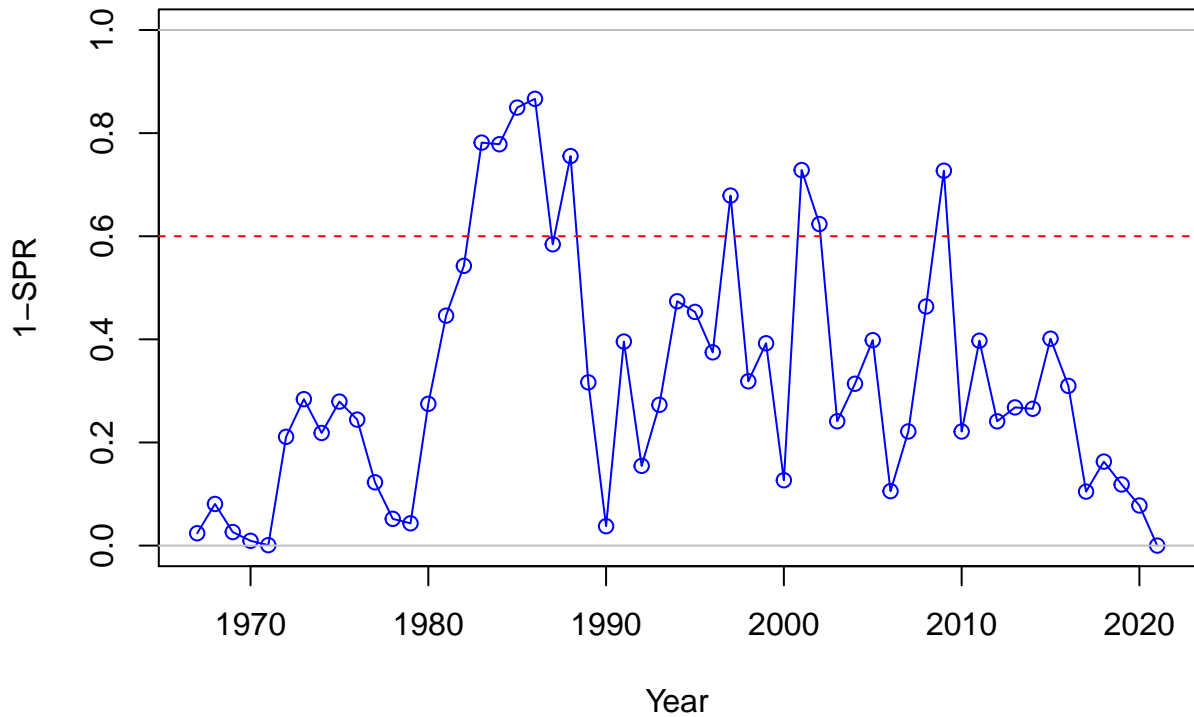




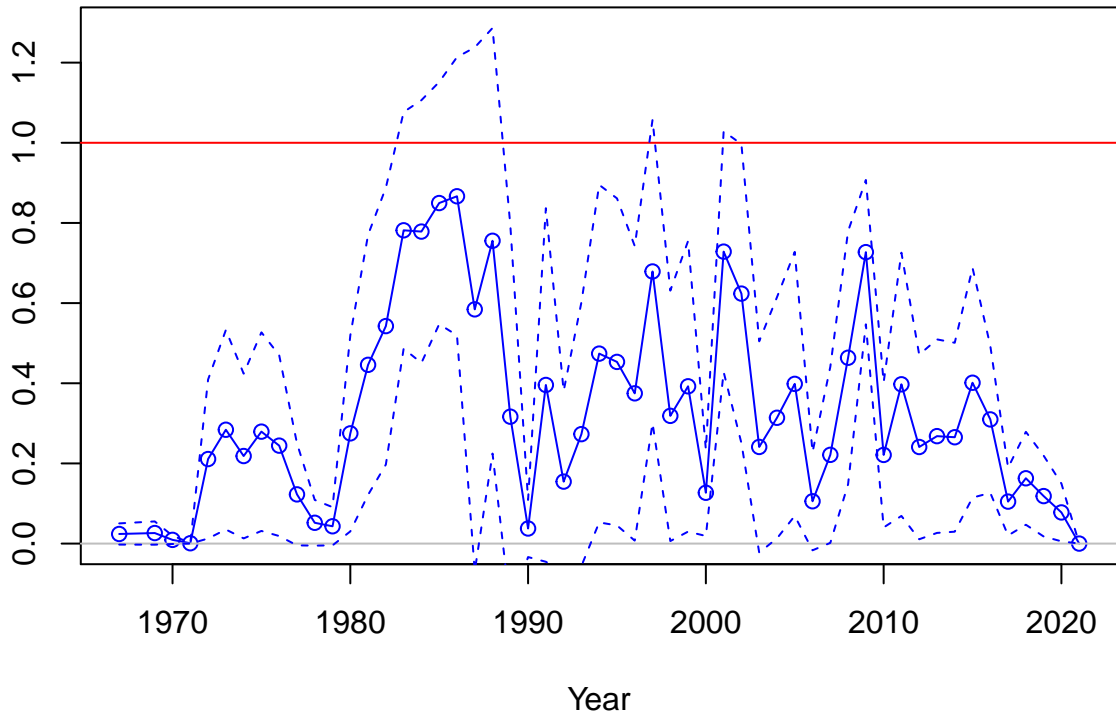


SPR

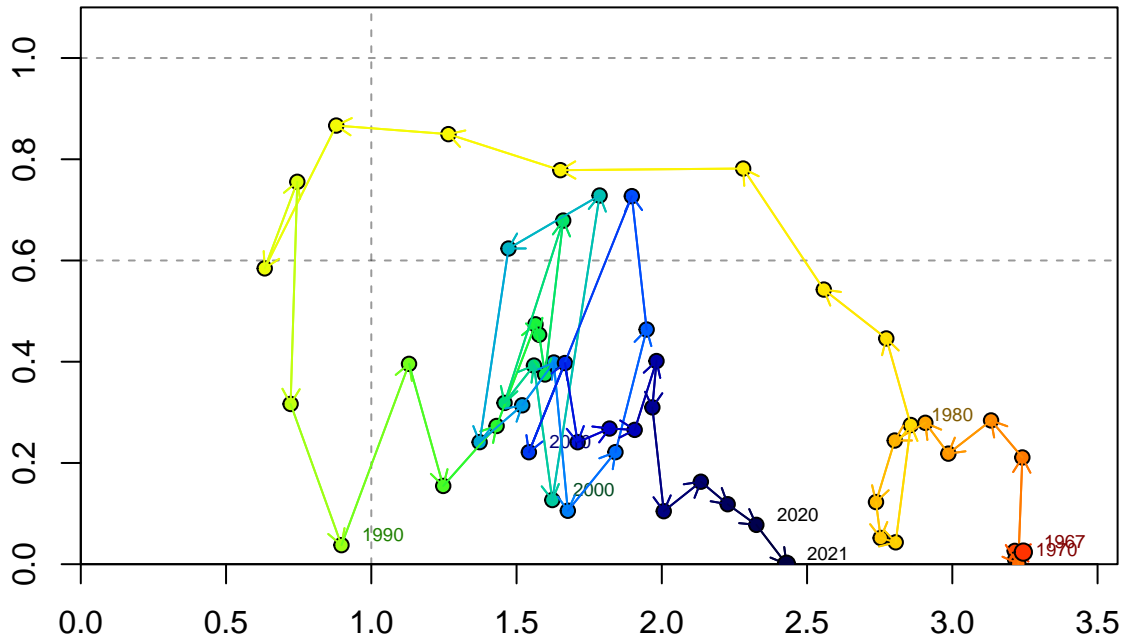




Fishing intensity: 1-SPR

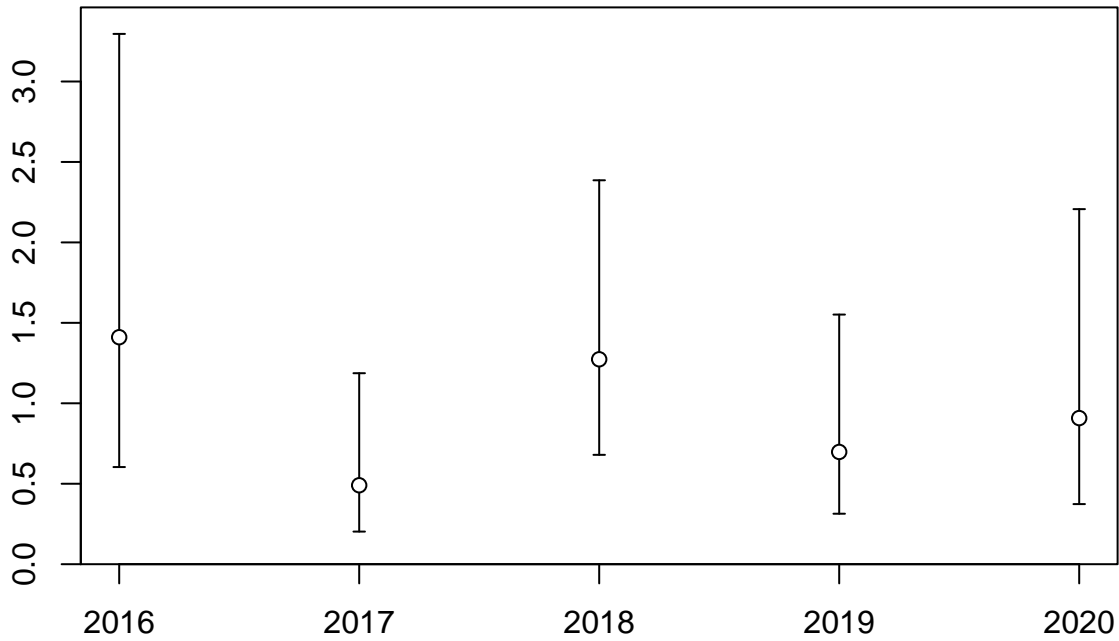


Fishing intensity: 1-SPR



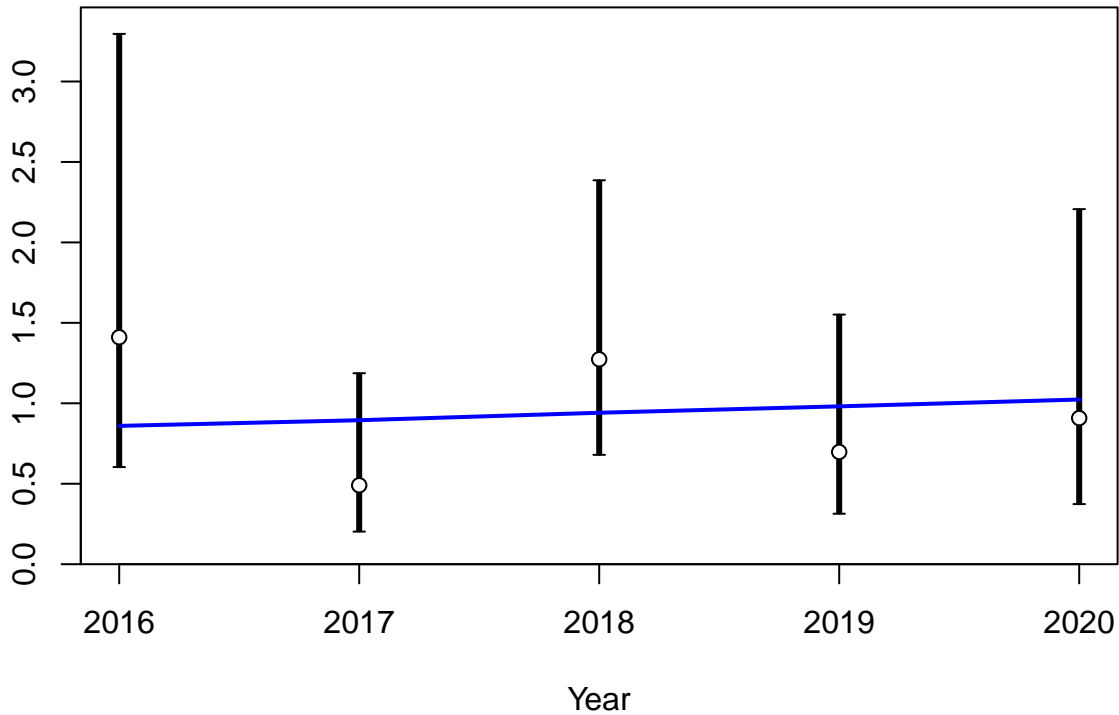
Relative spawning output: B/B_MSY

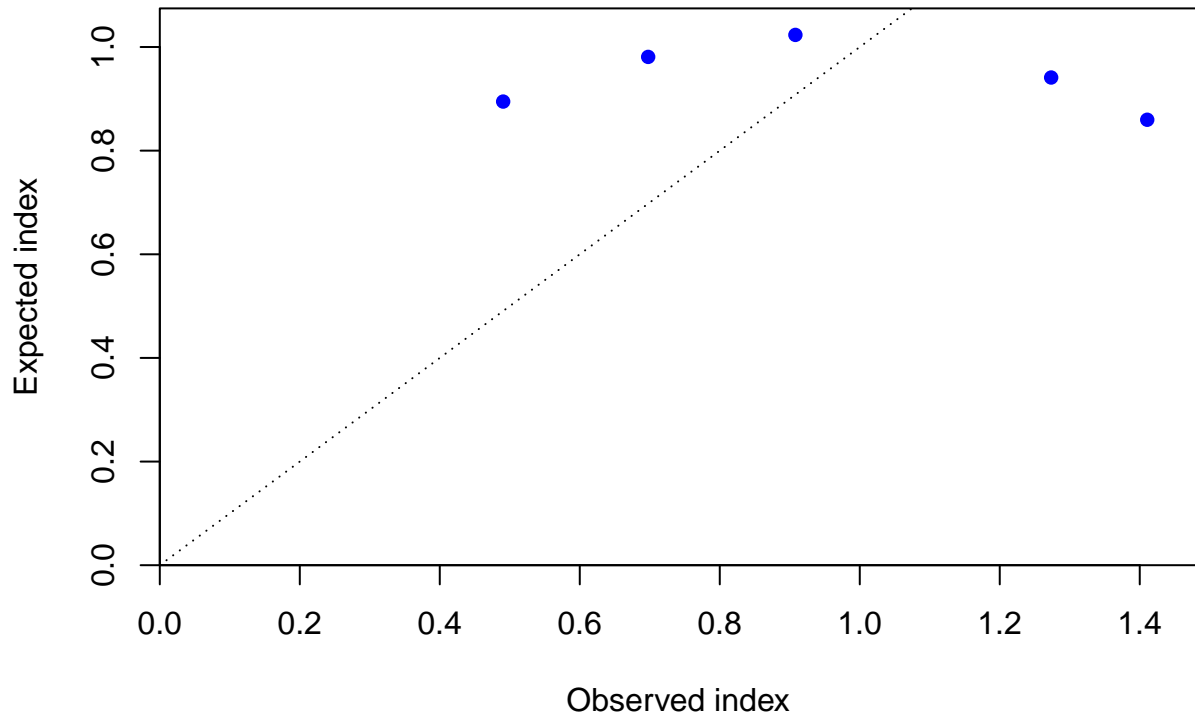
Index

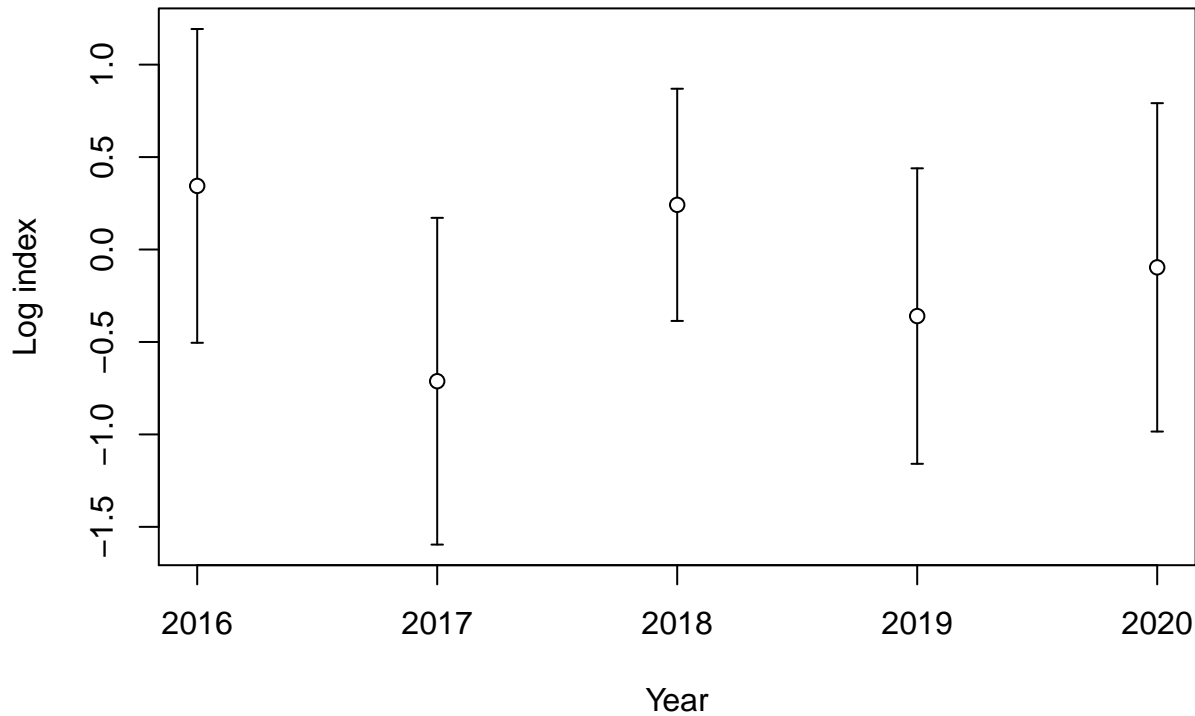


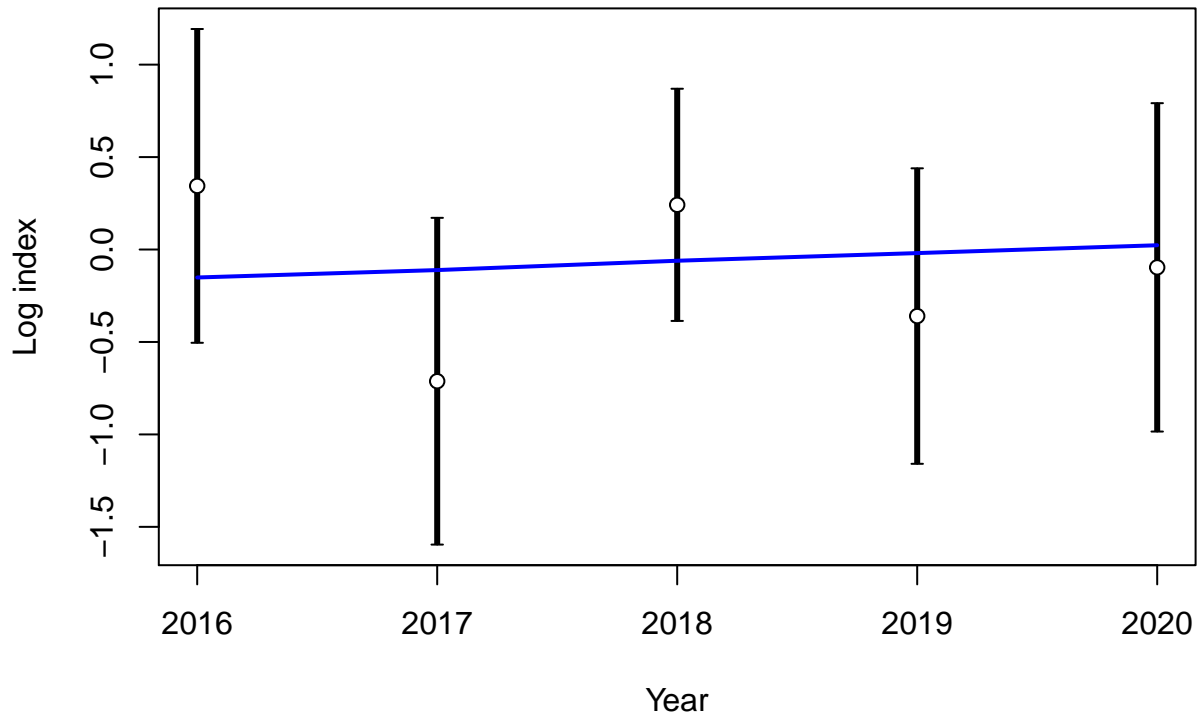
Year

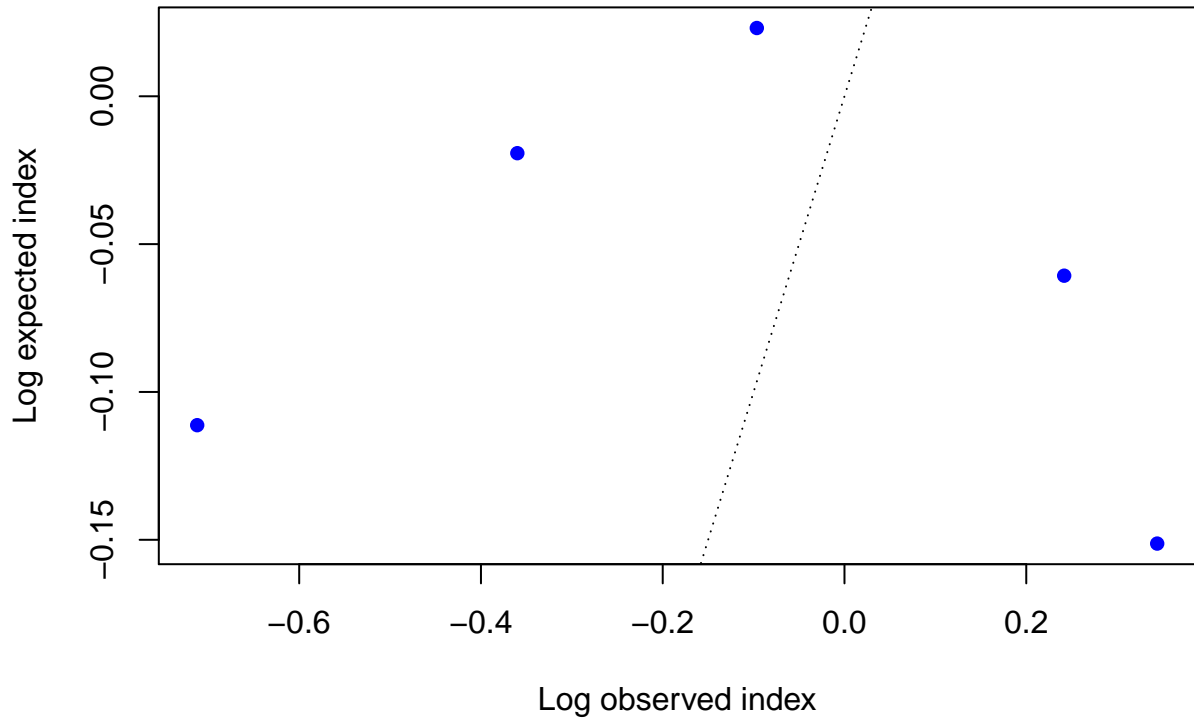
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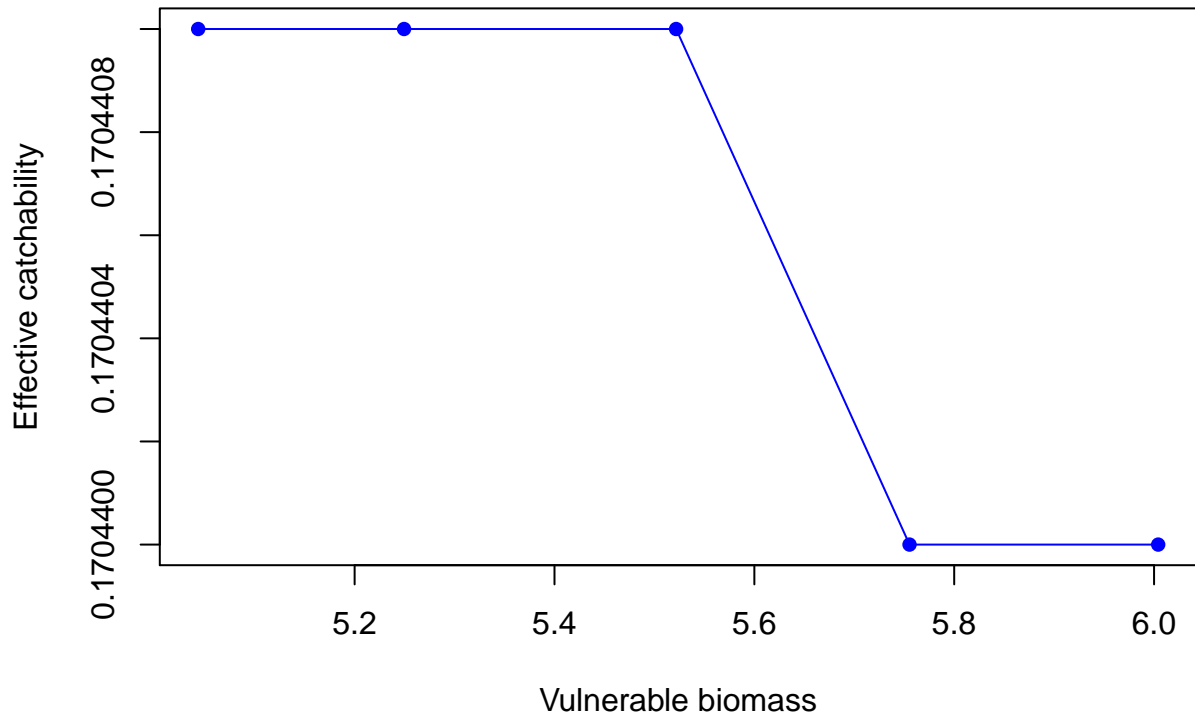


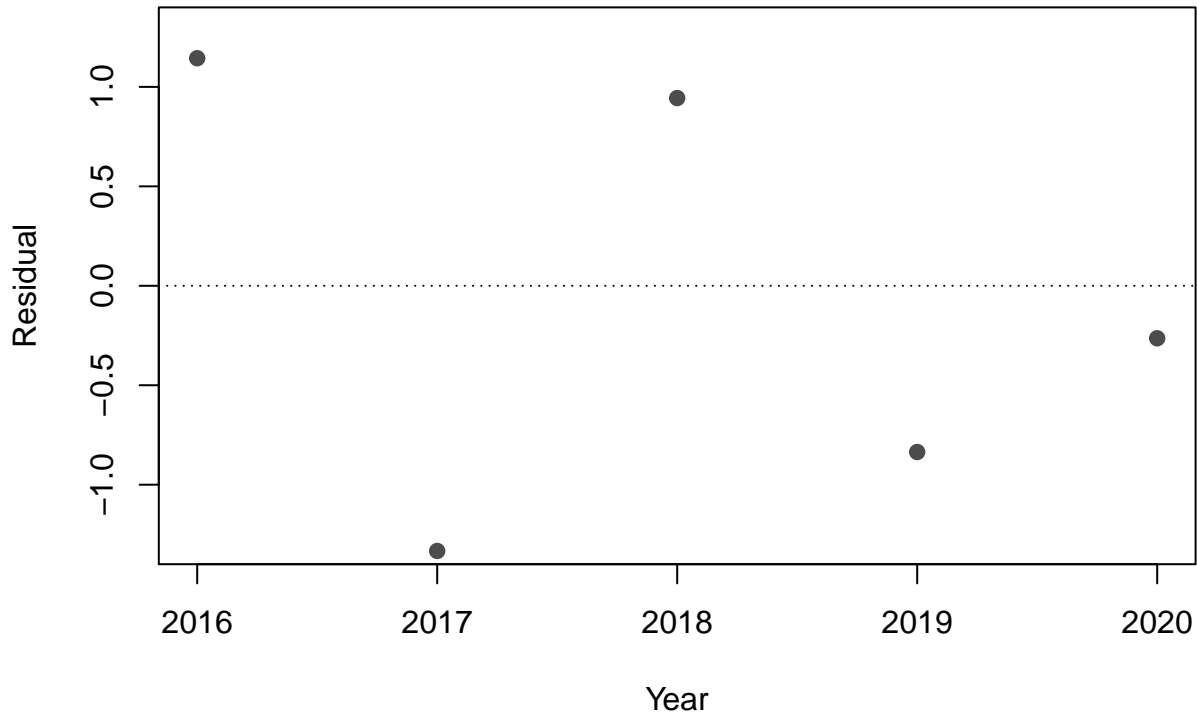




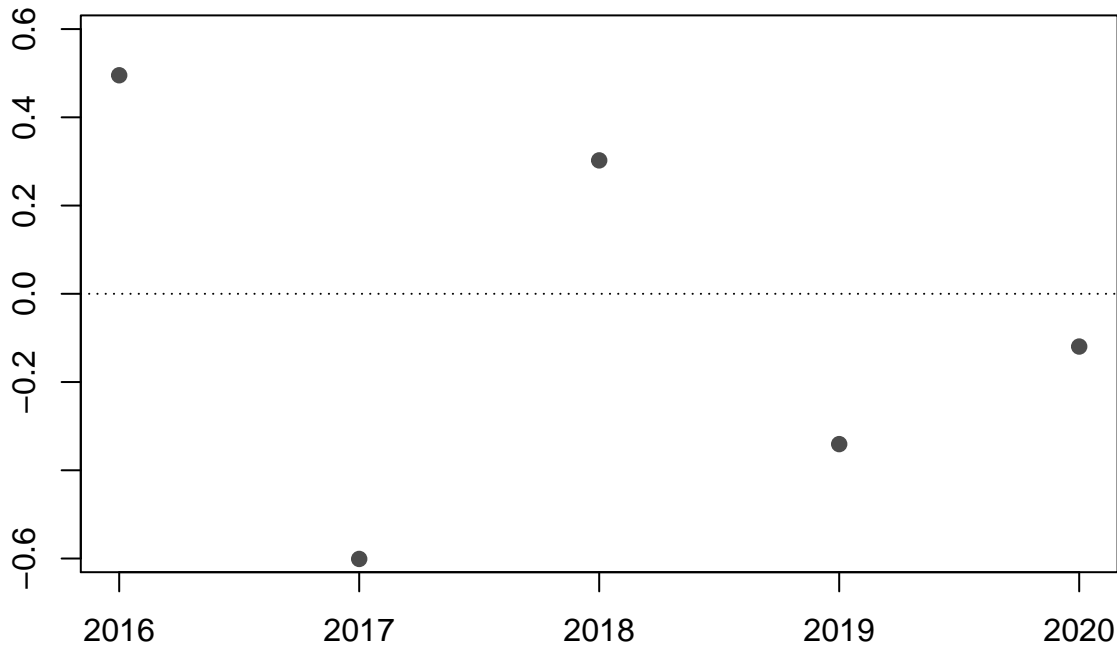




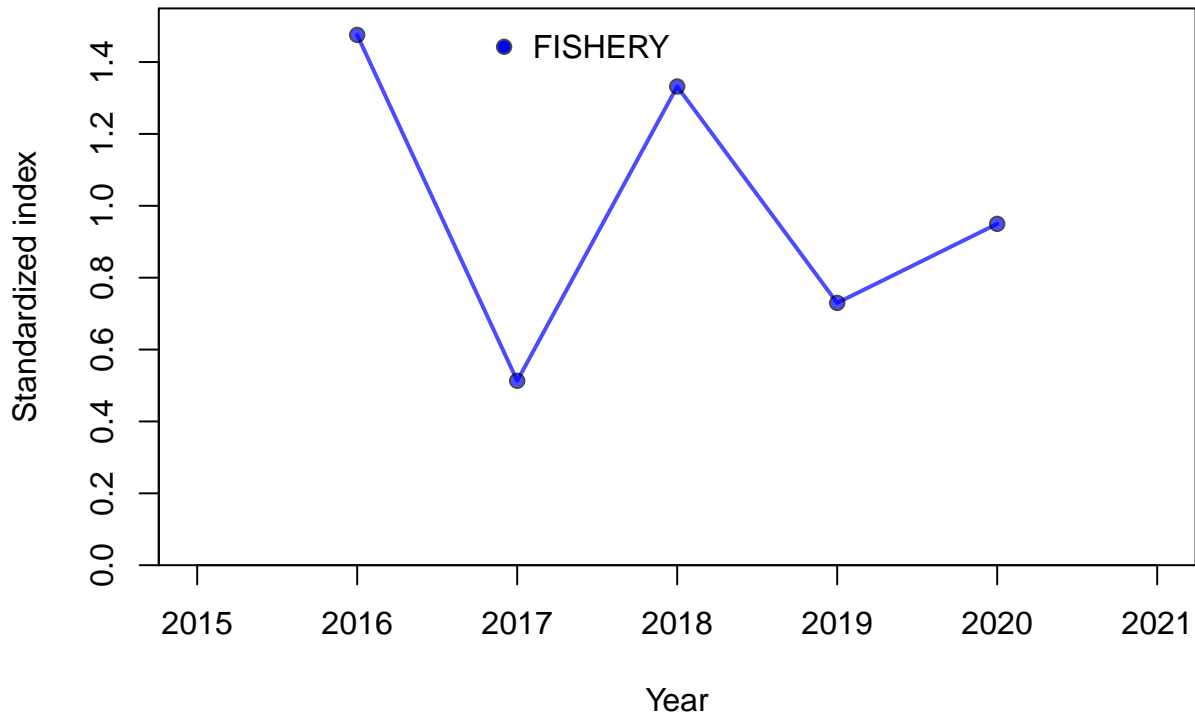


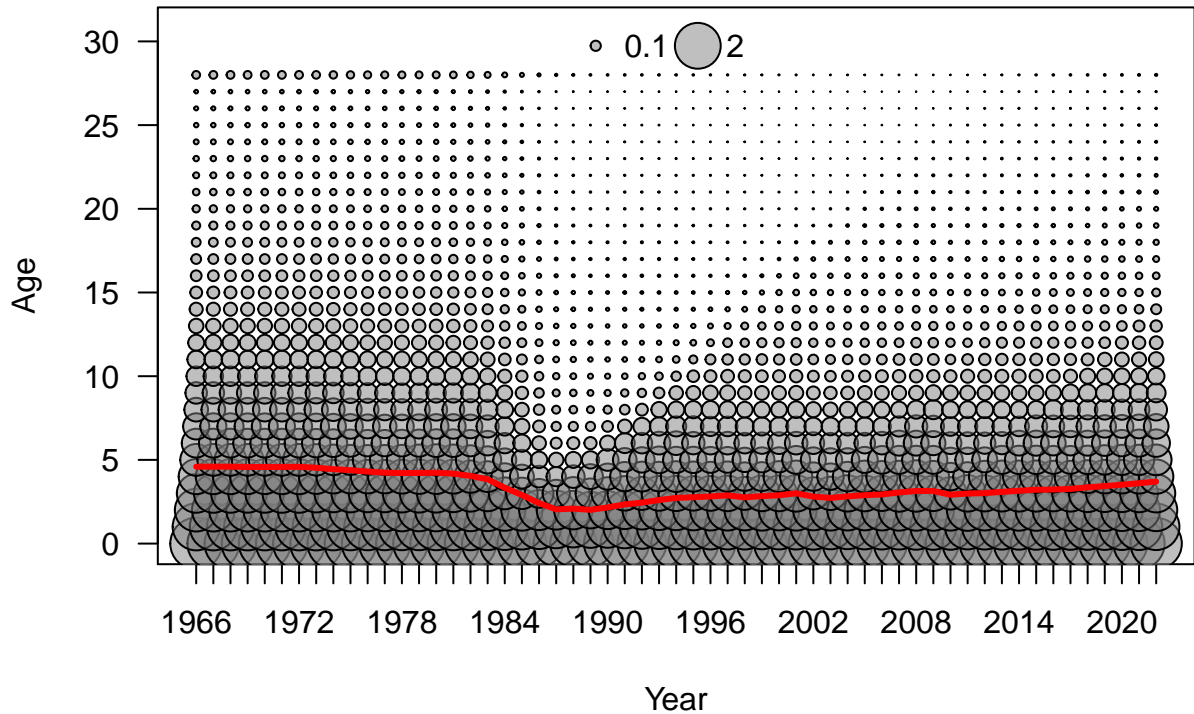


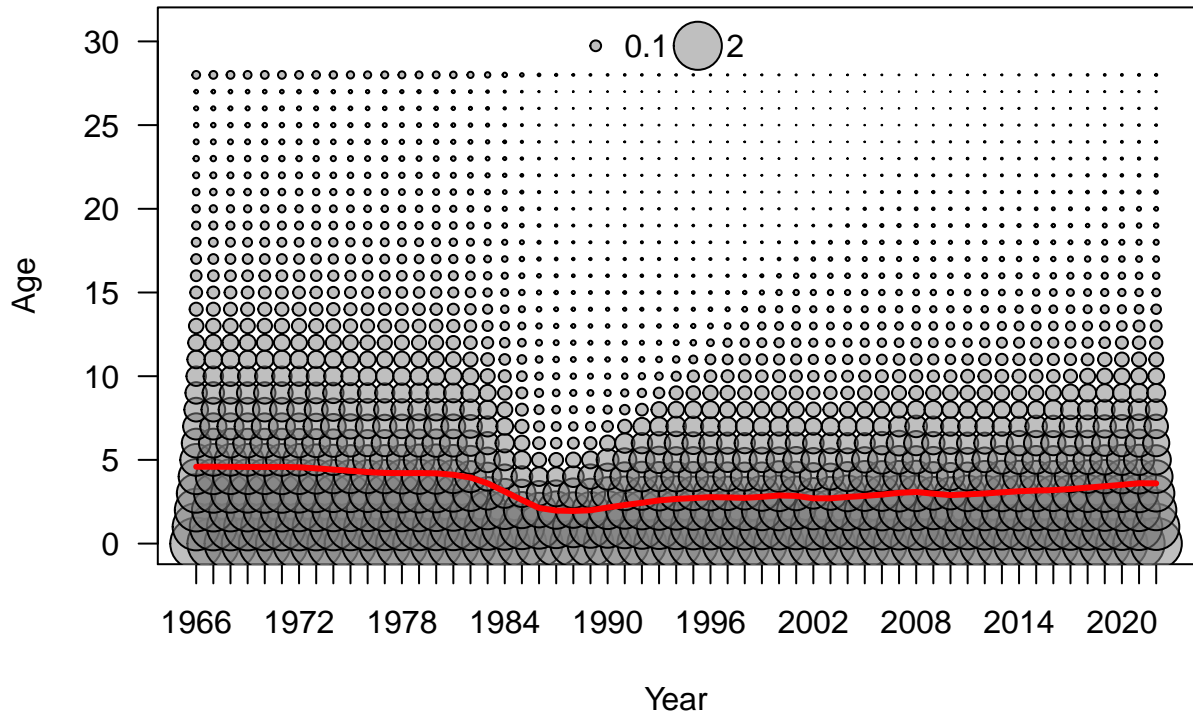
Deviation

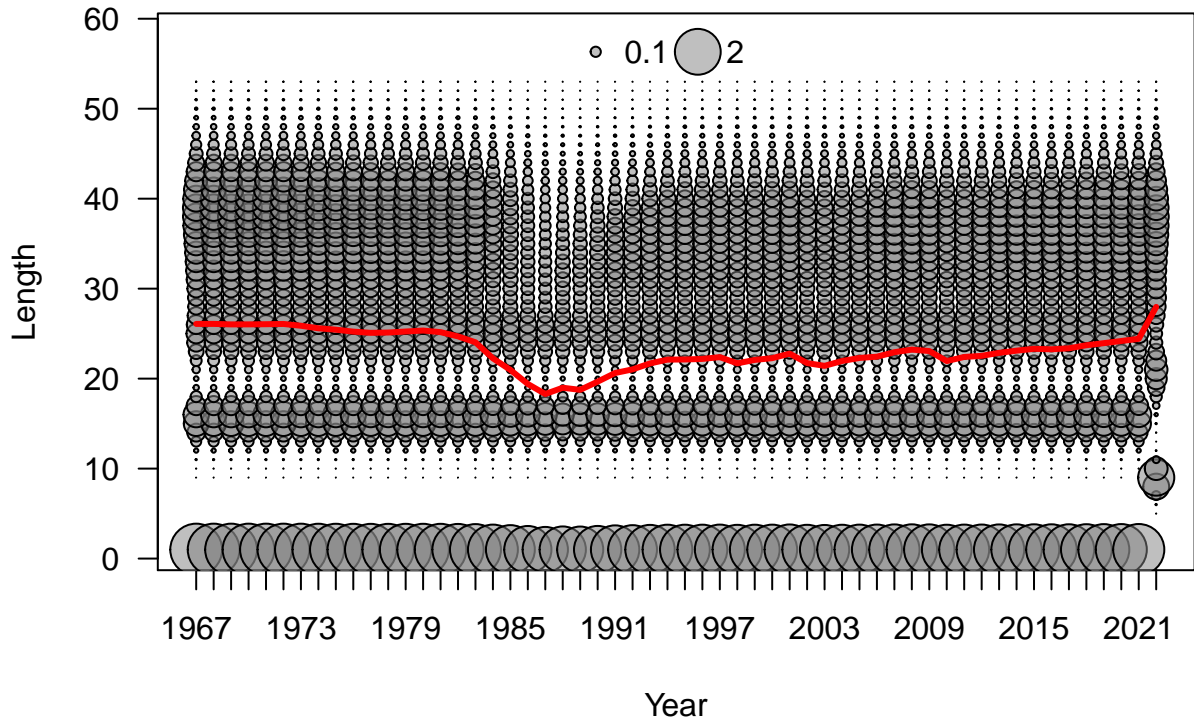


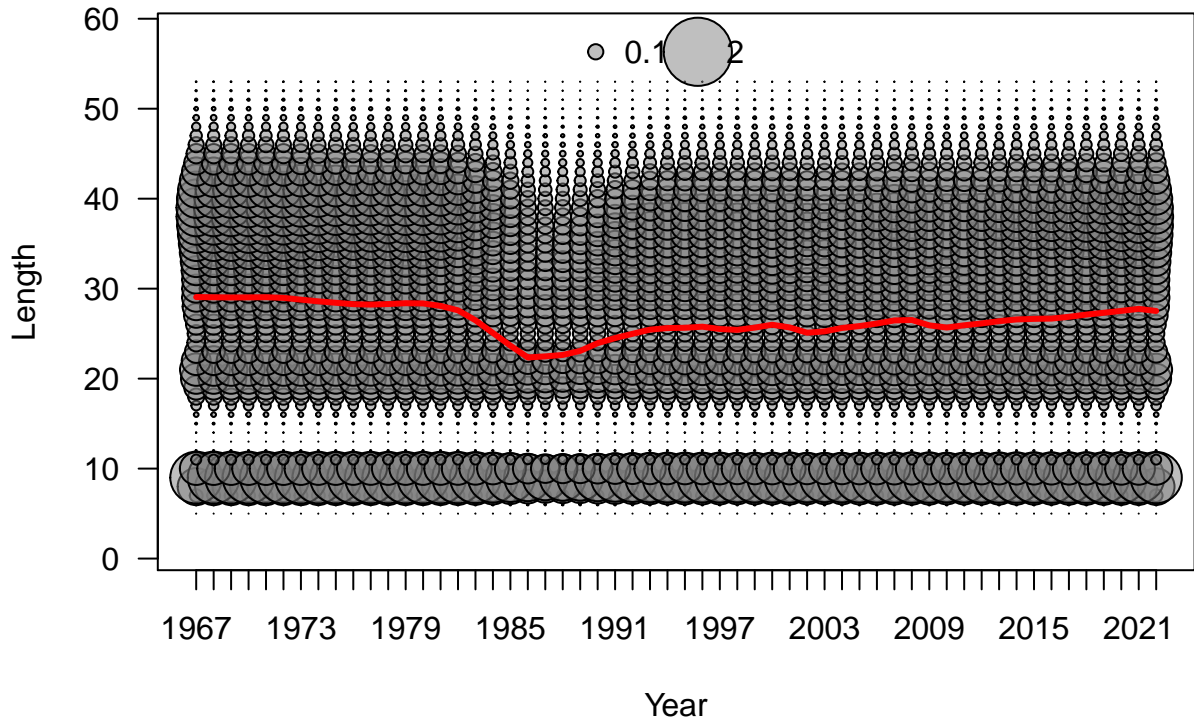
Year

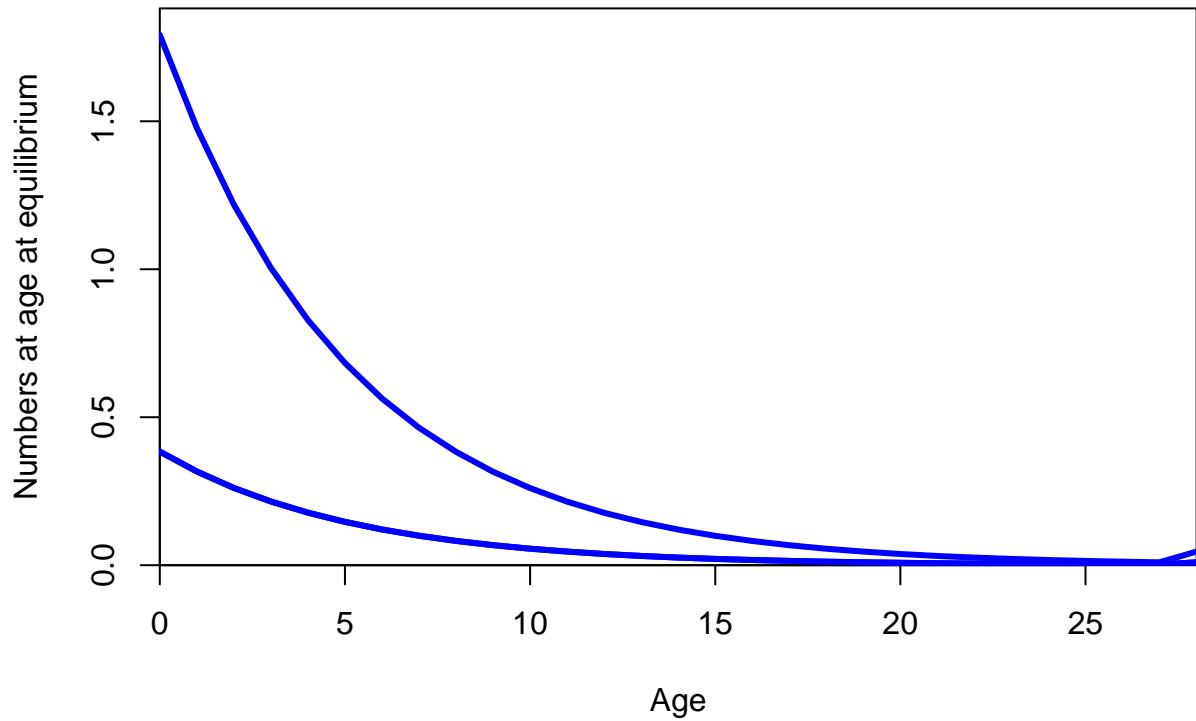


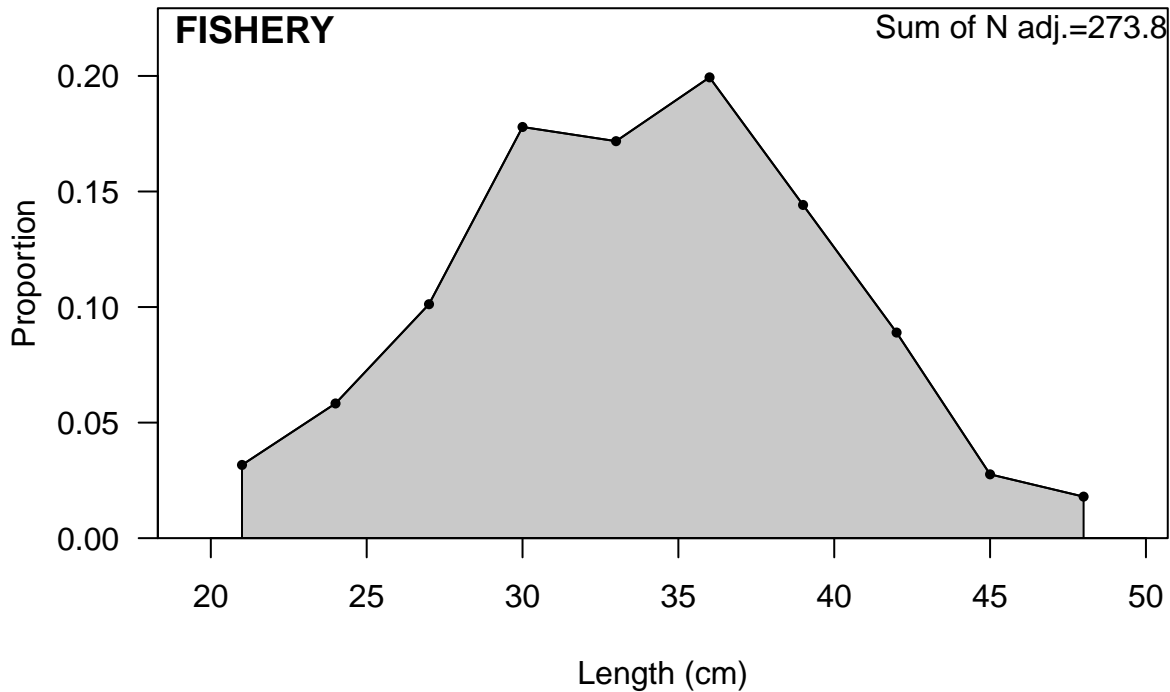


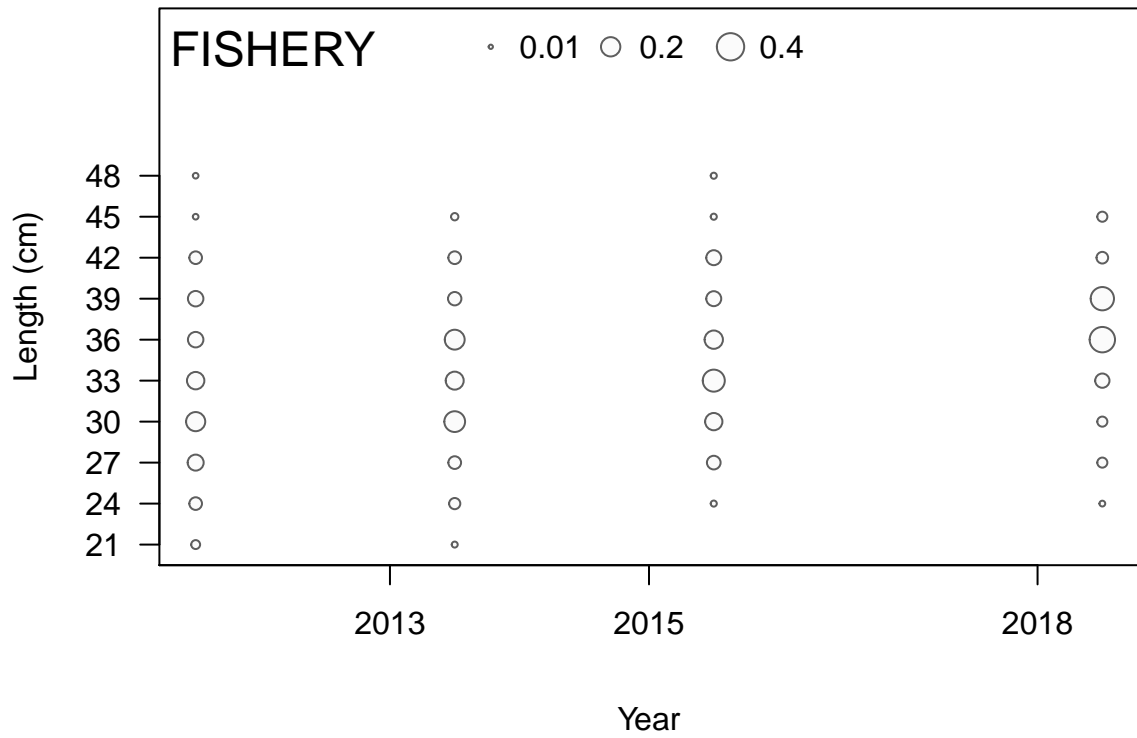




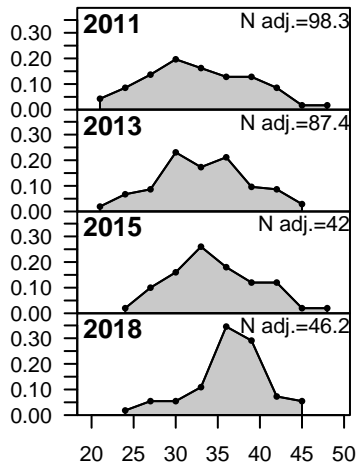




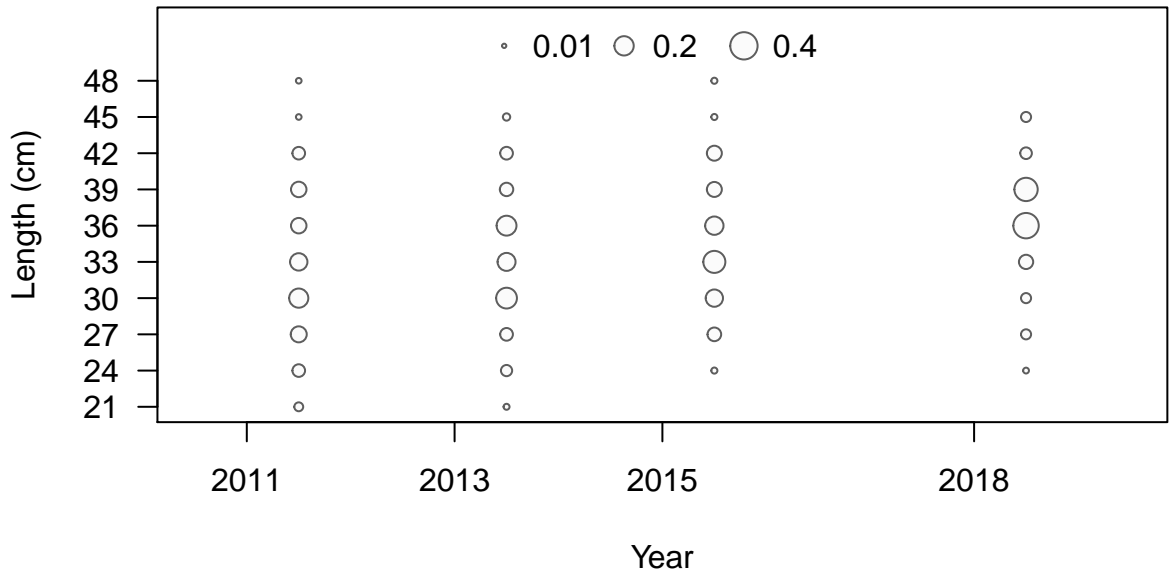




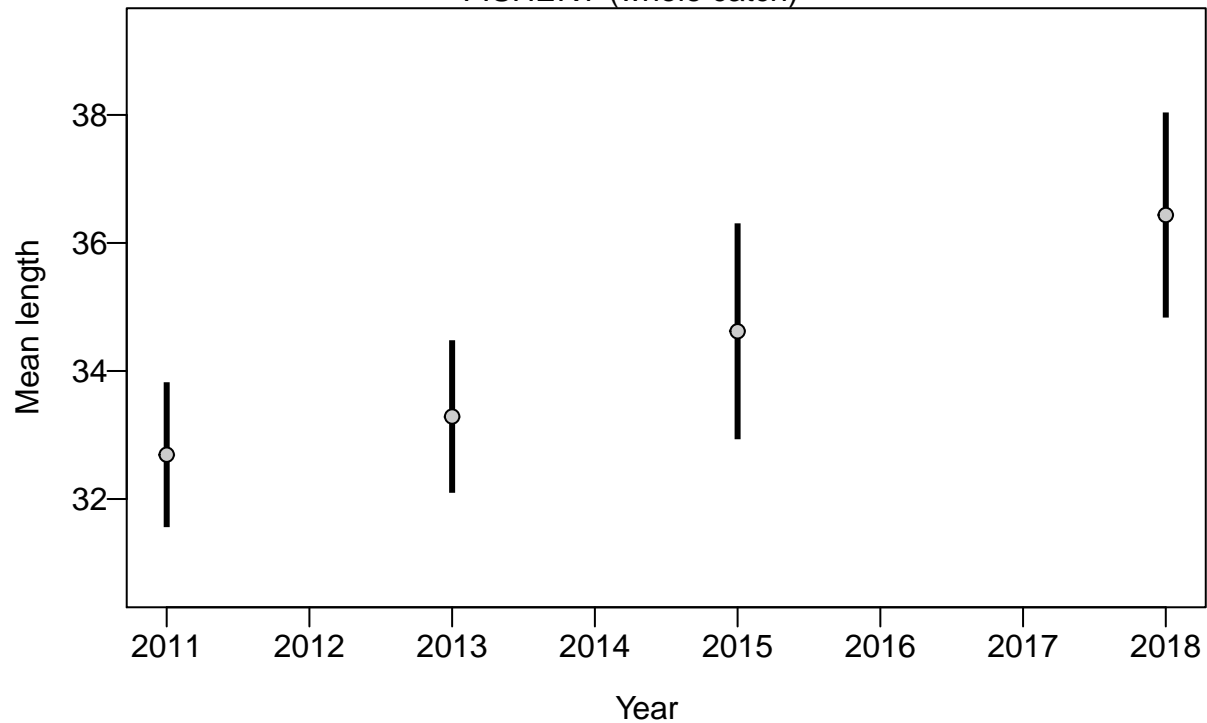
Proportion



Length (cm)

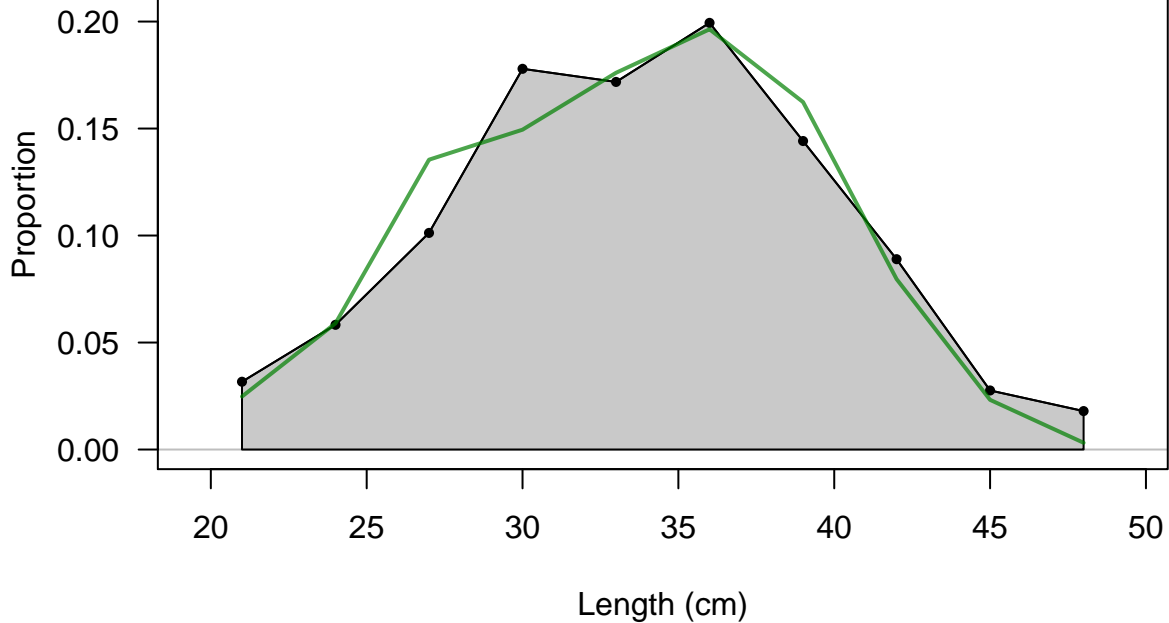


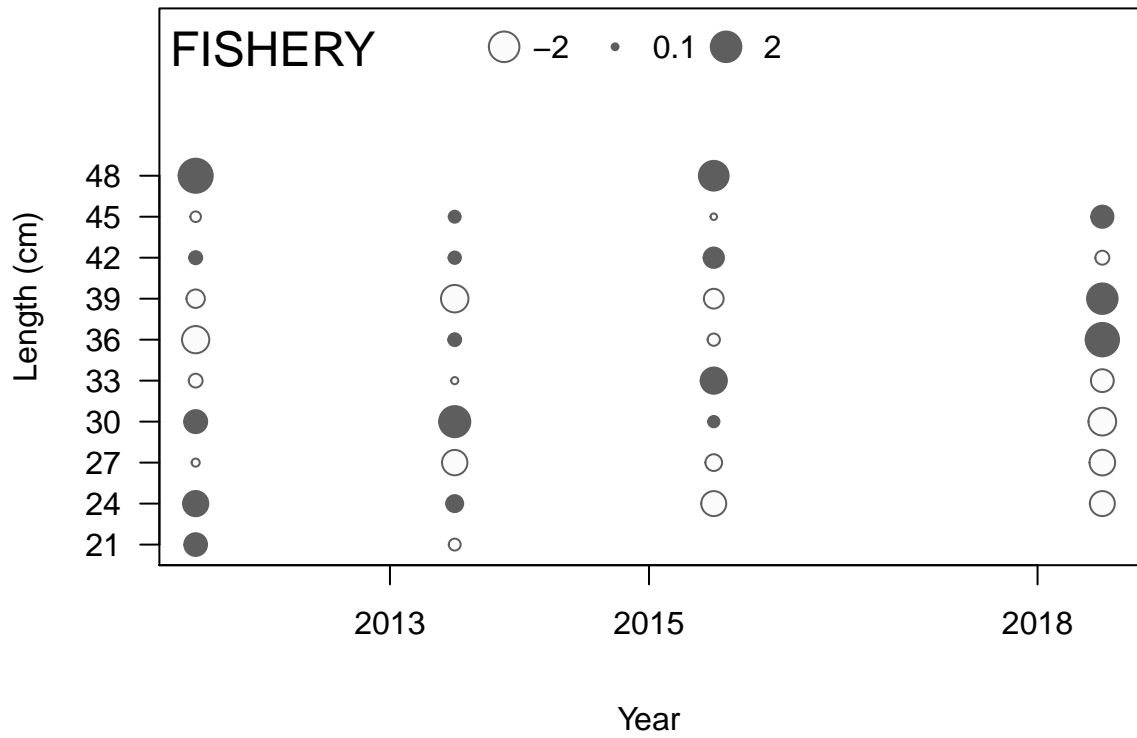
FISHERY (whole catch)



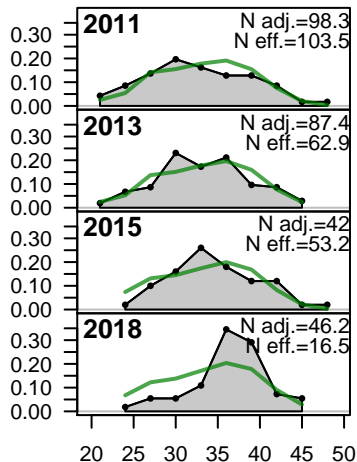
FISHERY

Sum of N adj.=273.8
Sum of N eff.=236.1

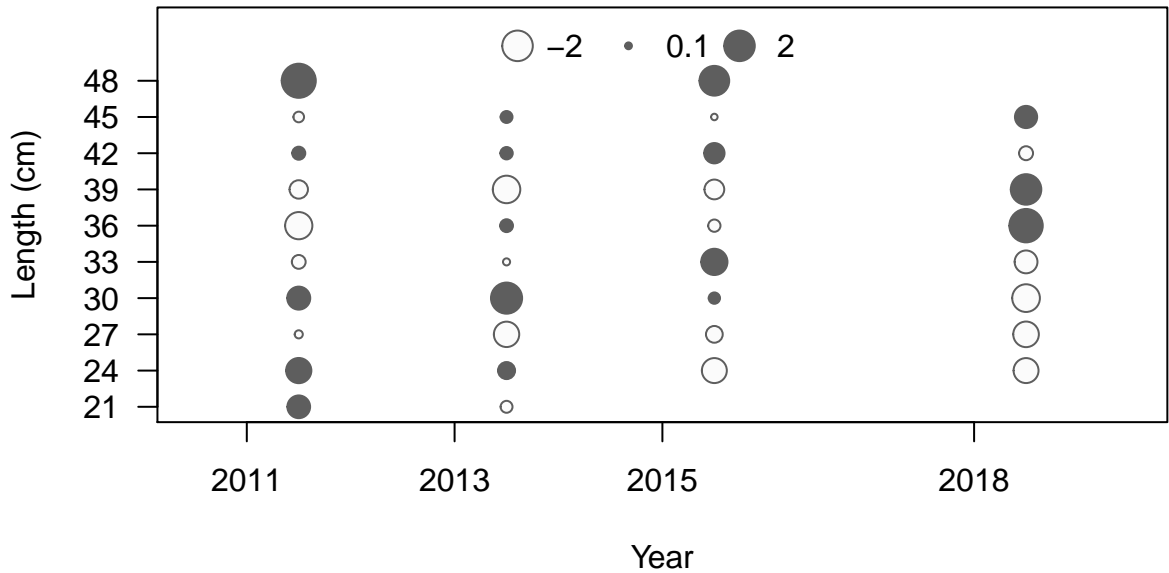




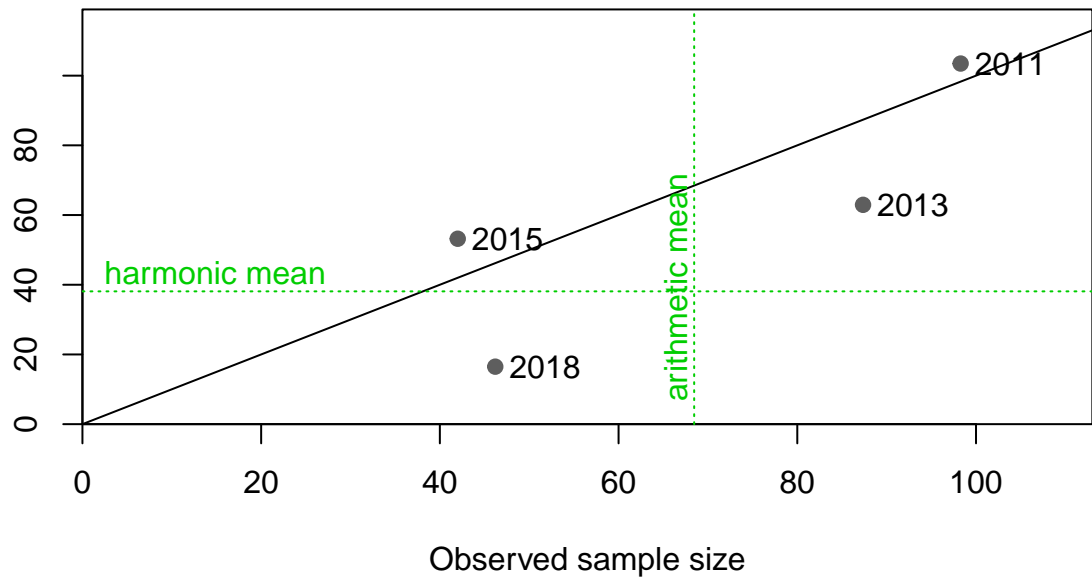
Proportion



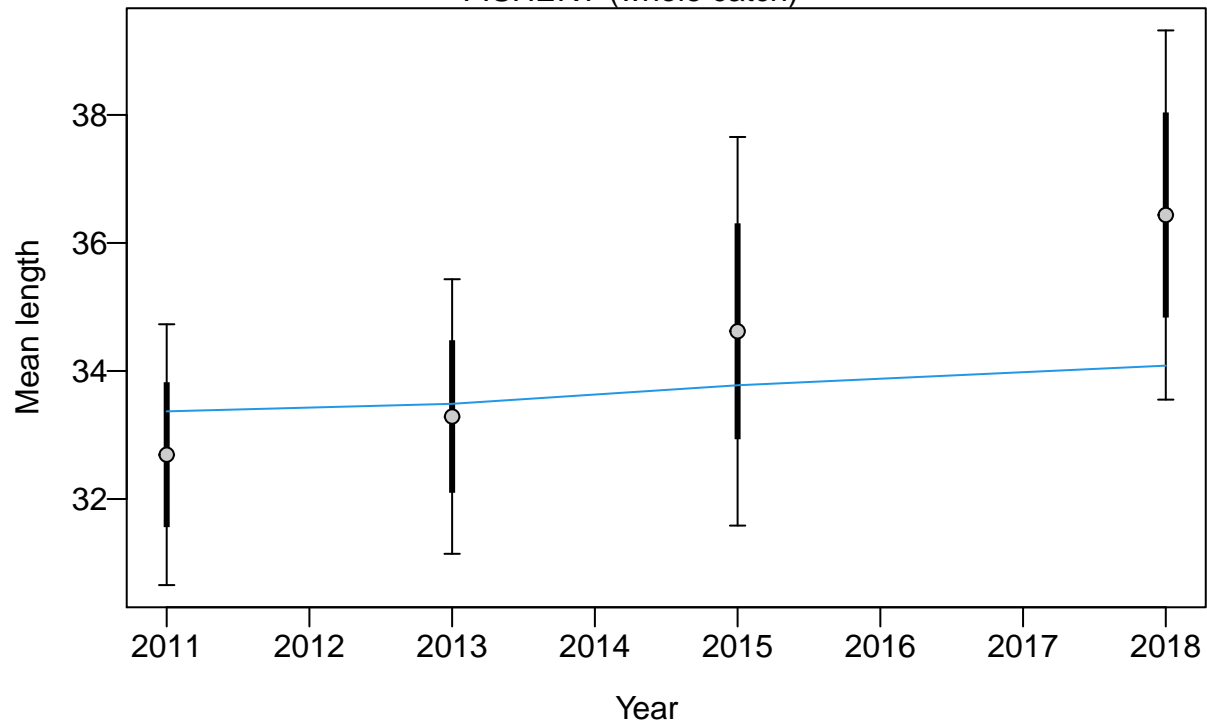
Length (cm)

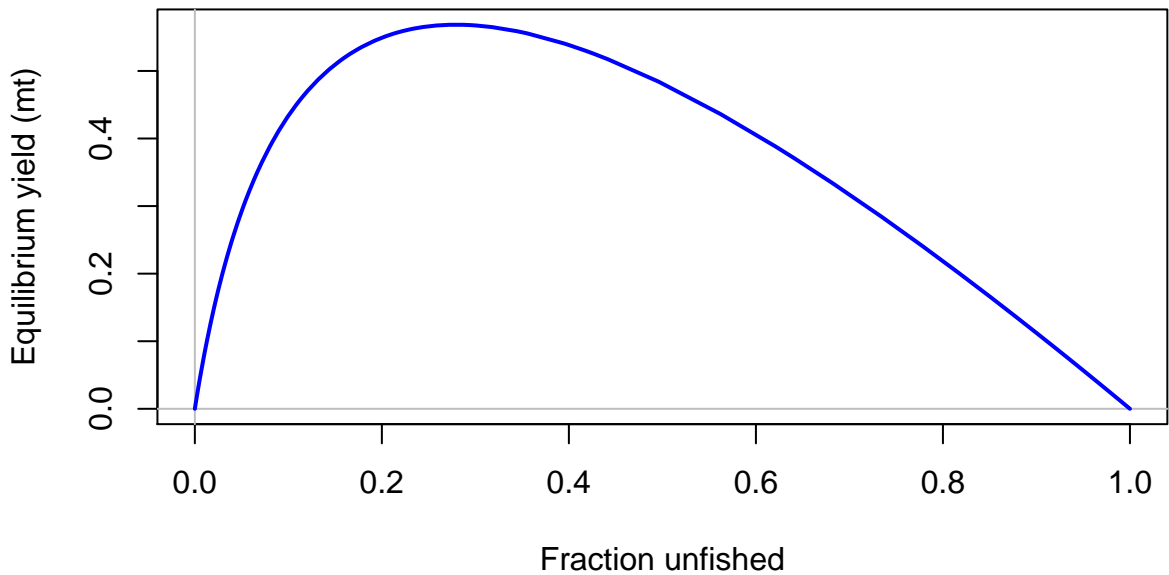


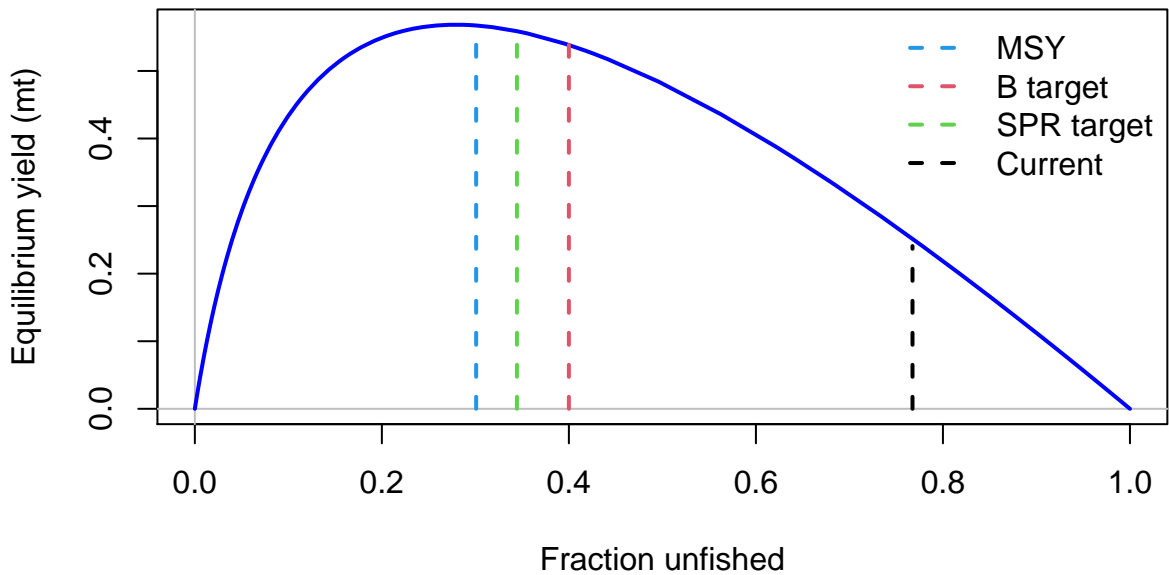
Effective sample size

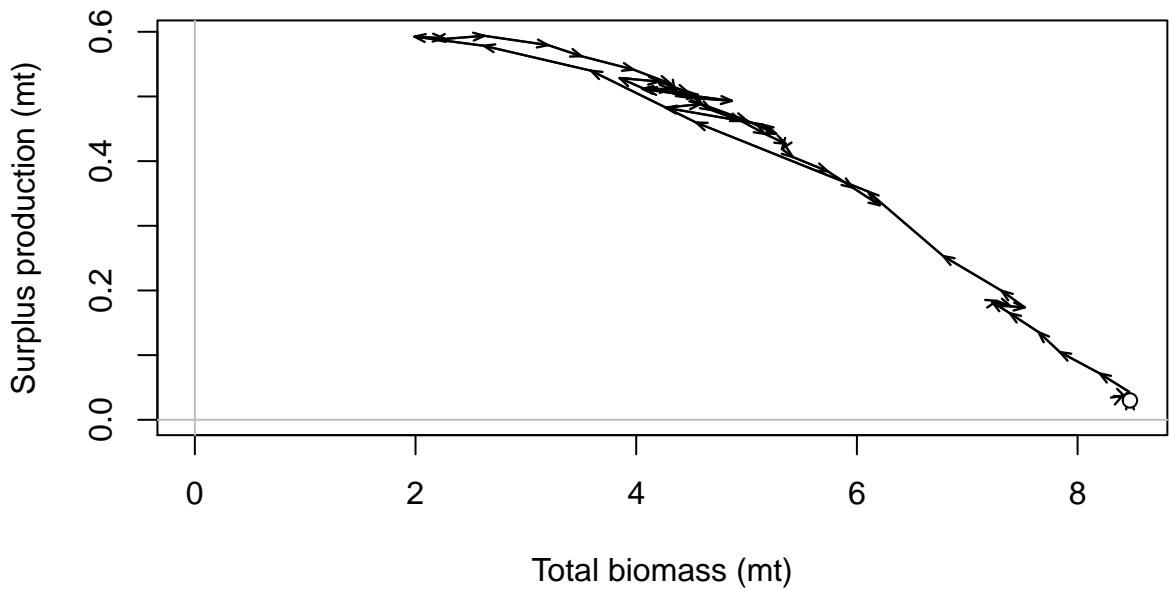


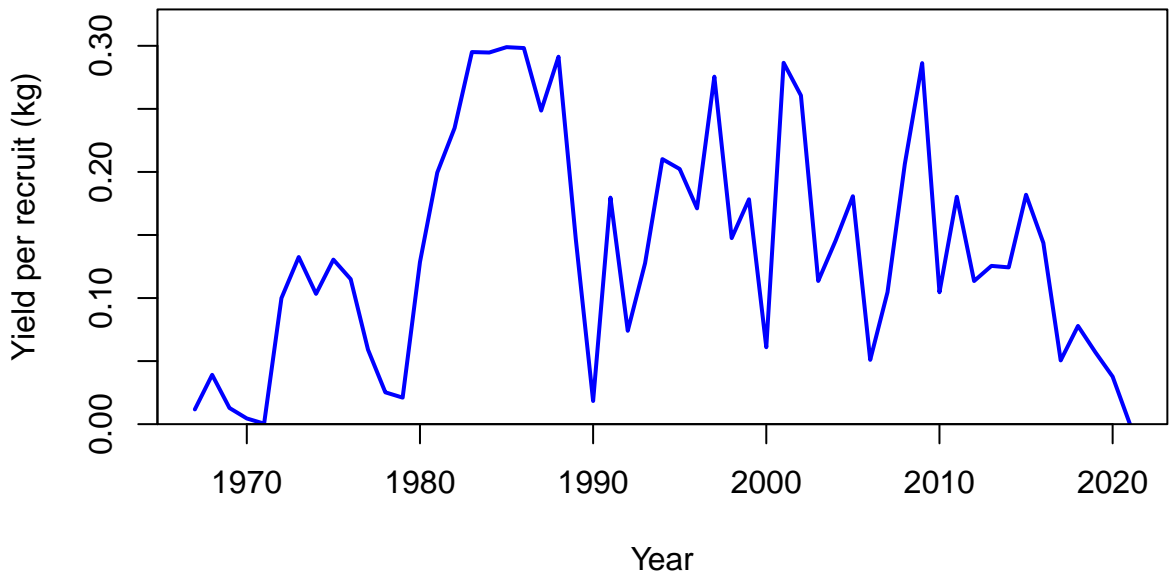
FISHERY (whole catch)

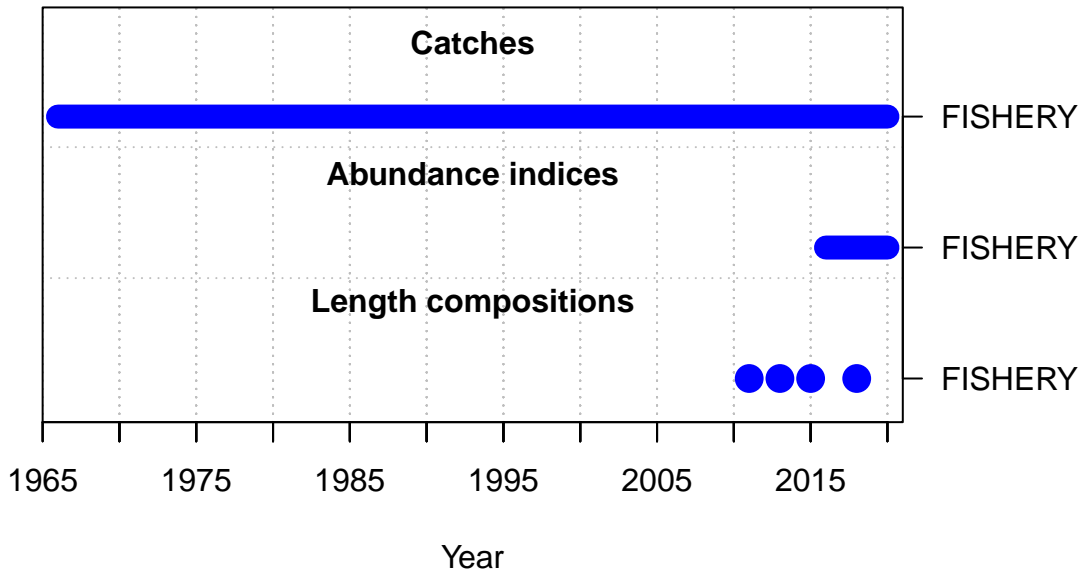


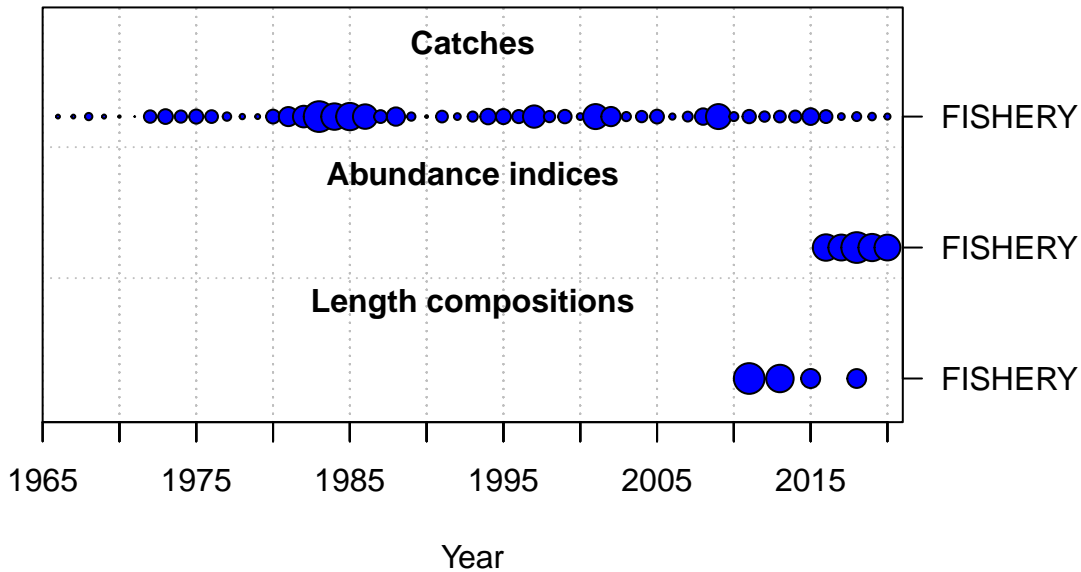




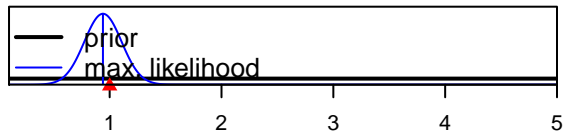




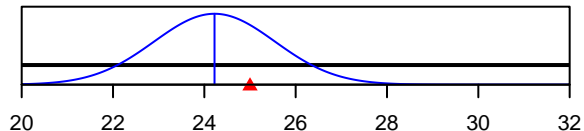




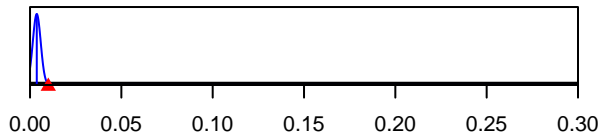
SR_LN(R0)



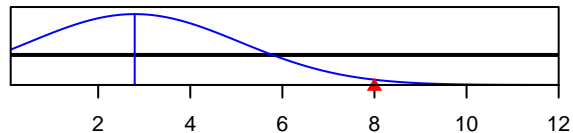
Size_inflection_FISHERY(1)



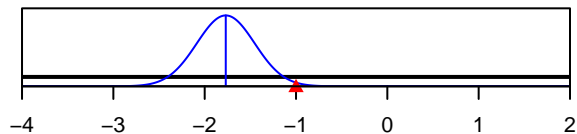
InitF_seas_1_flt_1FISHERY



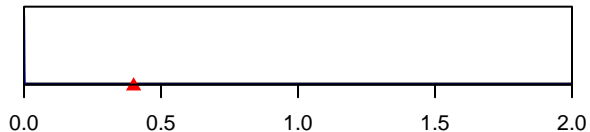
Size_95%width_FISHERY(1)



LnQ_base_FISHERY(1)



Q_extraSD_FISHERY(1)



Parameter value