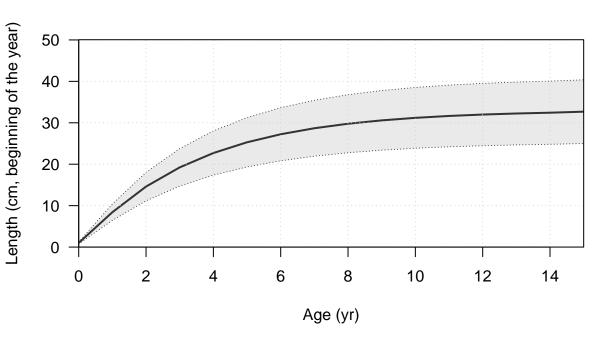
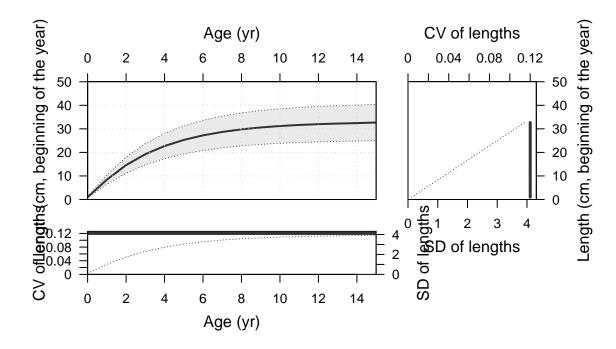
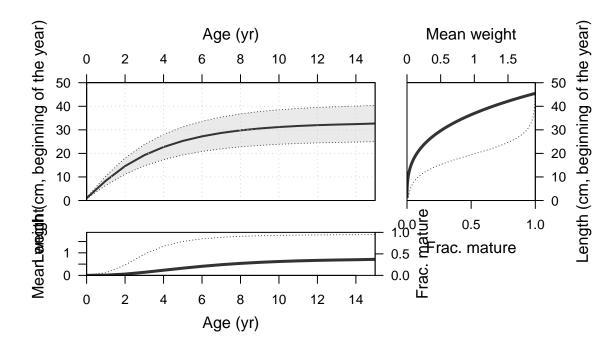
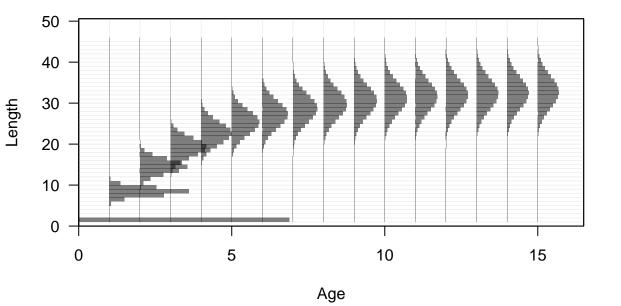
Plots created using the 'r4ss' package in R Stock Synthesis version: 3.30.19.0 StartTime: Thu Jul 07 14:18:41 2022 Data File: data.ss

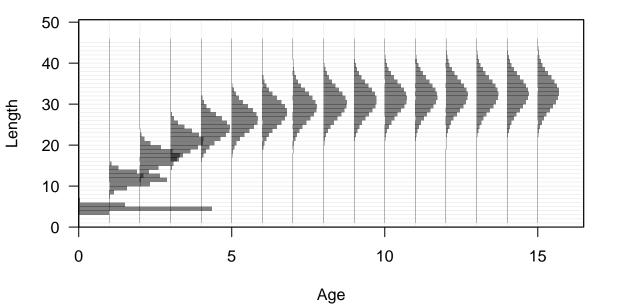
Control_File: control.ss



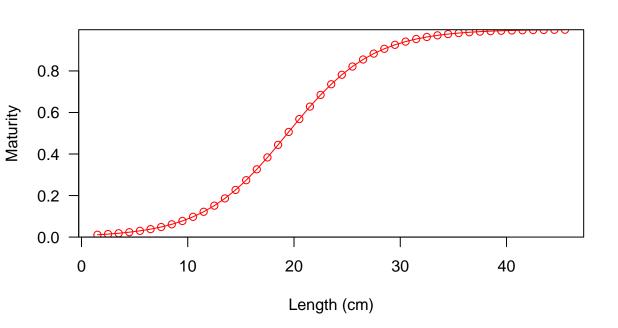








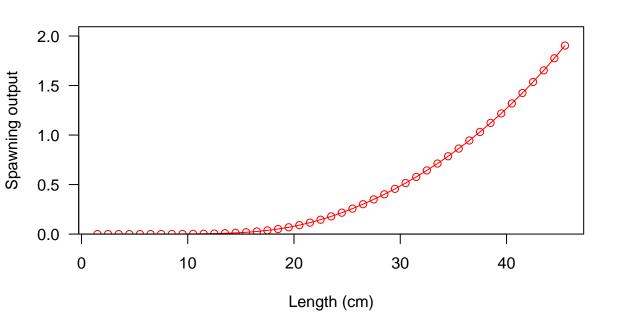


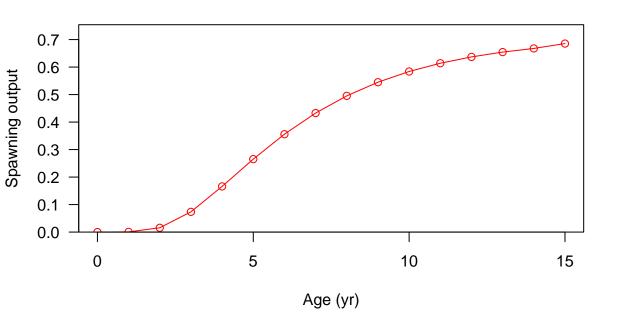


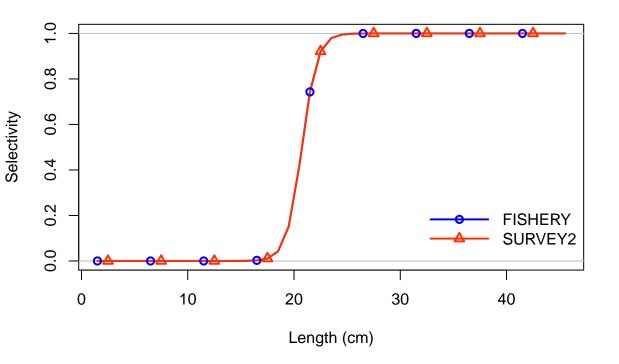


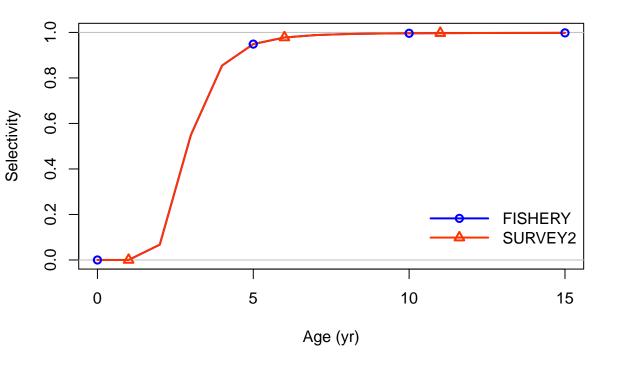


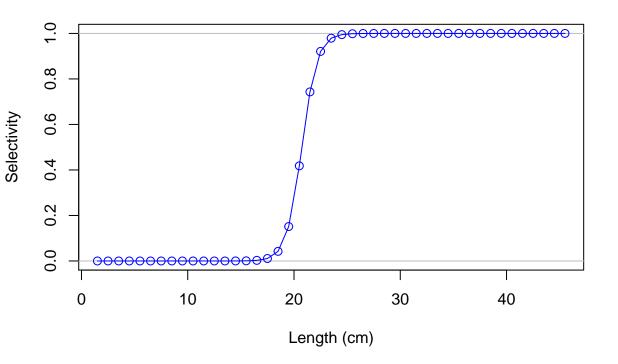


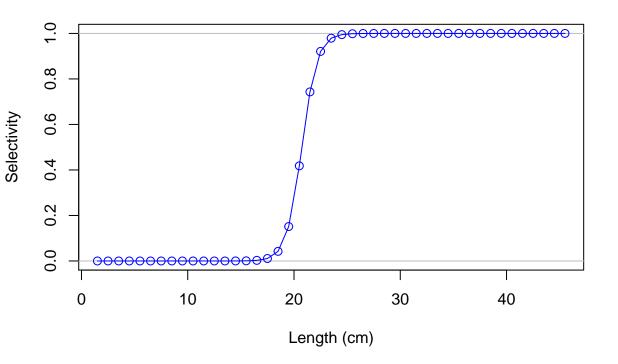


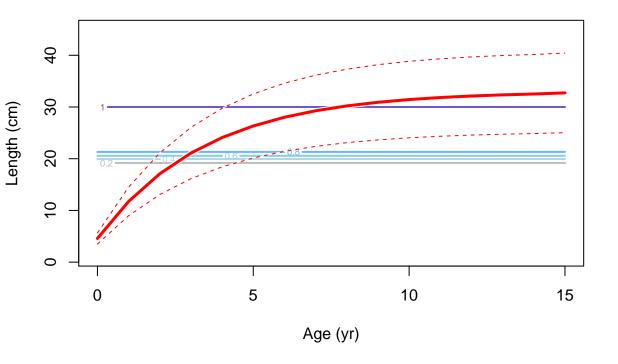


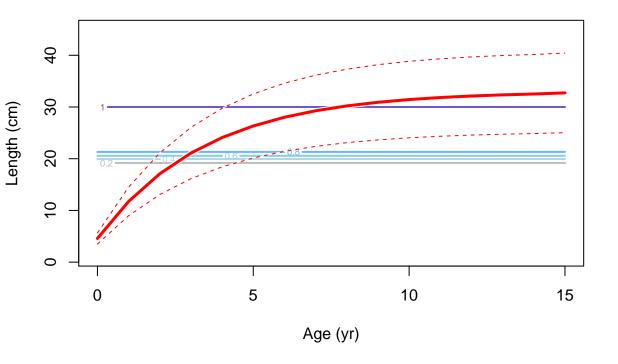


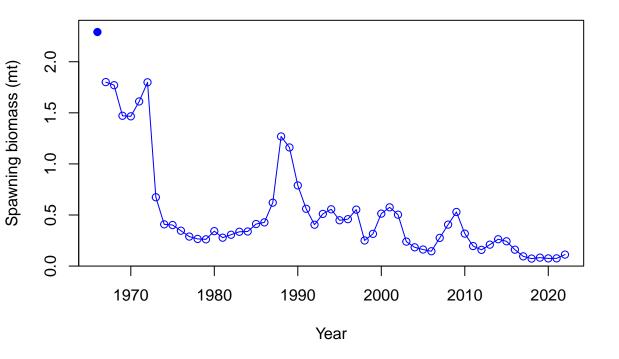


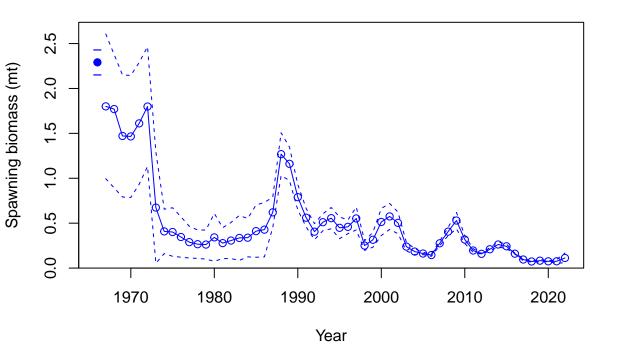


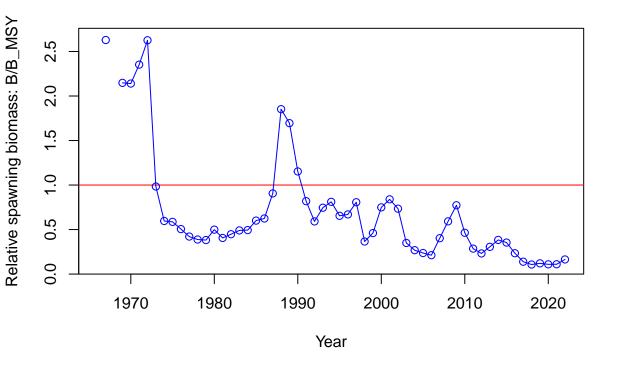


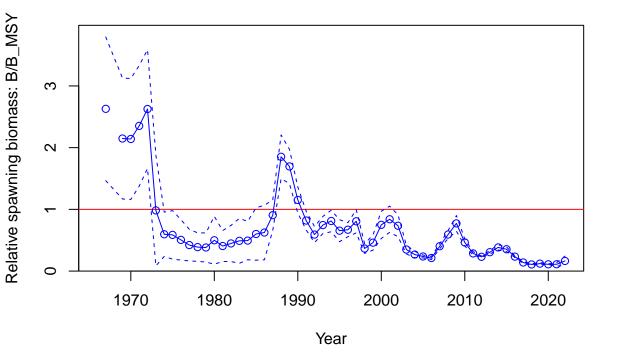


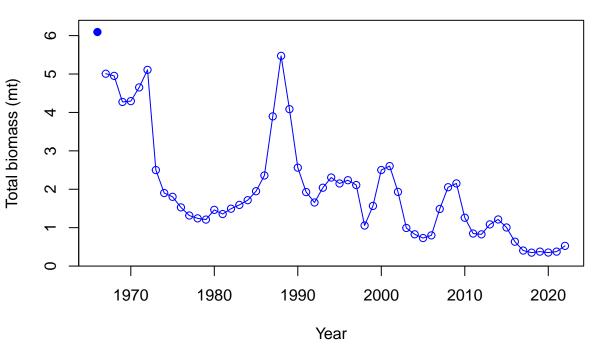


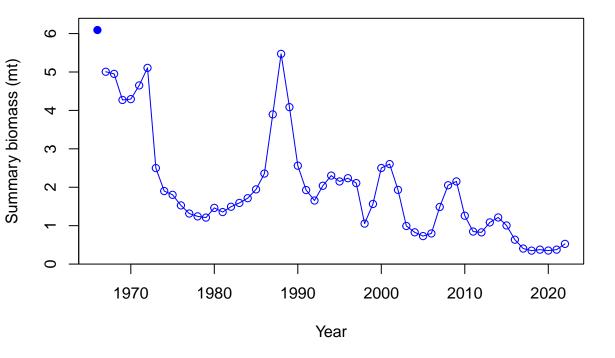


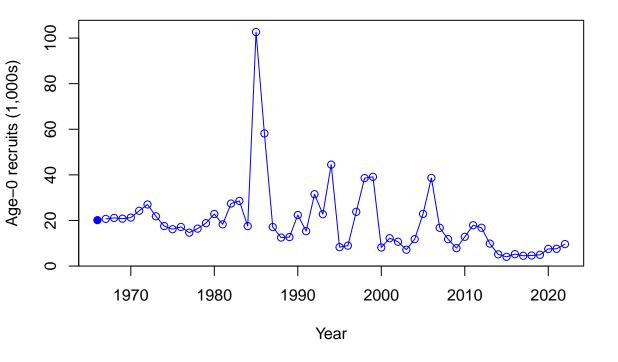


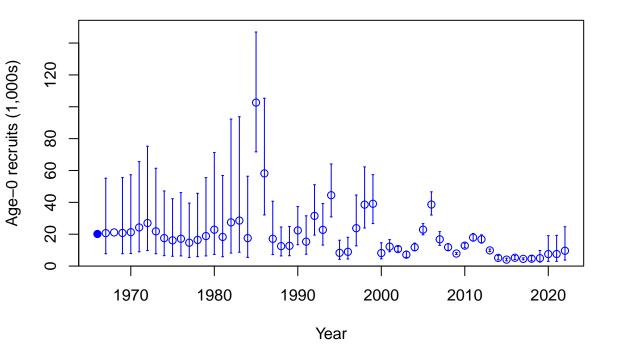


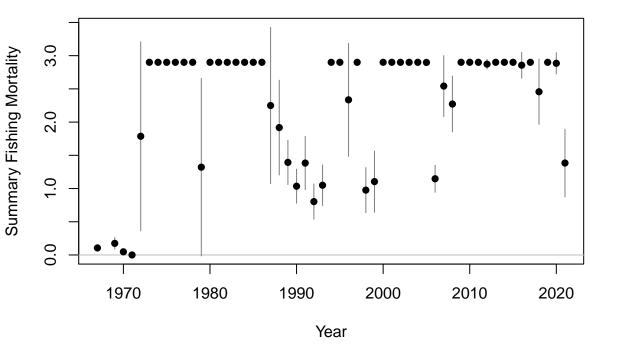


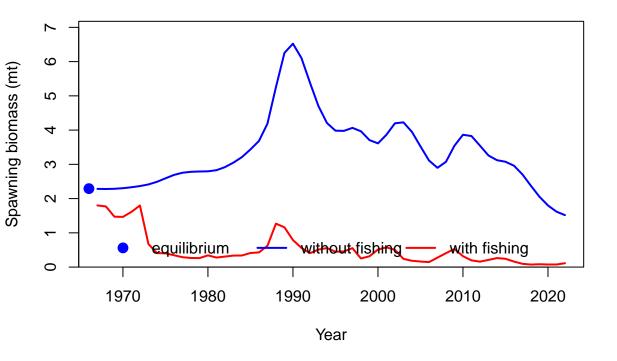


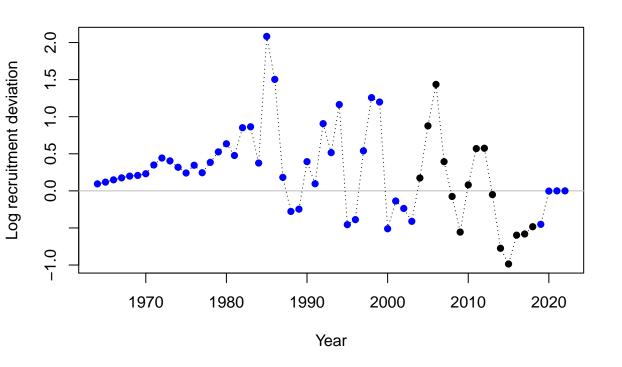


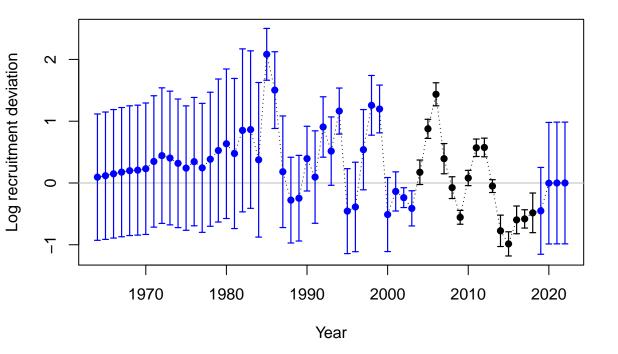




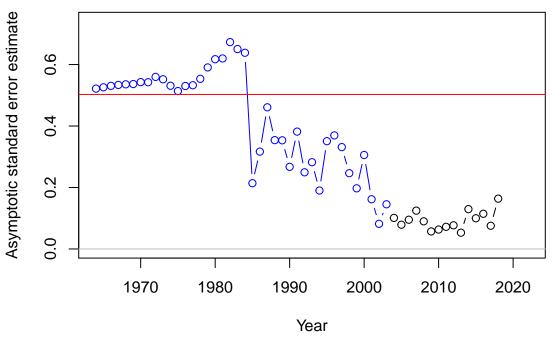


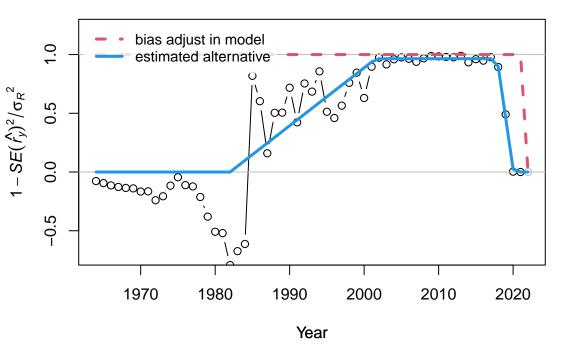


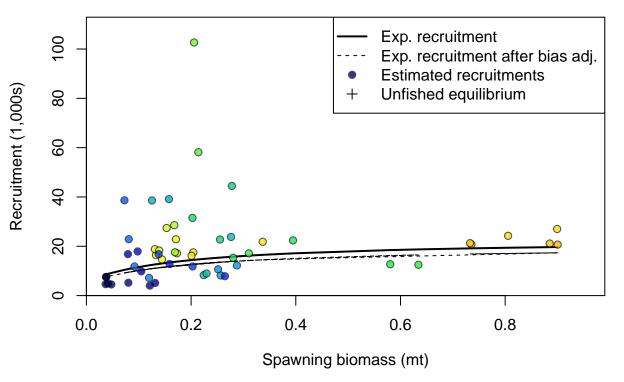


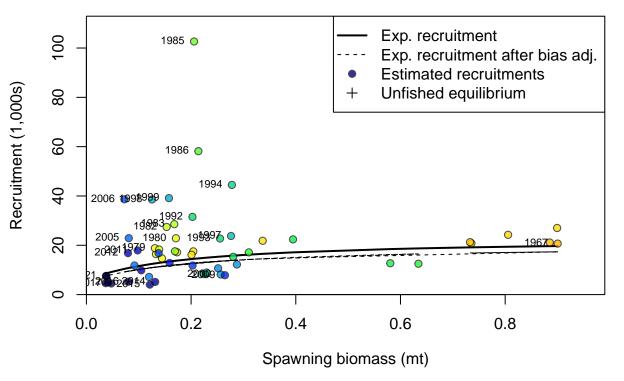


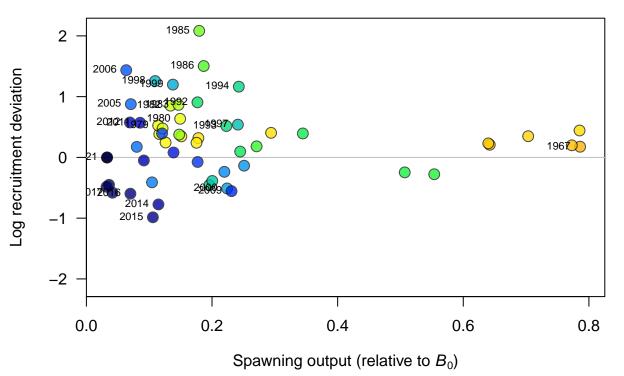
Recruitment deviation variance

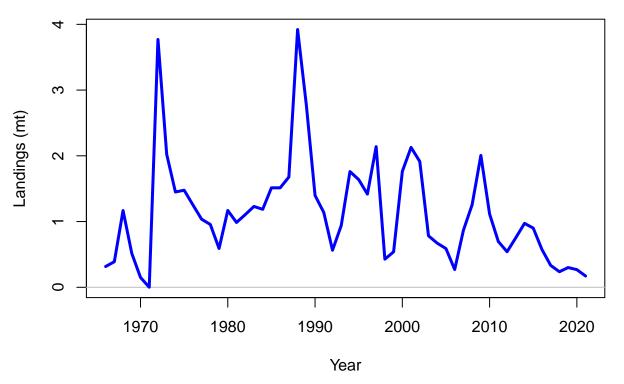


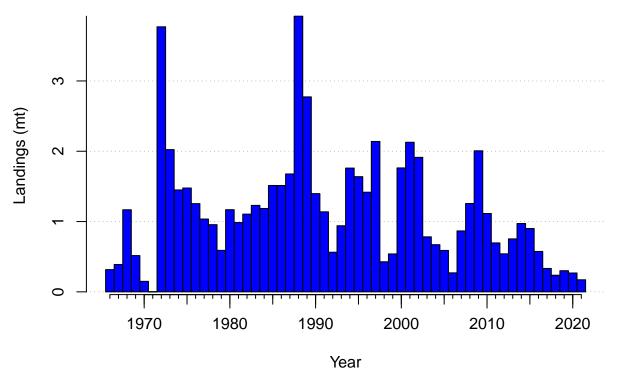


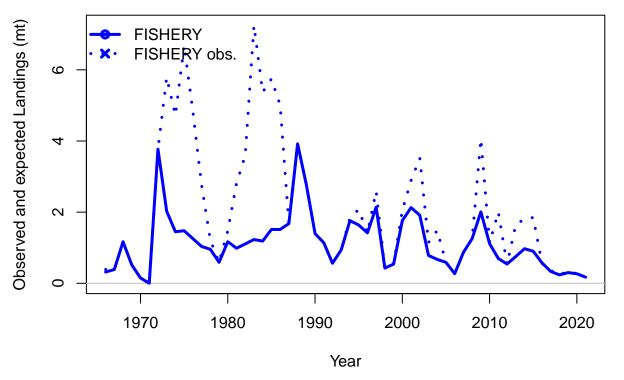


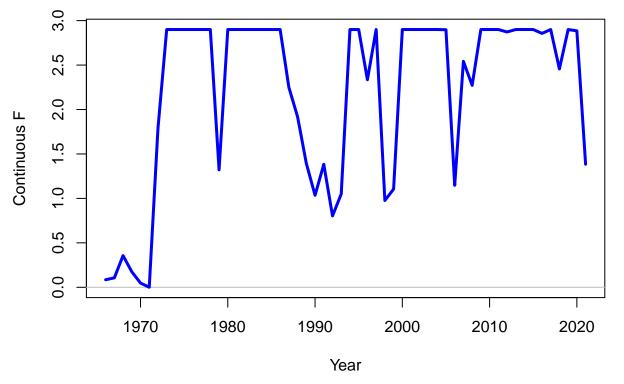


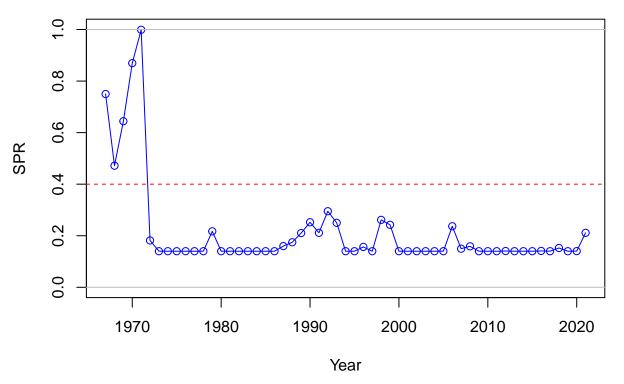


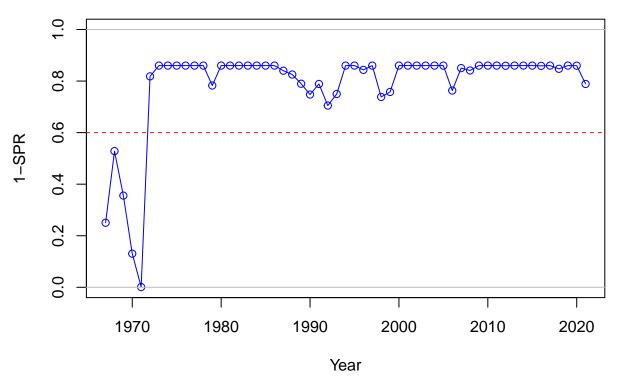


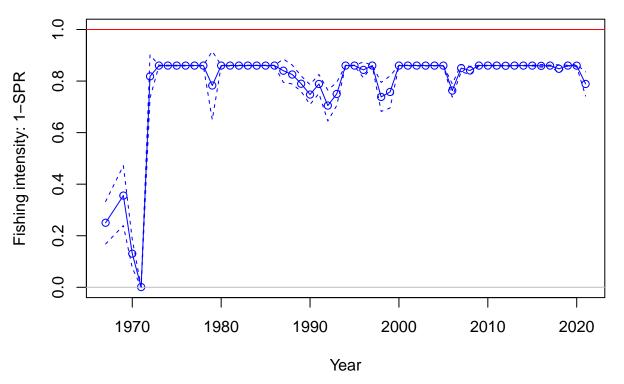


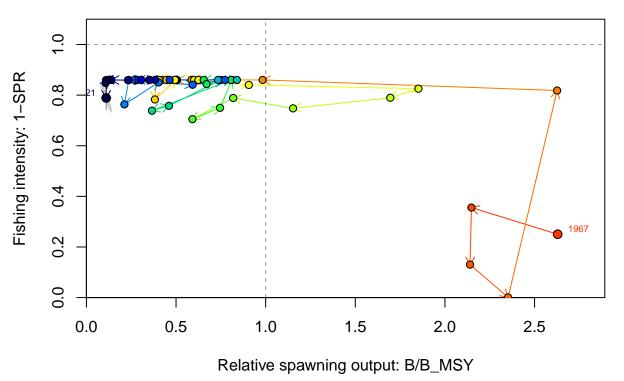




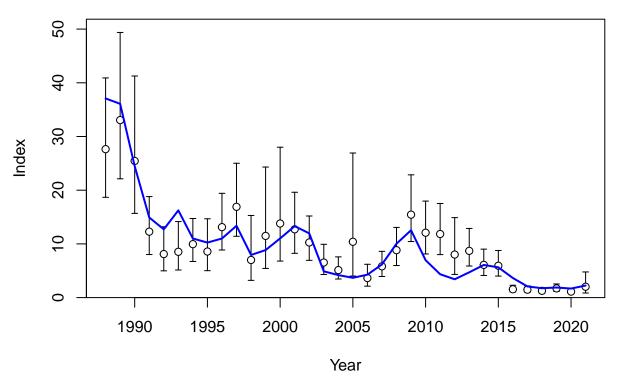


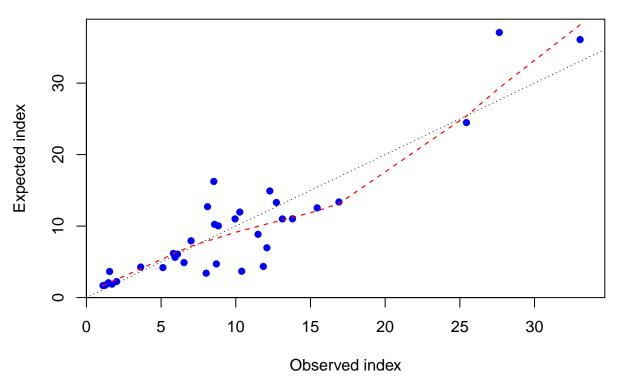




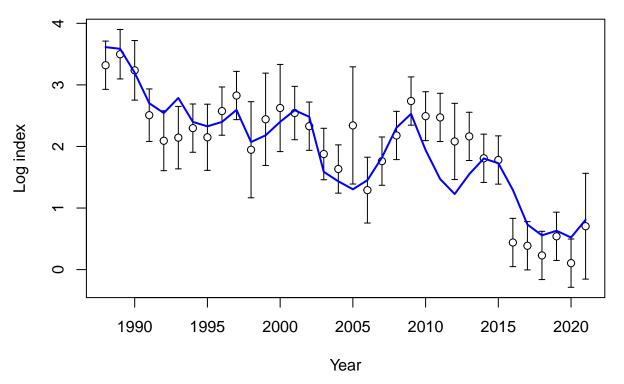


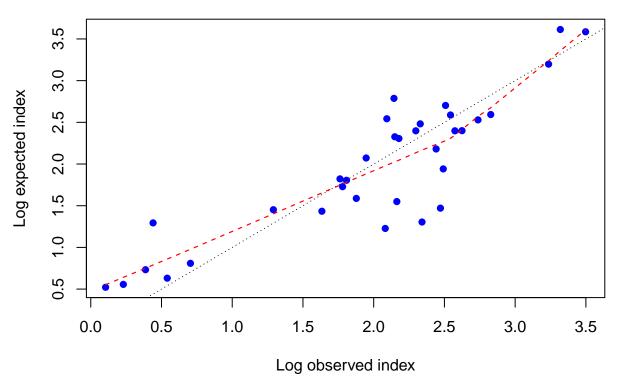


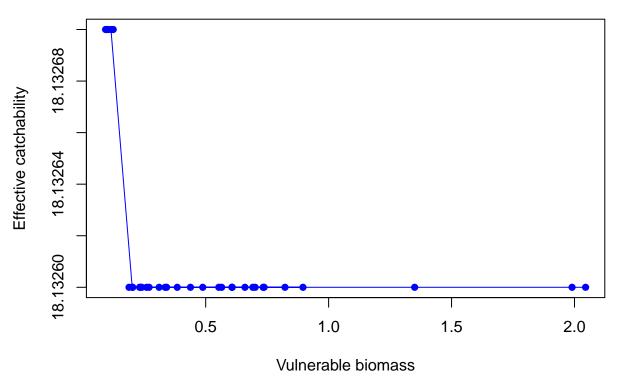


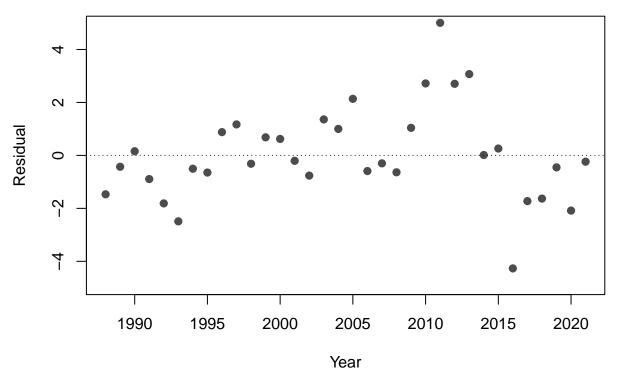


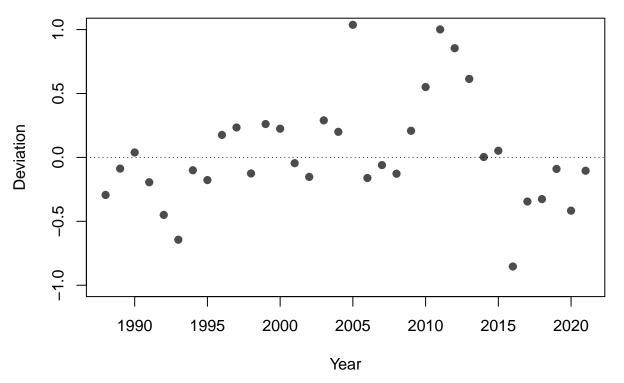




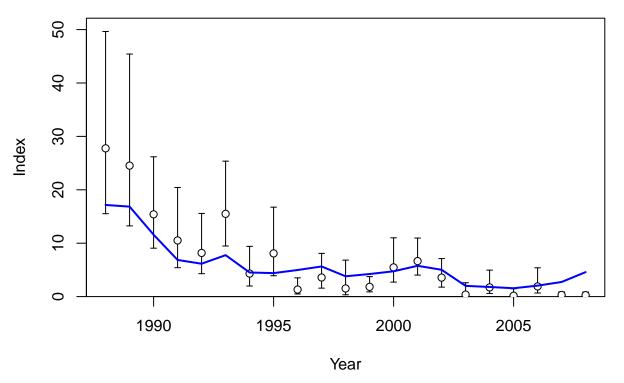


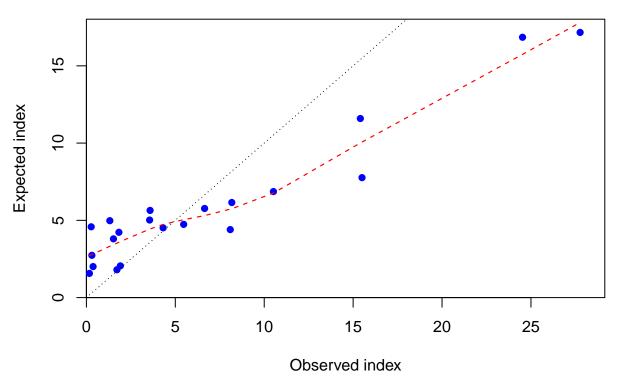




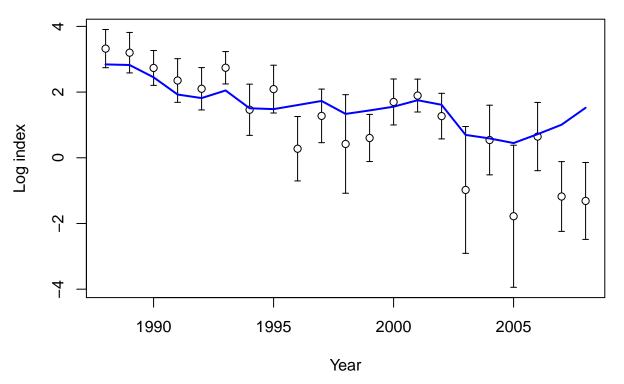


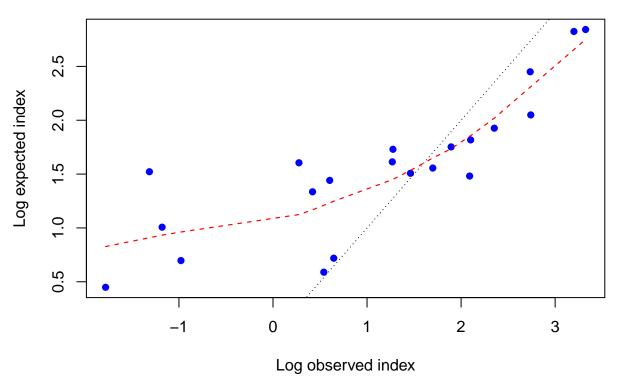


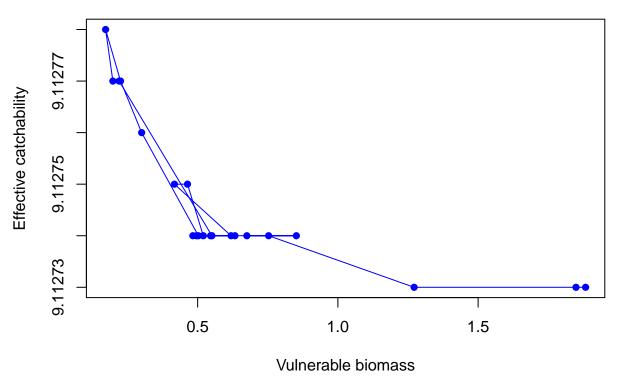


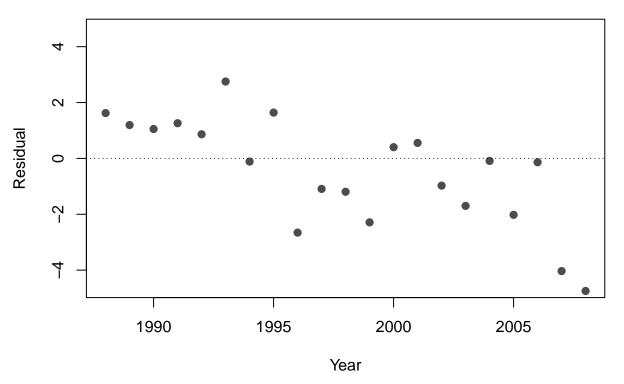


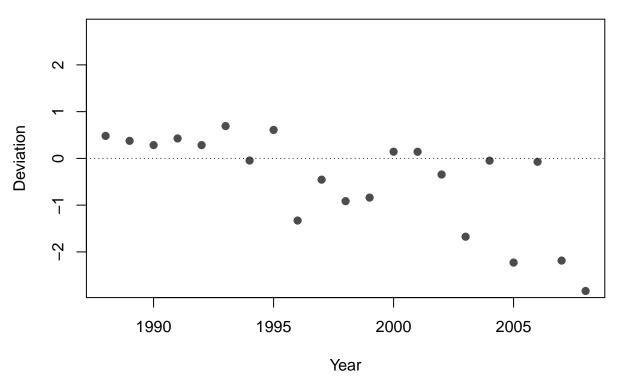




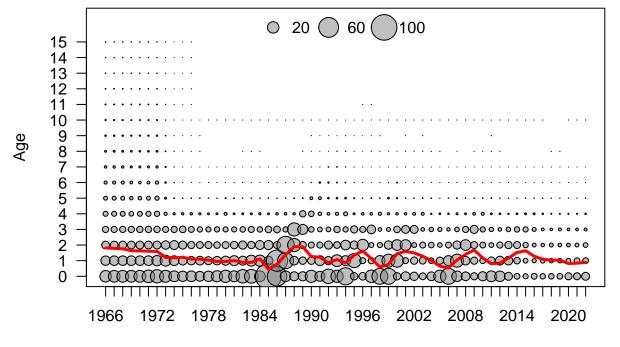




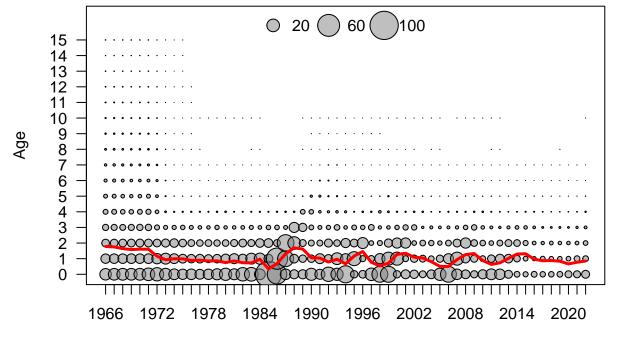




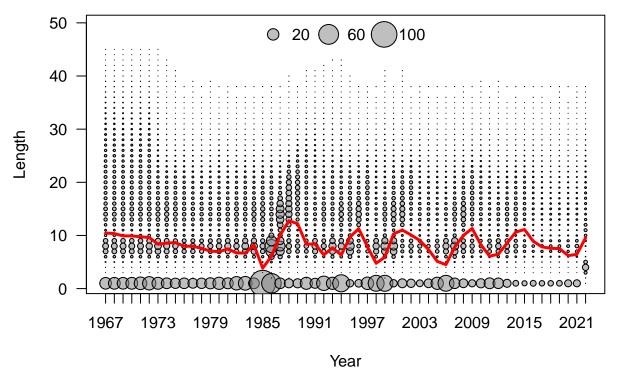


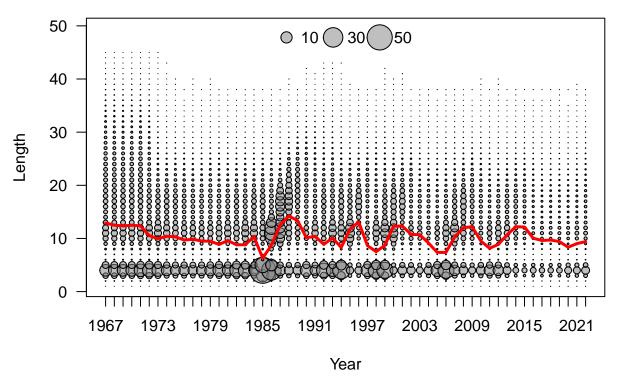


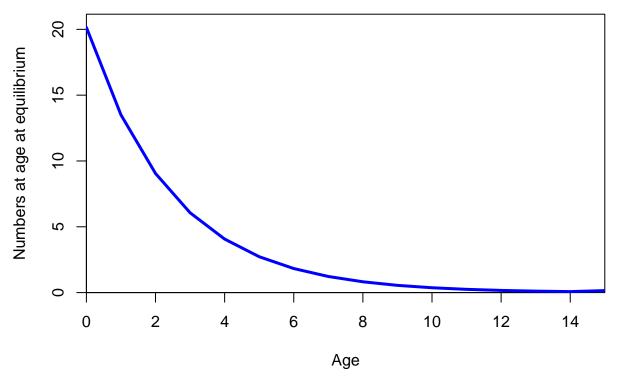
Year

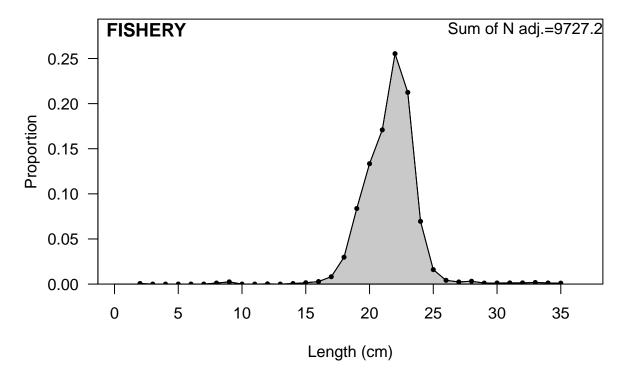


Year



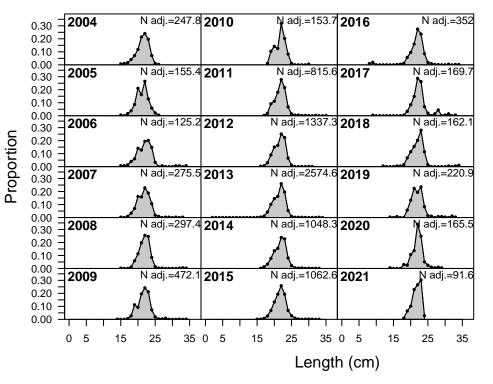




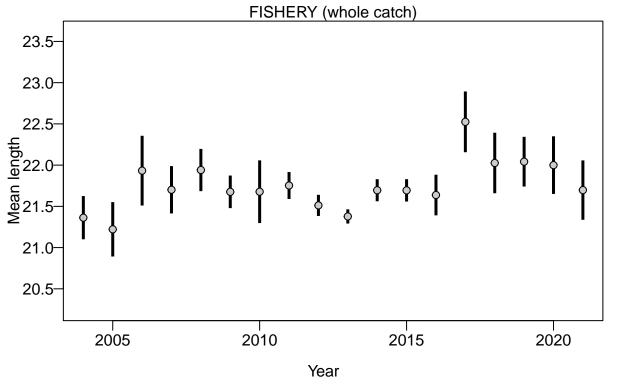


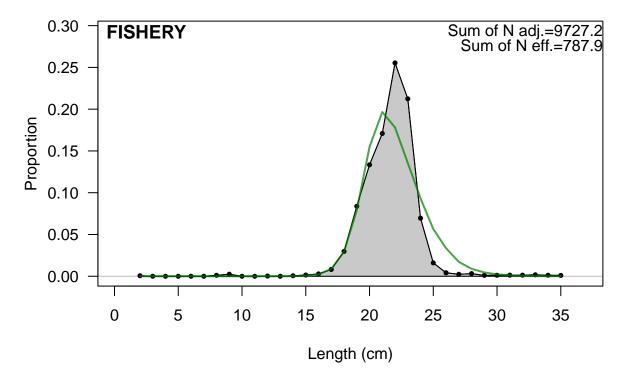


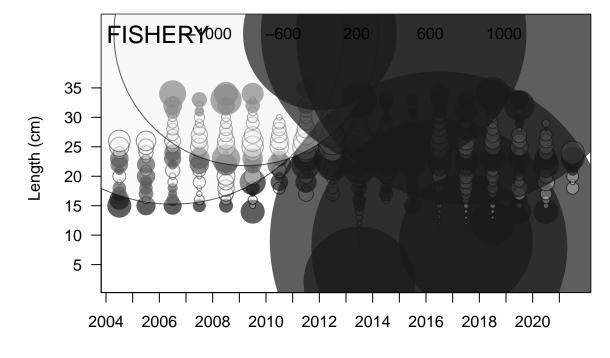
Year











Year

