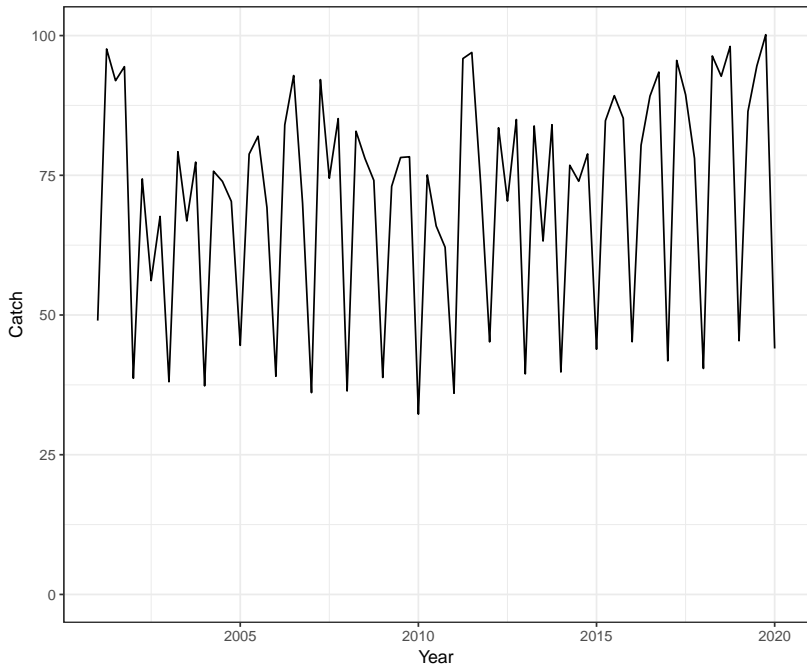


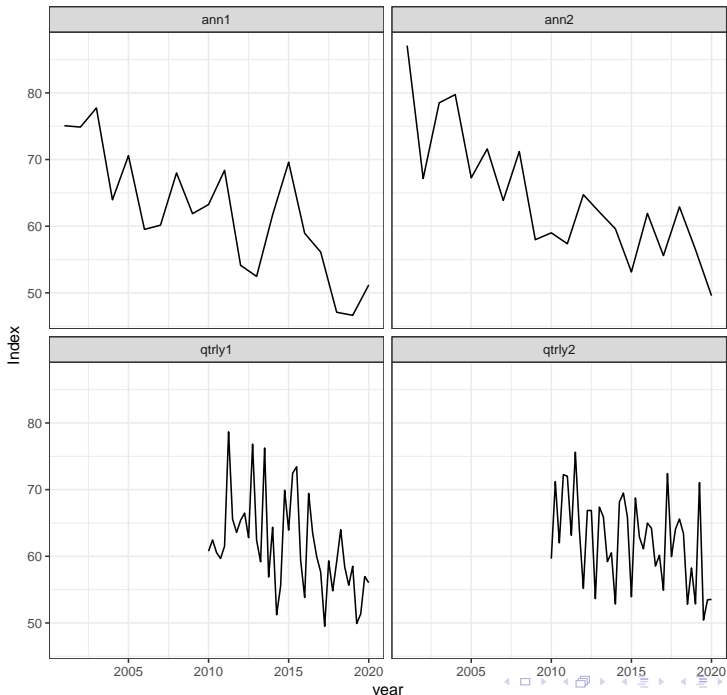
Simulation of within-year surplus production model fit

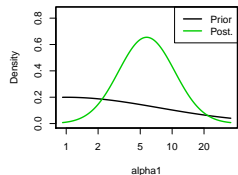
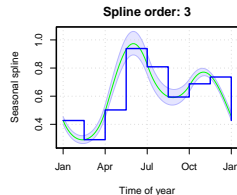
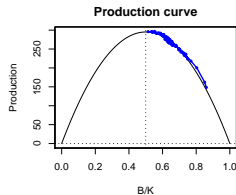
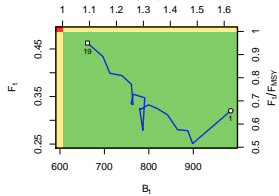
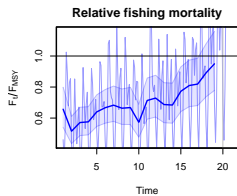
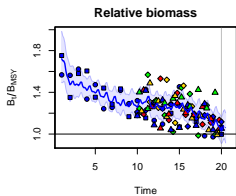
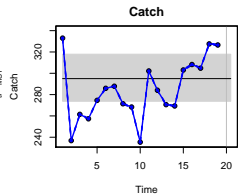
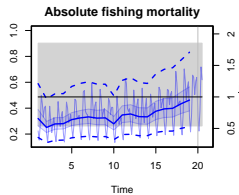
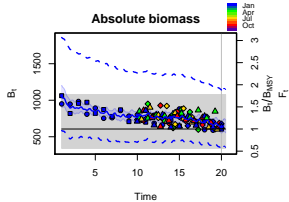
March 2, 2017

Seasonal simulated catches

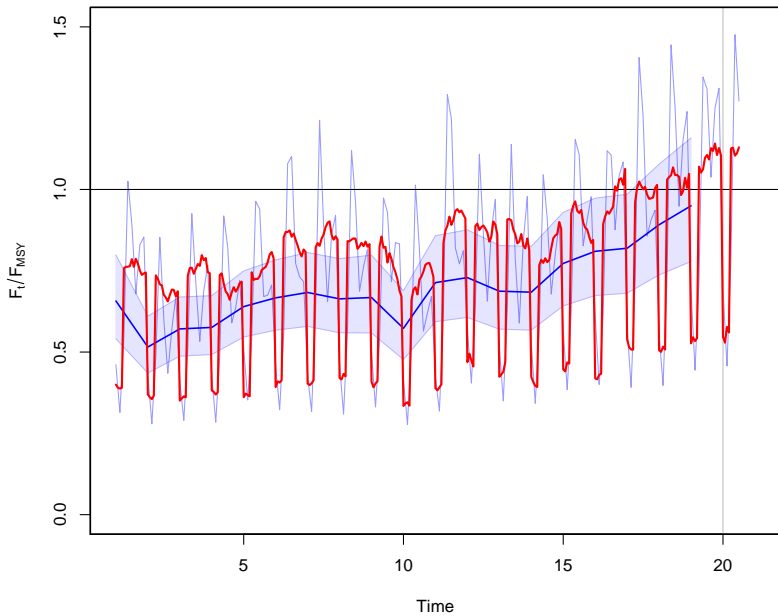


Varying timescale indices





Relative fishing mortality



Relative biomass

