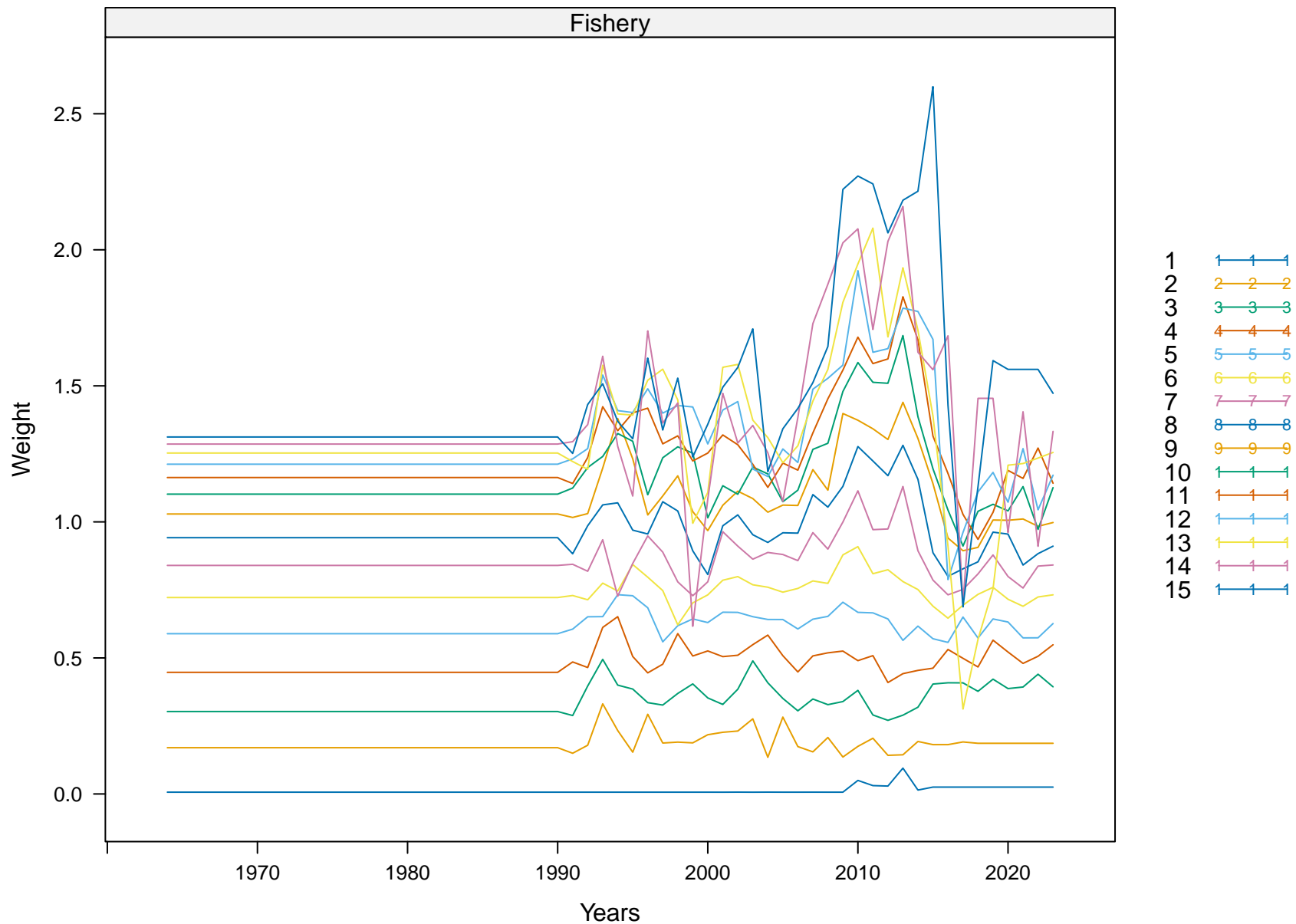
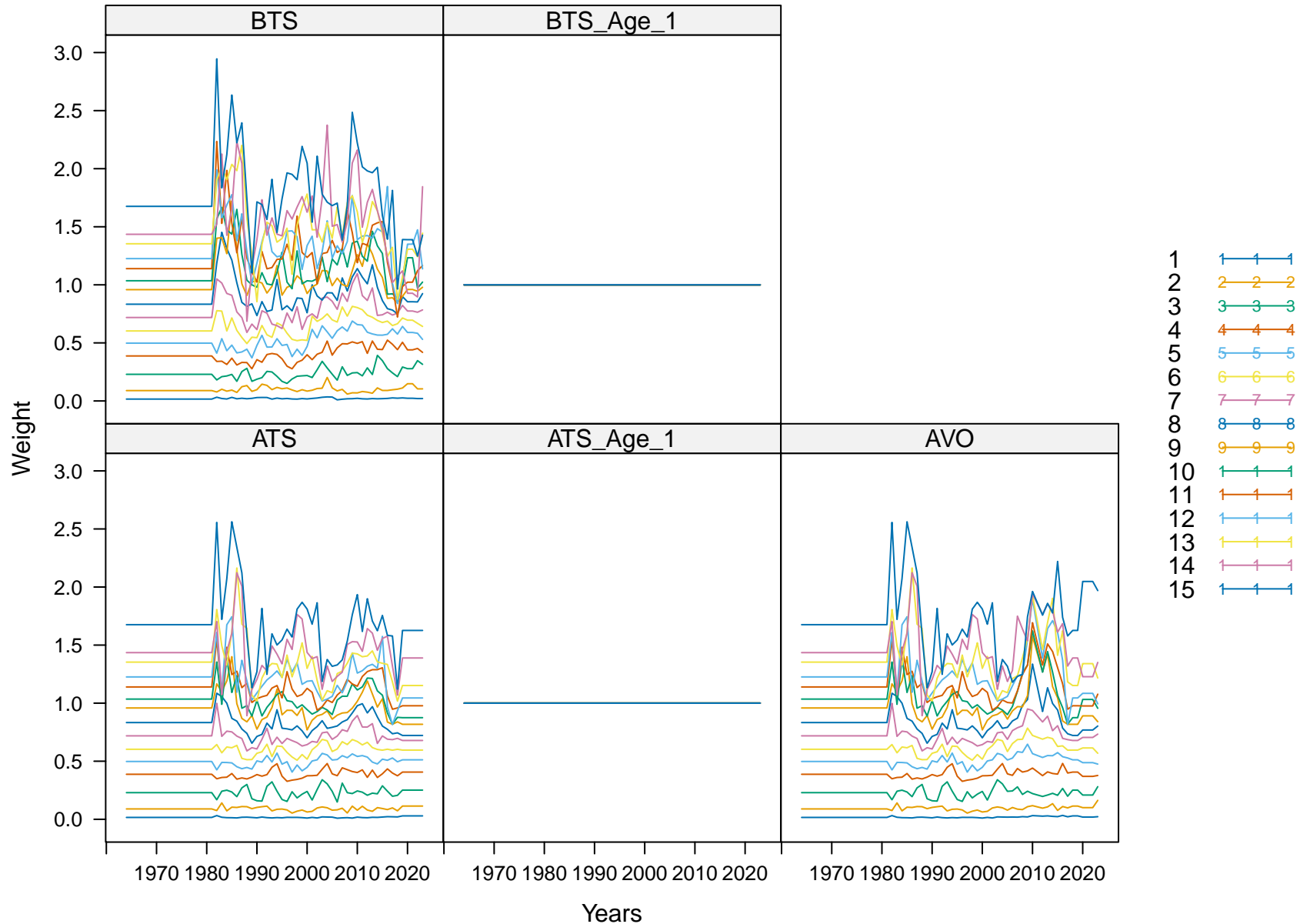


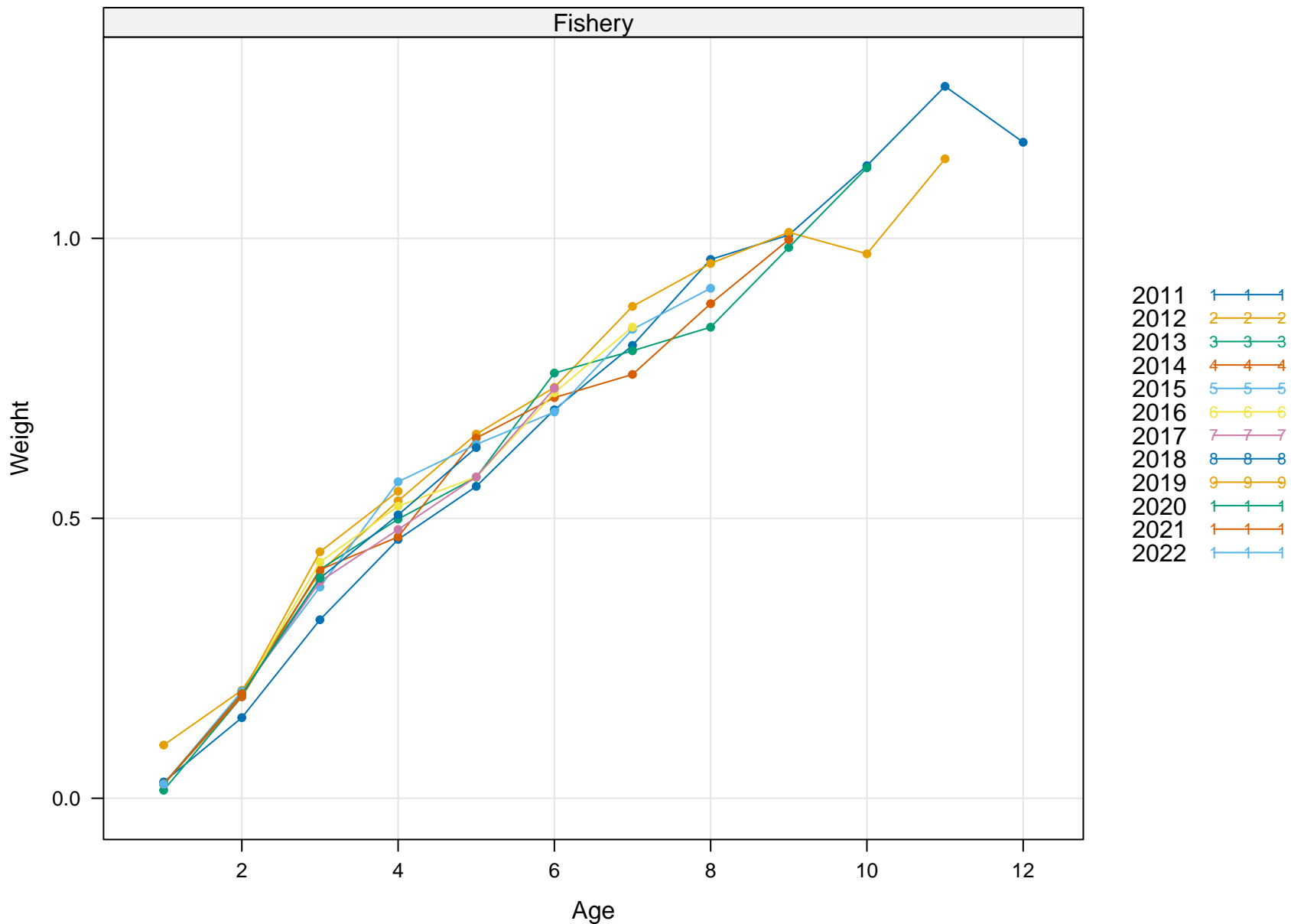
Weight at age in the fishery



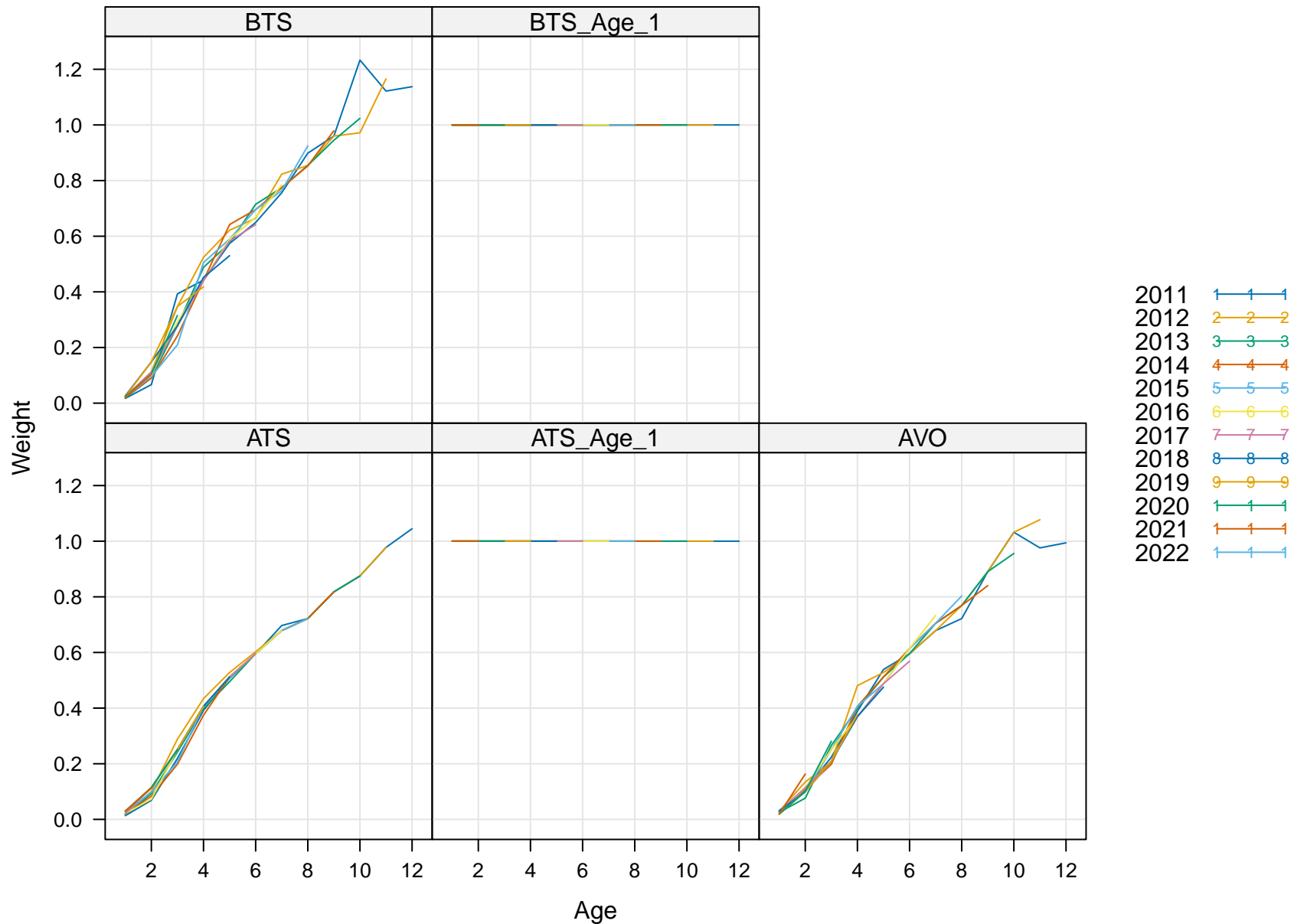
Weight at age in the survey



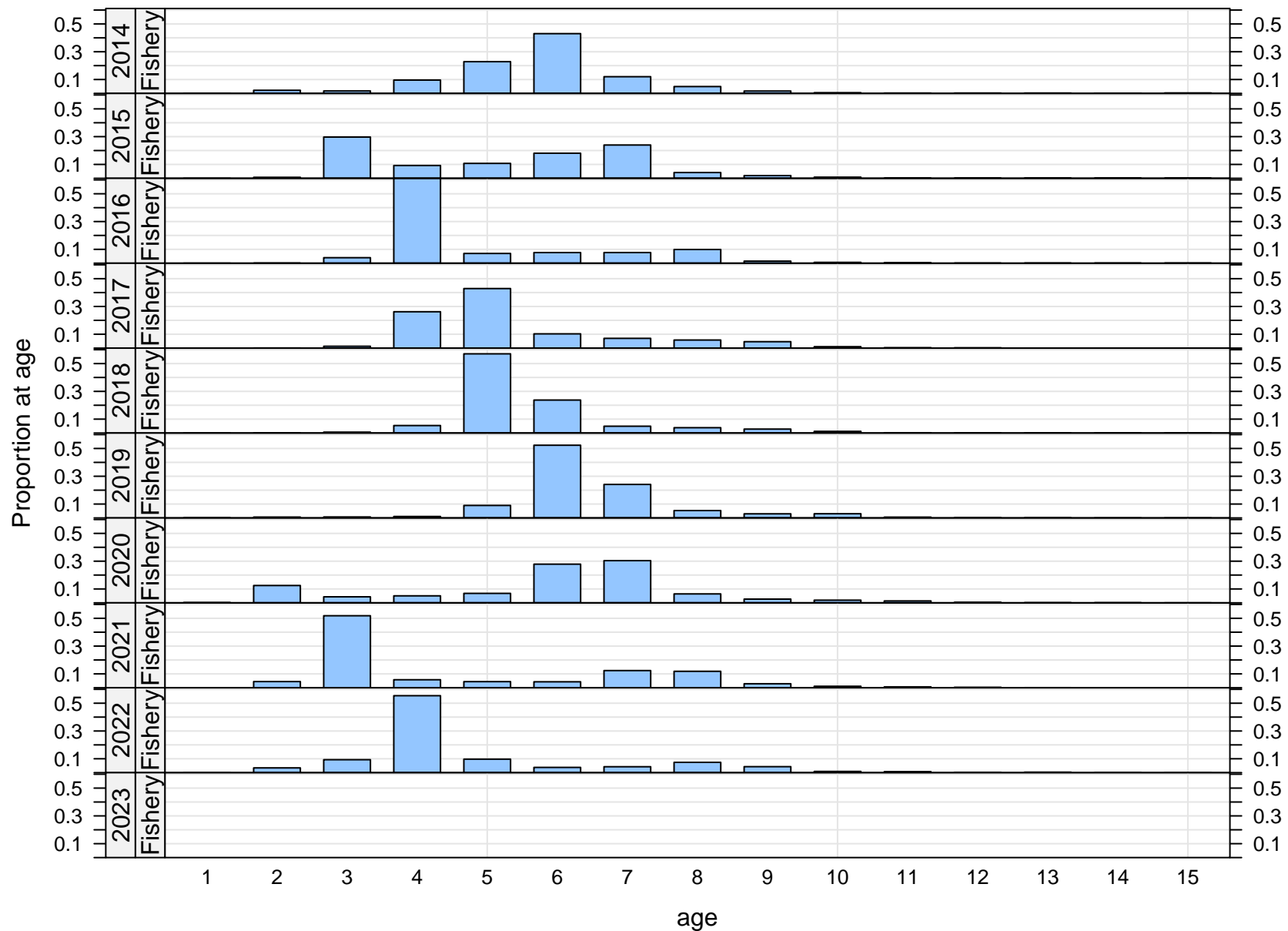
Weight at age by cohort in the fleet



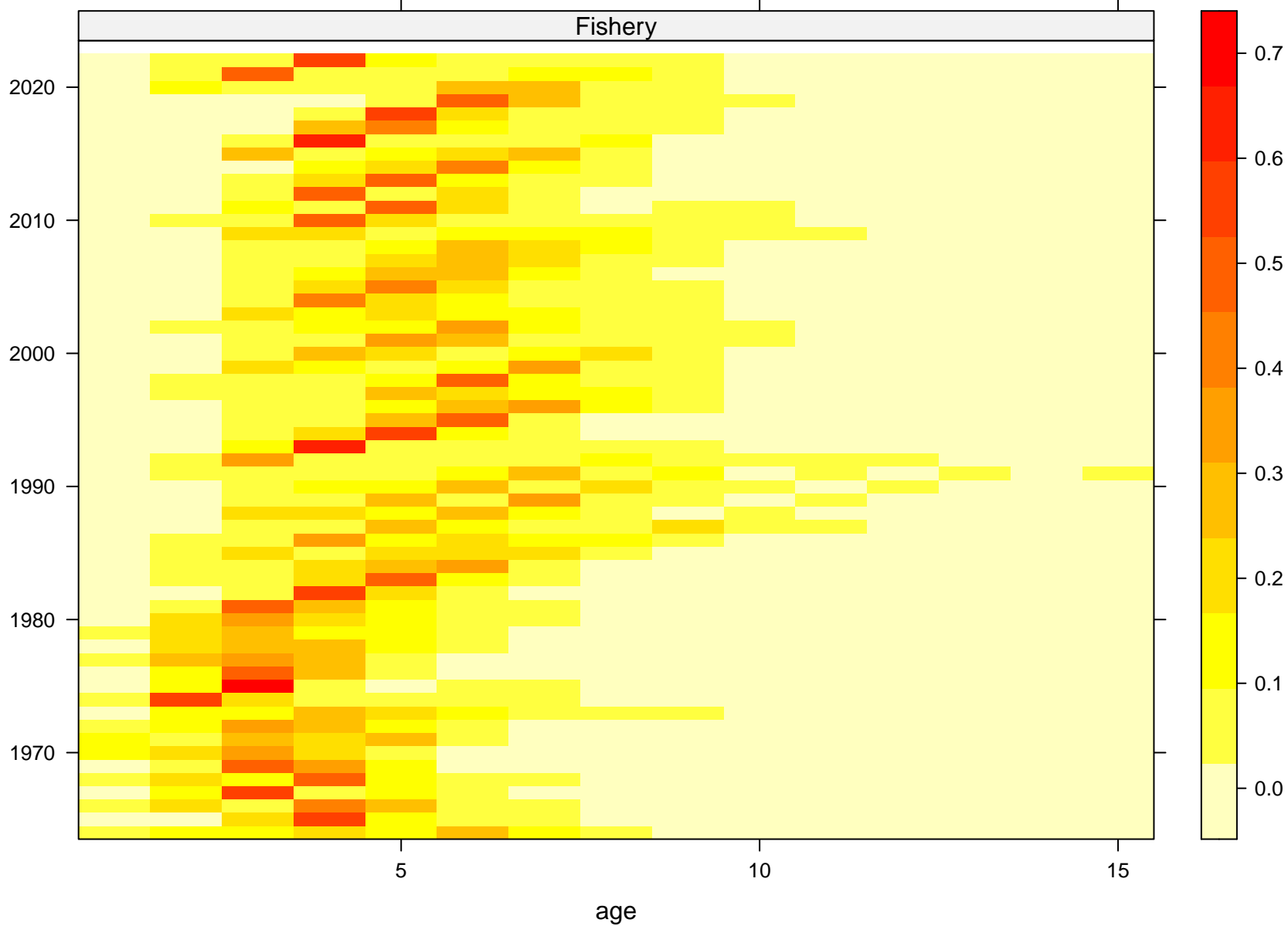
Weight at age by cohort in the survey



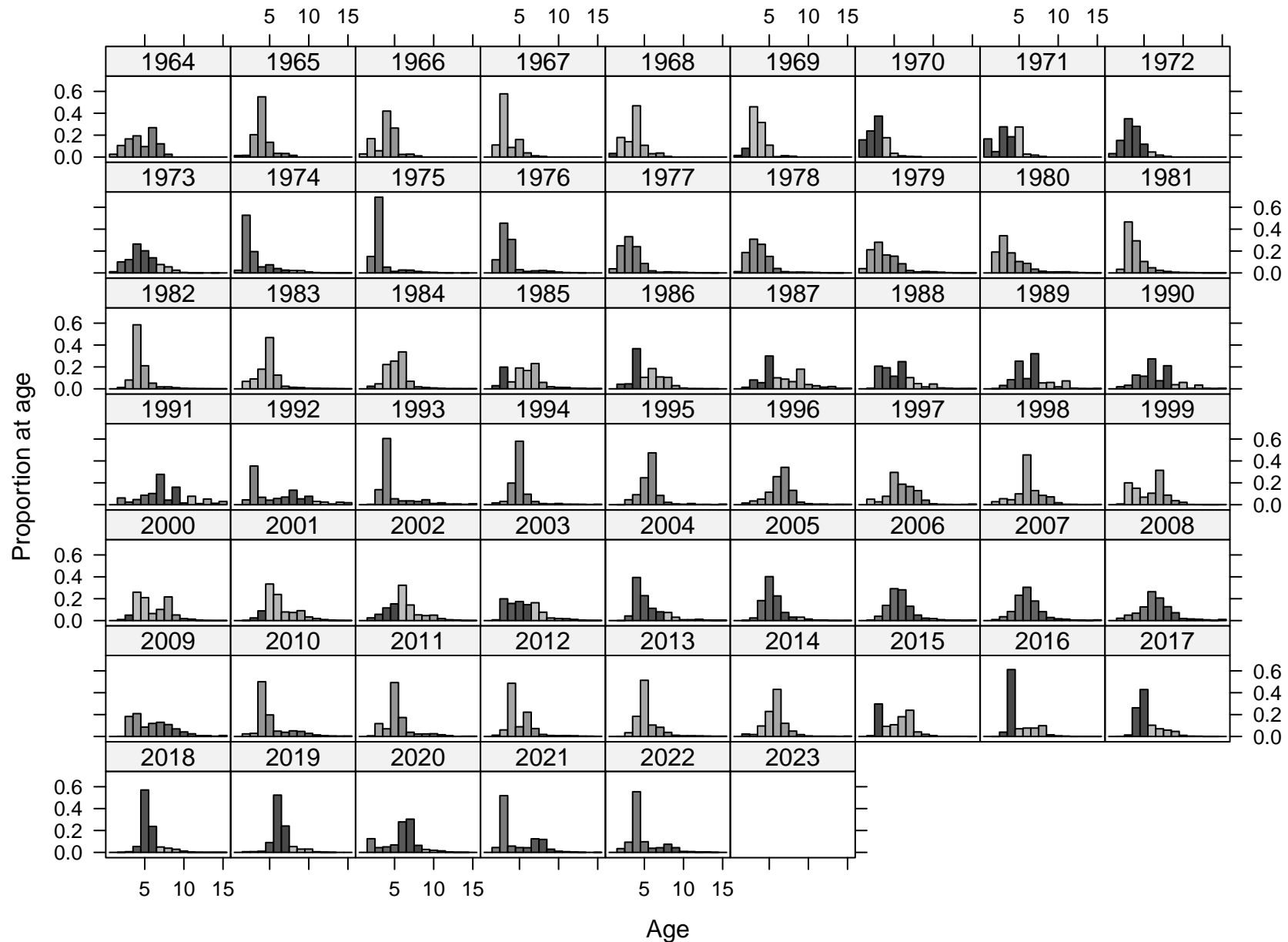
Age composition in fleets



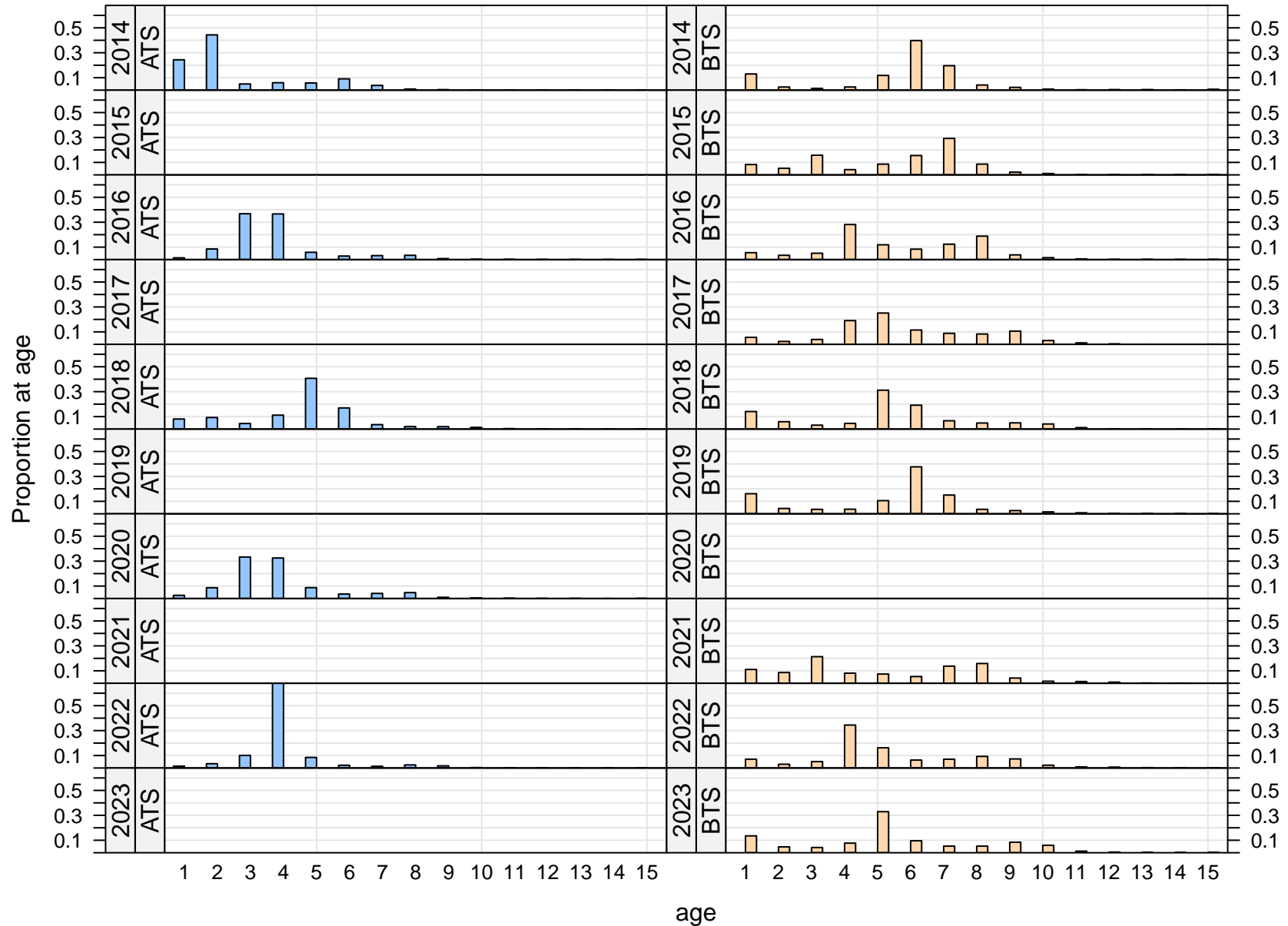
Age composition in fleets



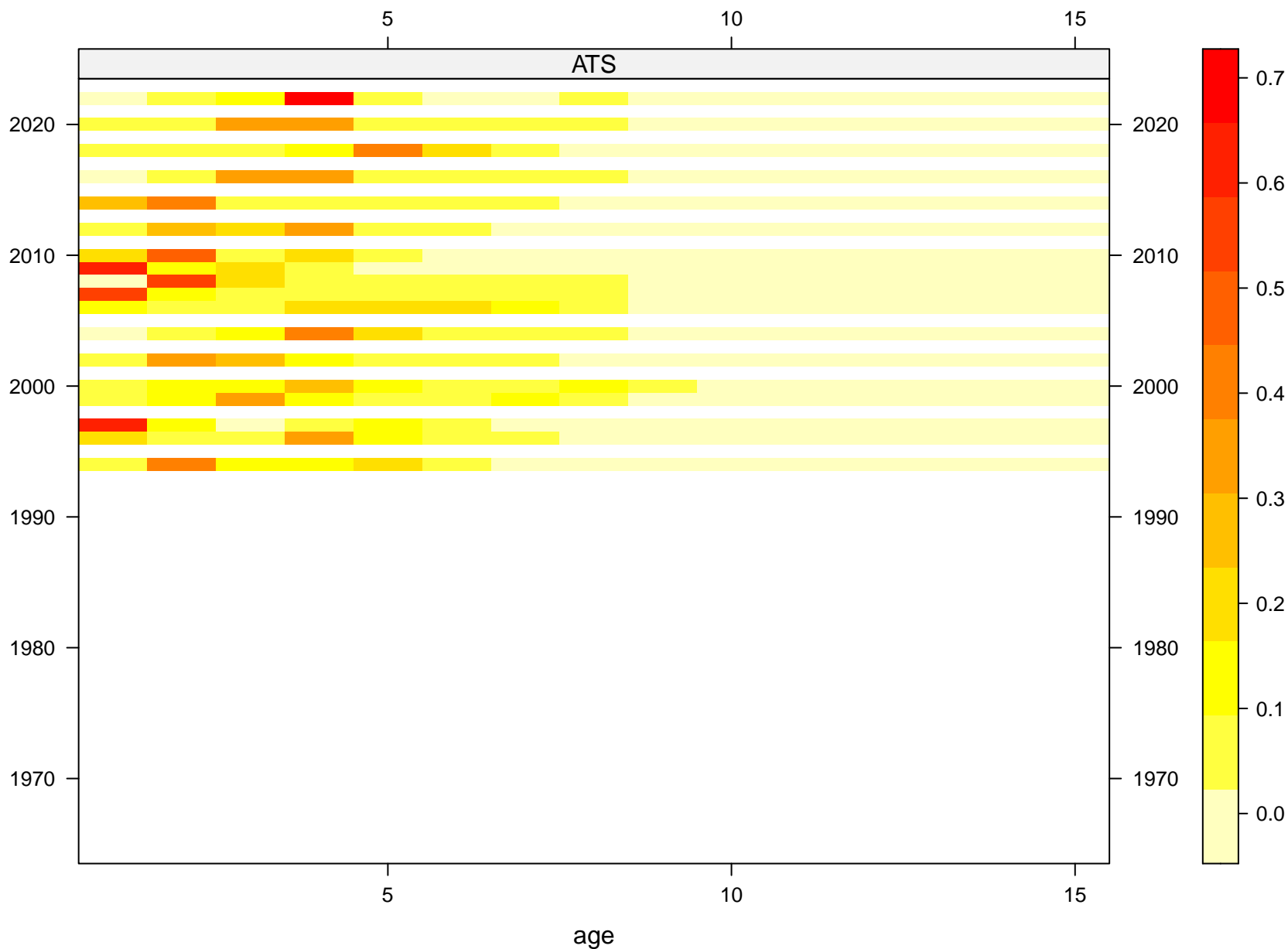
Age composition in fleets Fishery



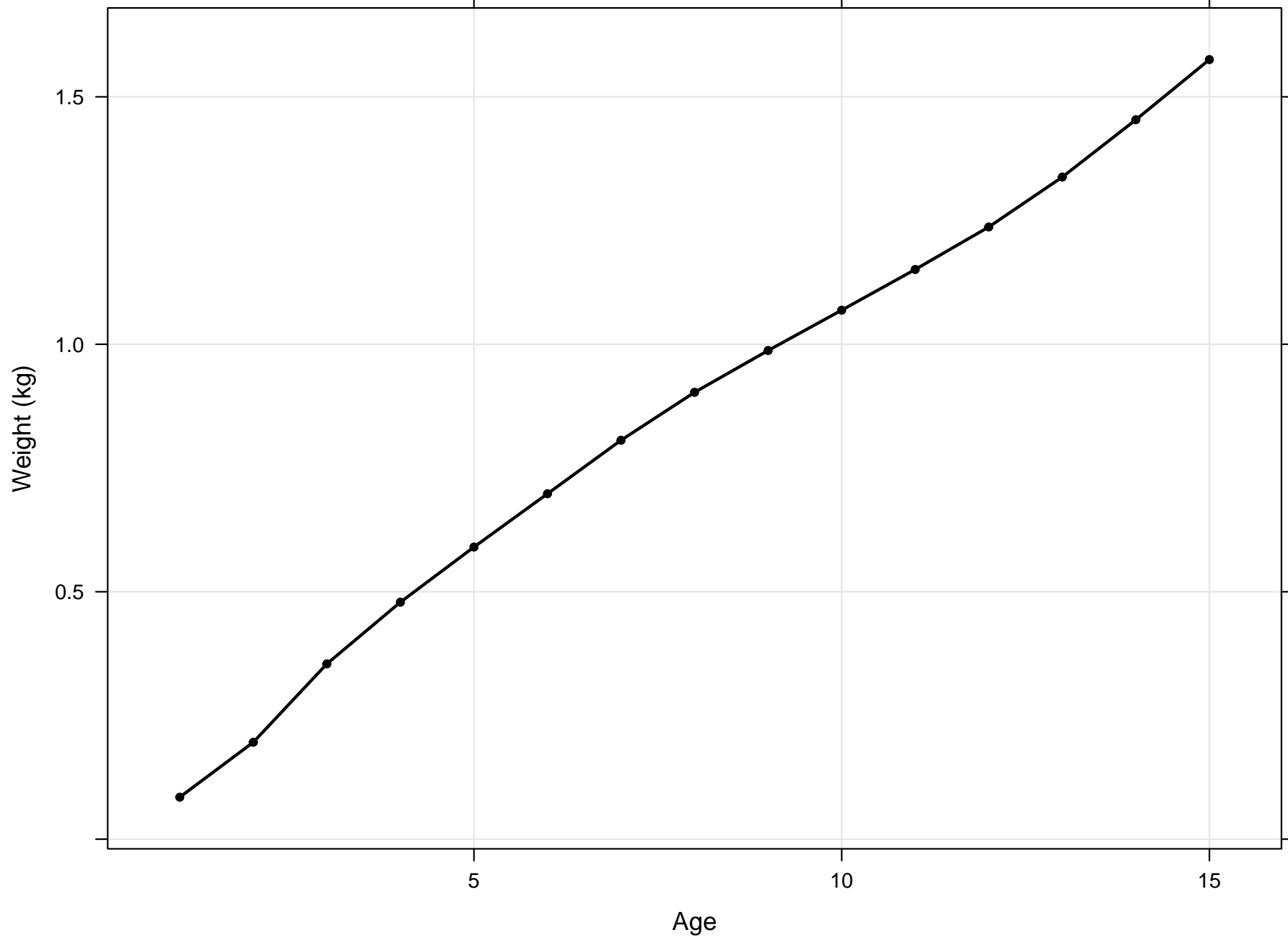
Age composition in surveys



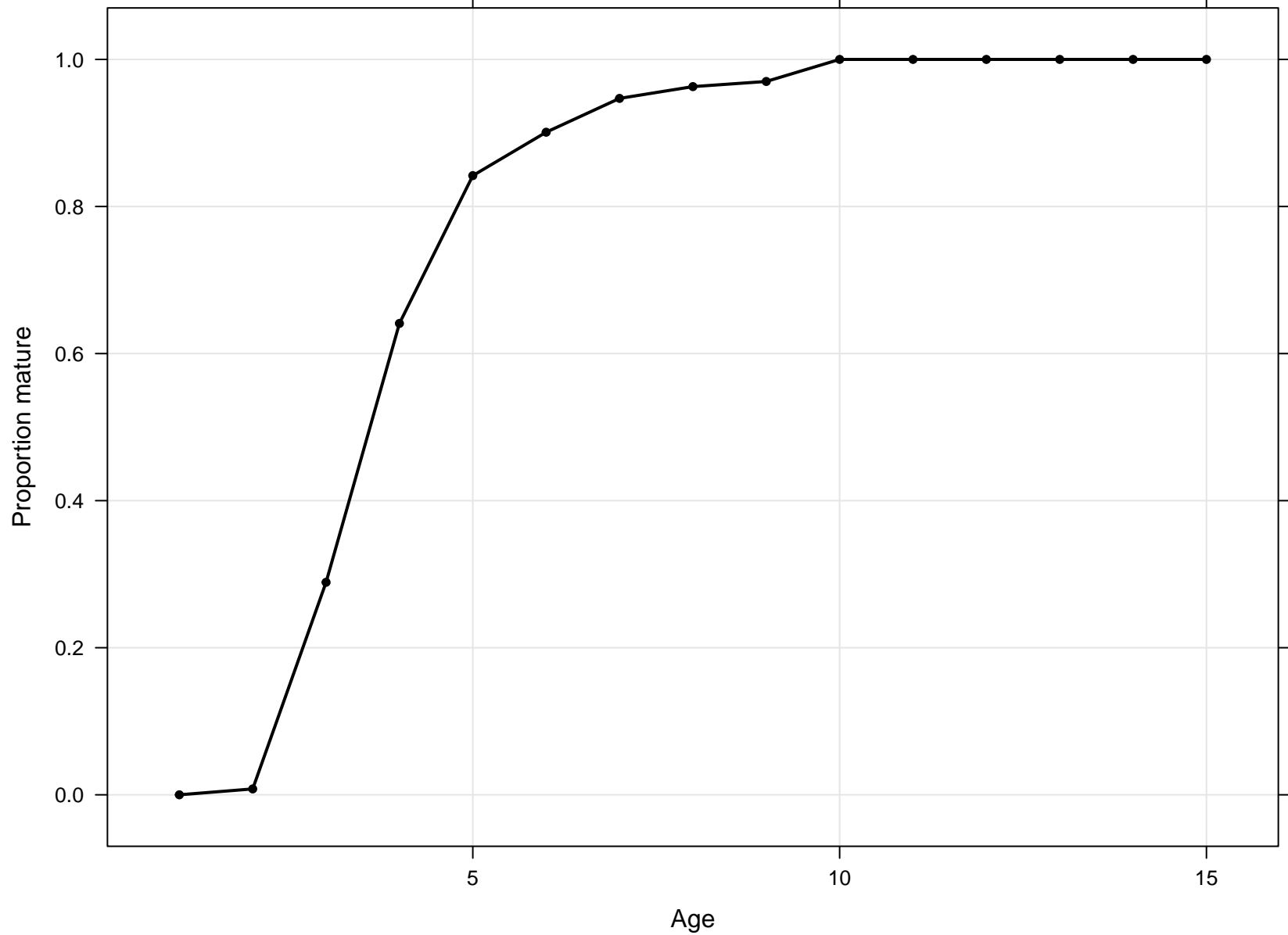
Age composition in surveys



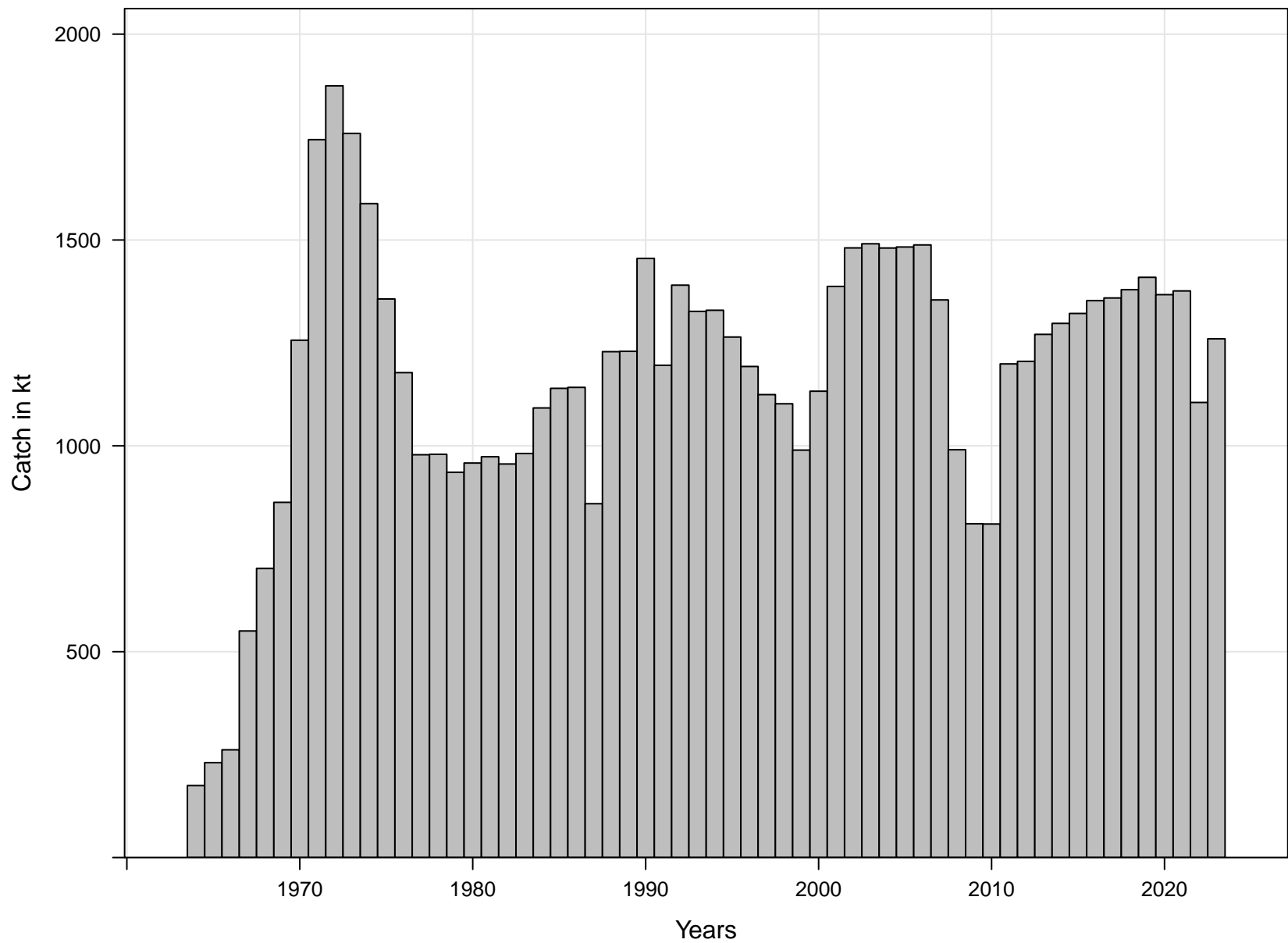
Weight in the stock



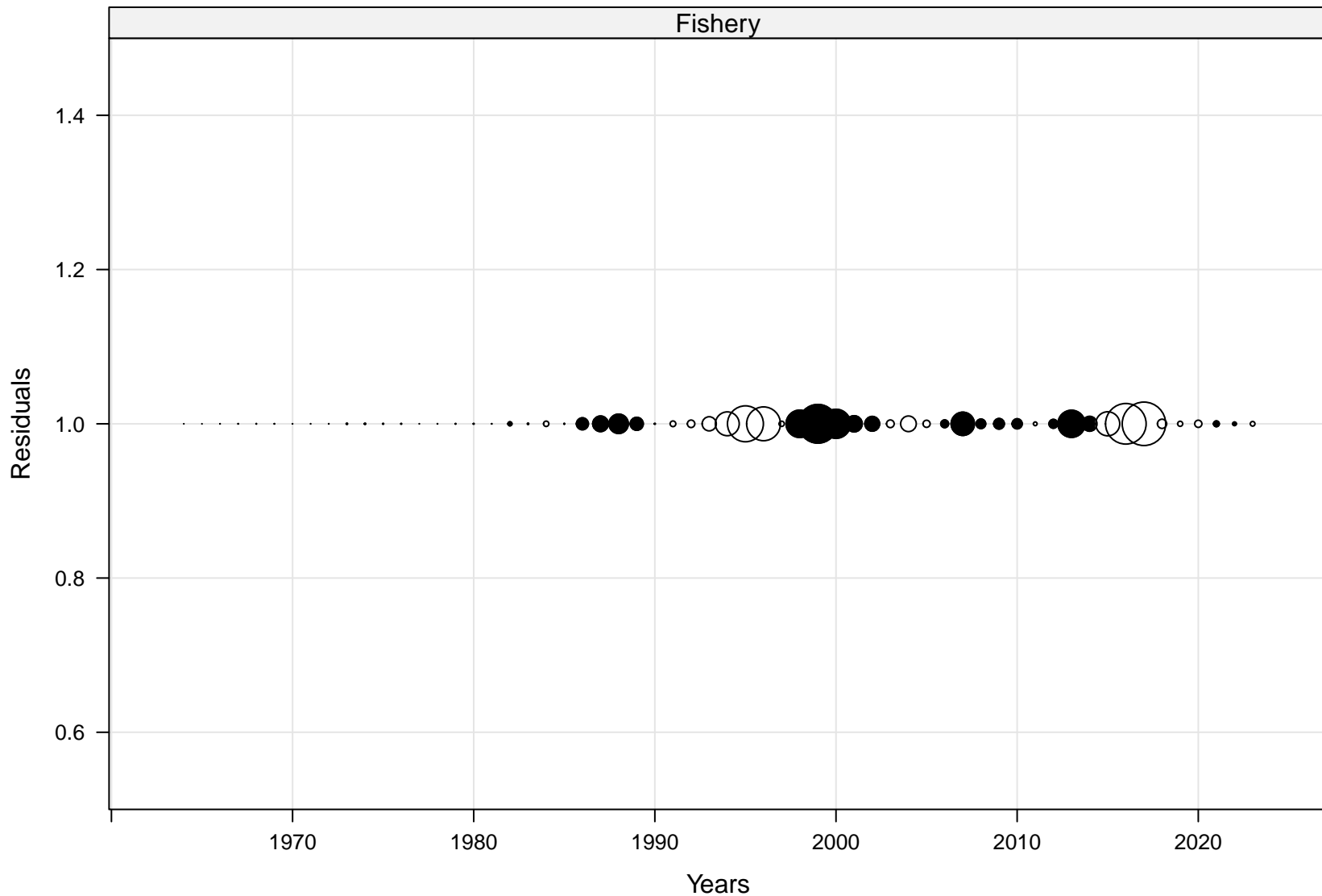
Maturity in the stock

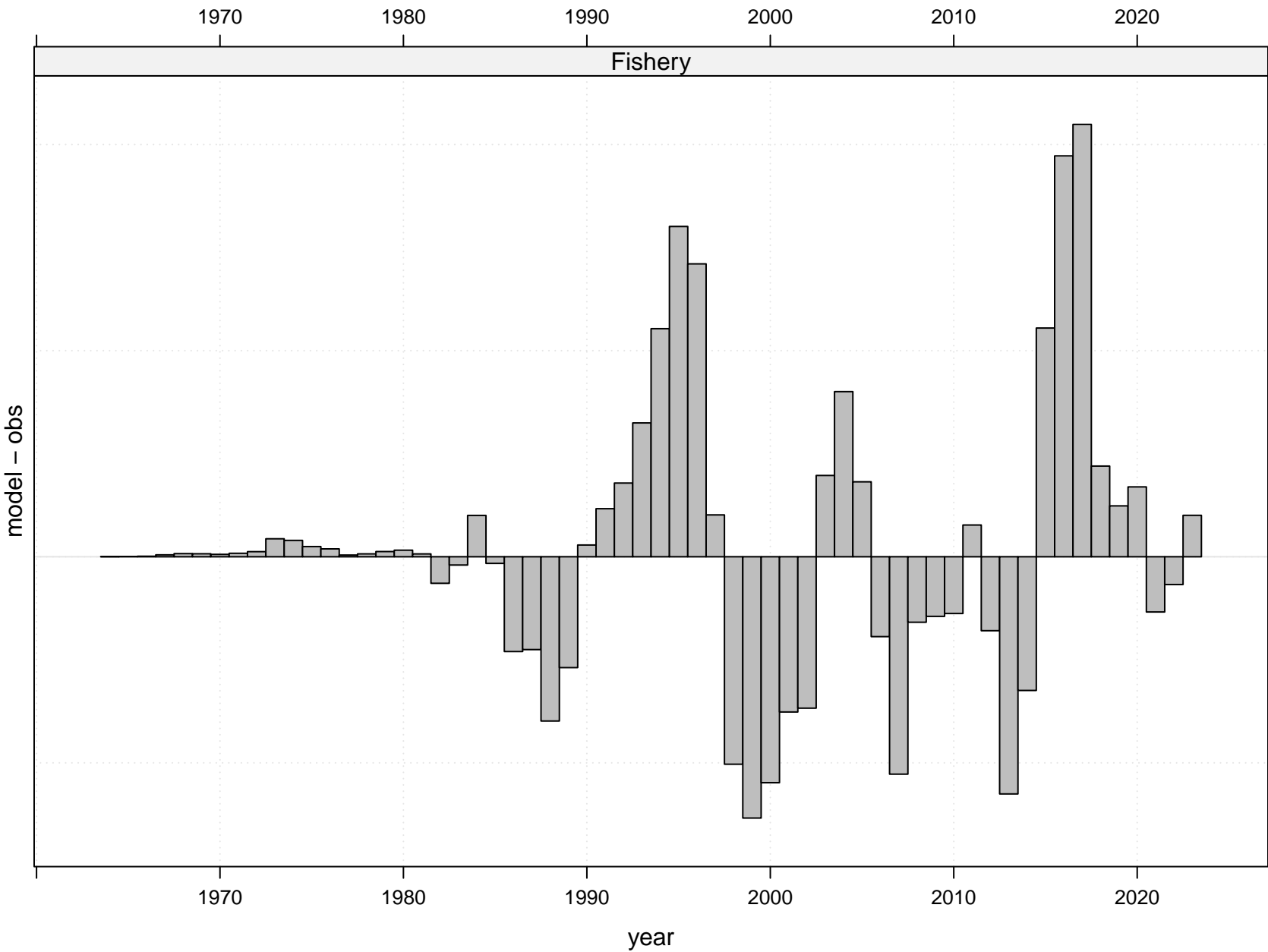


Total catch

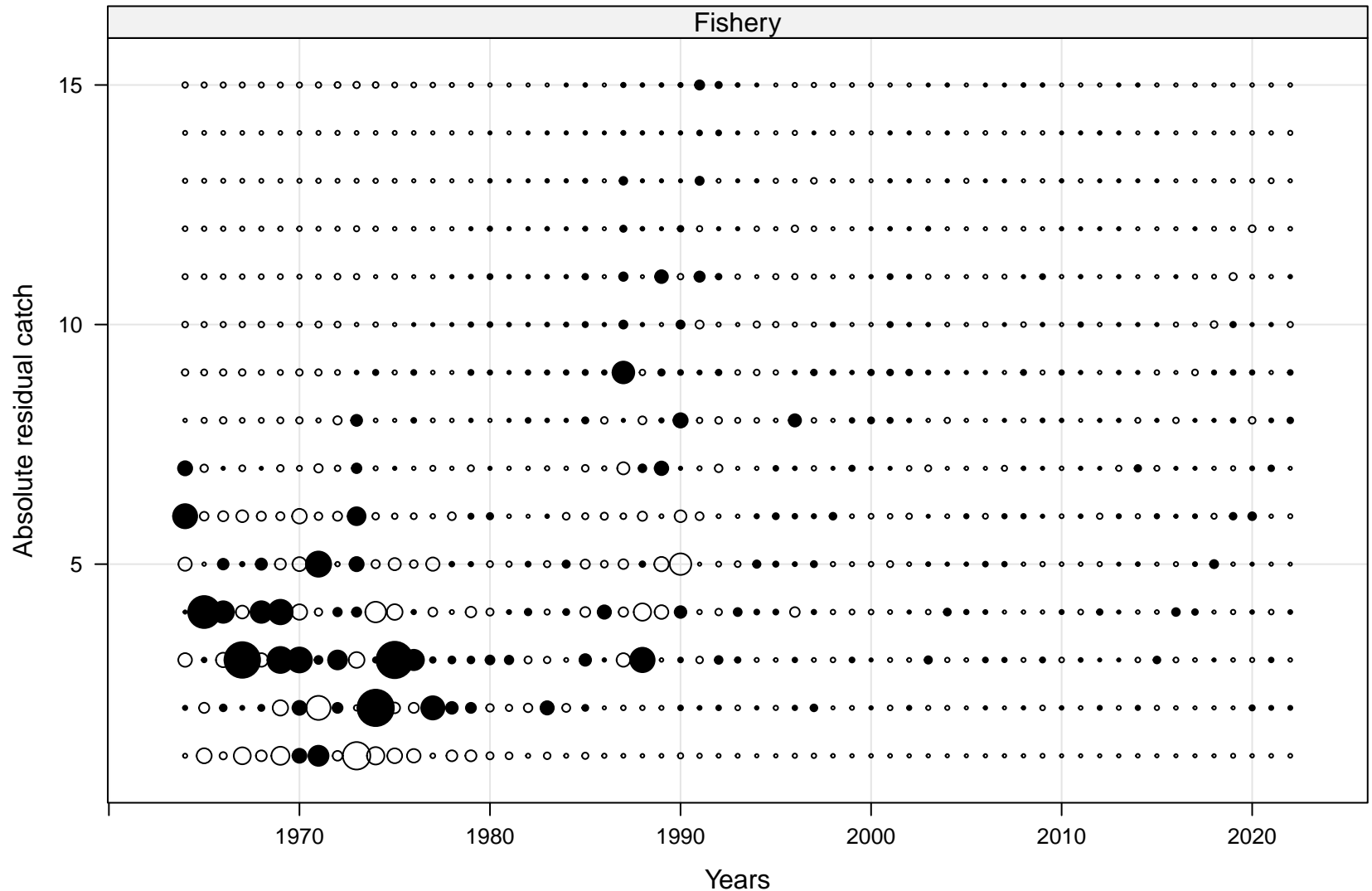
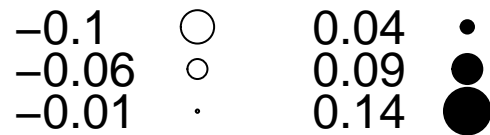


Catch residuals by fleet





Absolute residual catch by fleet

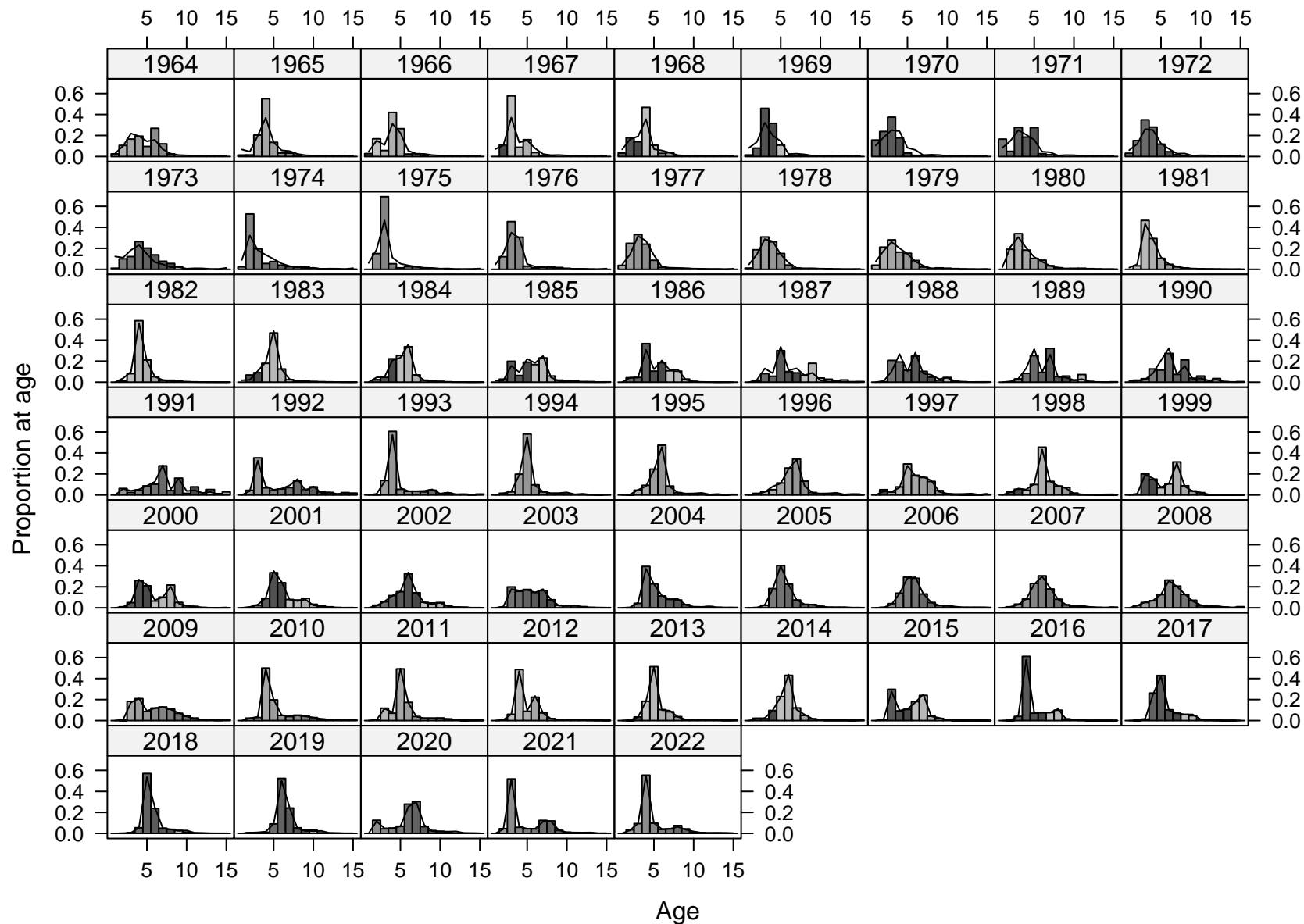


Age fits Fishery

Observed



Predicted

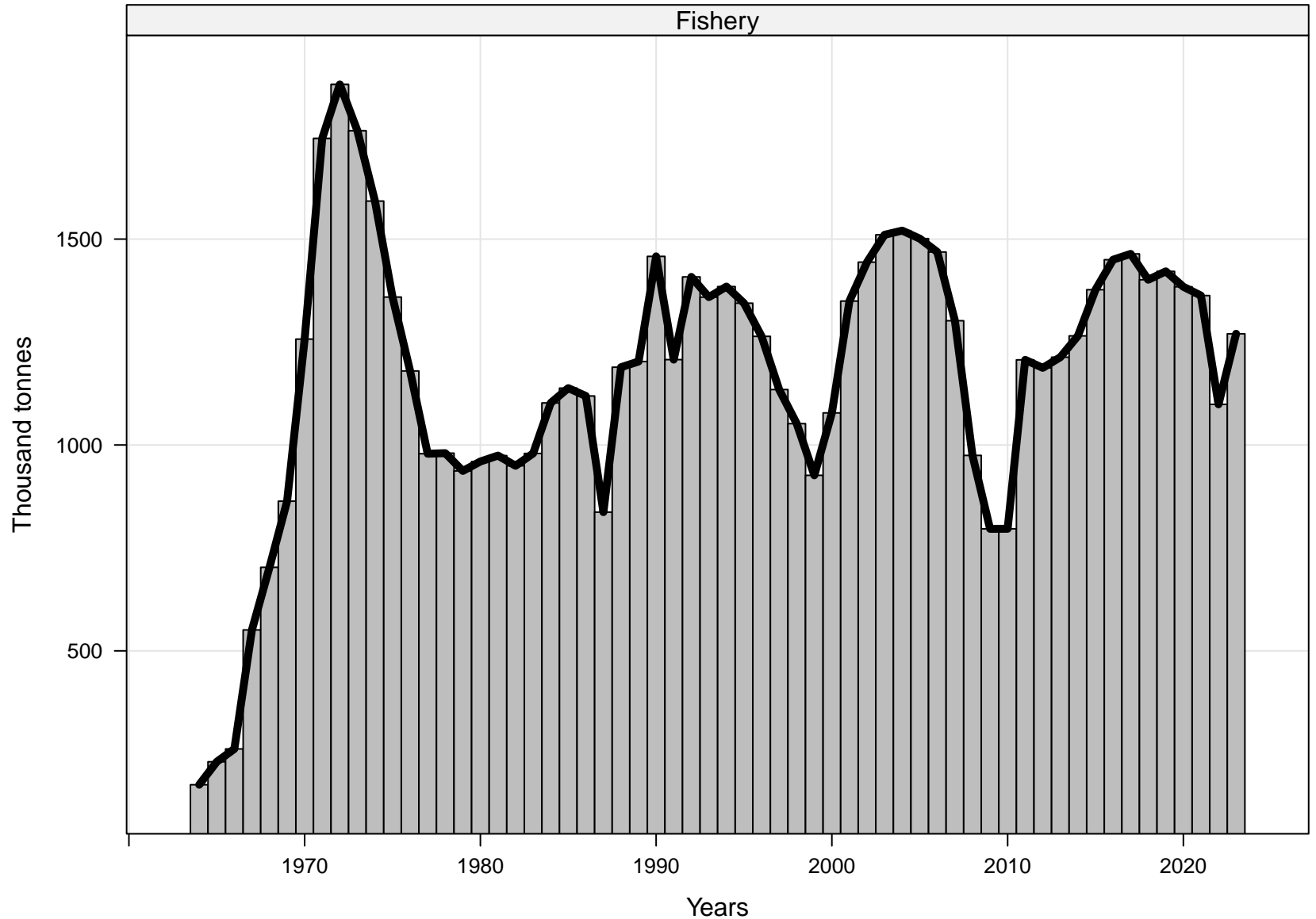


Predicted and observed catches by fleet

Observed



Predicted

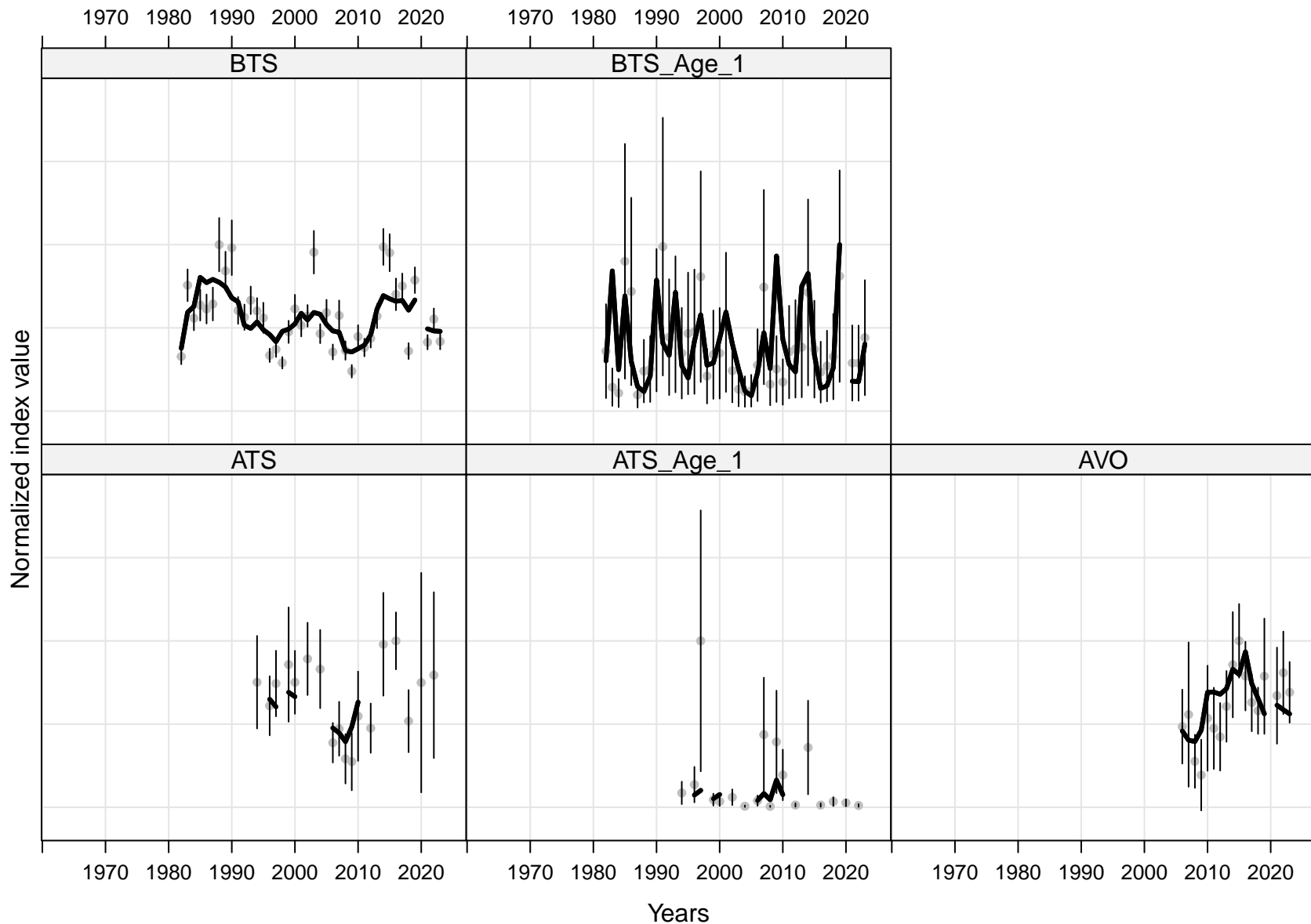


Predicted and observed indices

Observed



Predicted

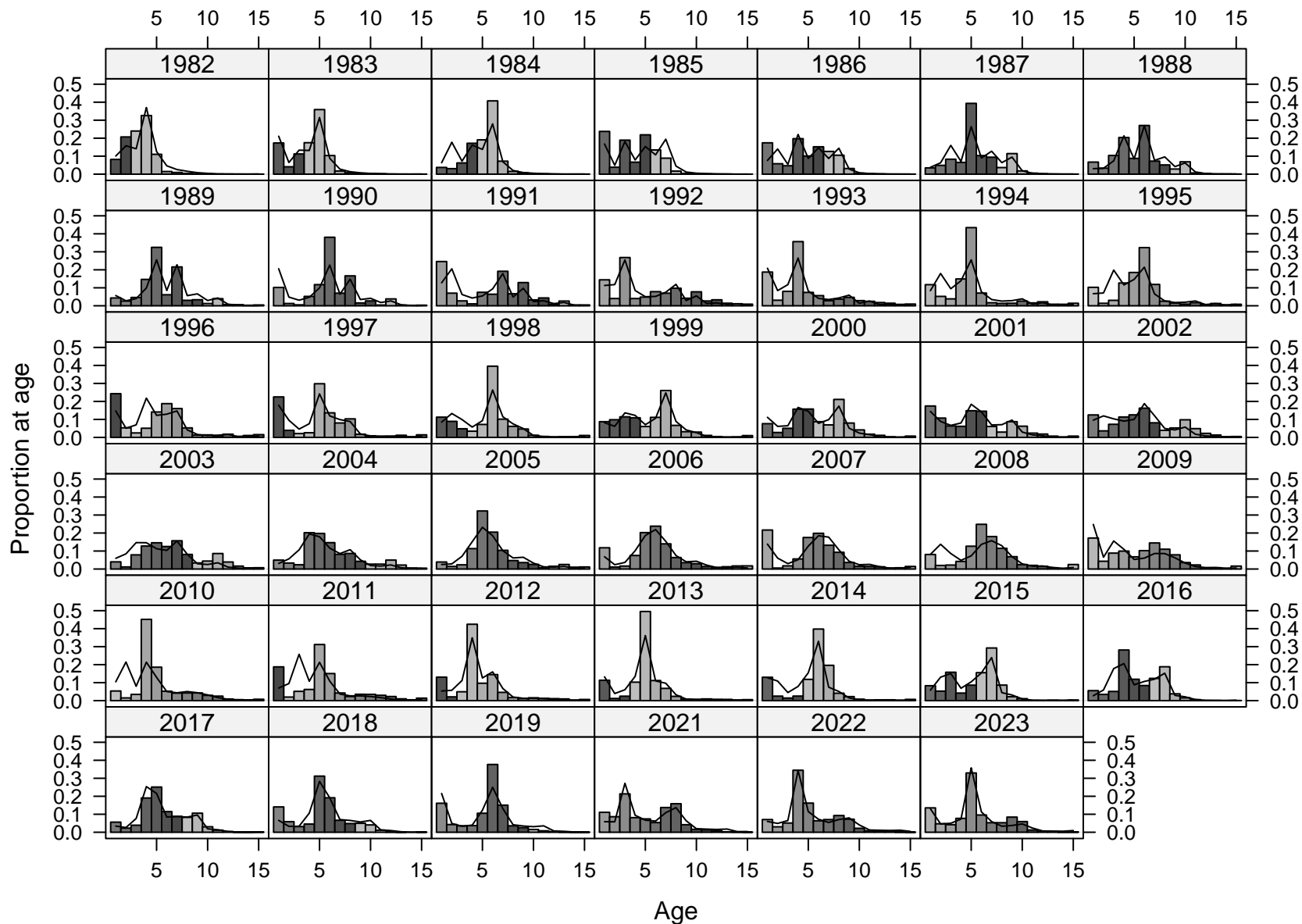


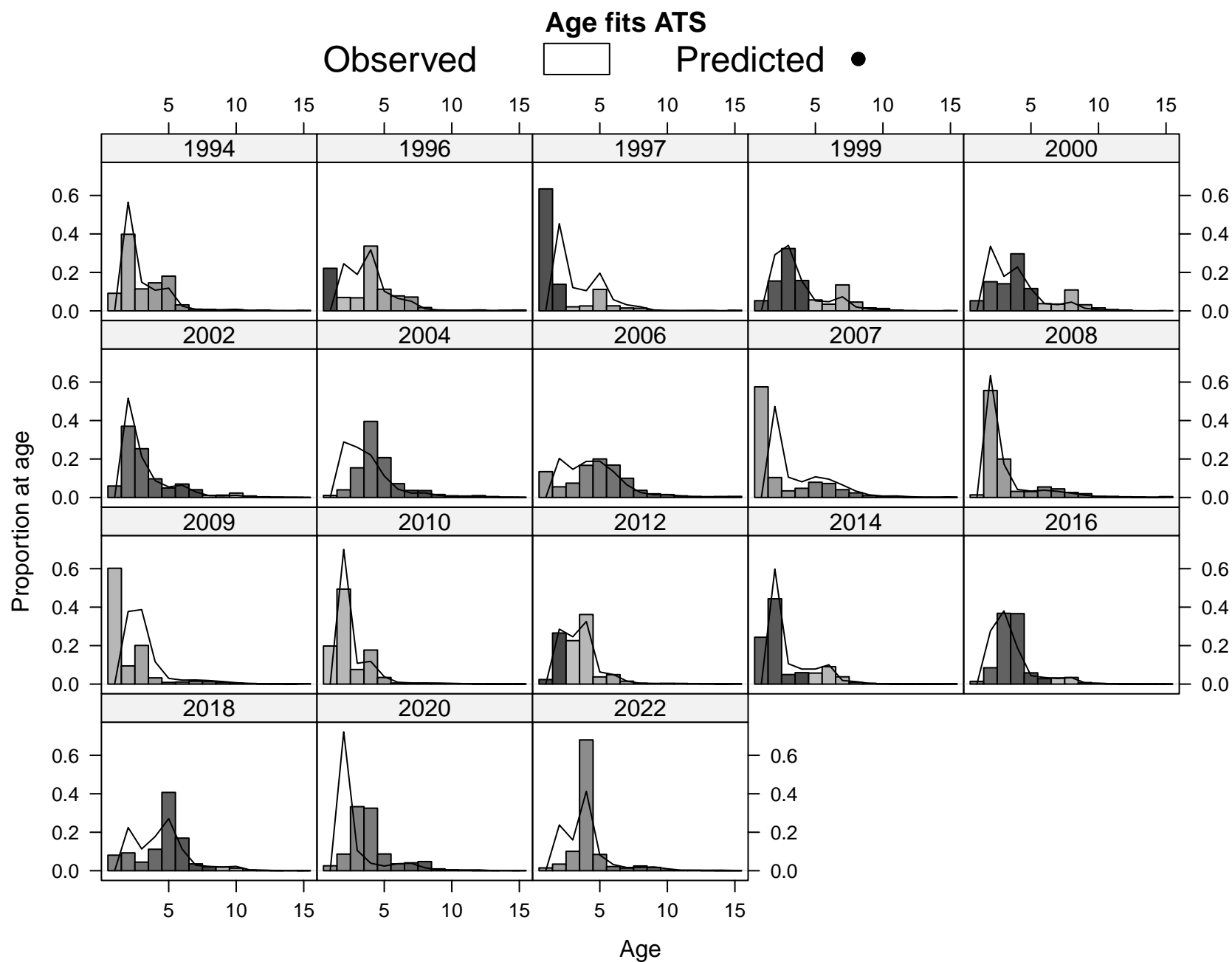
Age fits BTS

Observed

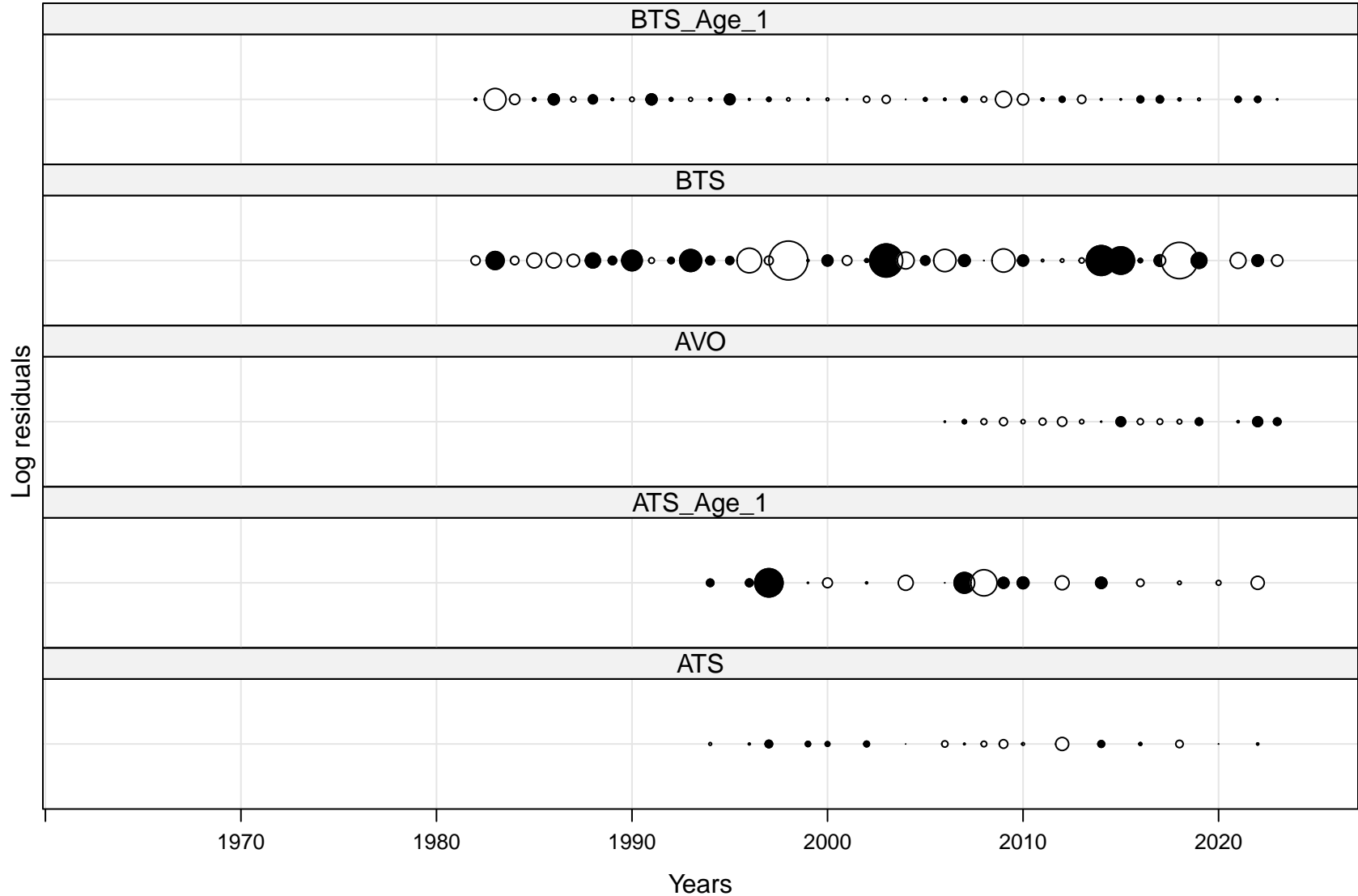


Predicted

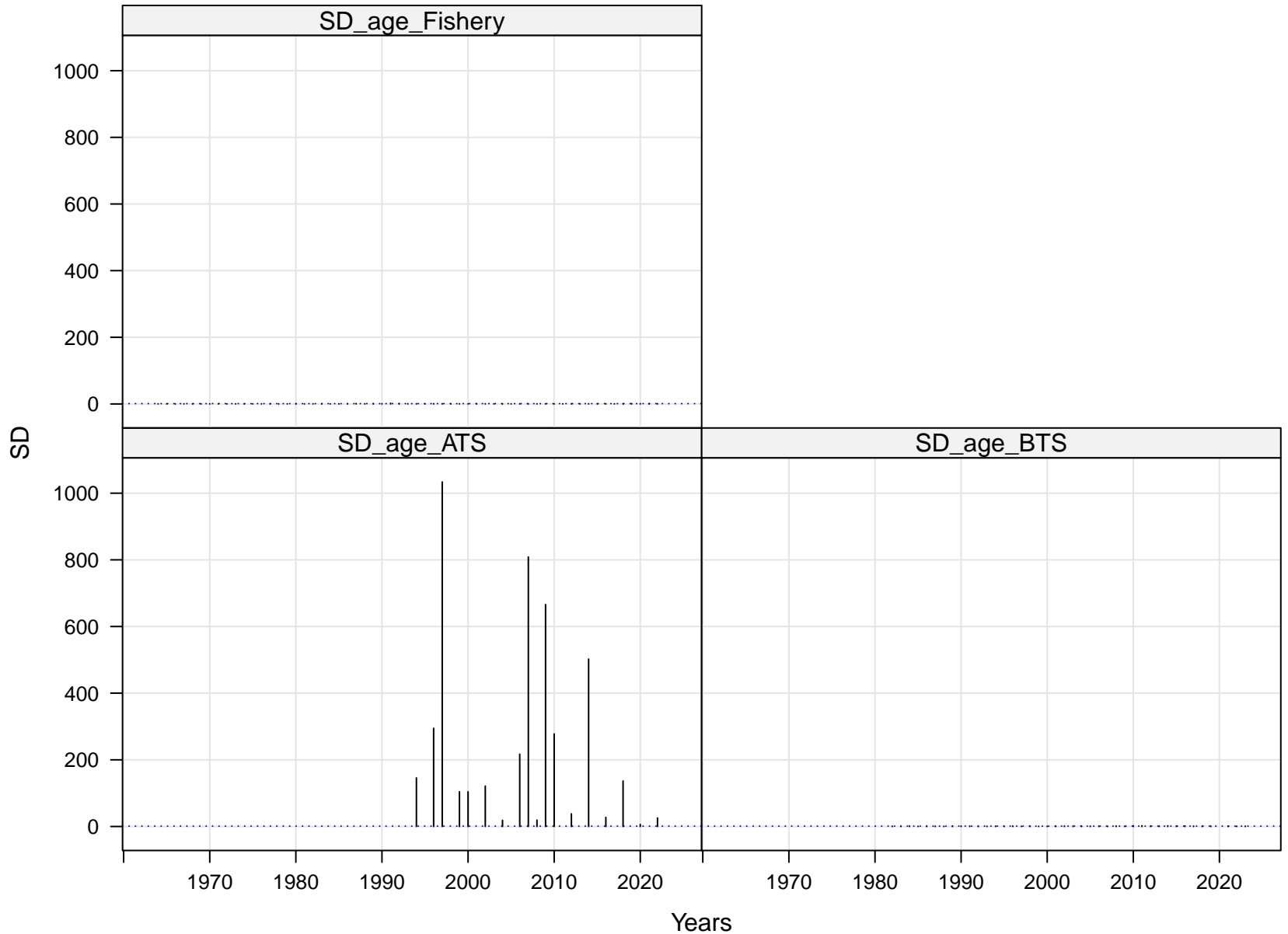




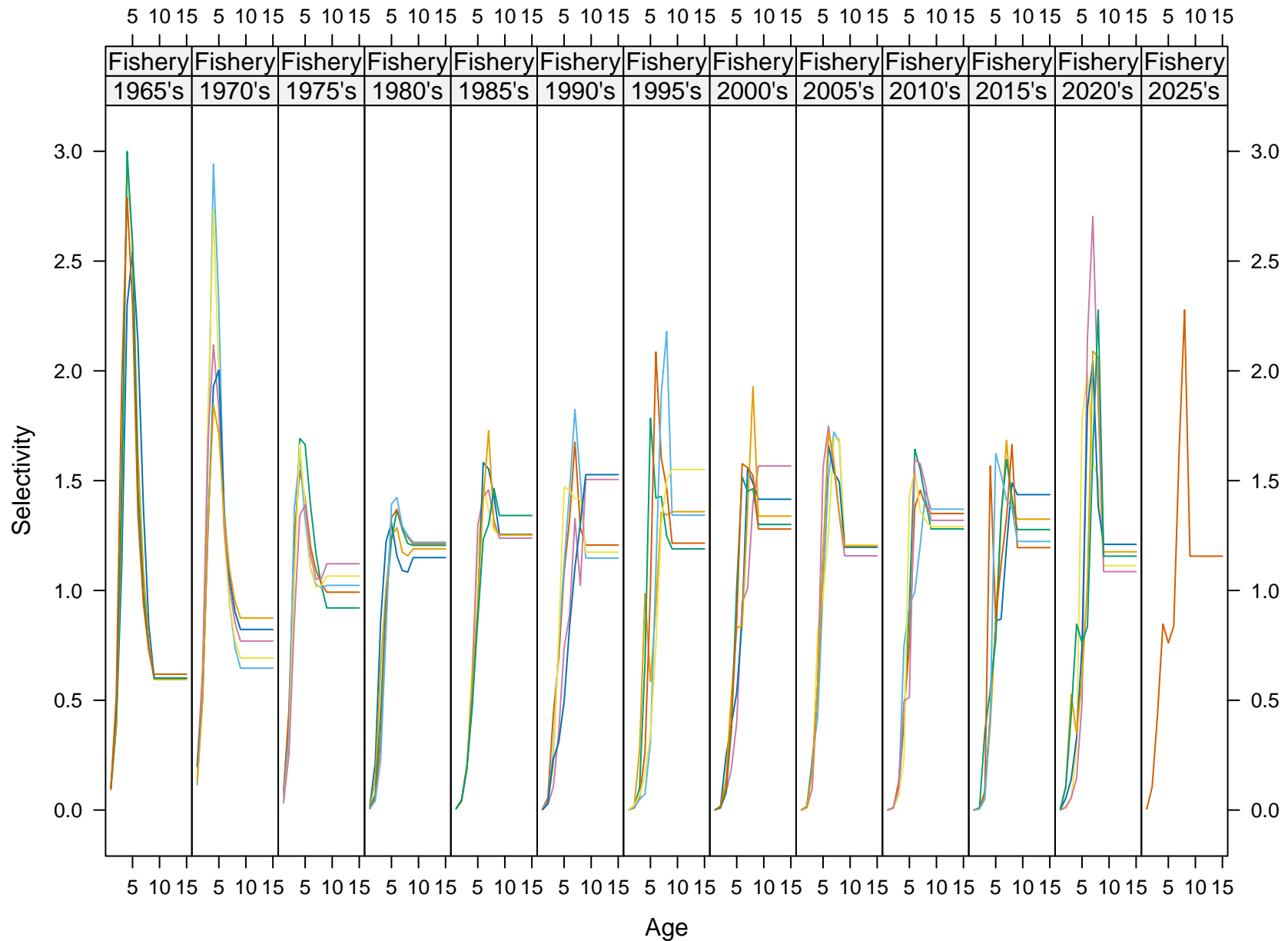
Standardized survey residuals



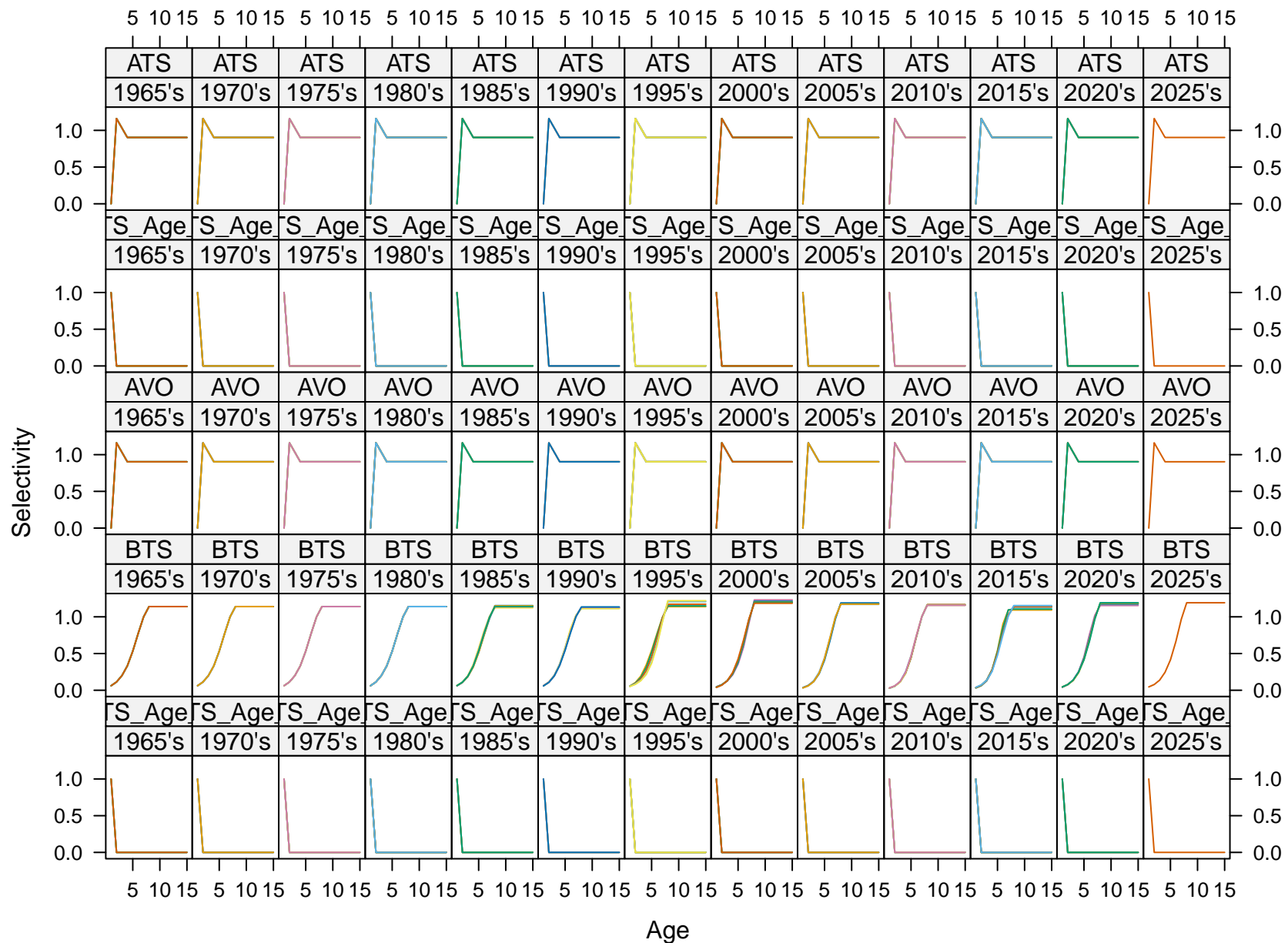
SD per input series



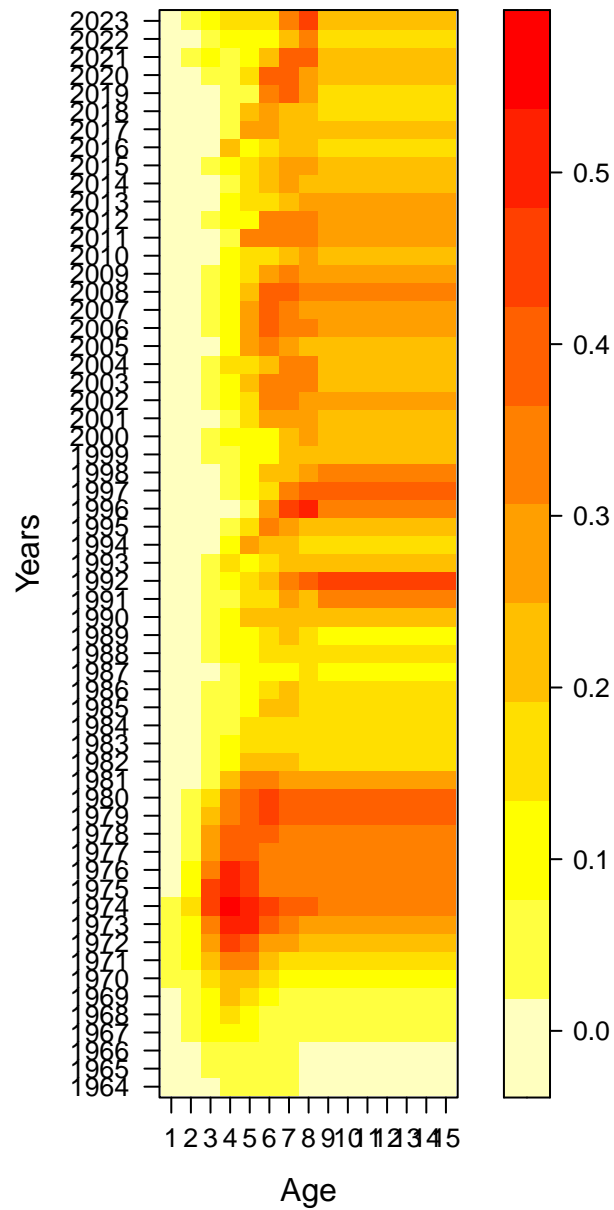
Selectivity of the Fishery by Pentad



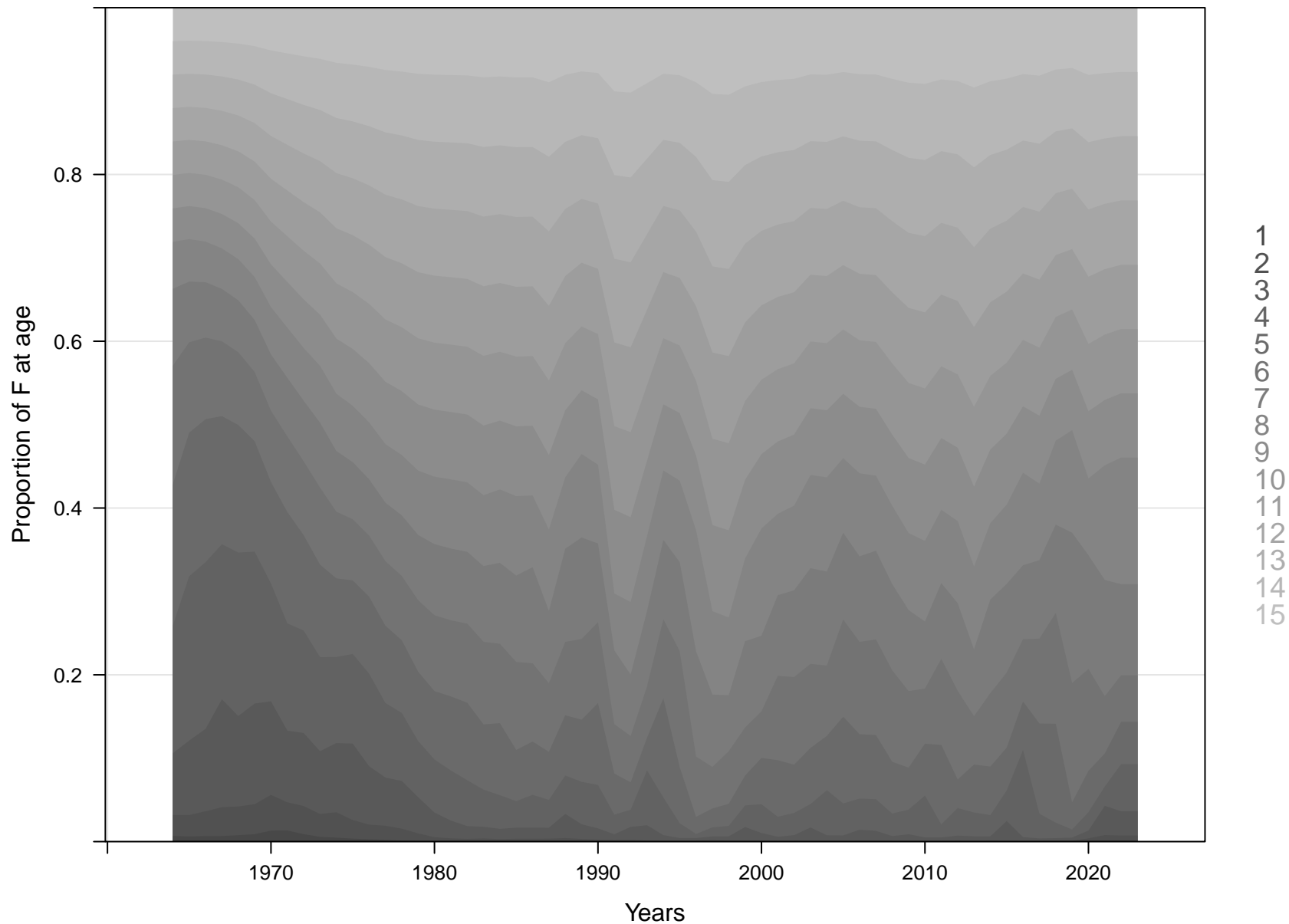
Selectivity of the survey by Pentad



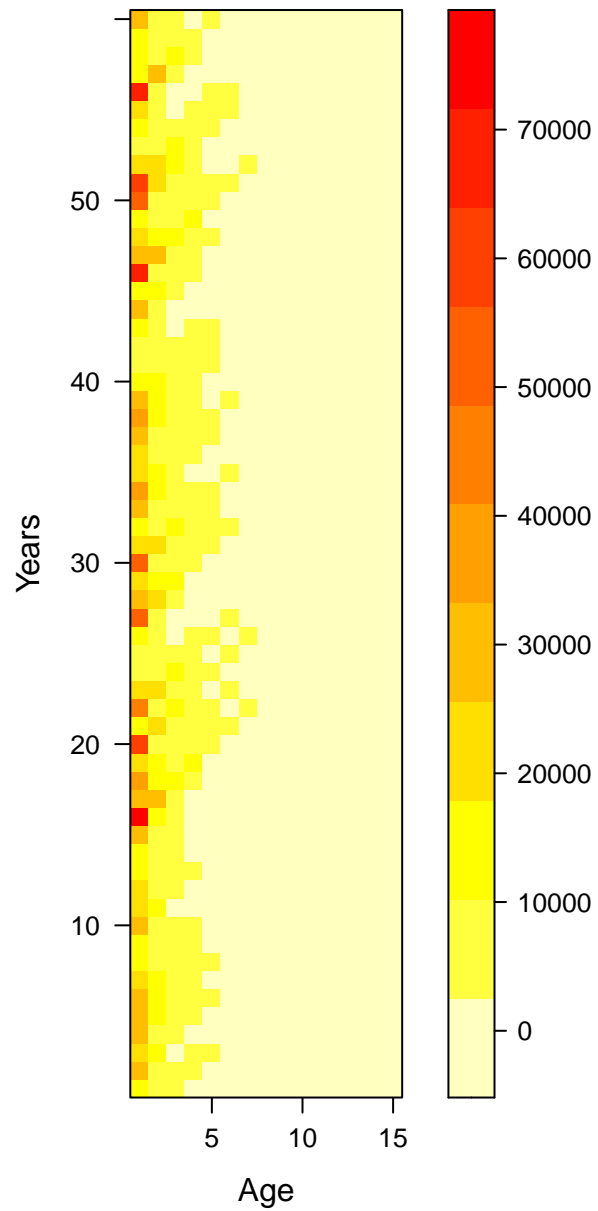
F at age



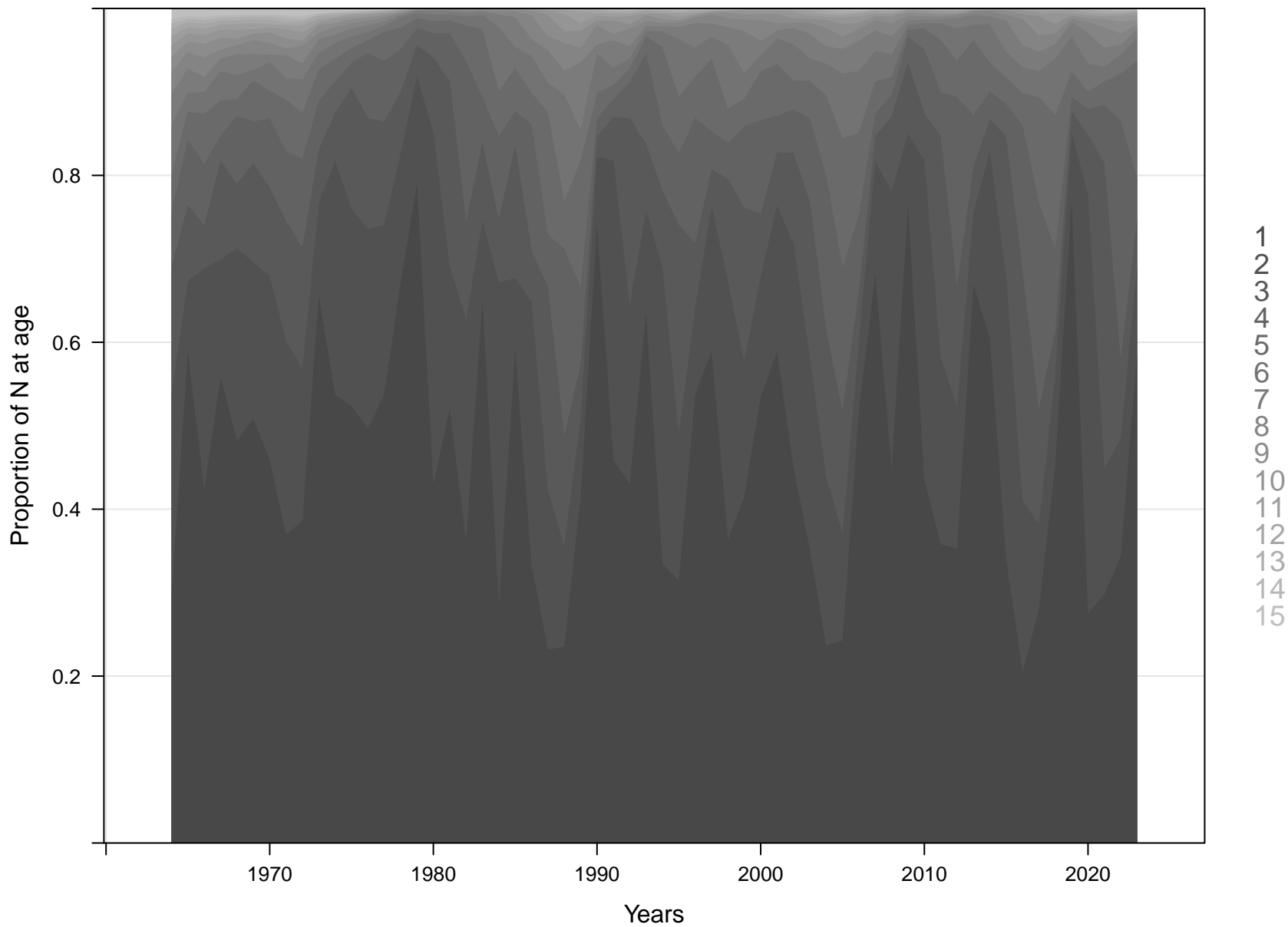
F proportion at age



N at age



Proportion at age

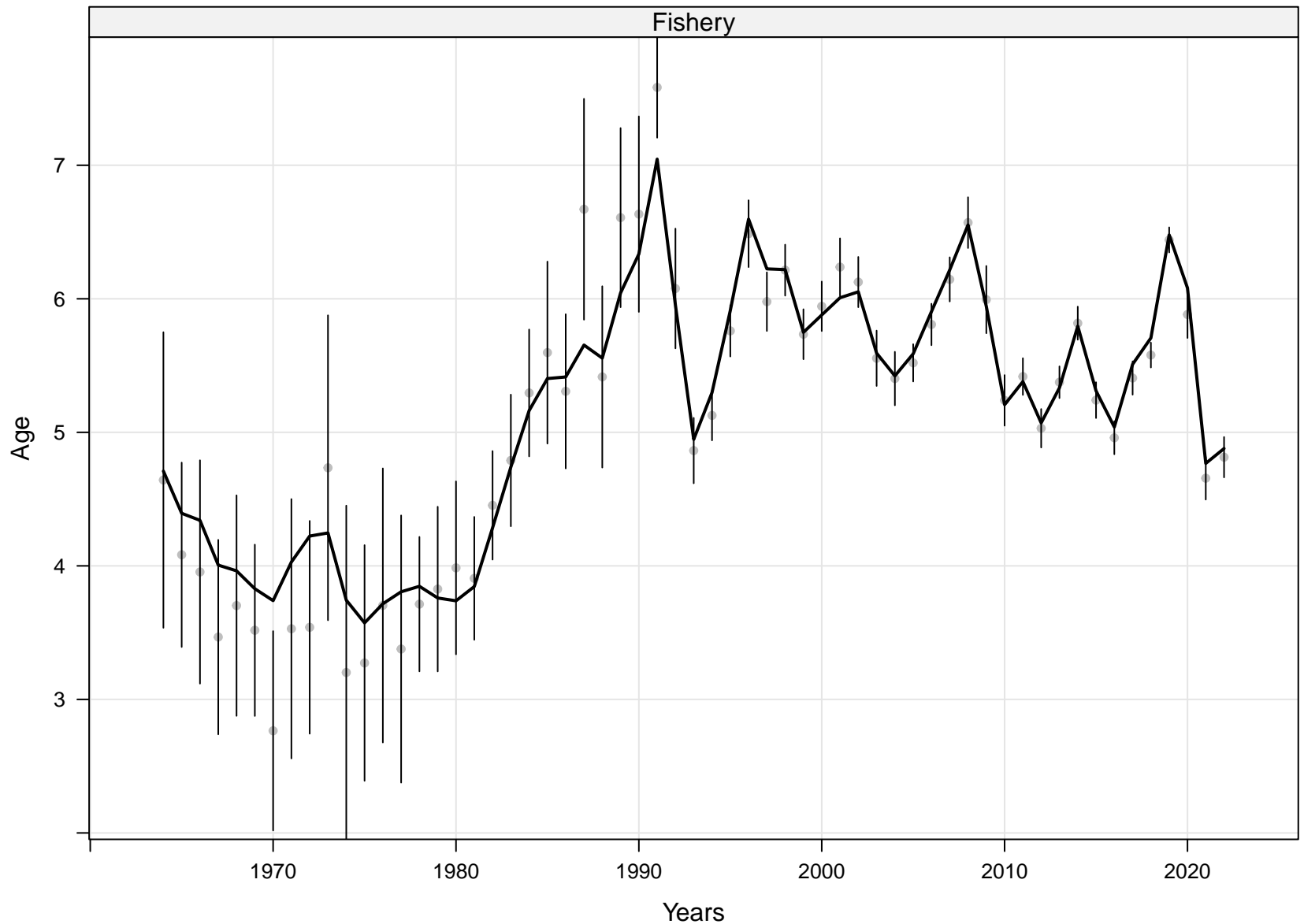


Fishery mean age

Observed



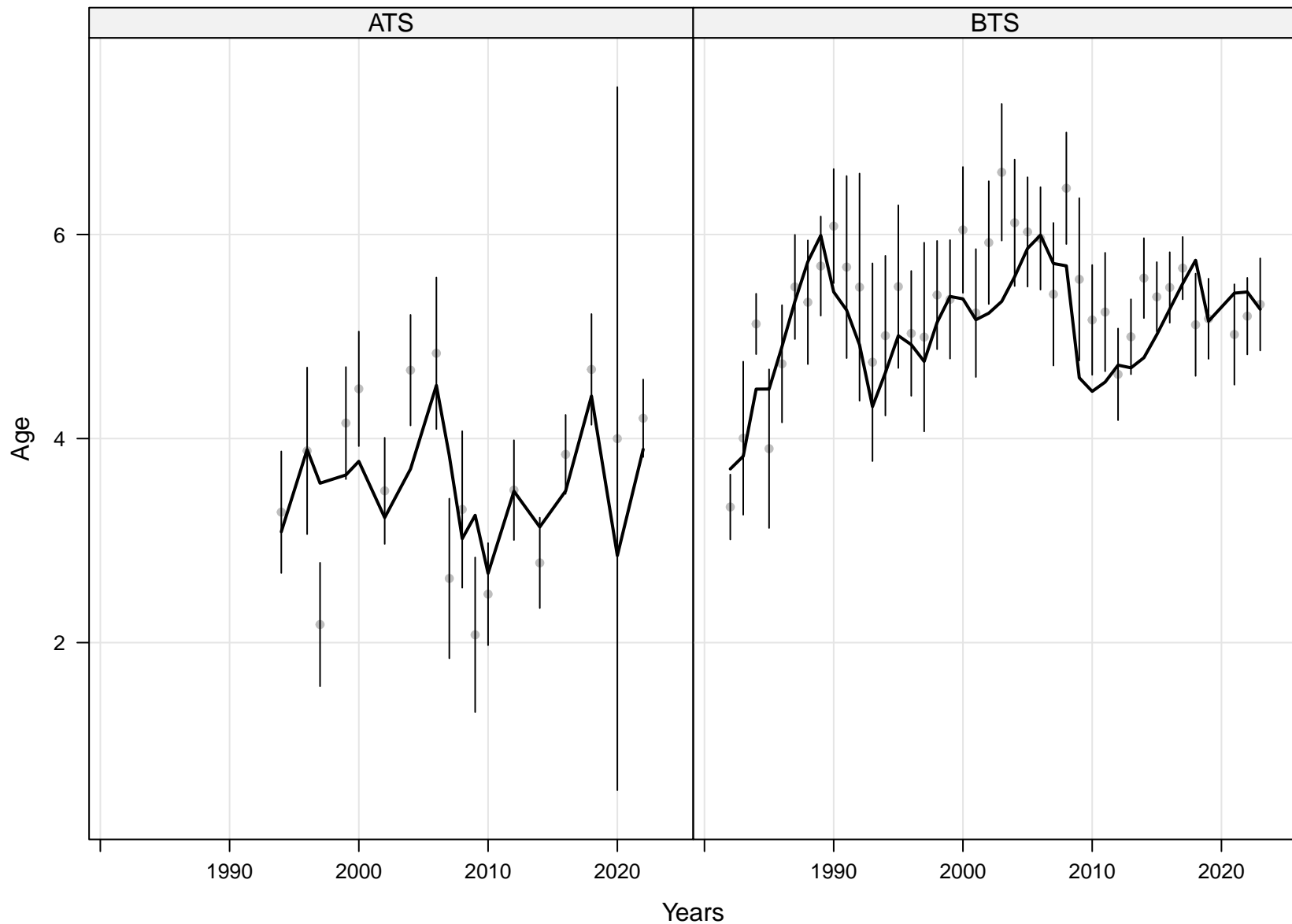
Modelled

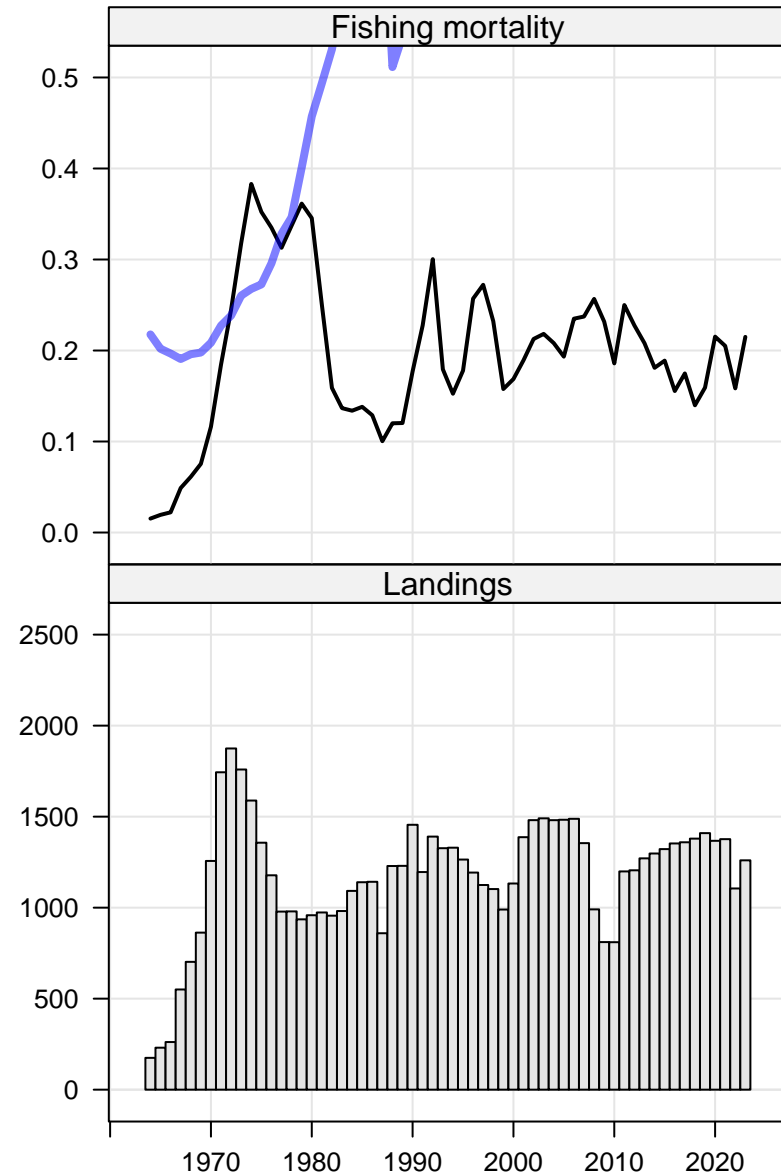
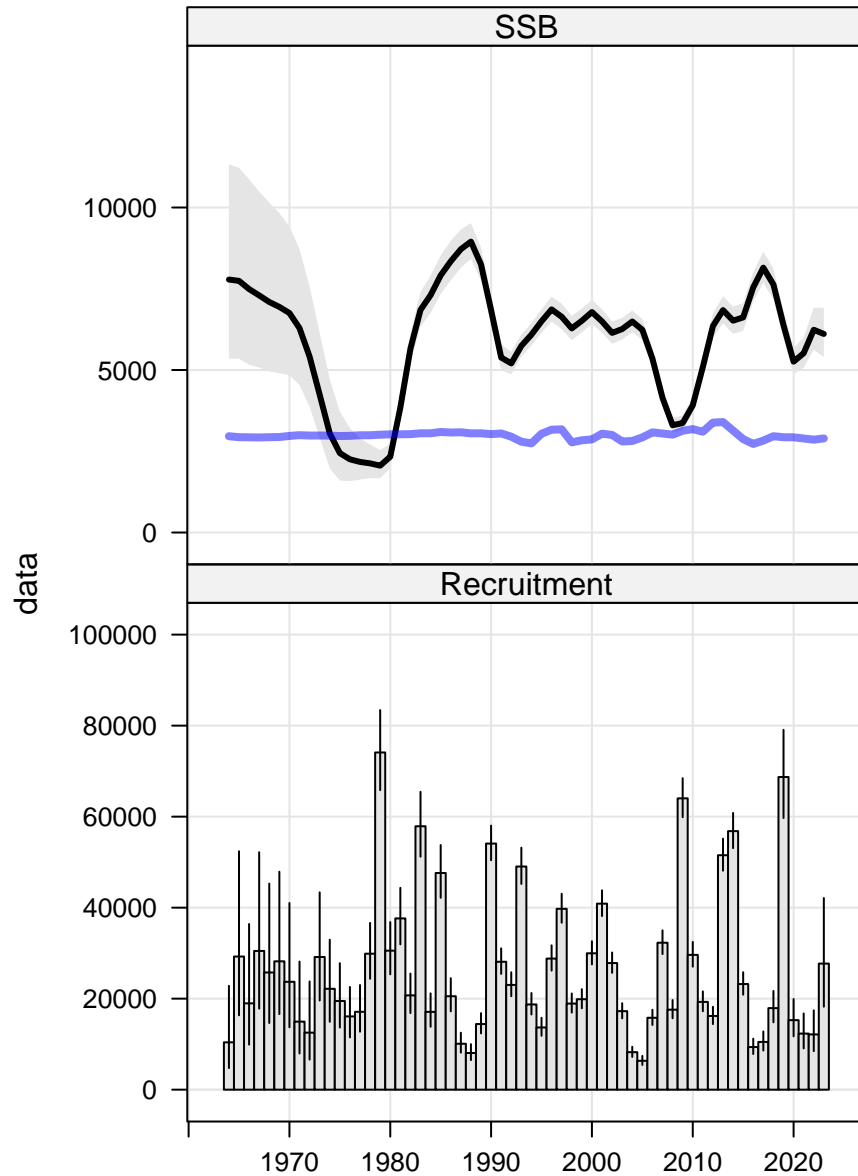


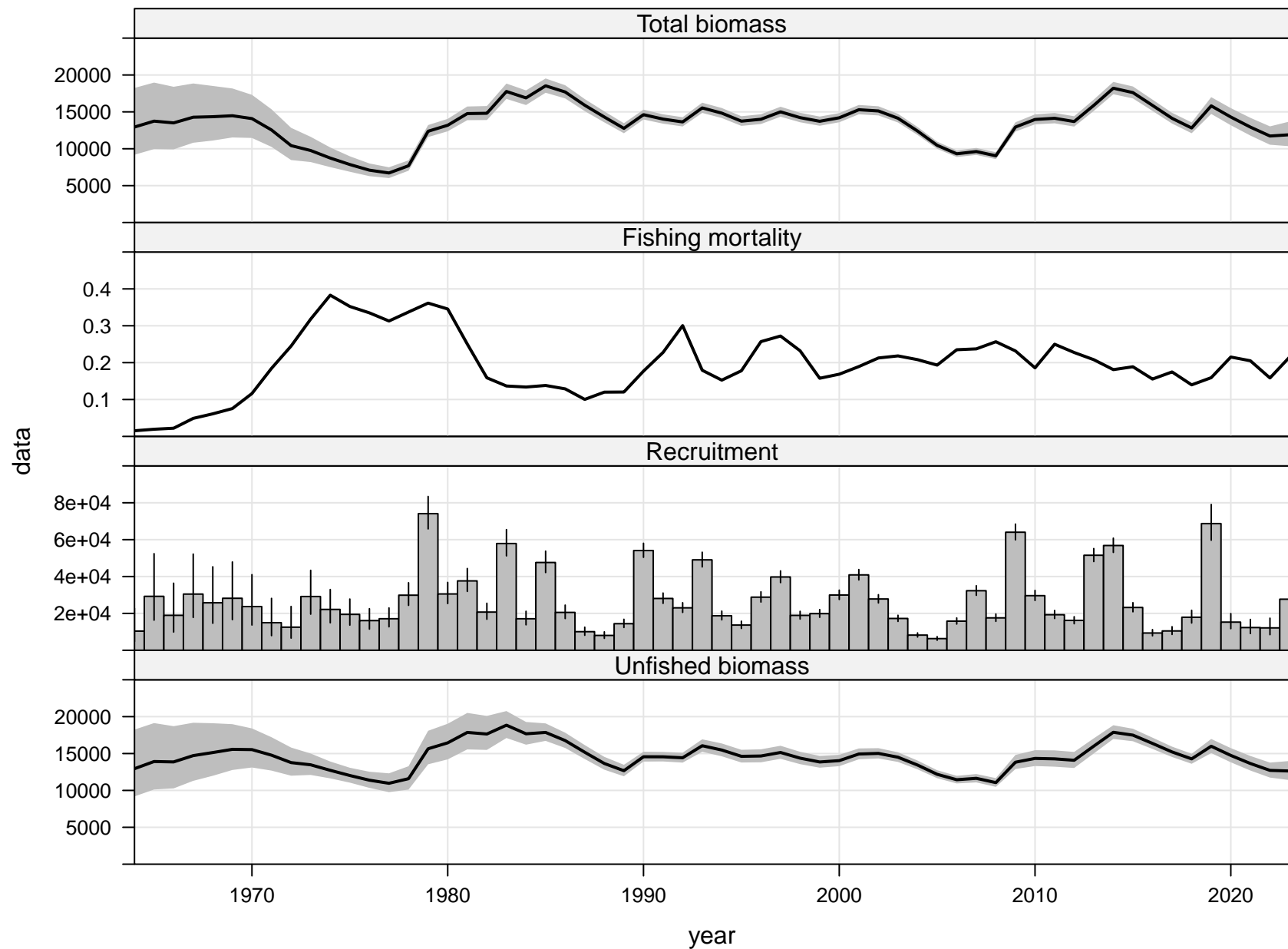
Survey mean age

Observed ●

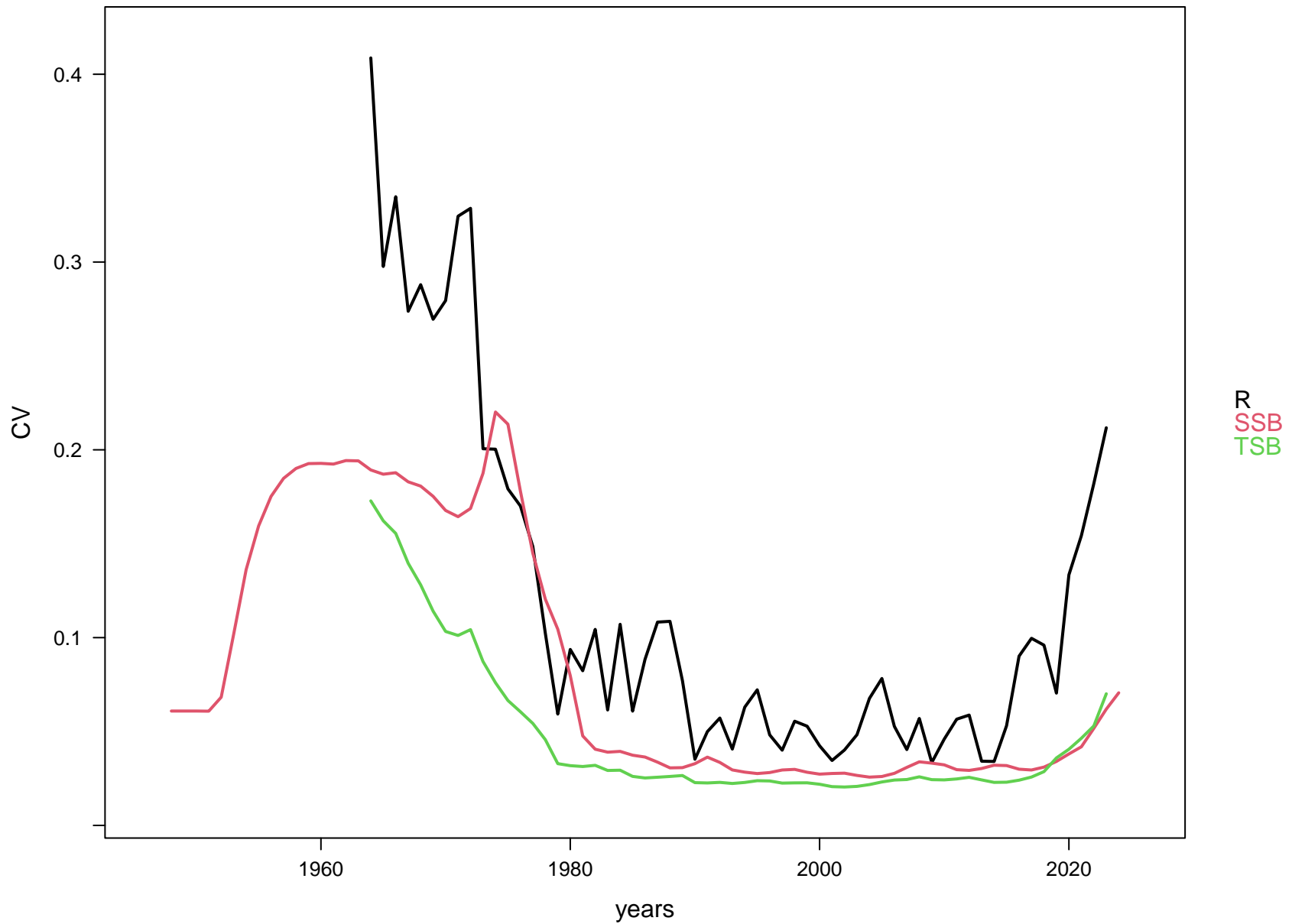
Modelled —







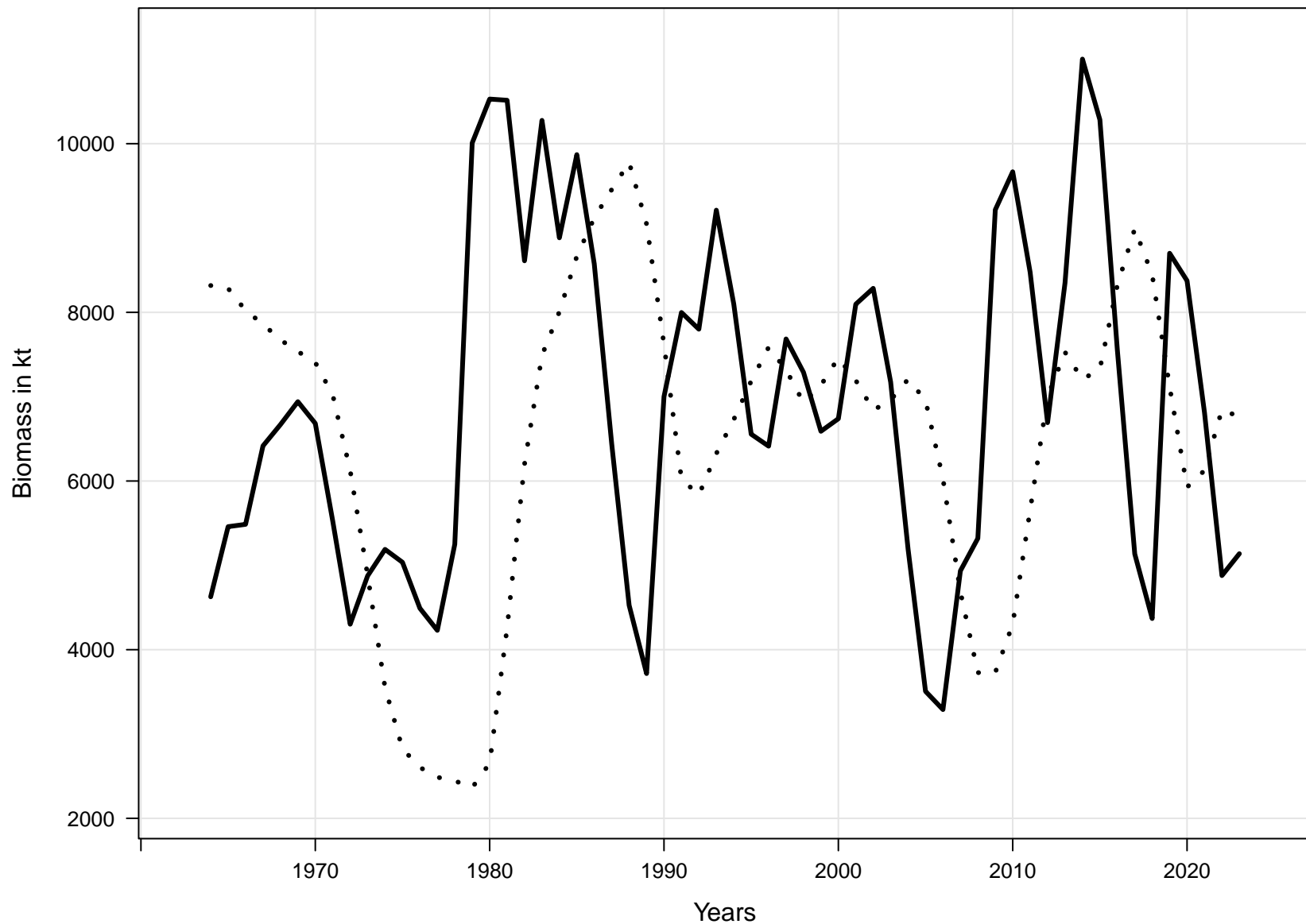
Uncertainty of key parameters



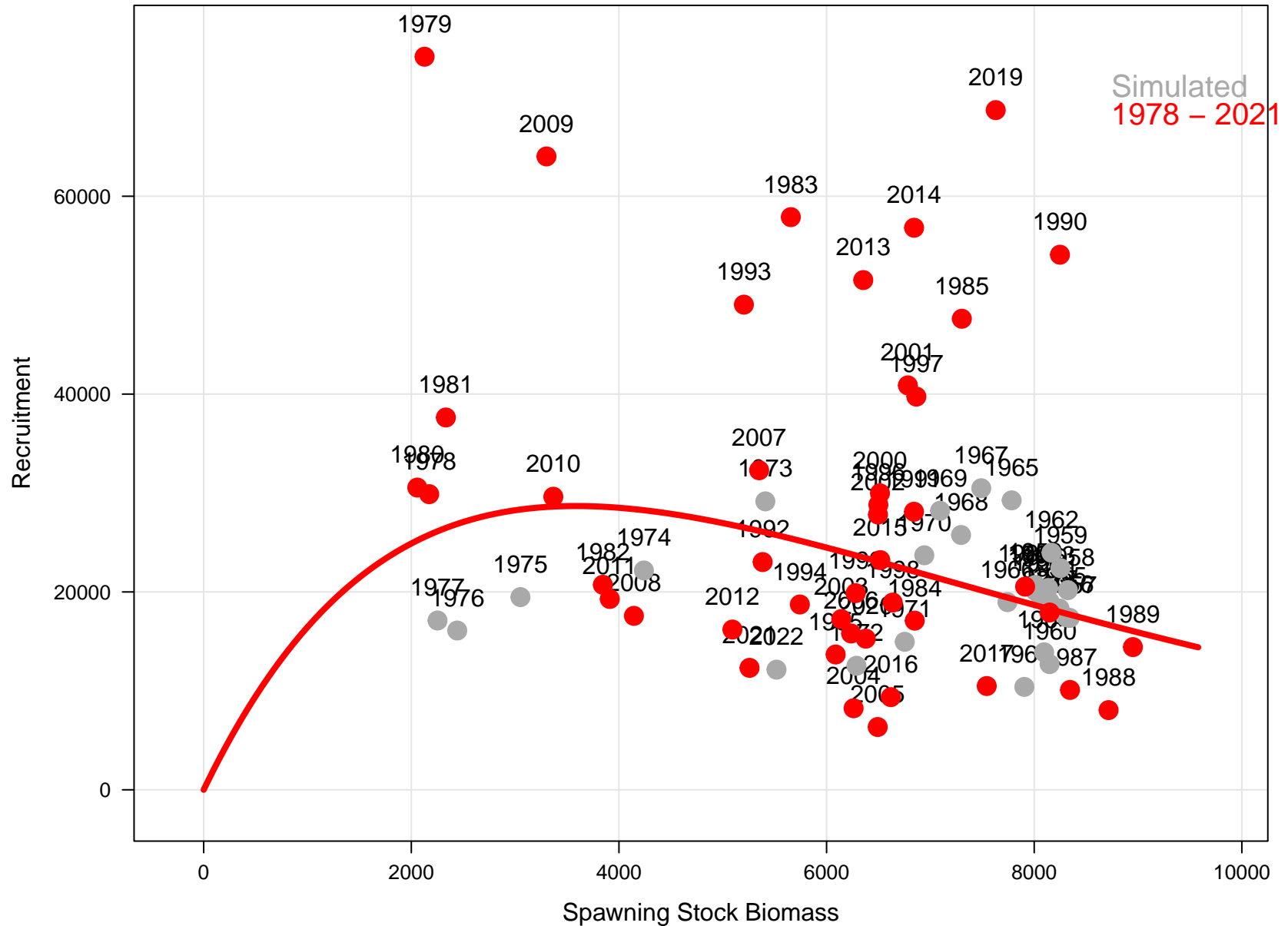
Mature – Immature fish

Mature

Immature —

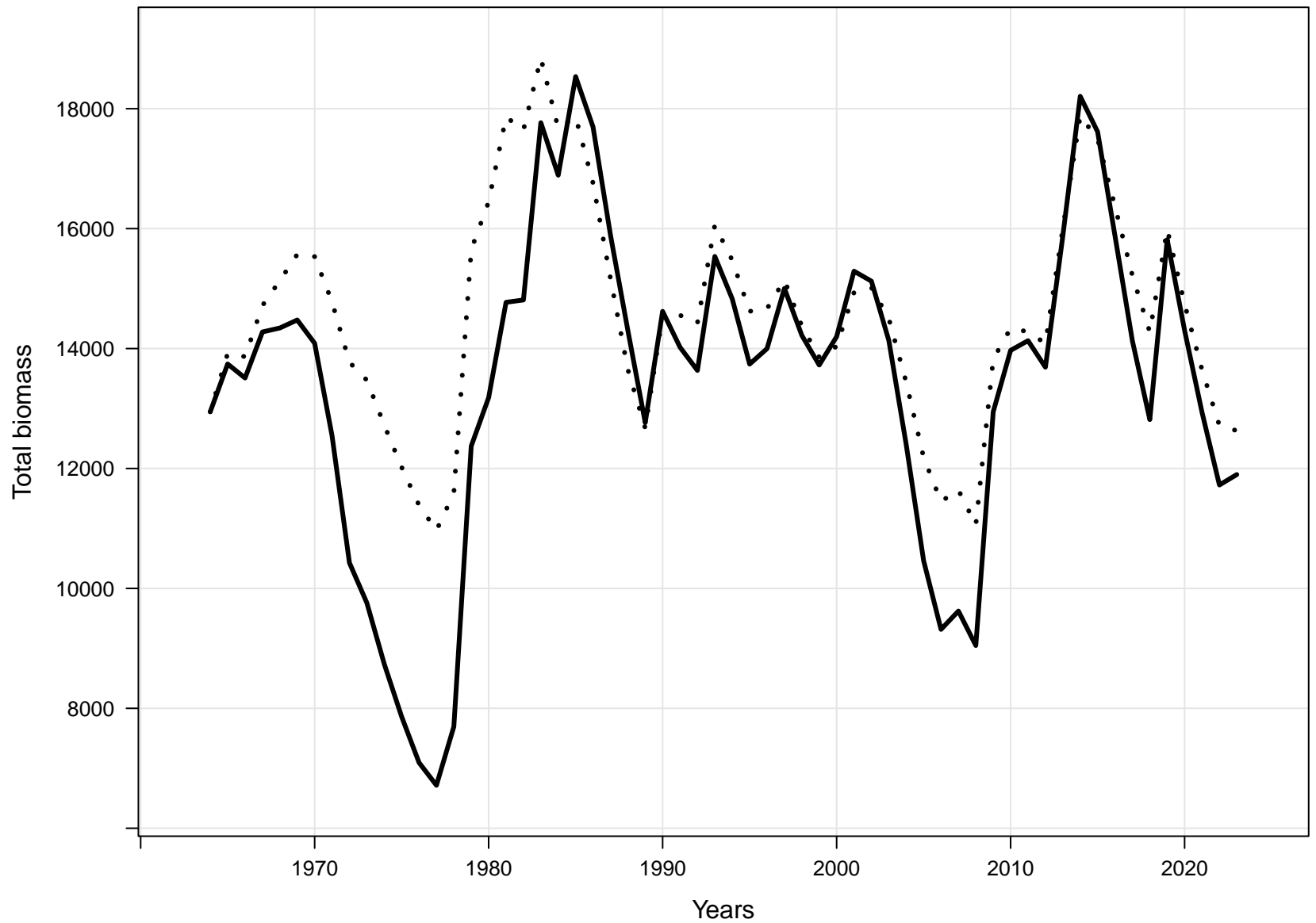


Stock Recruitment



Comparing fished with unfished biomass

Fished — Unfished



SSB prediction

F2023 SQ

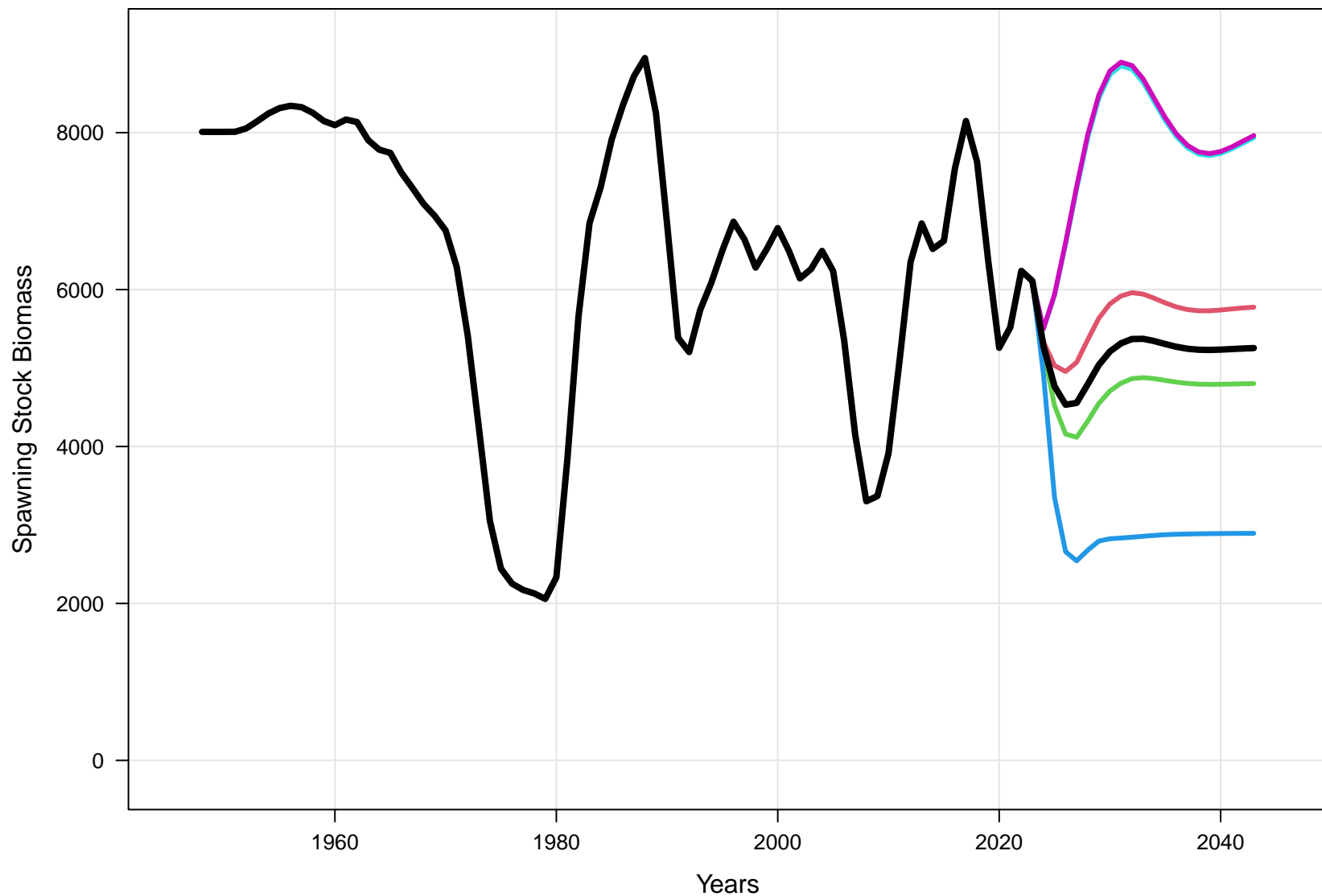
F2023 0.75x

F2023 1.25x

FMSY

TAC2023

F2023 0x



Catch prediction

F2023 SQ

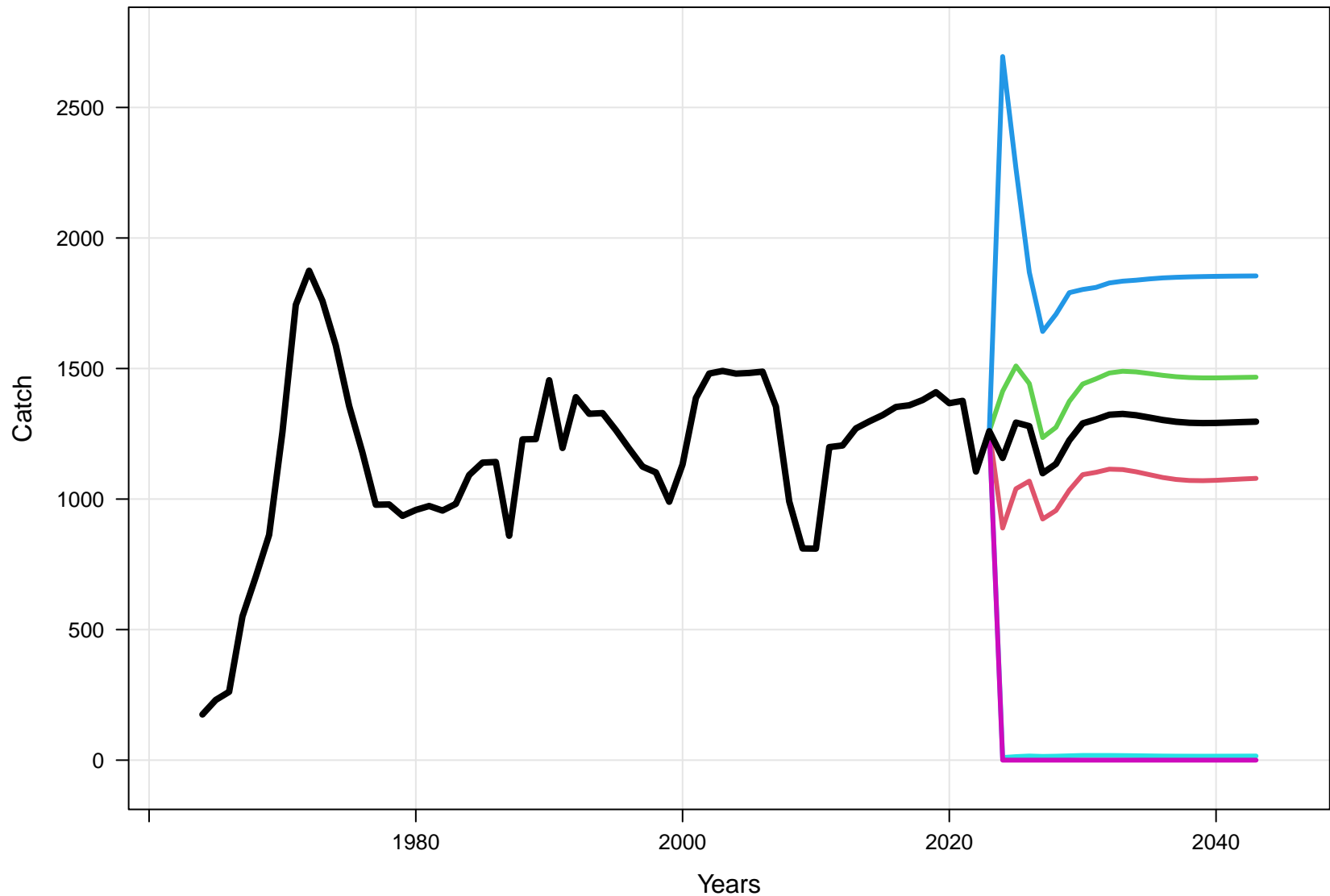
F2023 0.75x

F2023 1.25x

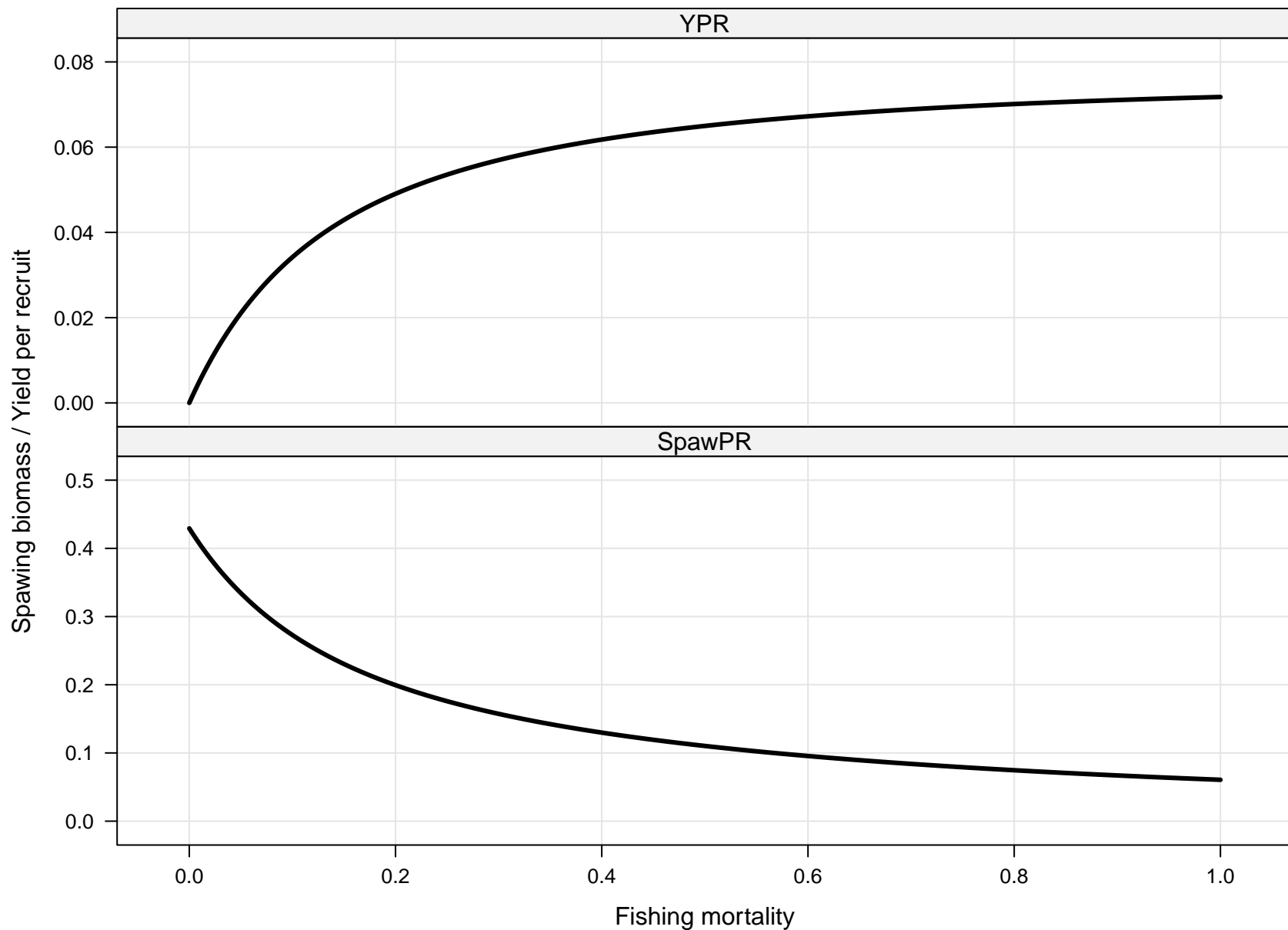
FMSY

TAC2023

F2023 0x



Yield and spawning stock biomass per recruit



Kobe plot

