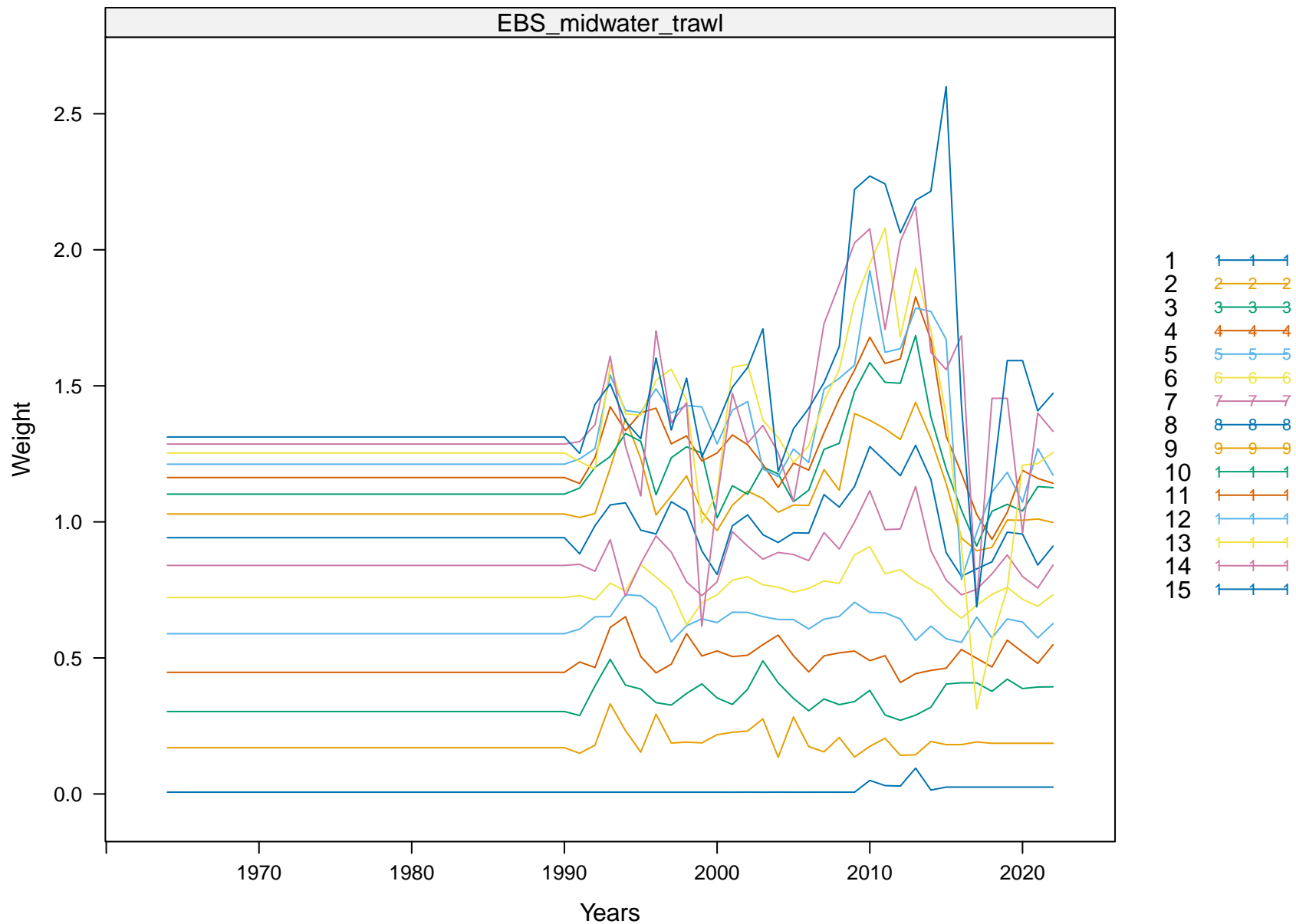
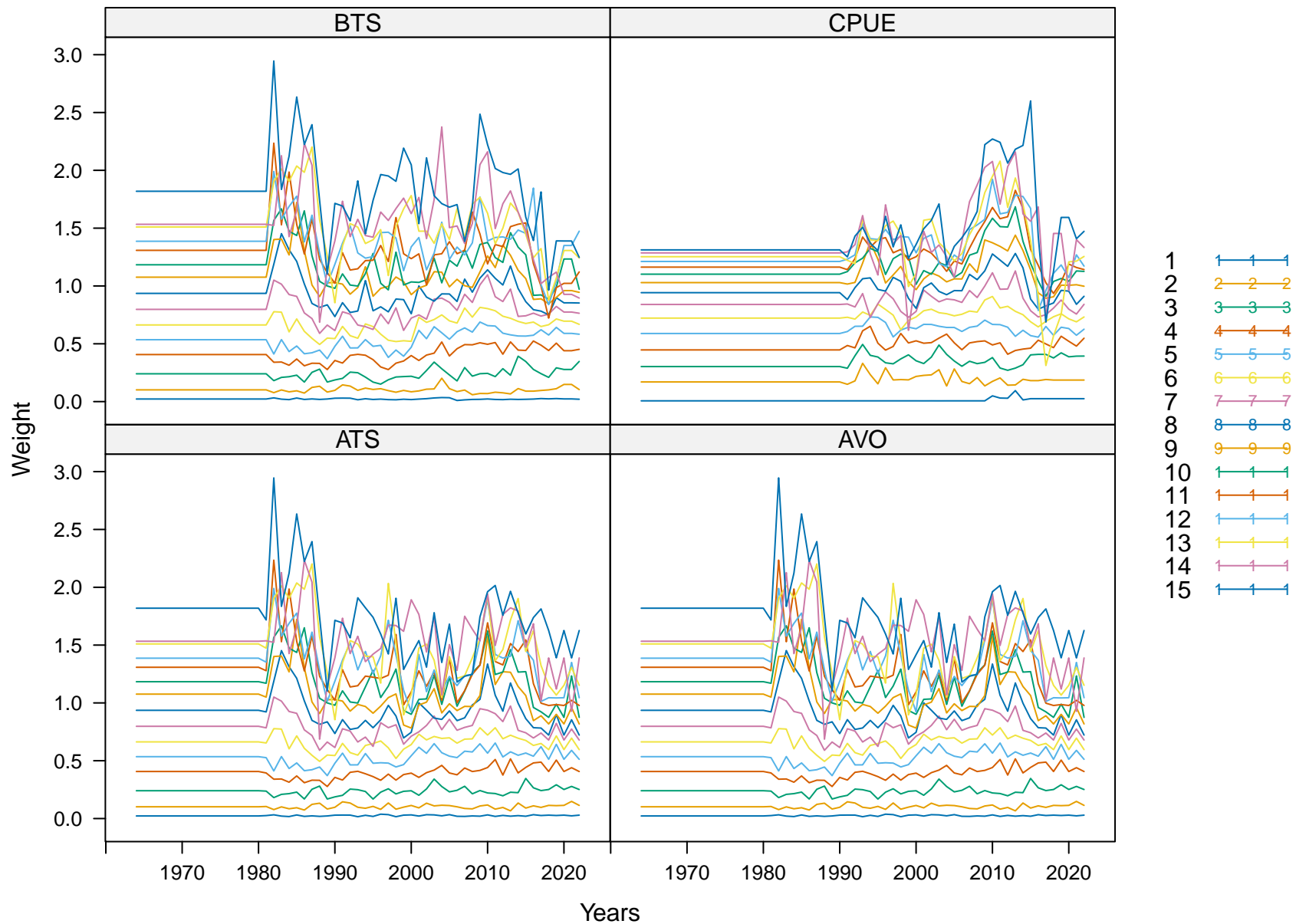


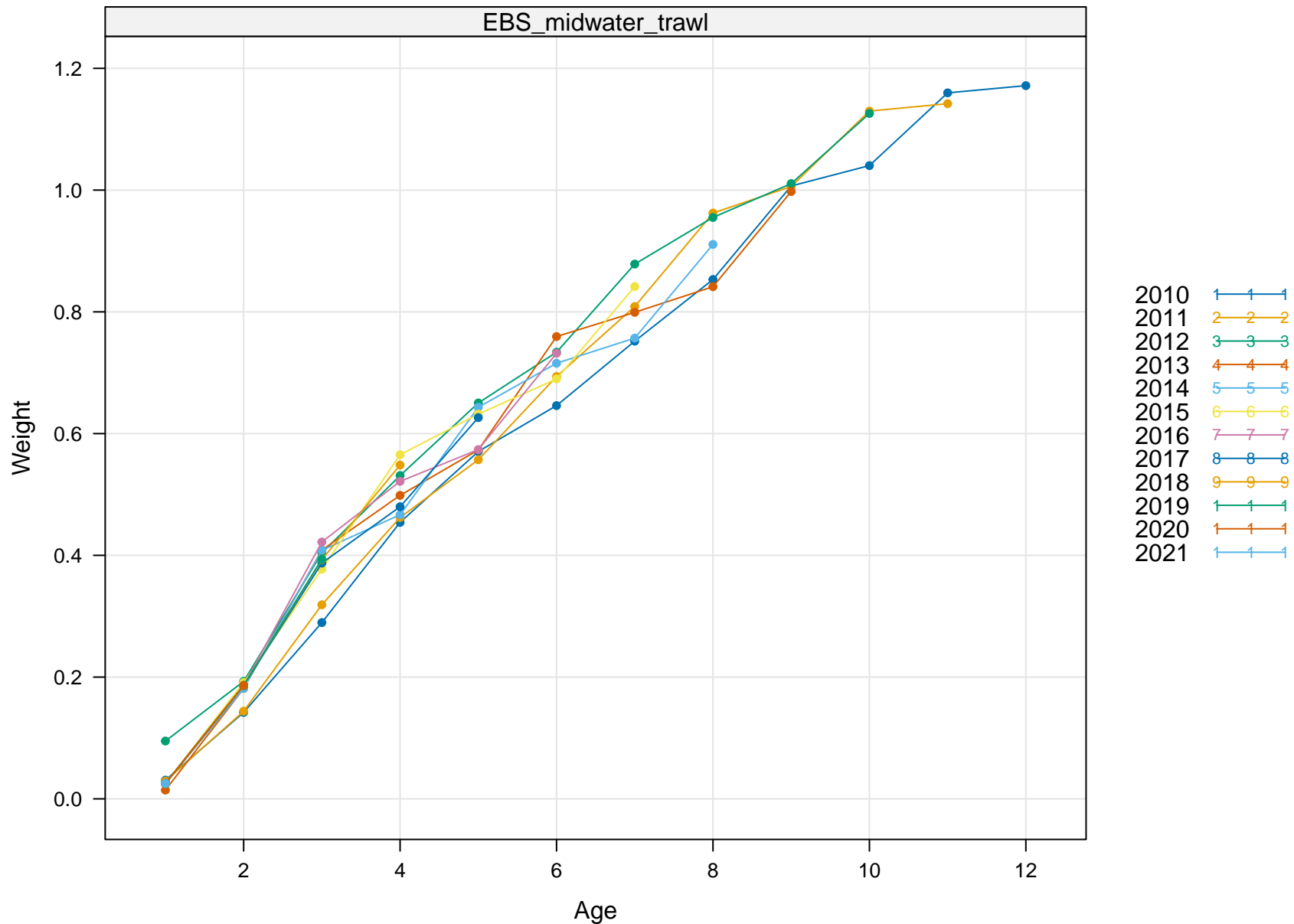
Weight at age in the fishery



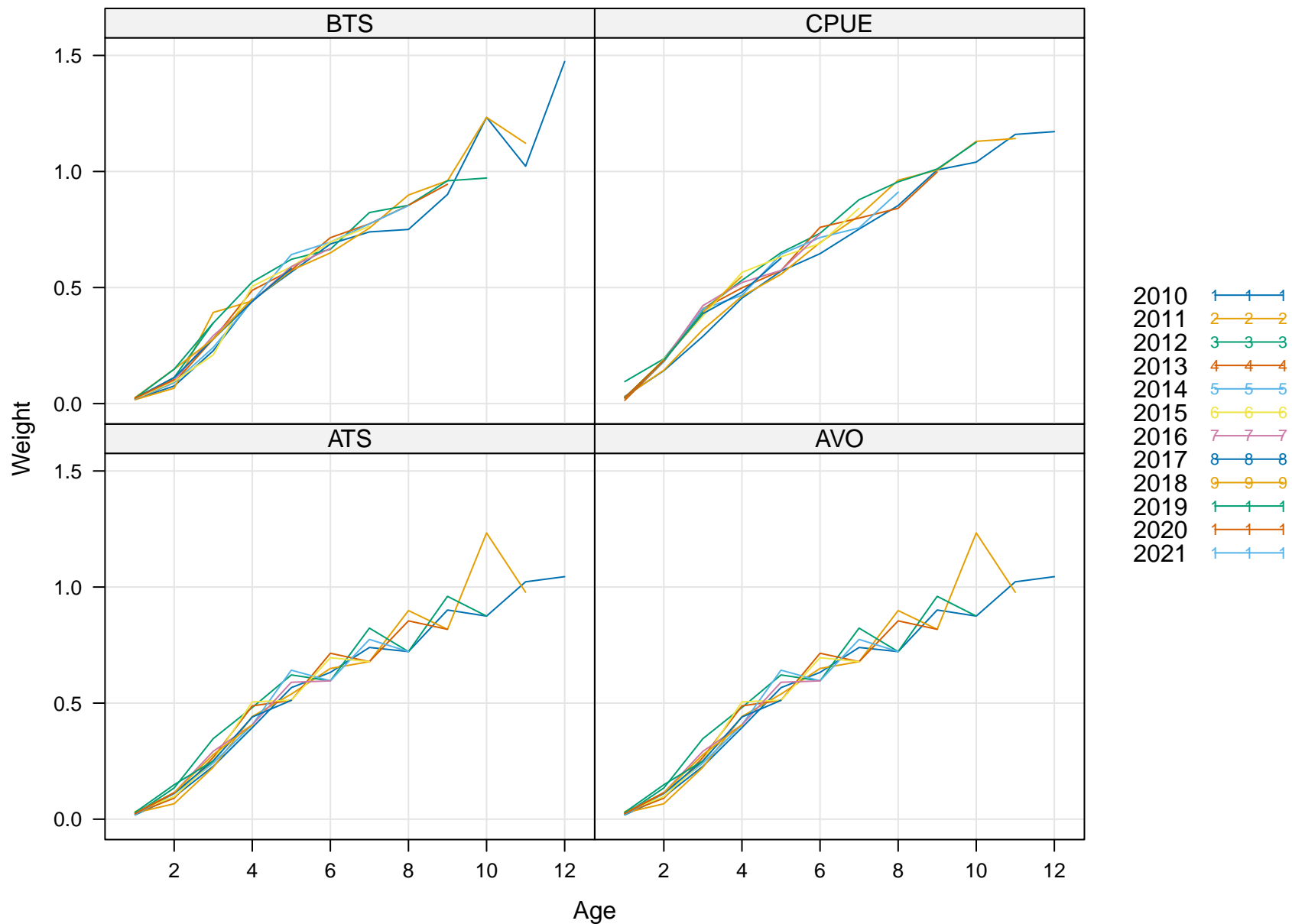
Weight at age in the survey



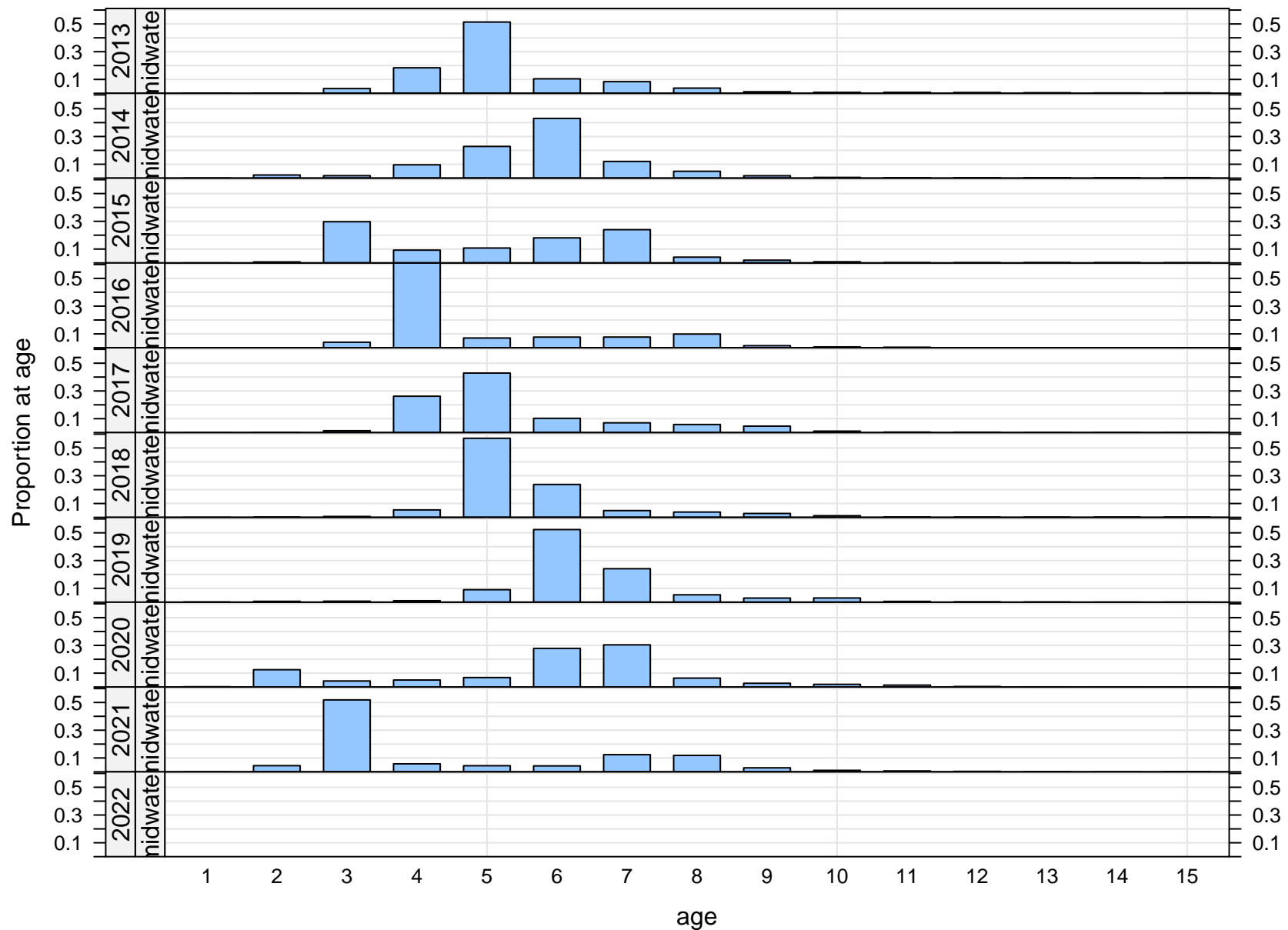
Weight at age by cohort in the fleet



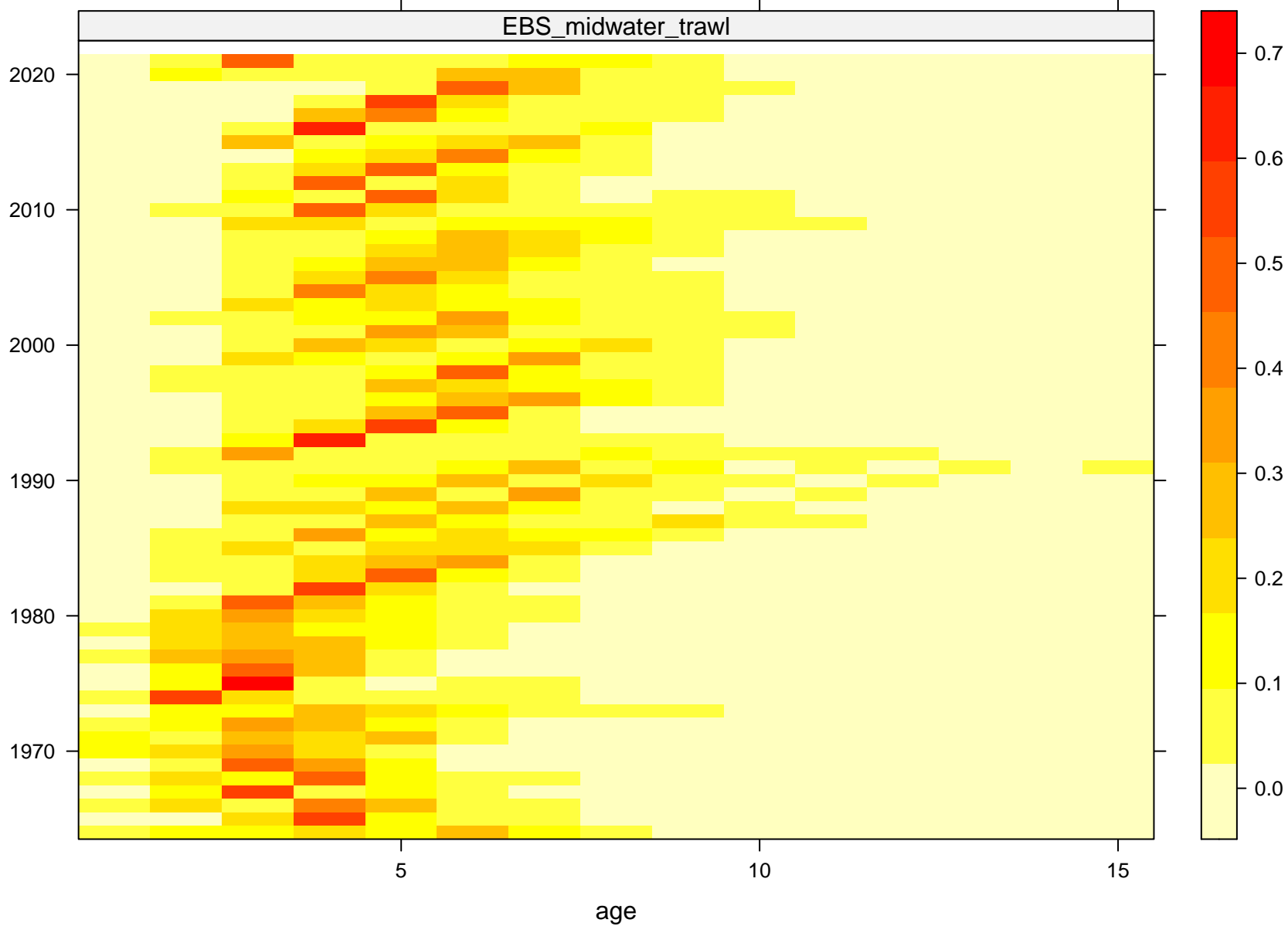
Weight at age by cohort in the survey



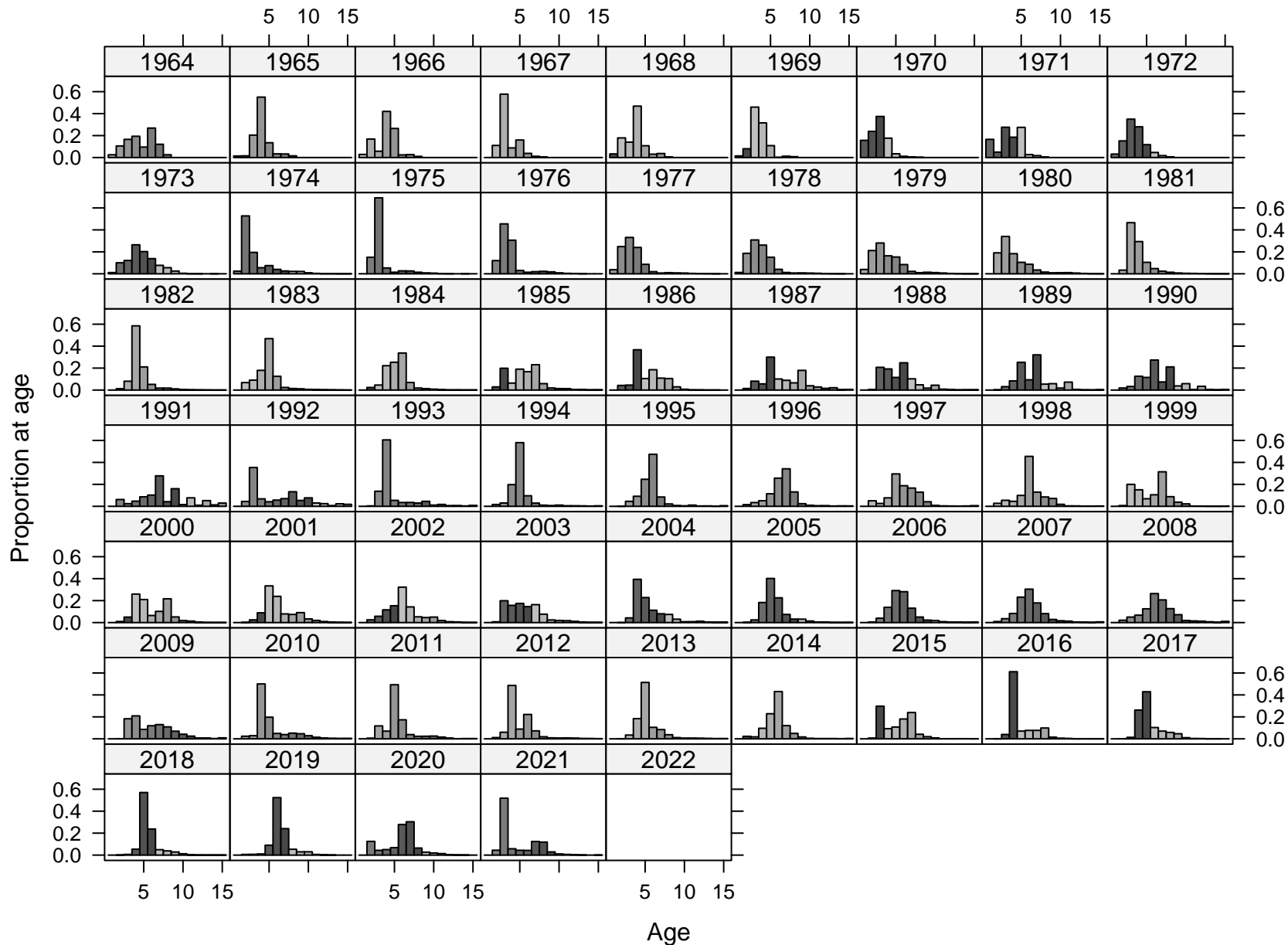
Age composition in fleets



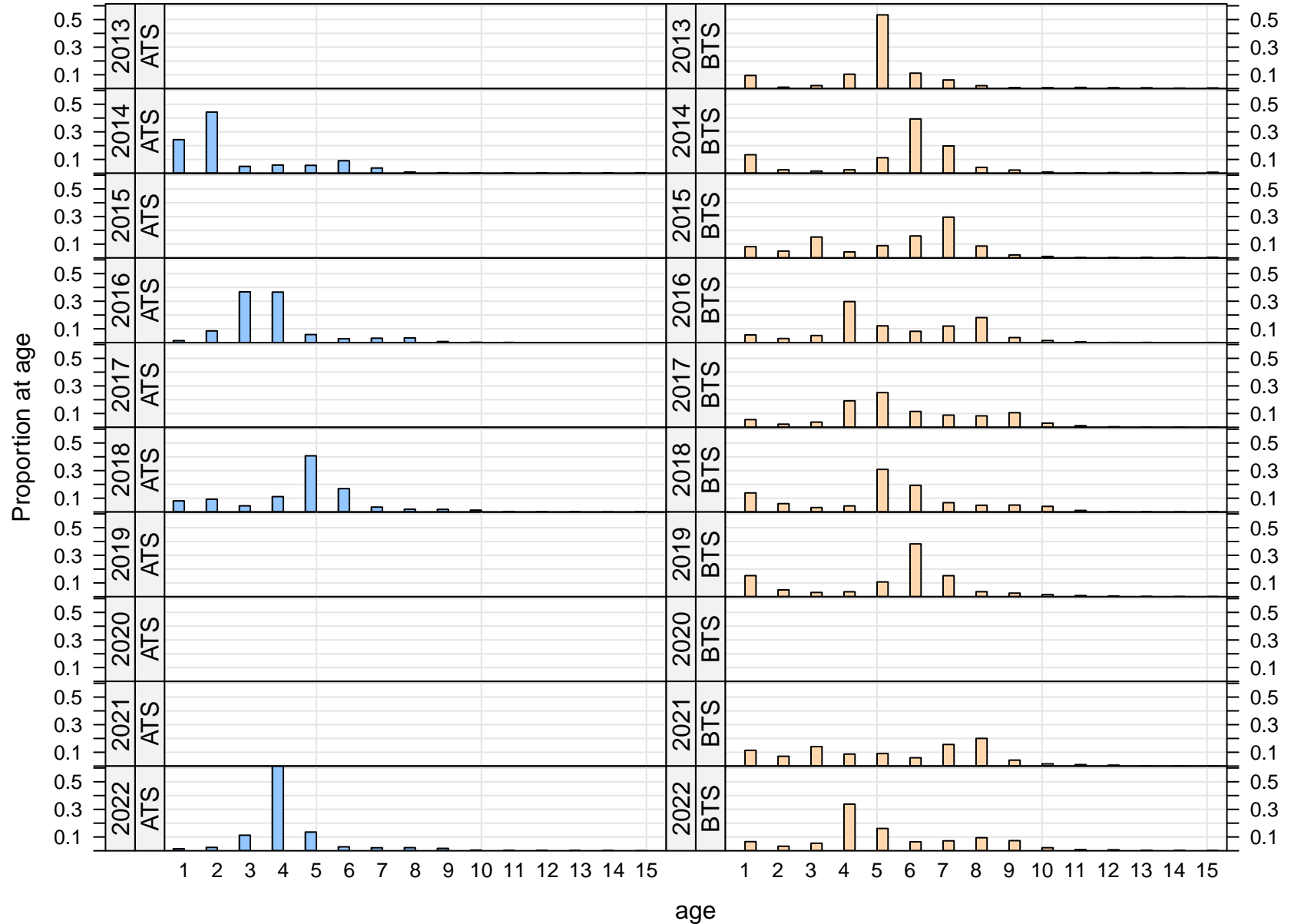
Age composition in fleets



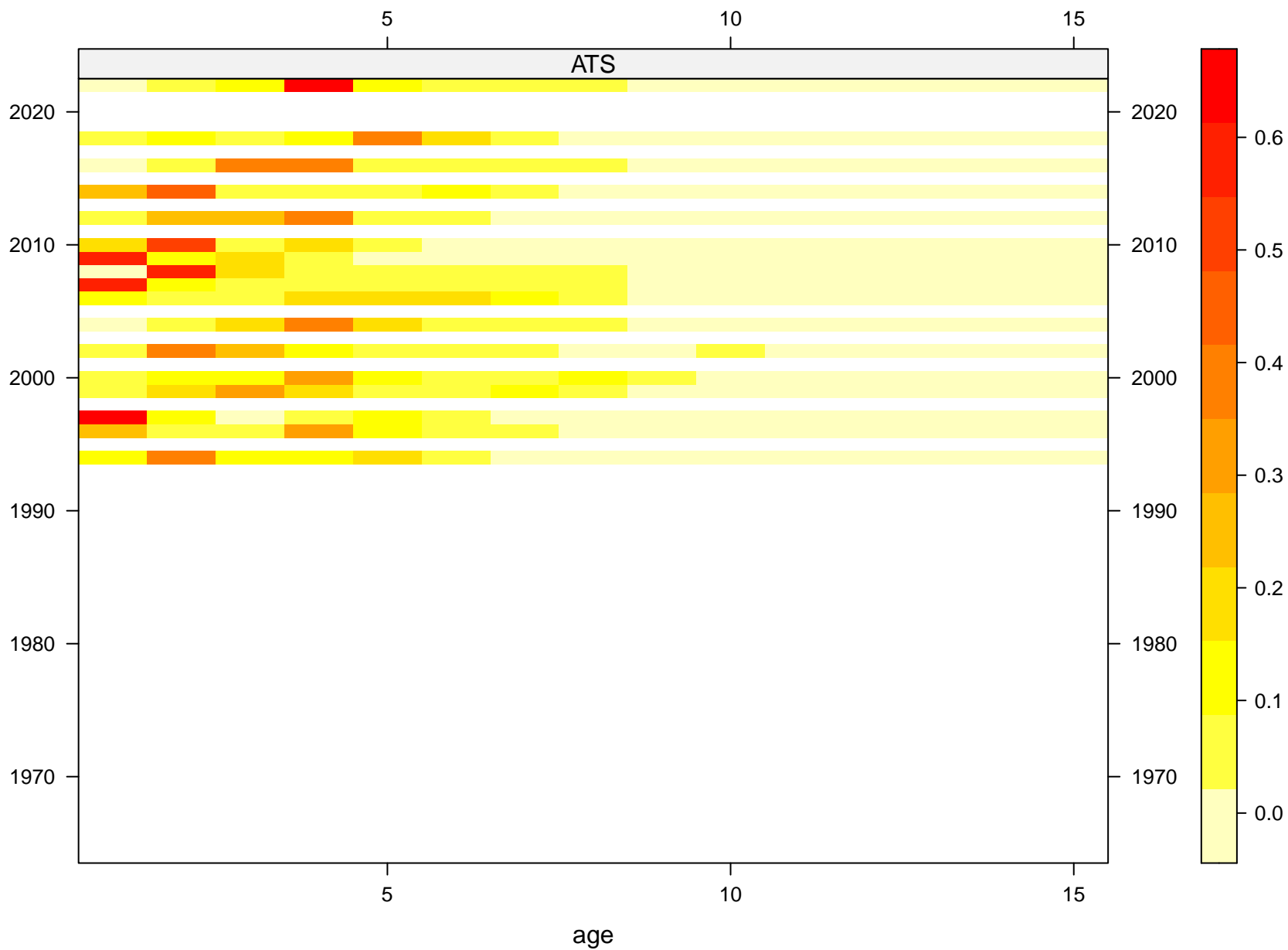
Age composition in fleets EBS_midwater_trawl



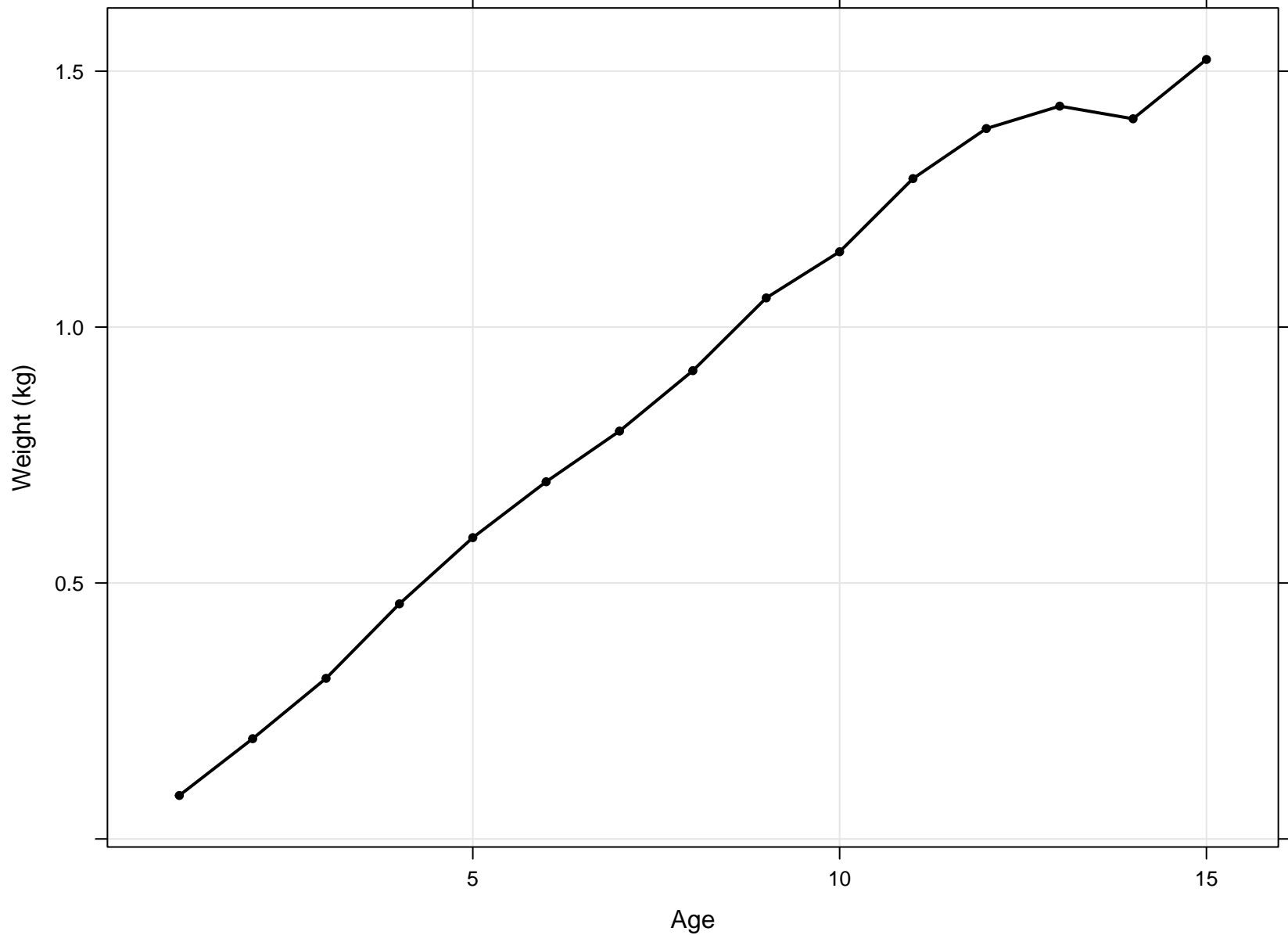
Age composition in surveys



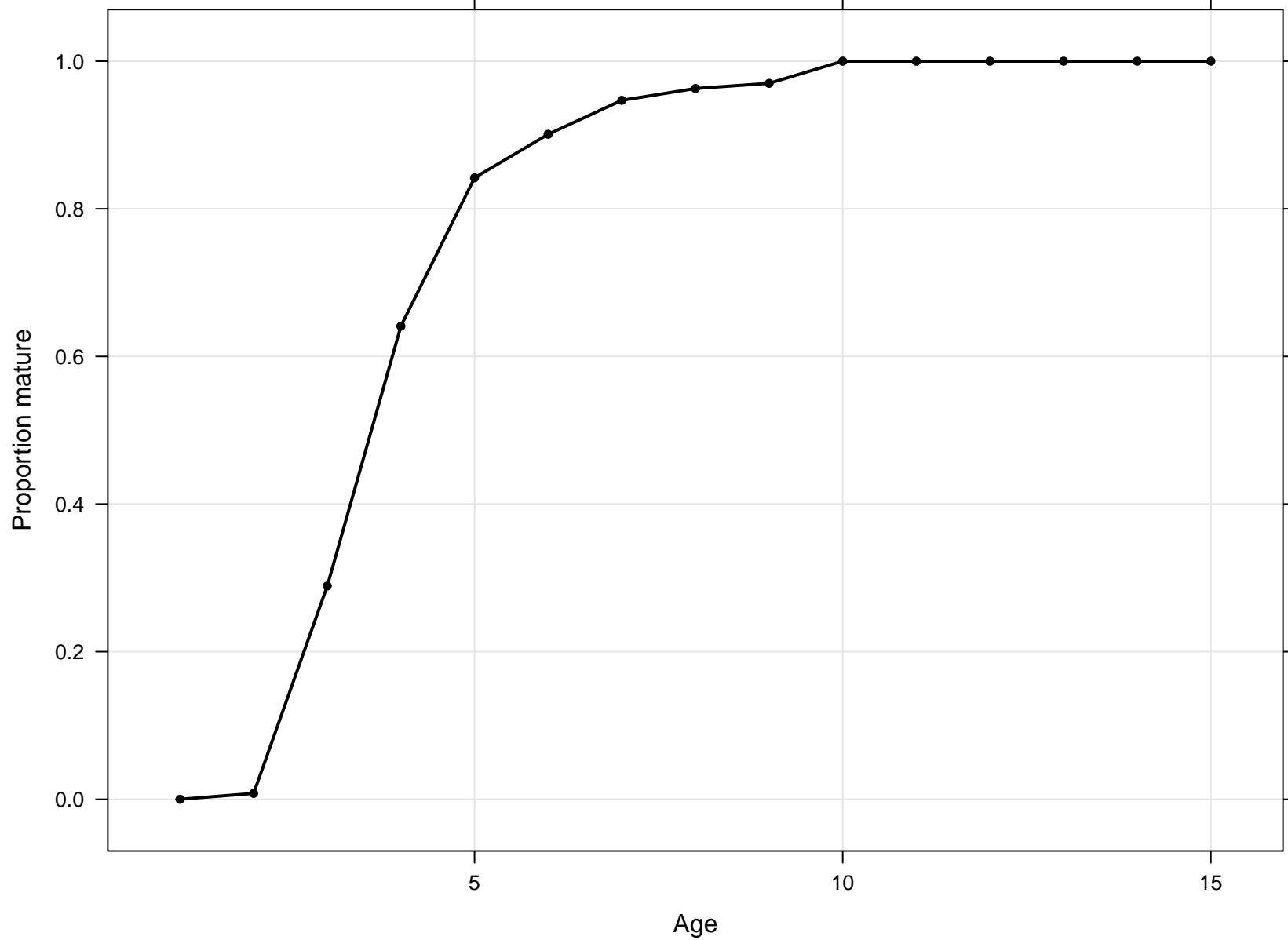
Age composition in surveys



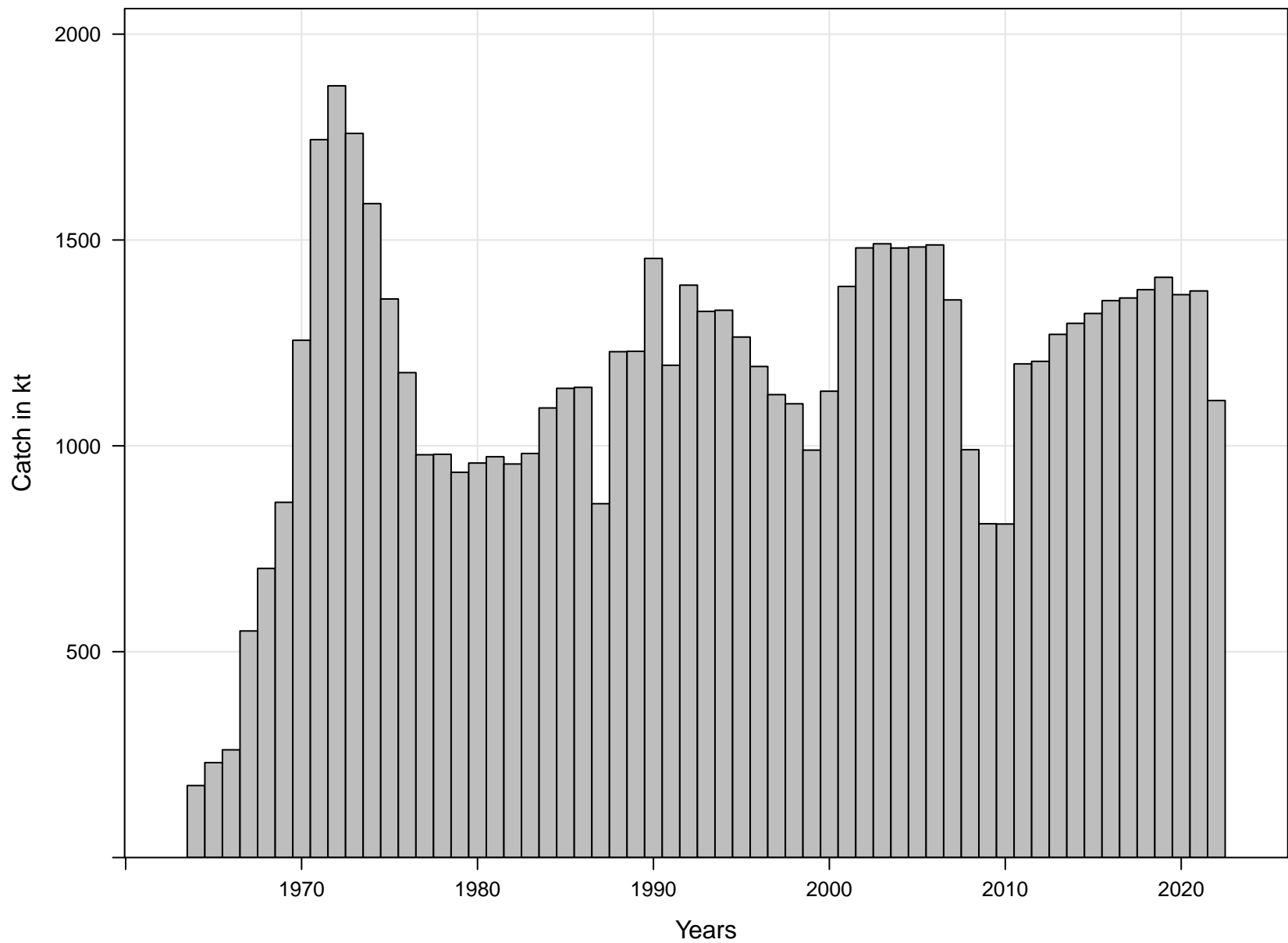
Weight in the stock



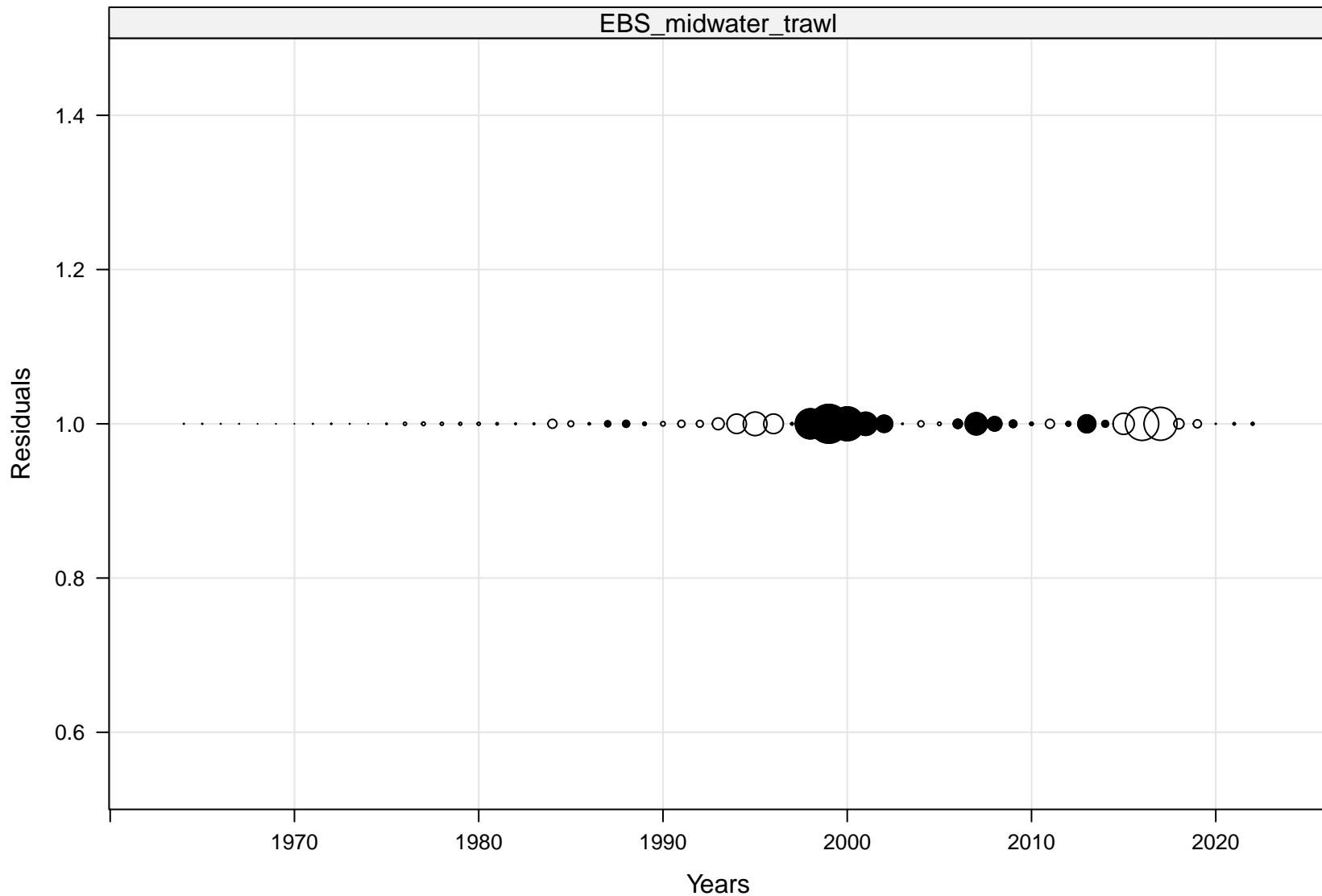
Maturity in the stock

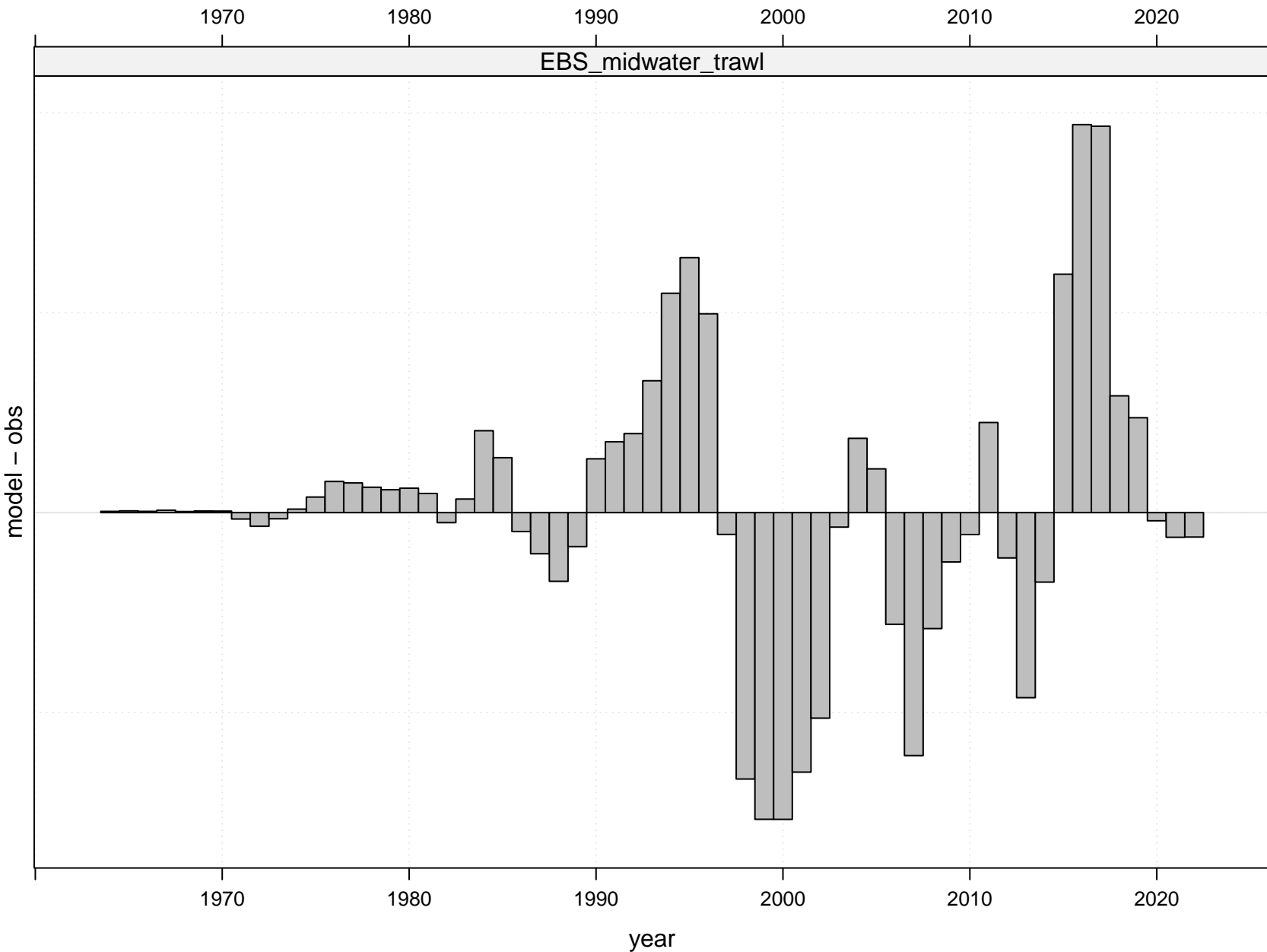


Total catch

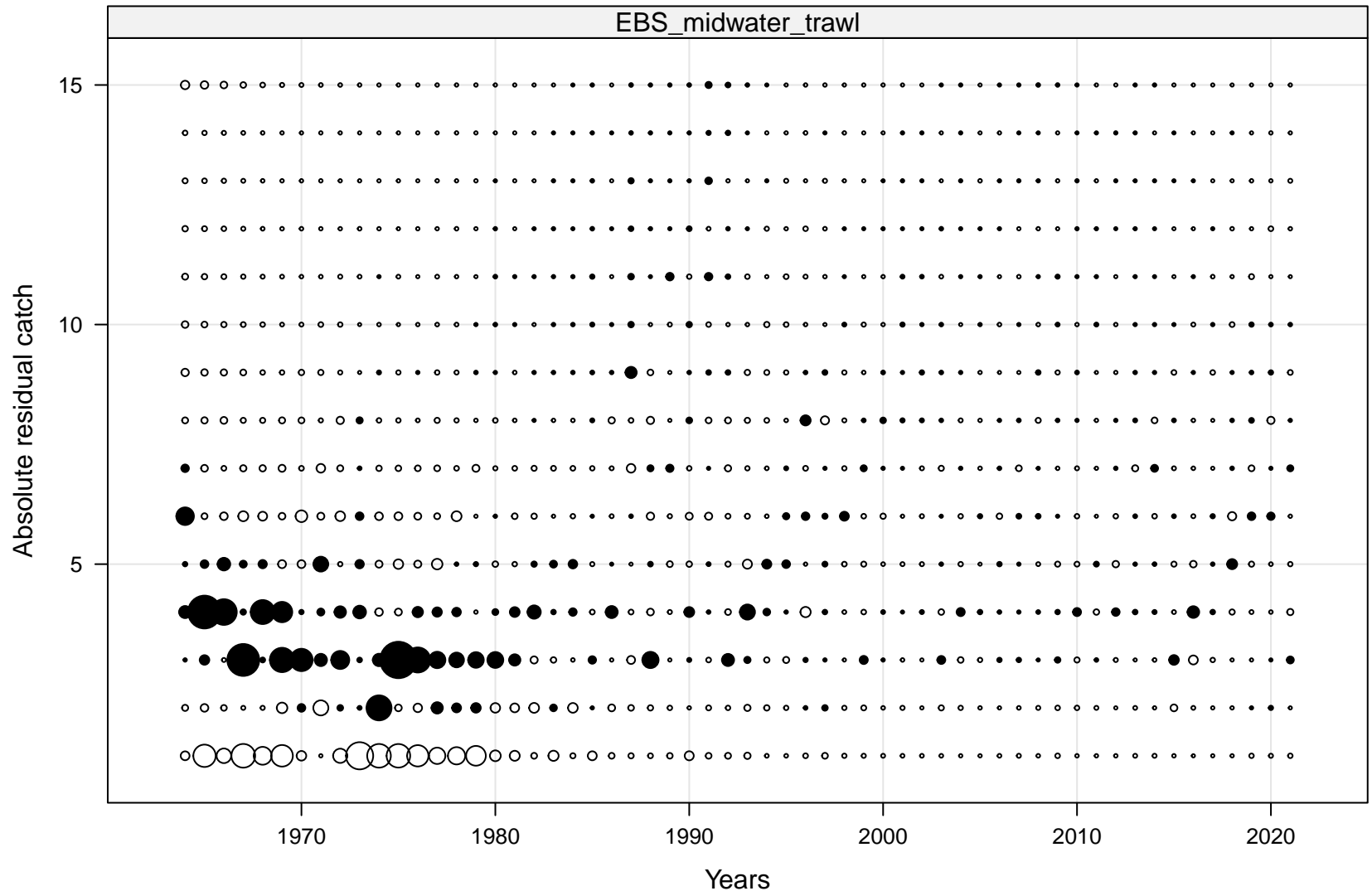
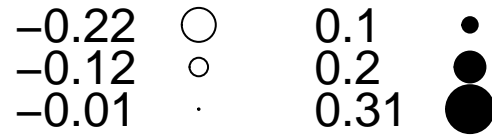


Catch residuals by fleet





Absolute residual catch by fleet

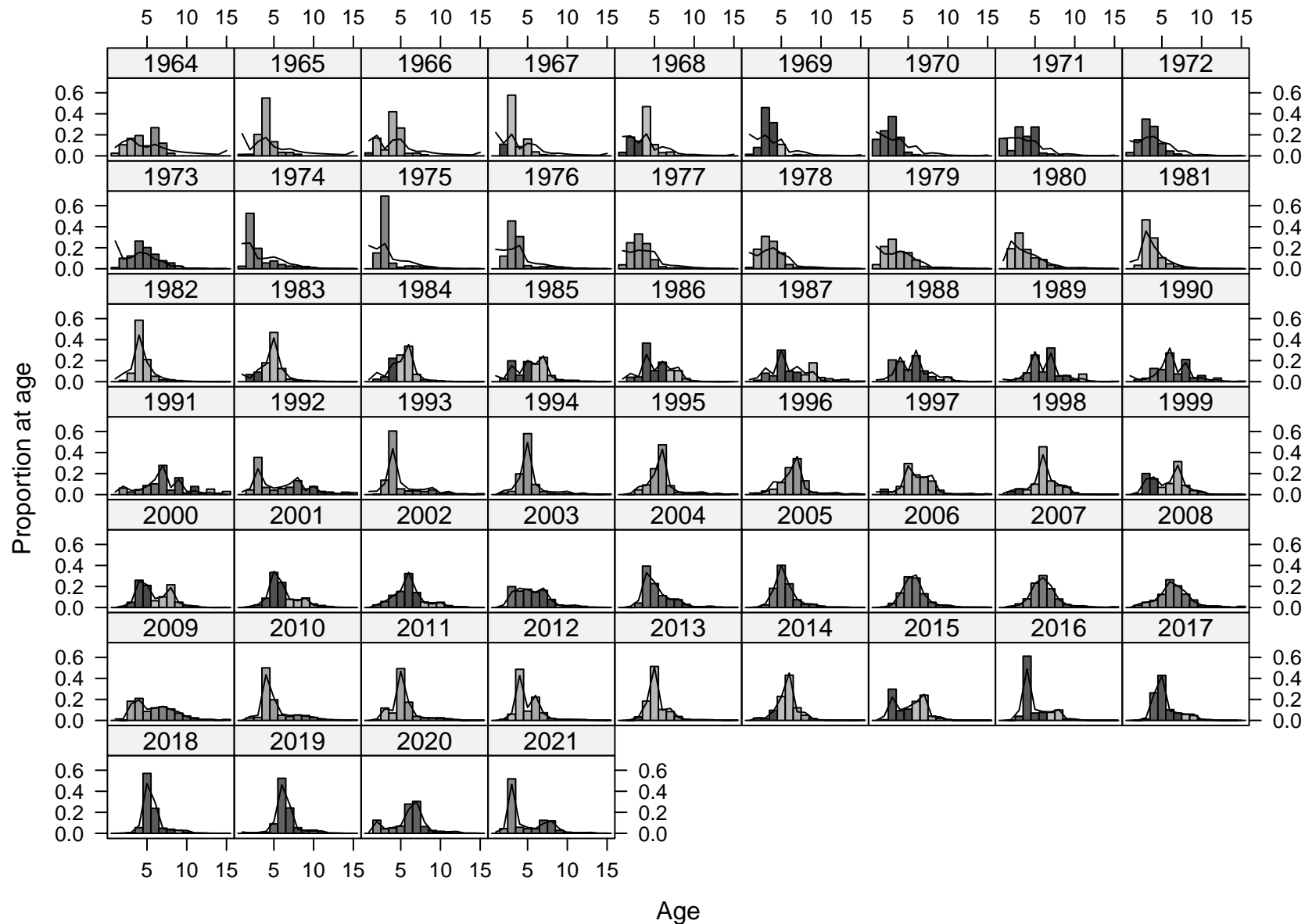


Age fits EBS_midwater_trawl

Observed

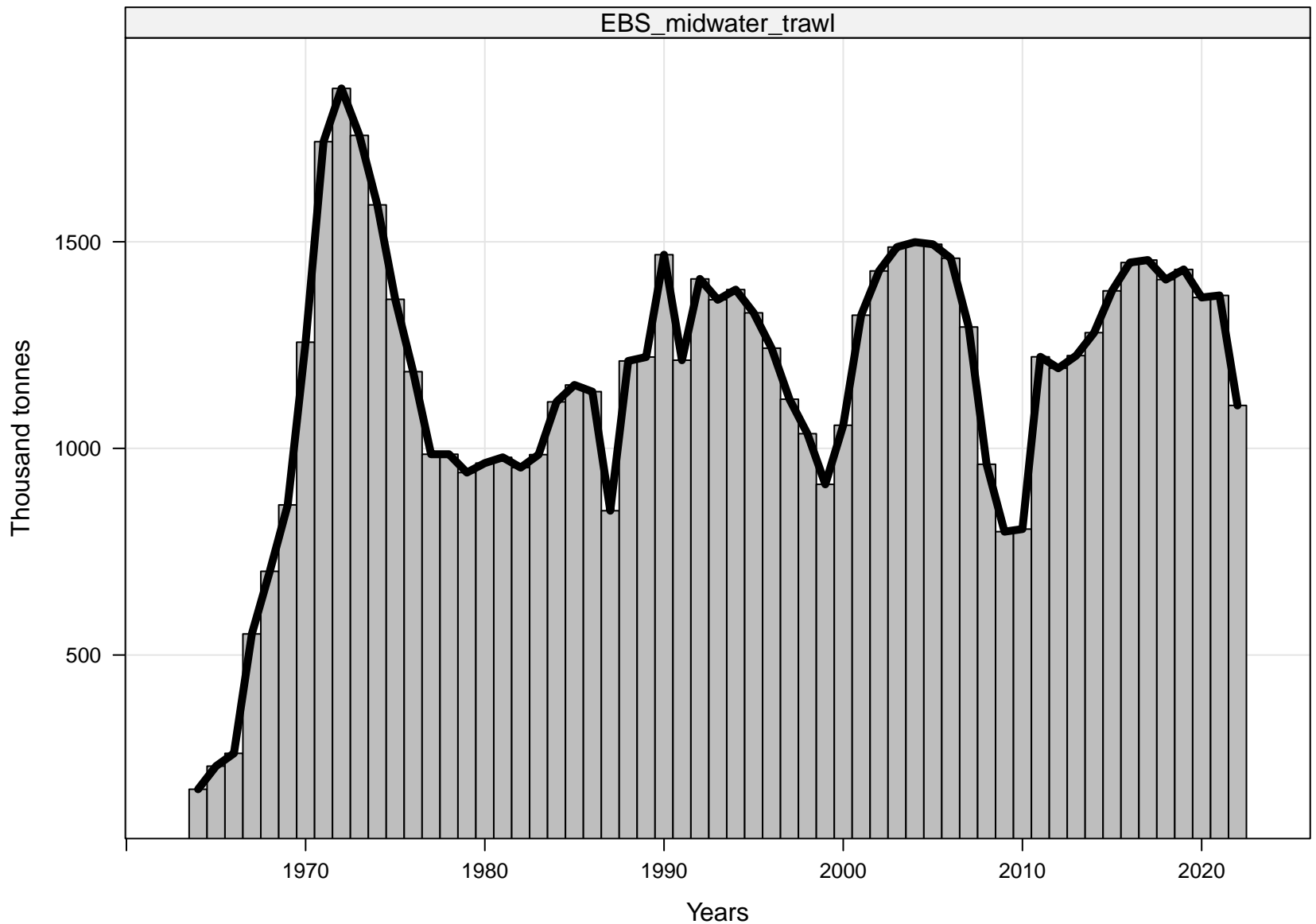


Predicted



Predicted and observed catches by fleet

Observed Predicted

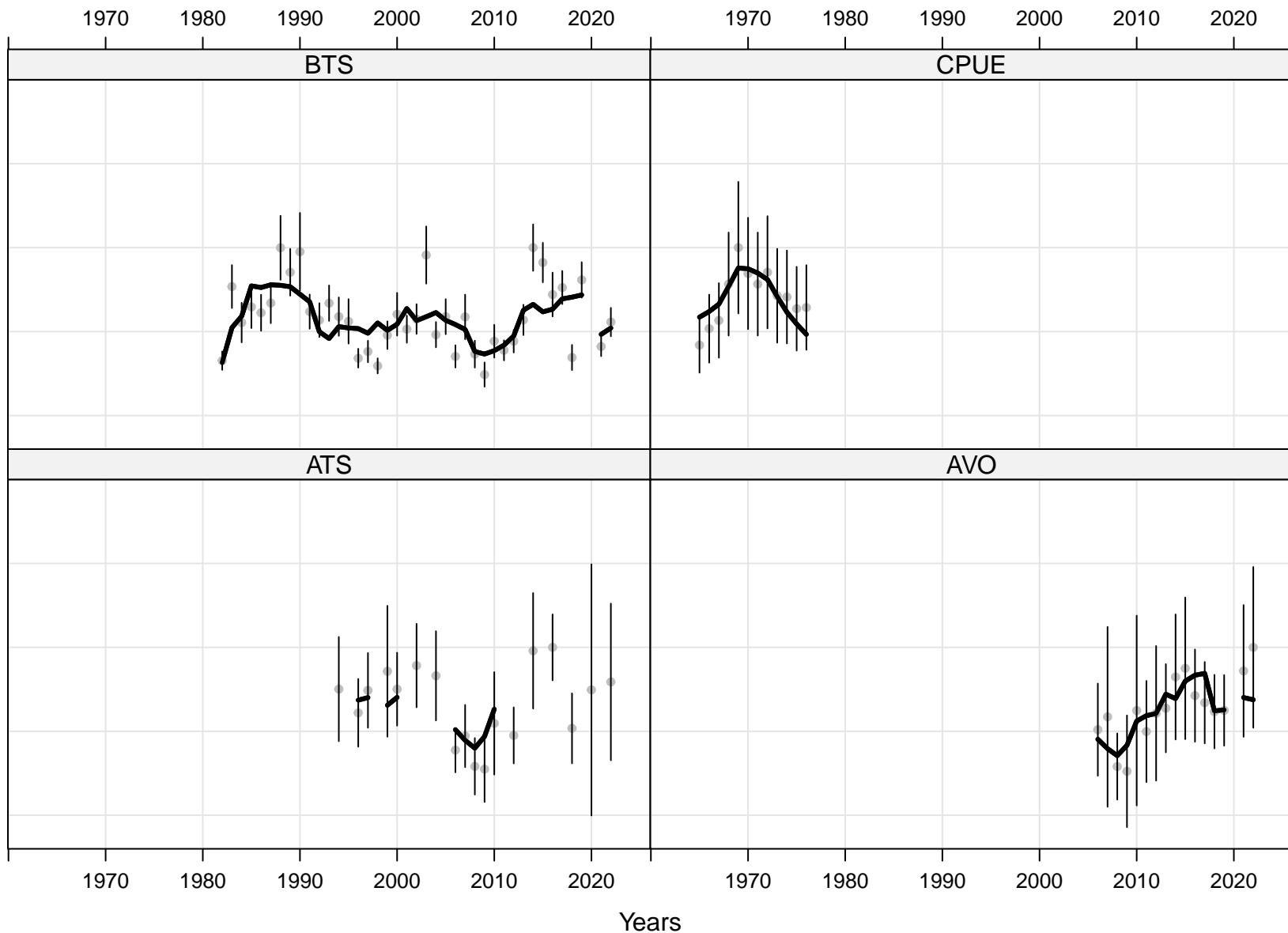


Predicted and observed indices

Observed •

Predicted —

Normalized index value

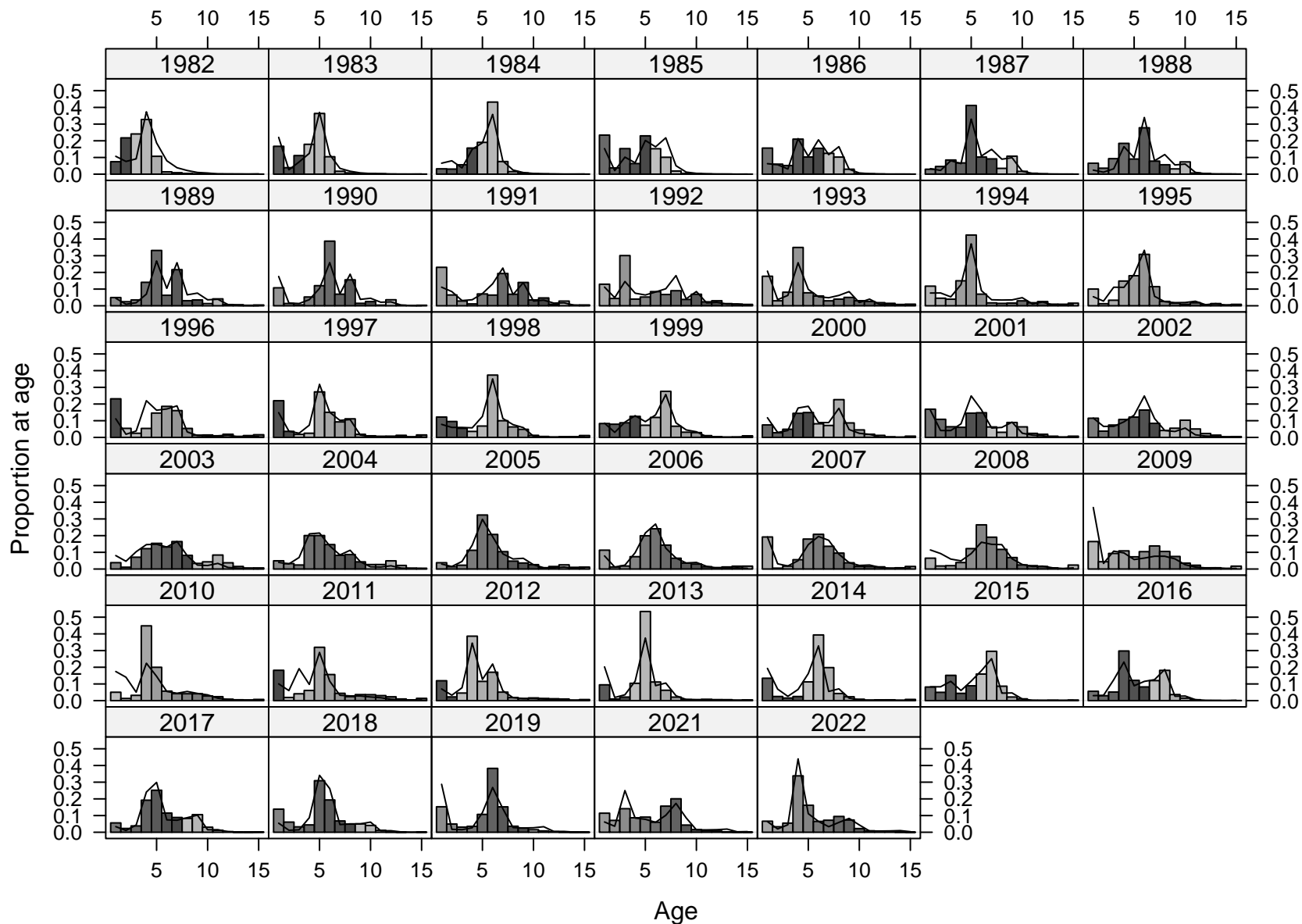


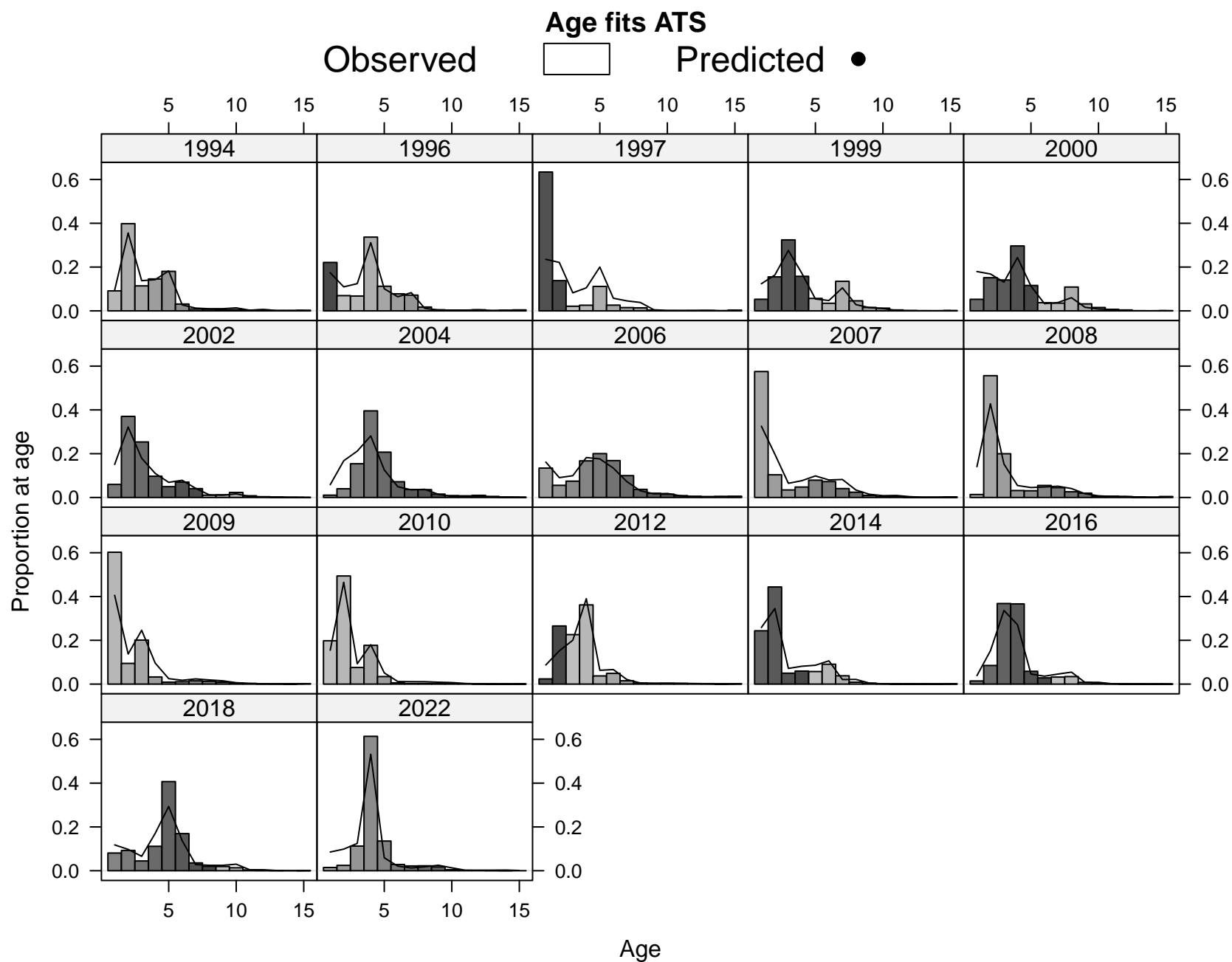
Age fits BTS

Observed

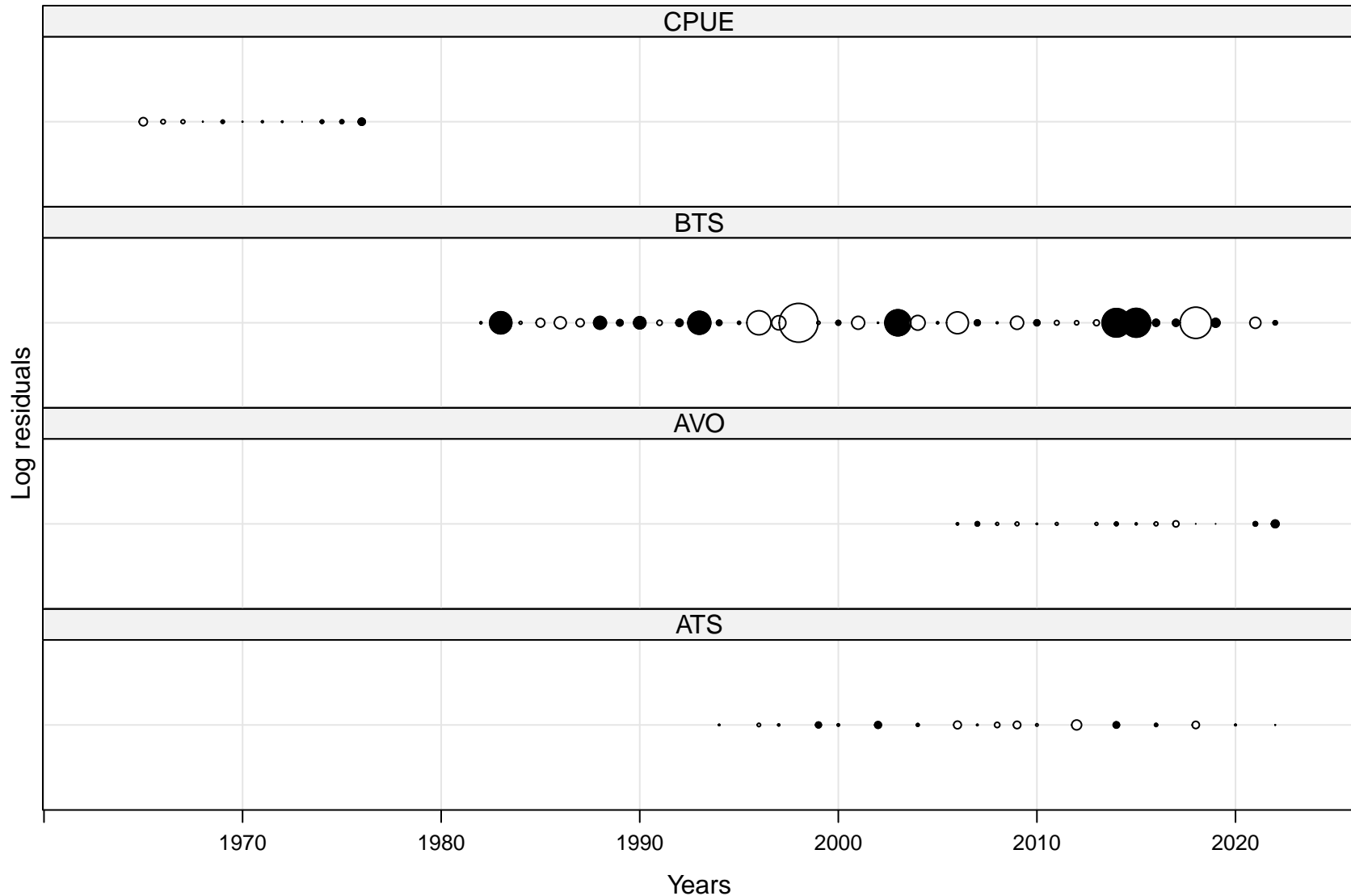
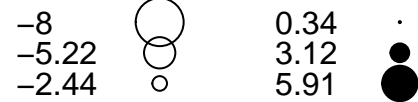


Predicted

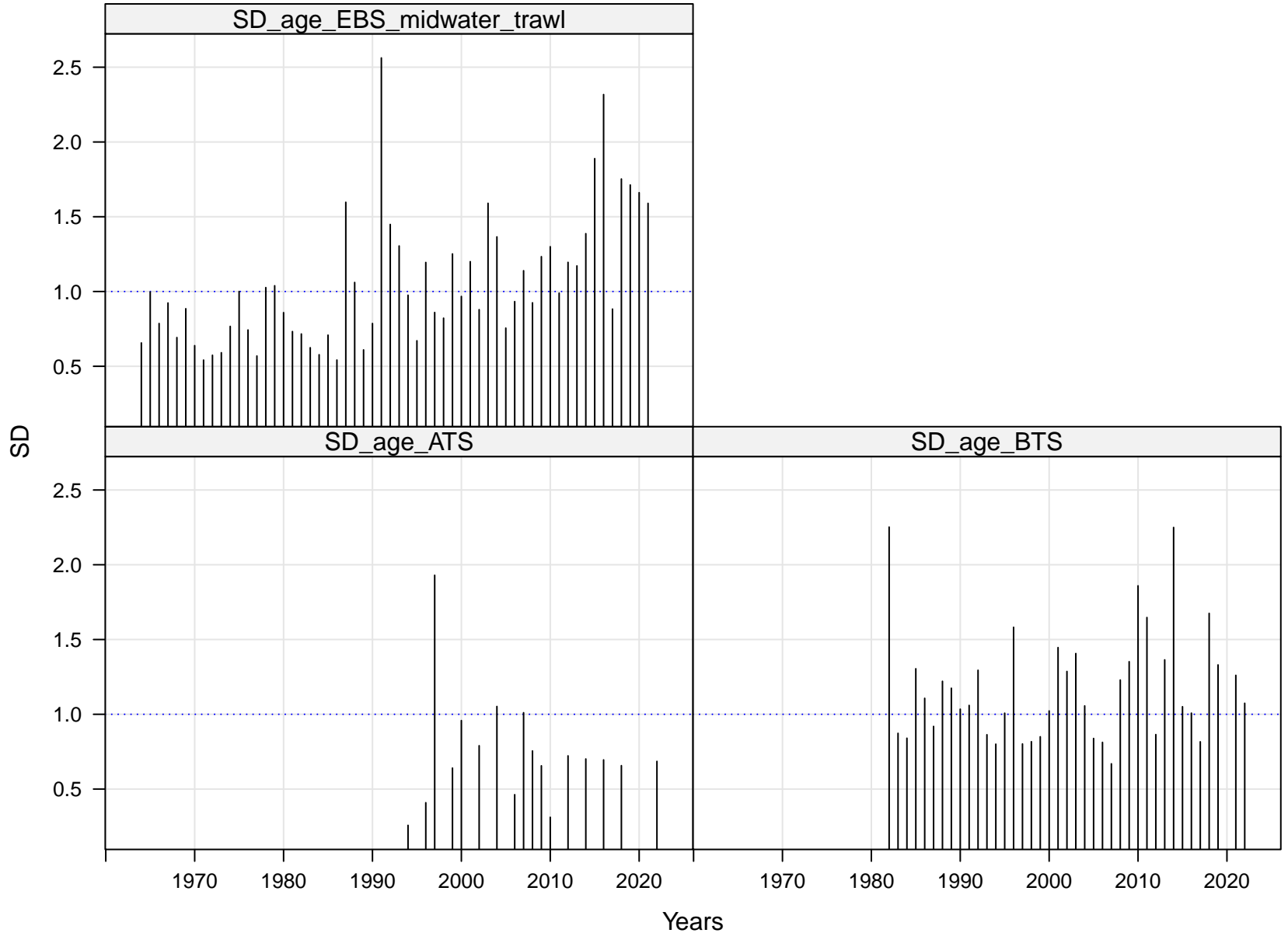




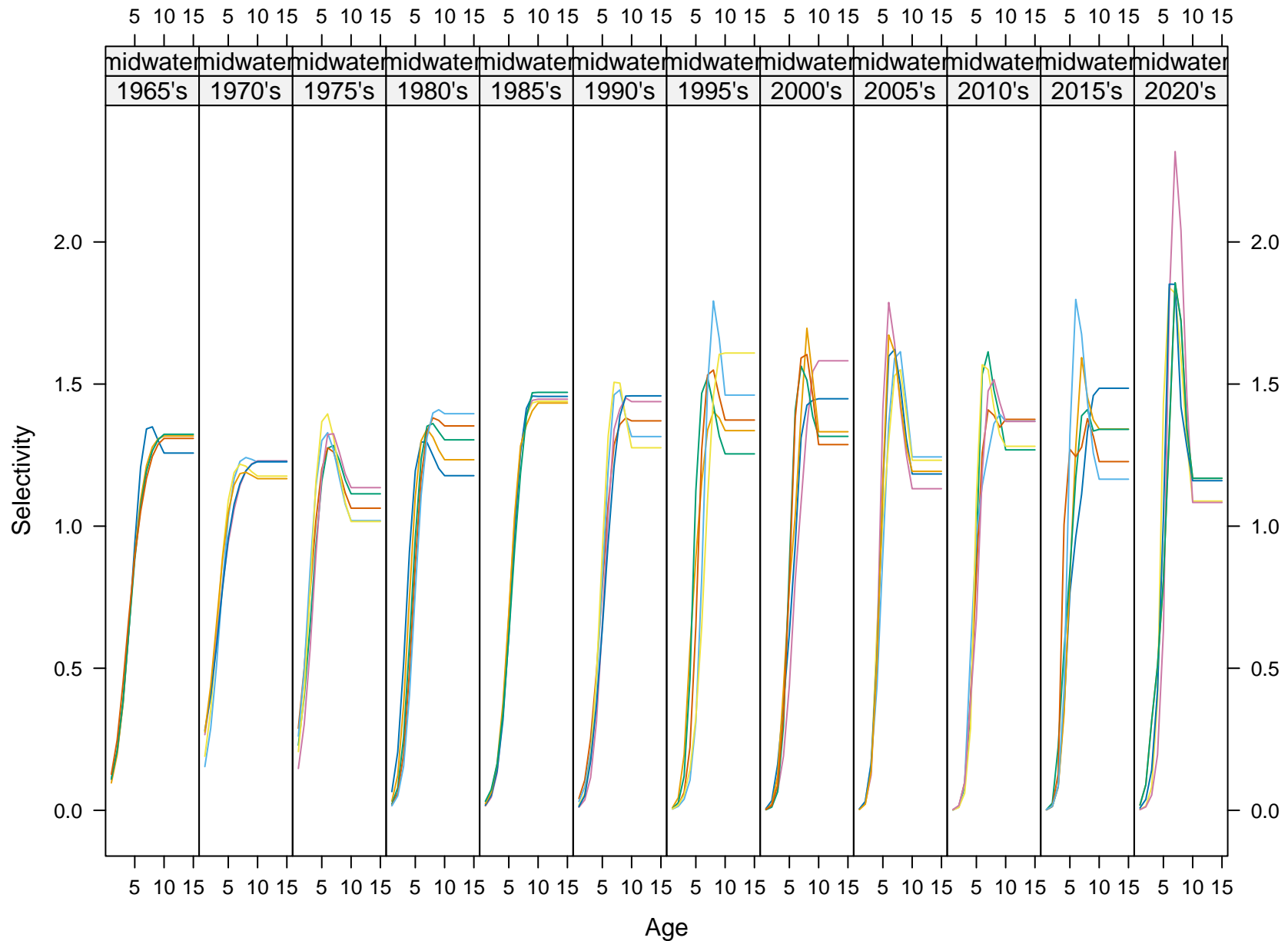
Standardized survey residuals



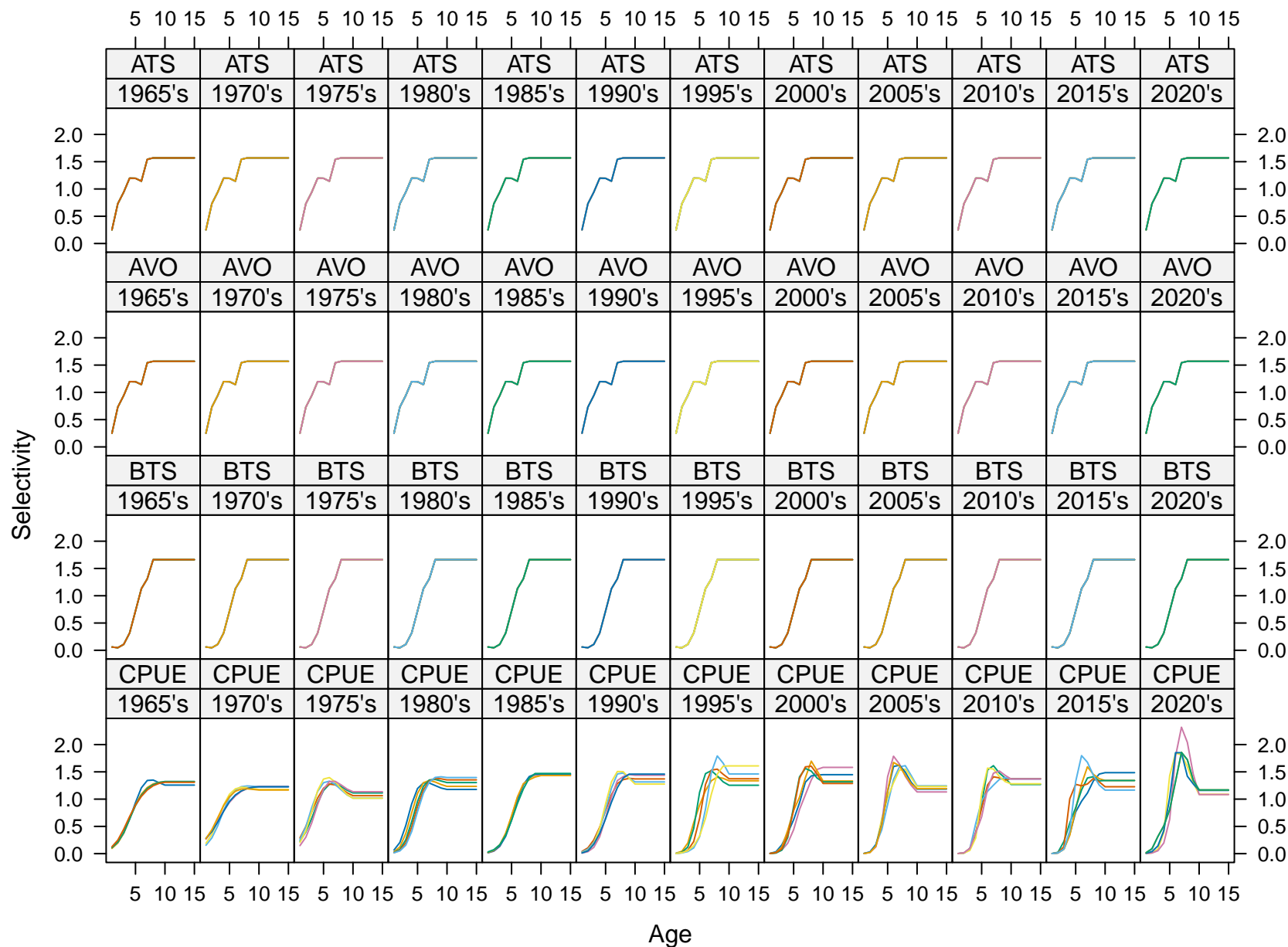
SD per input series



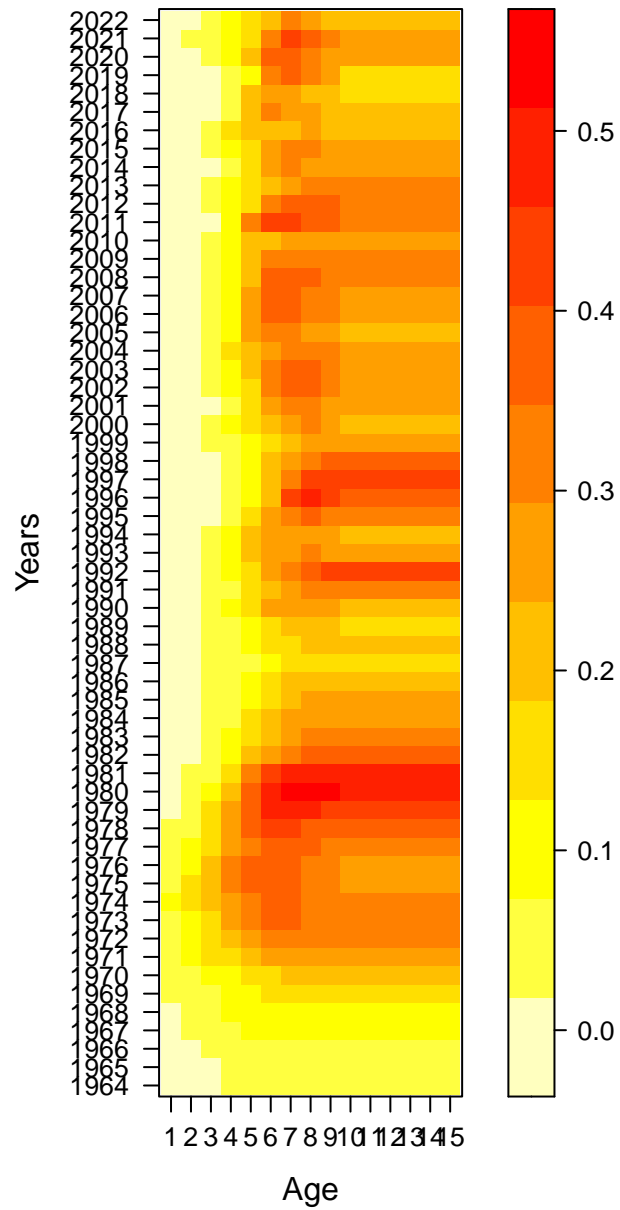
Selectivity of the Fishery by Pentad



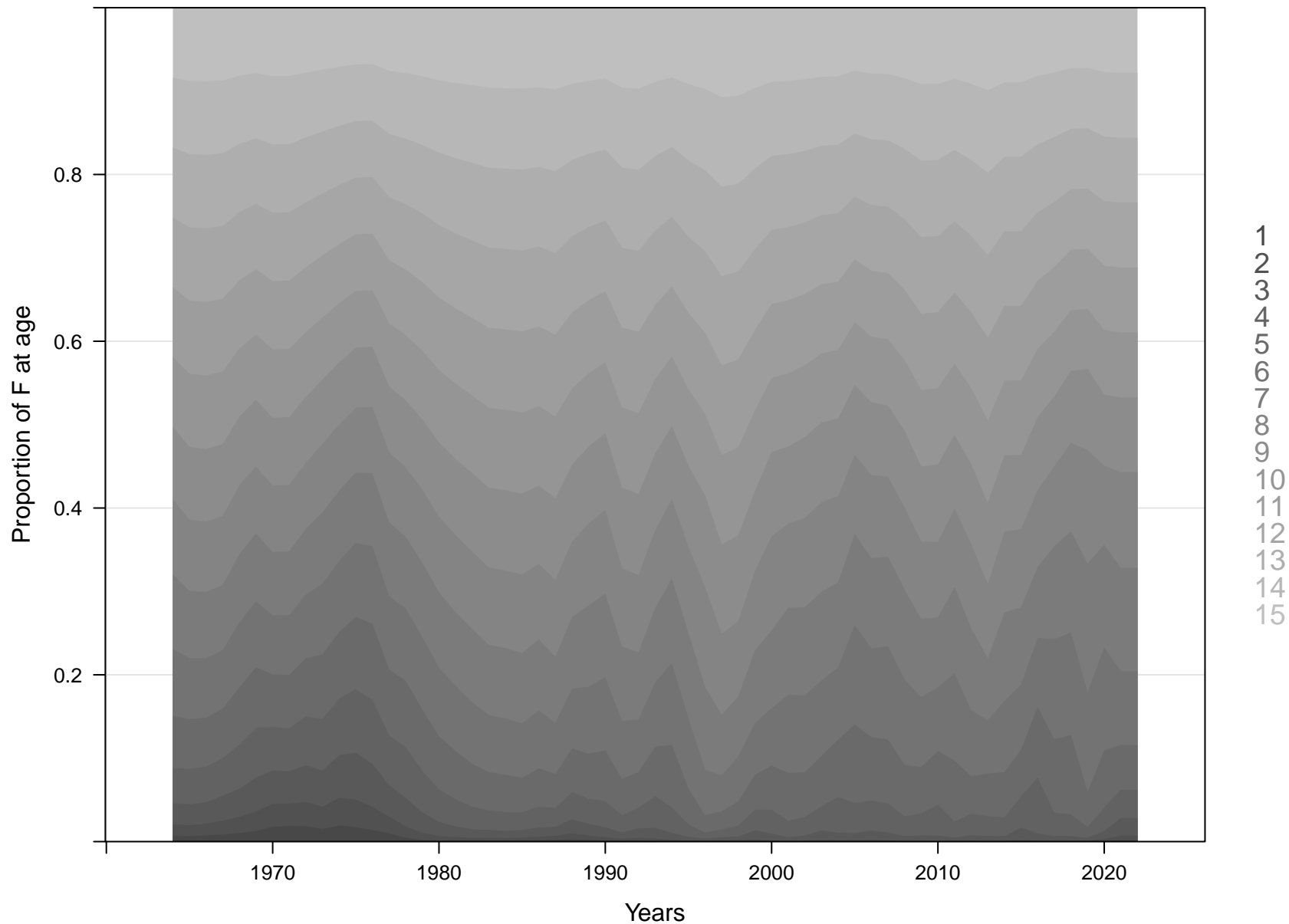
Selectivity of the survey by Pentad



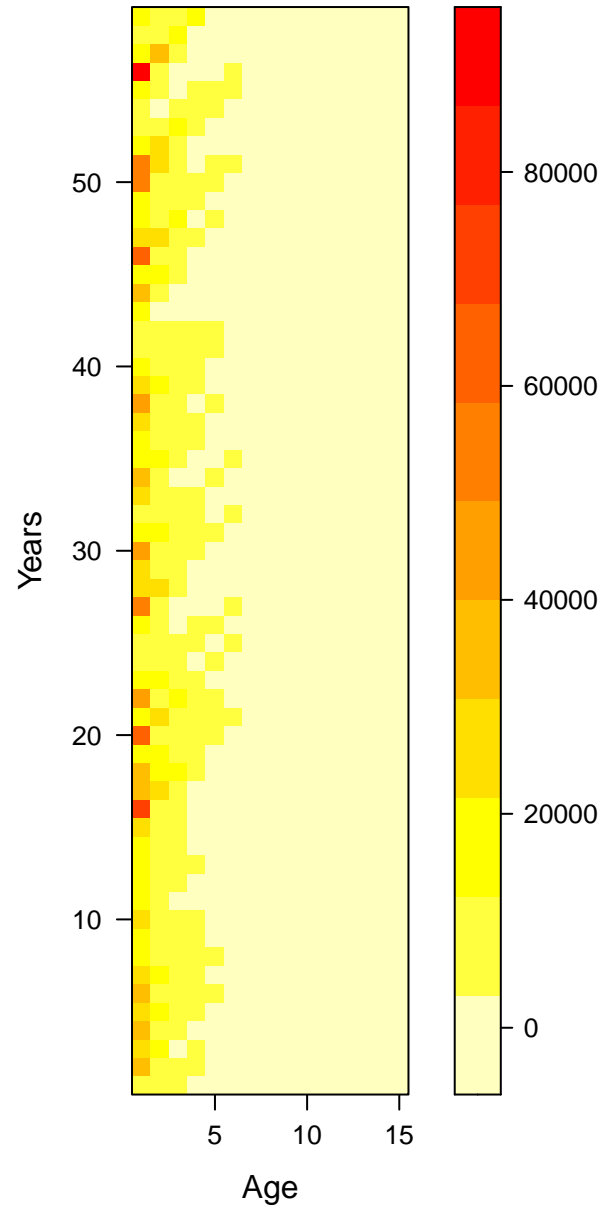
F at age



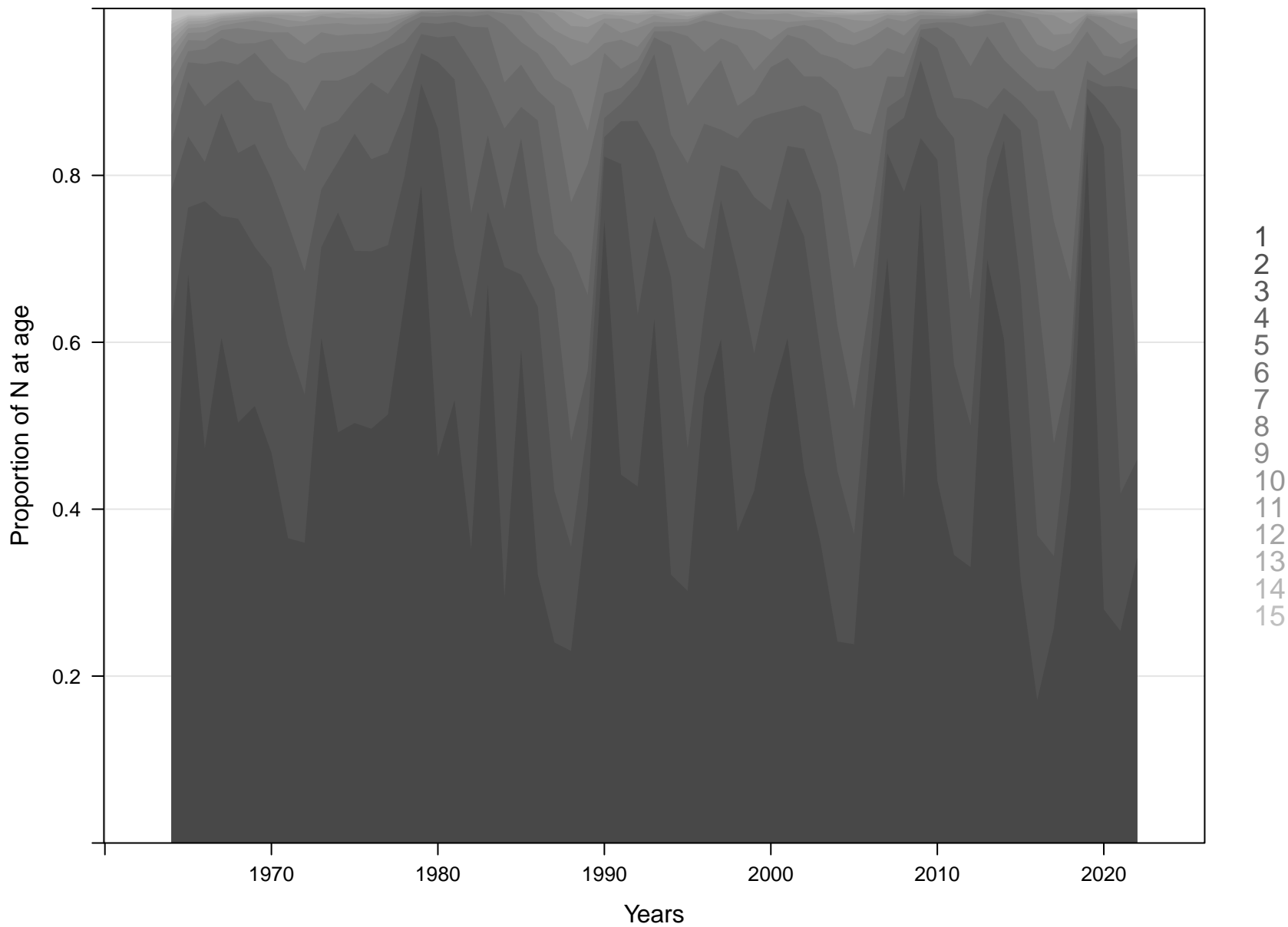
F proportion at age



N at age



Proportion at age

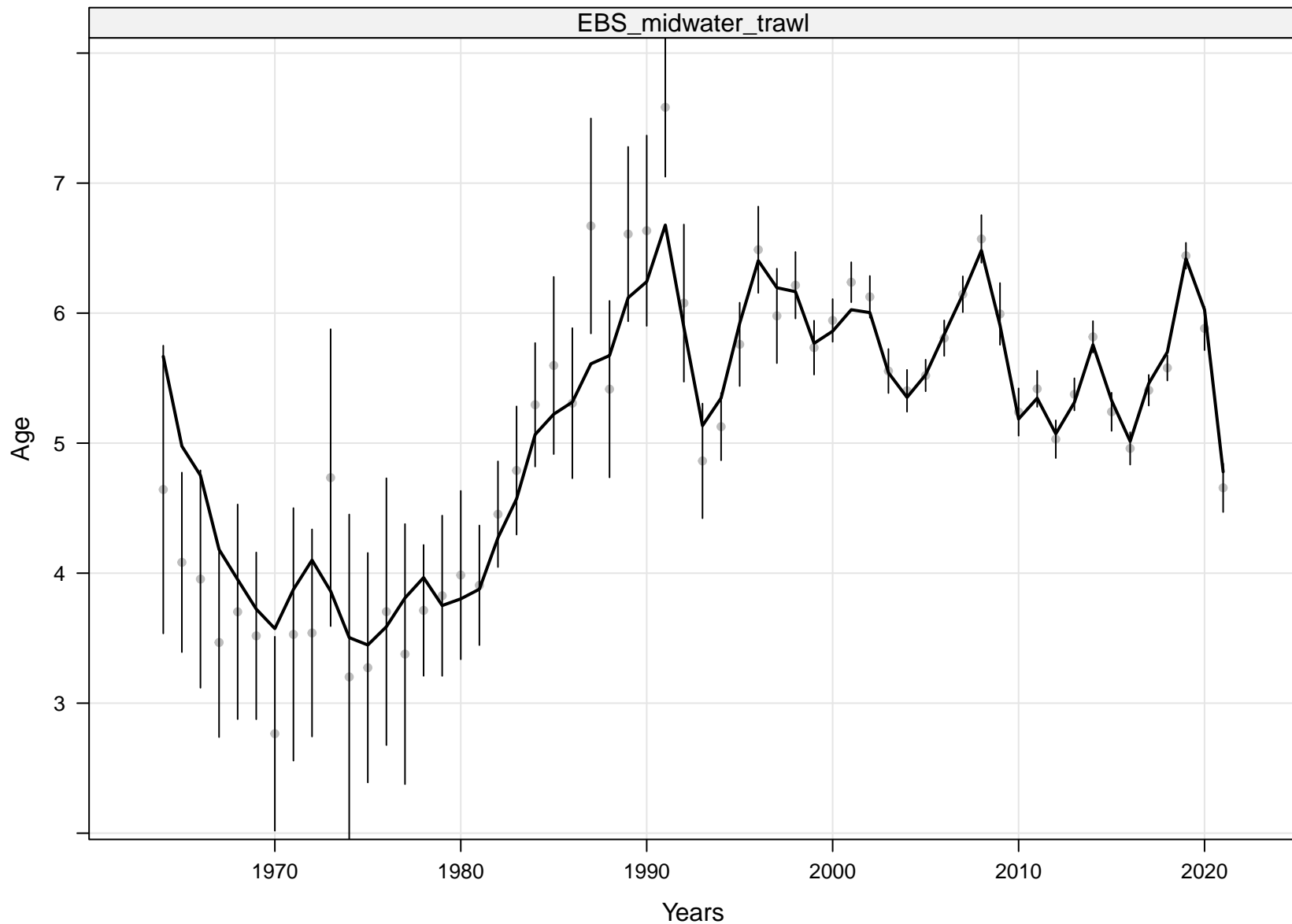


Fishery mean age

Observed



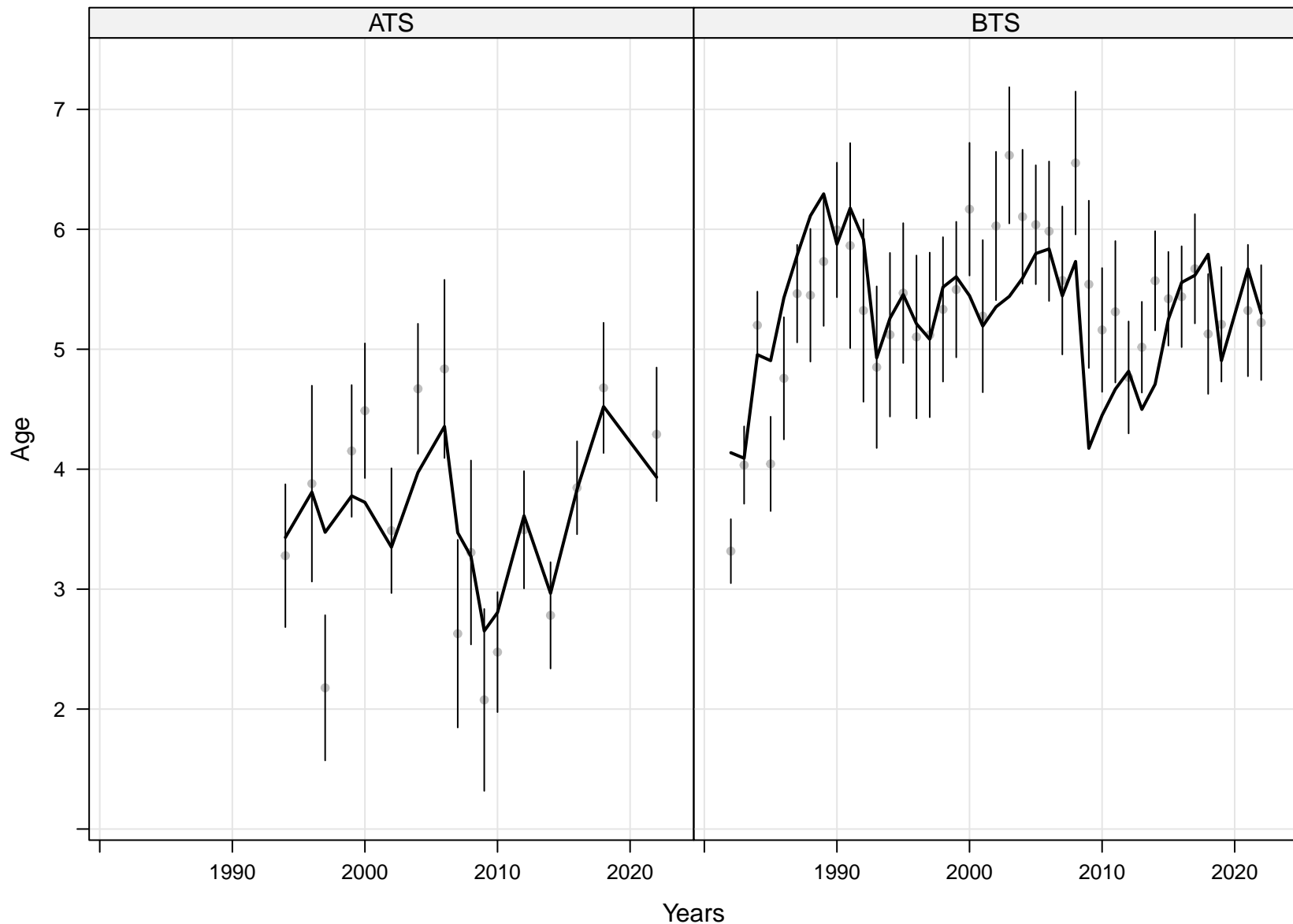
Modelled

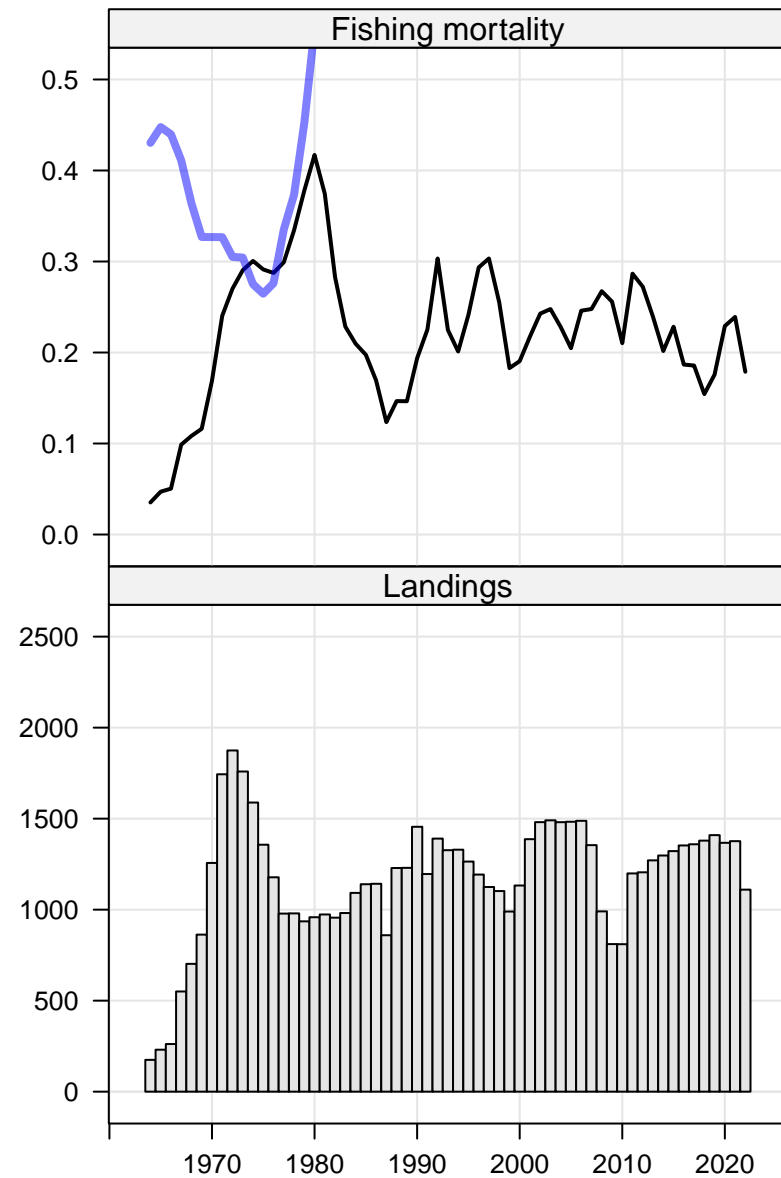
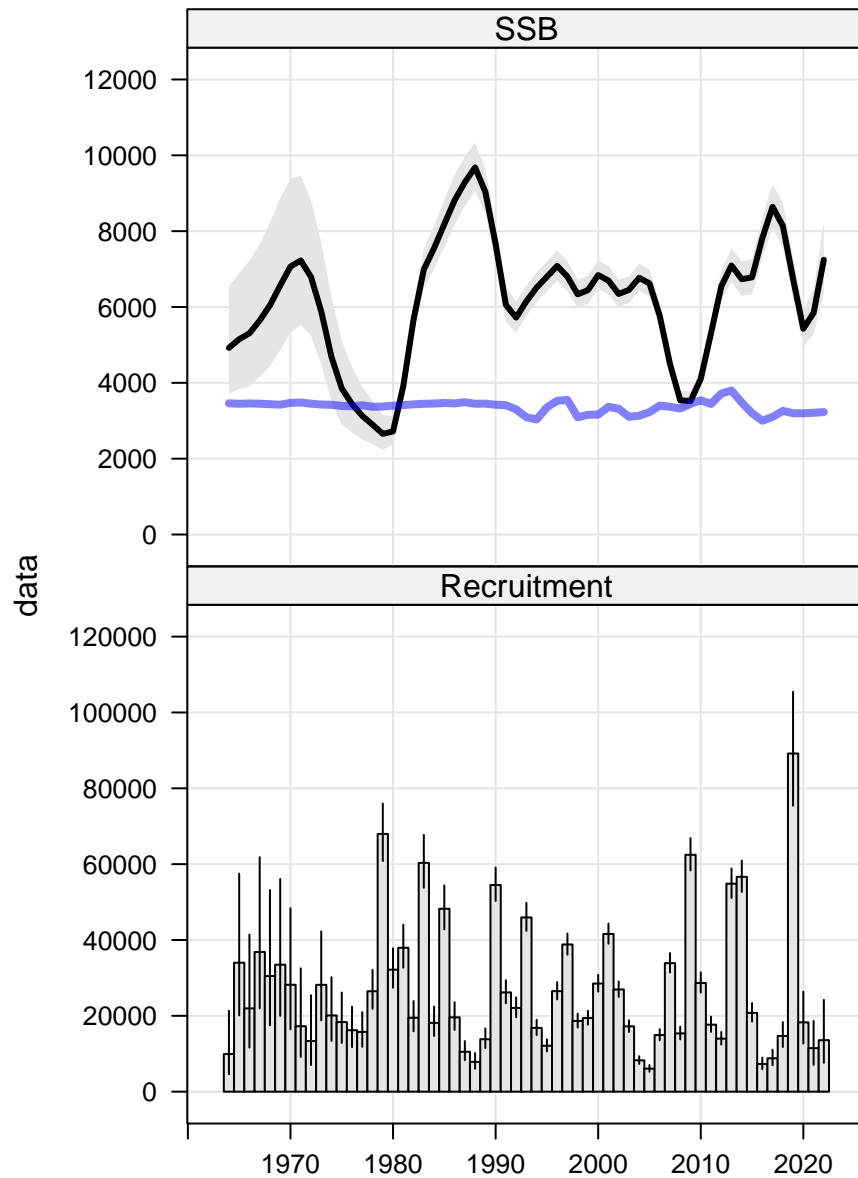


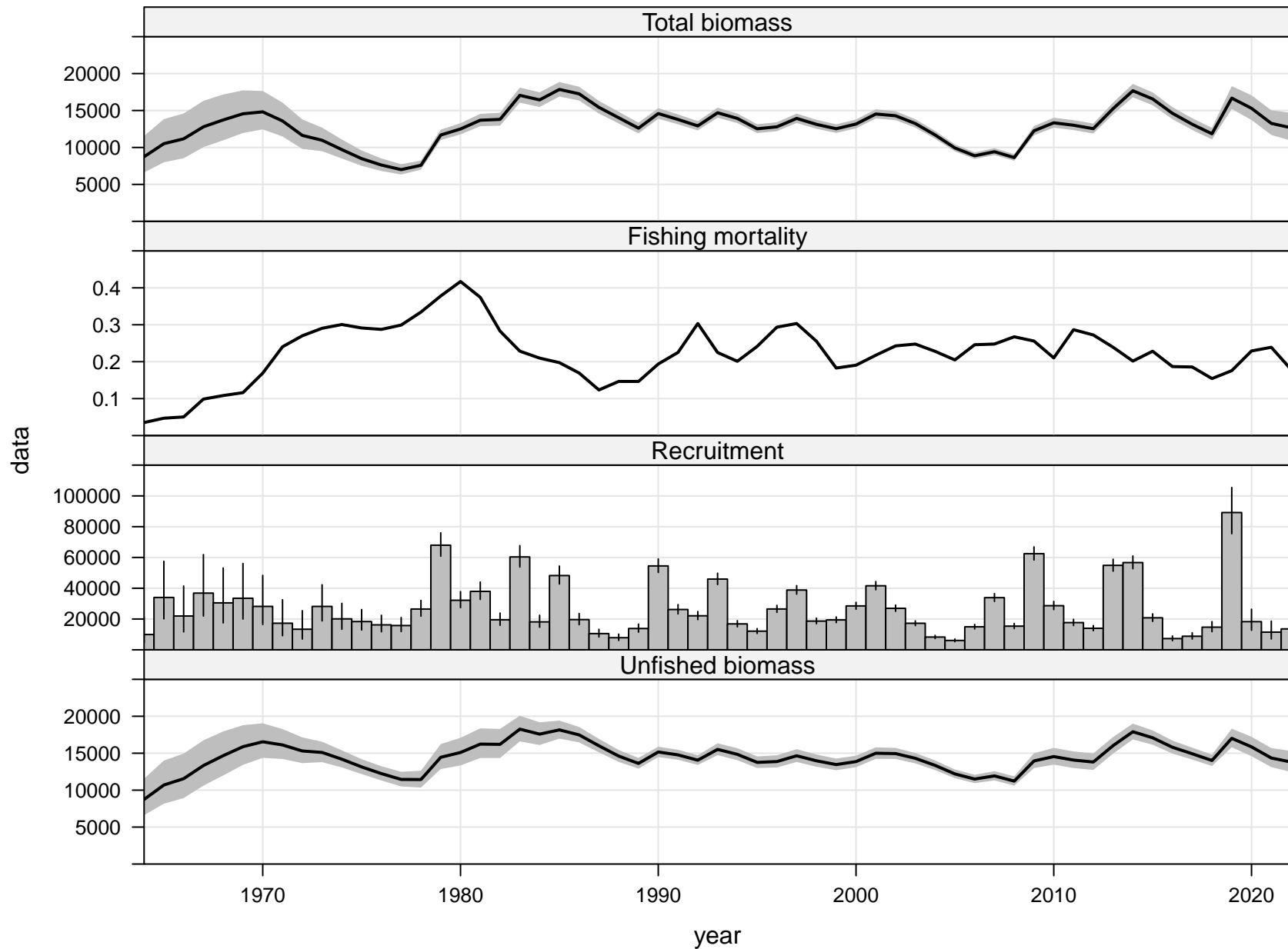
Survey mean age

Observed ●

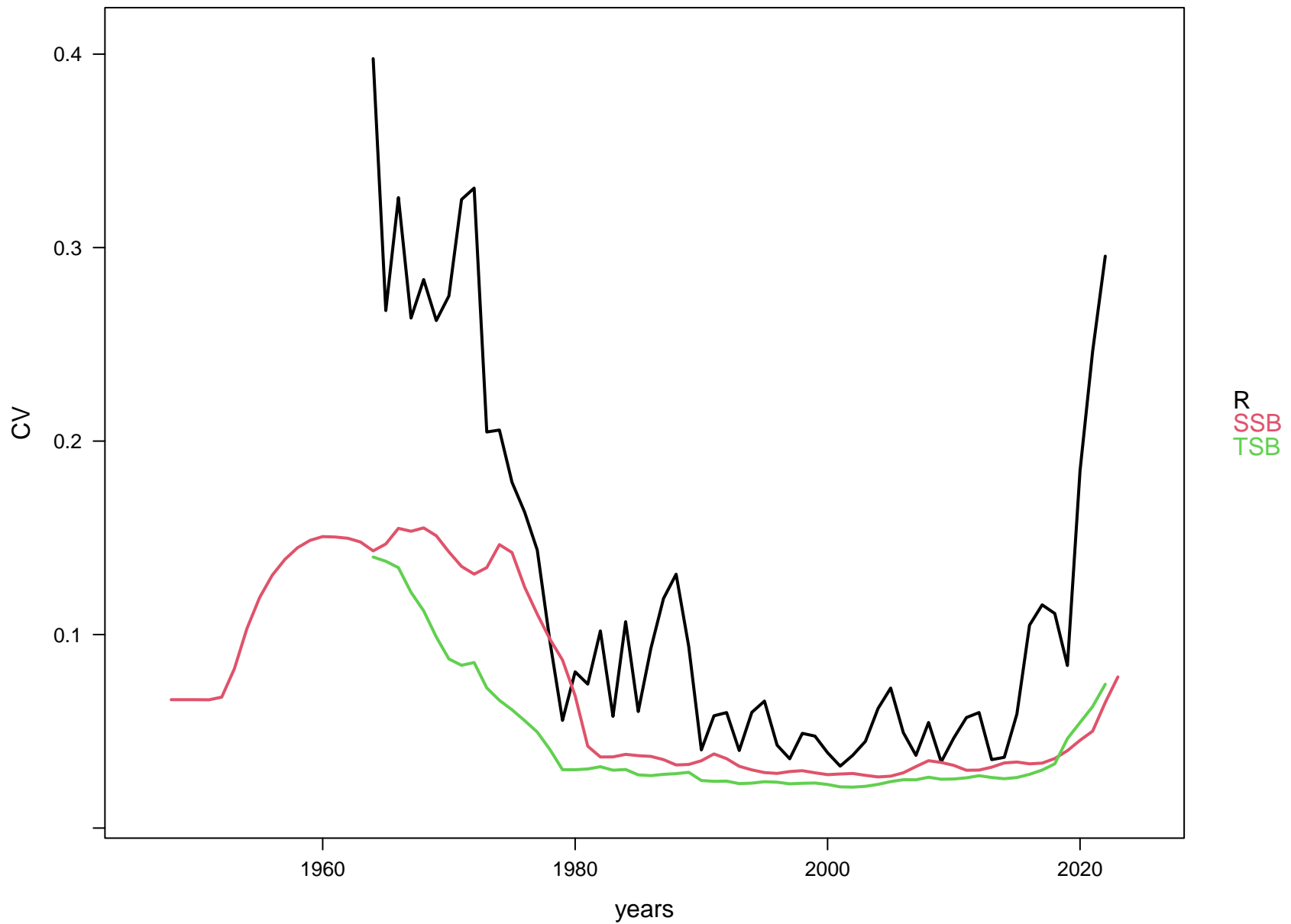
Modelled —







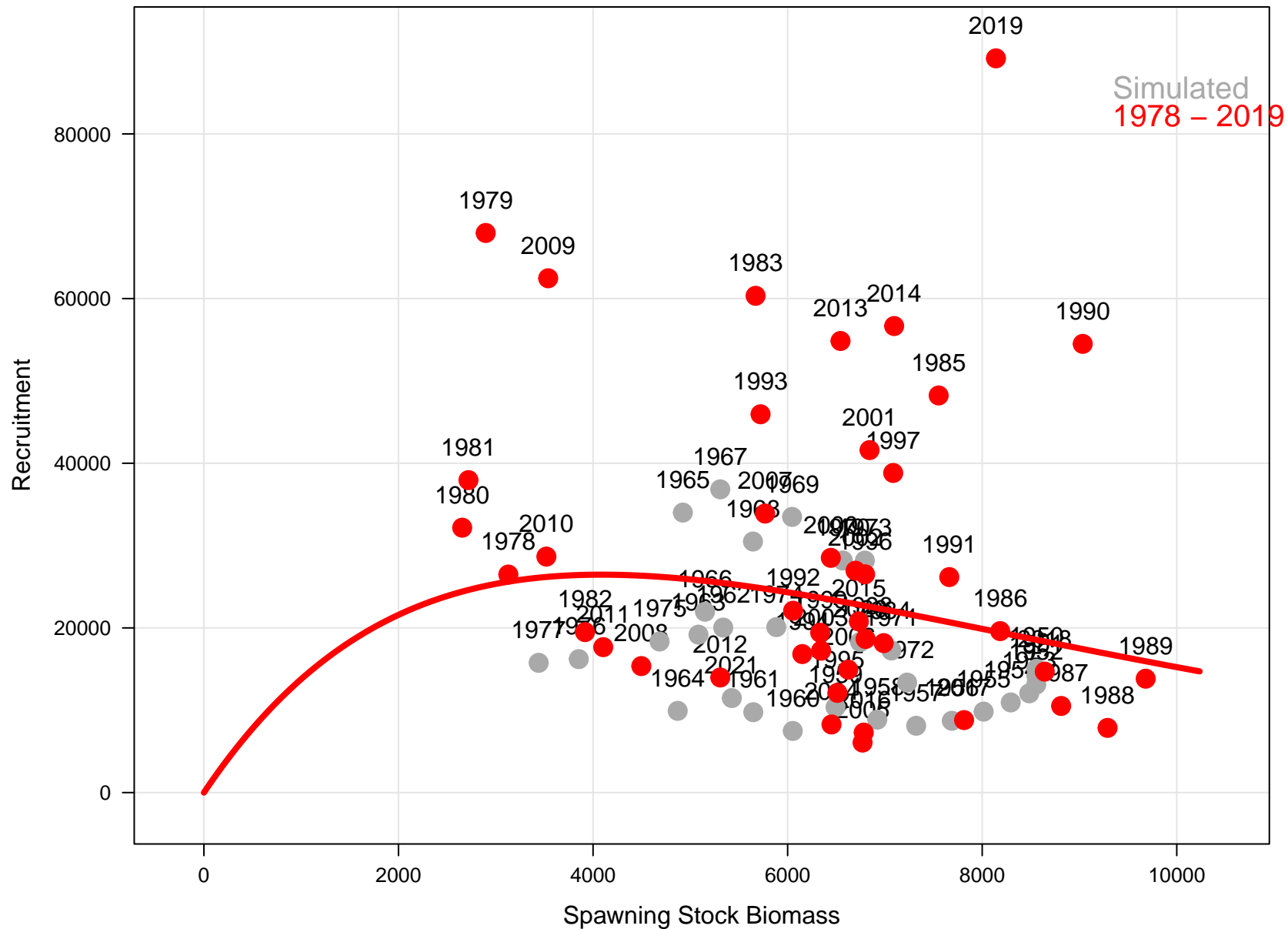
Uncertainty of key parameters



Mature – Immature fish
Mature Immature —

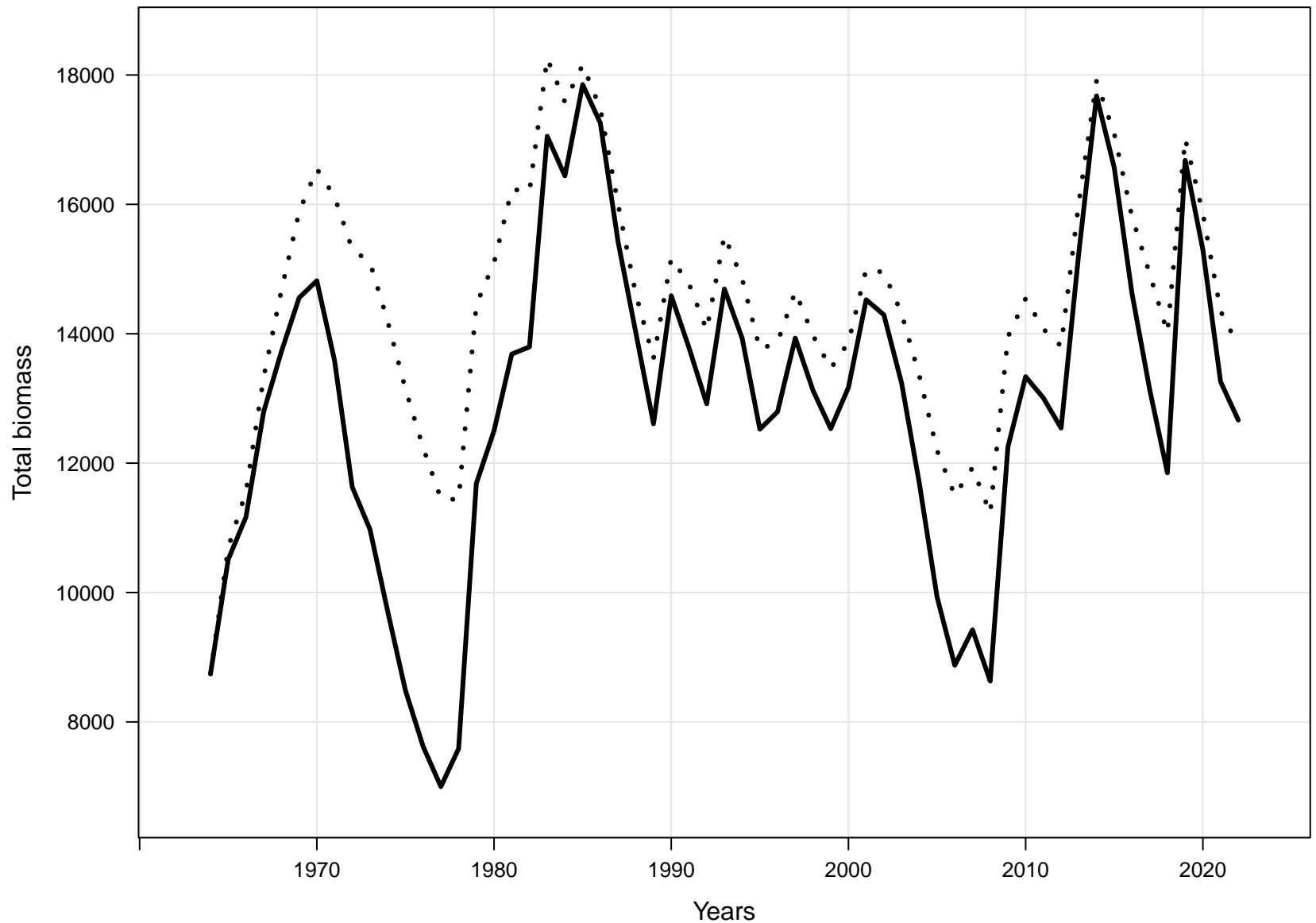


Stock Recruitment



Comparing fished with unfished biomass

Fished — Unfished



SSB prediction

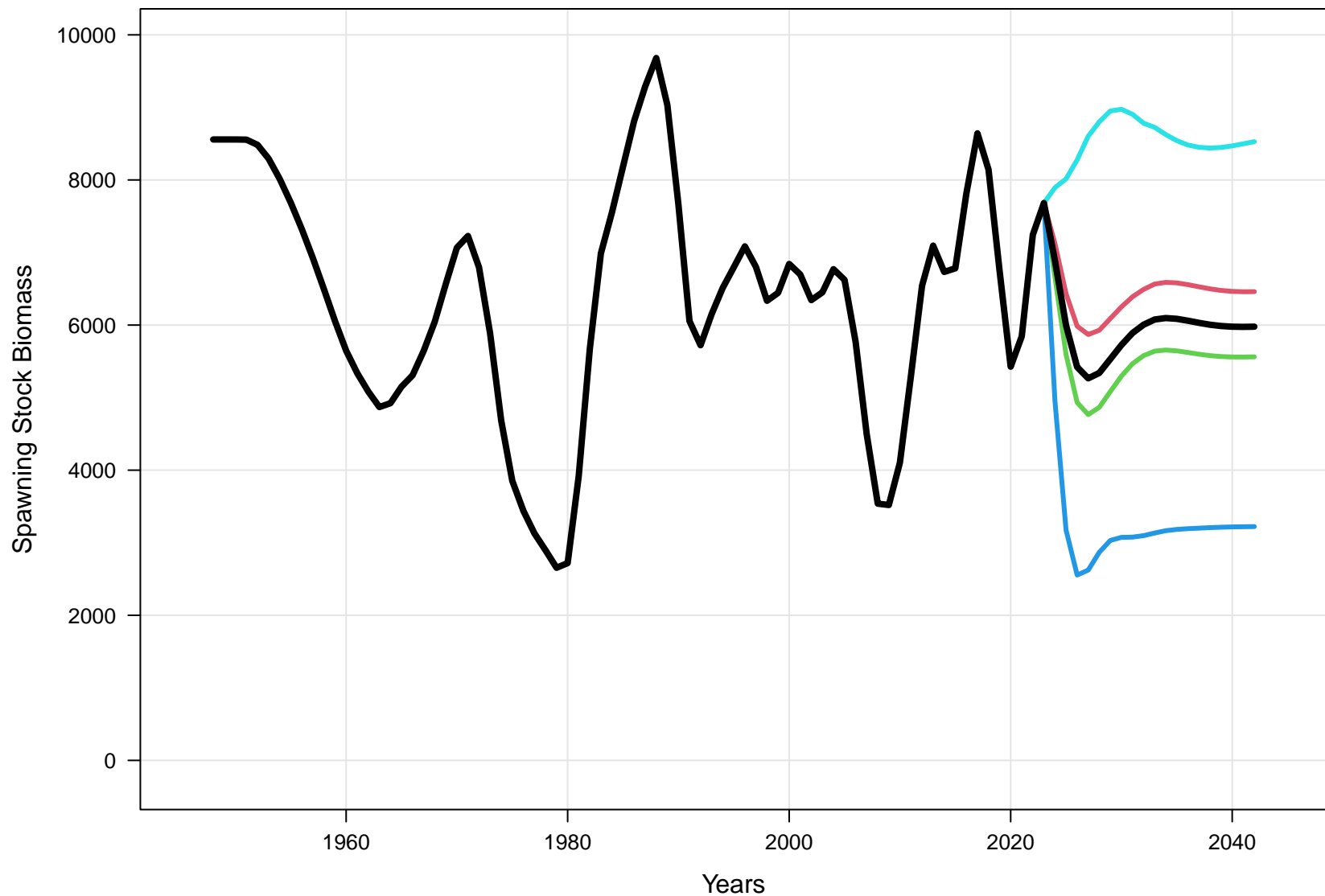
F2022 SQ

F2022 0.75x

F2022 1.25x

FMSY

F2022 0x



Catch prediction

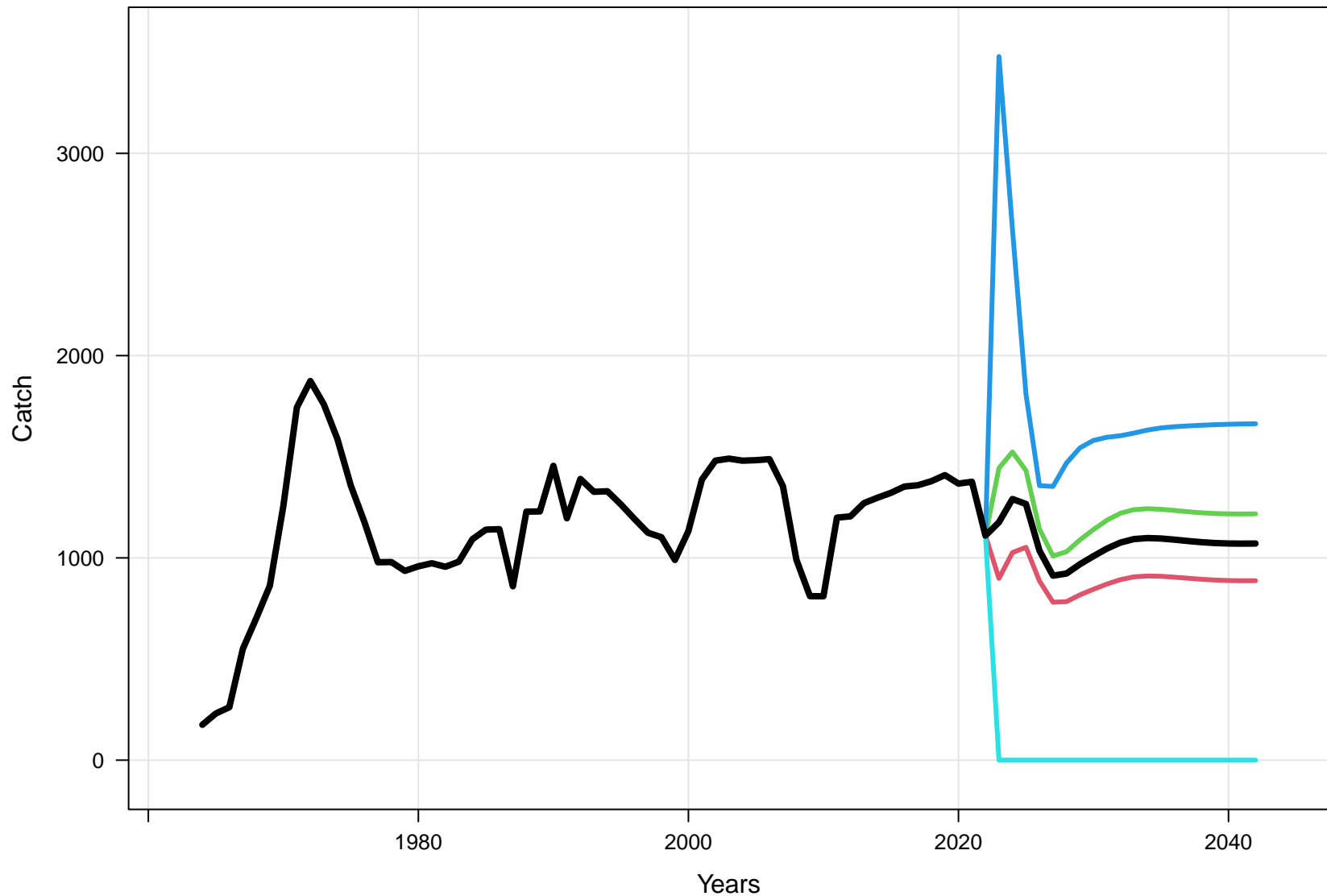
F2022 SQ

F2022 0.75x

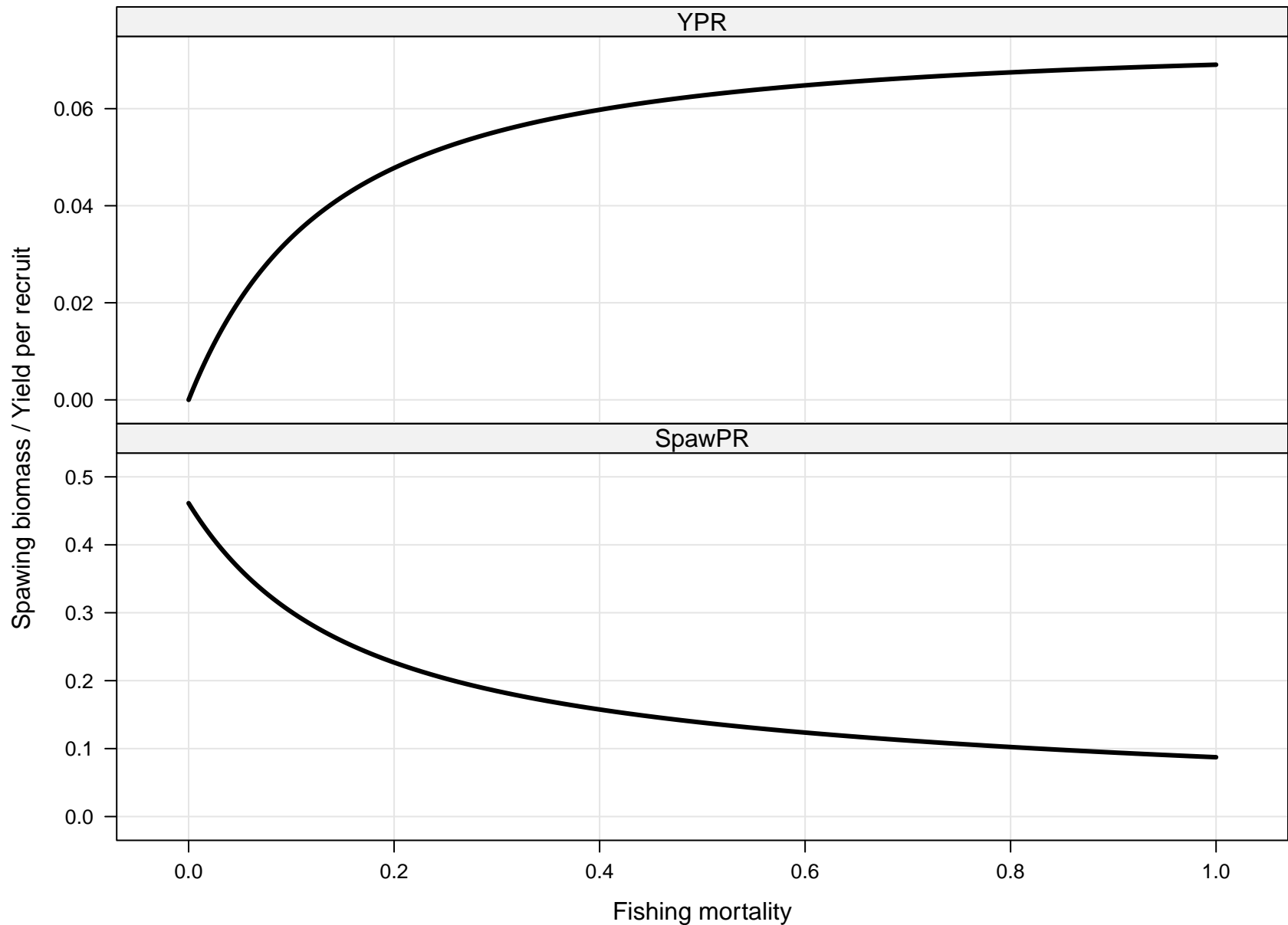
F2022 1.25x

FMSY

F2022 0x



Yield and spawning stock biomass per recruit



Kobe plot

