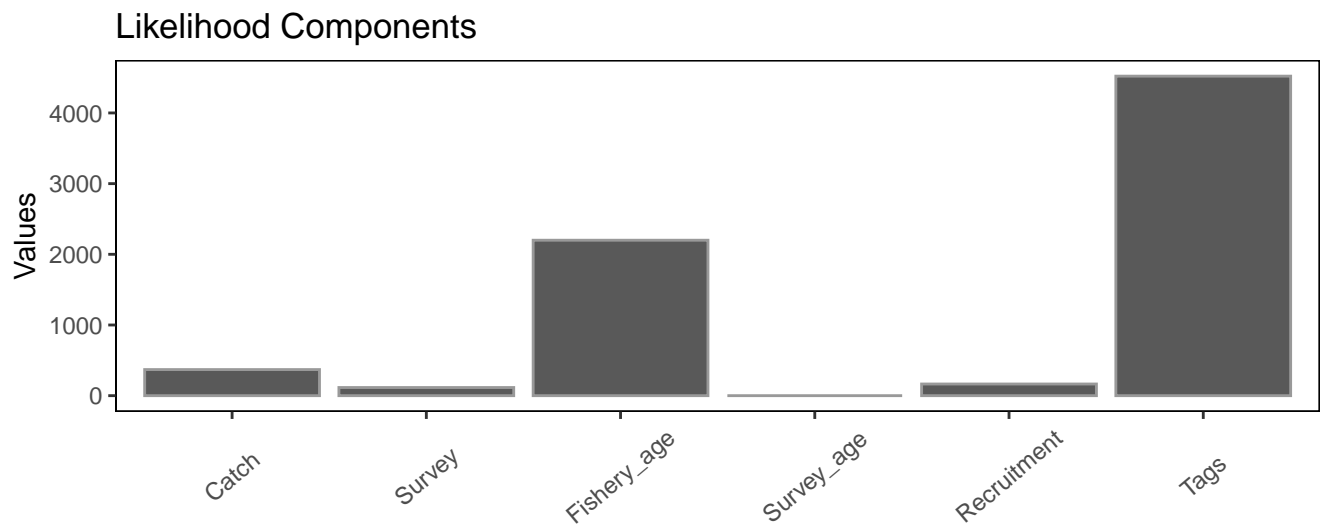


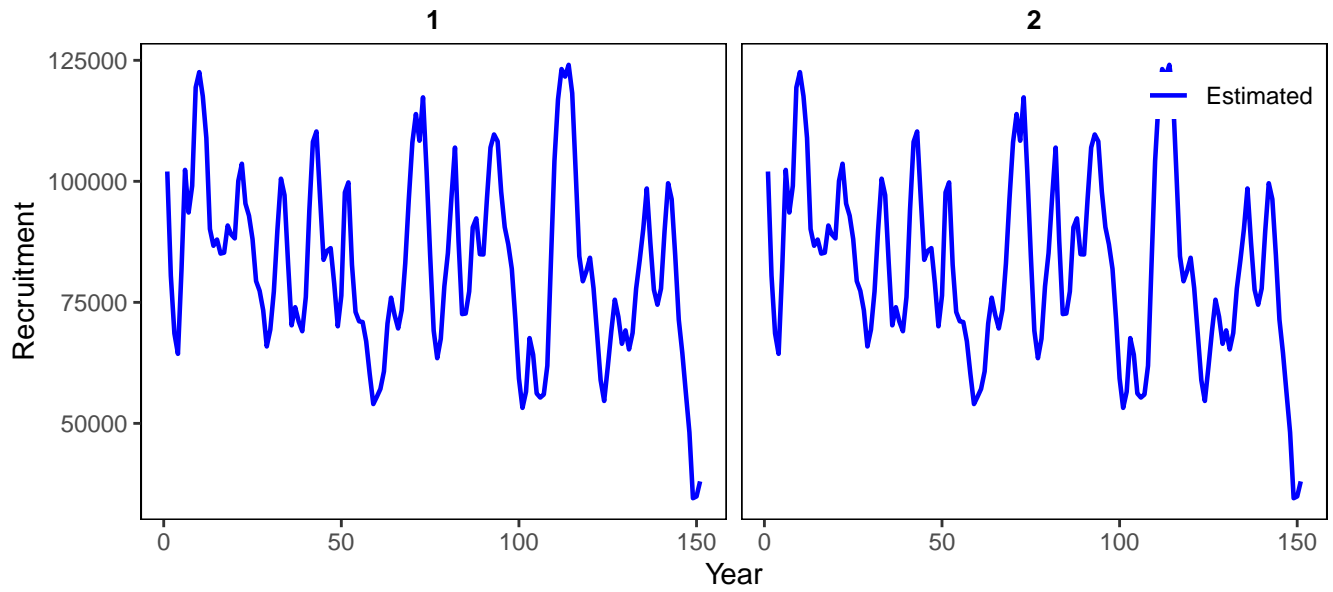
## *TIM – YFT Diagnostics*

Model did NOT Converge

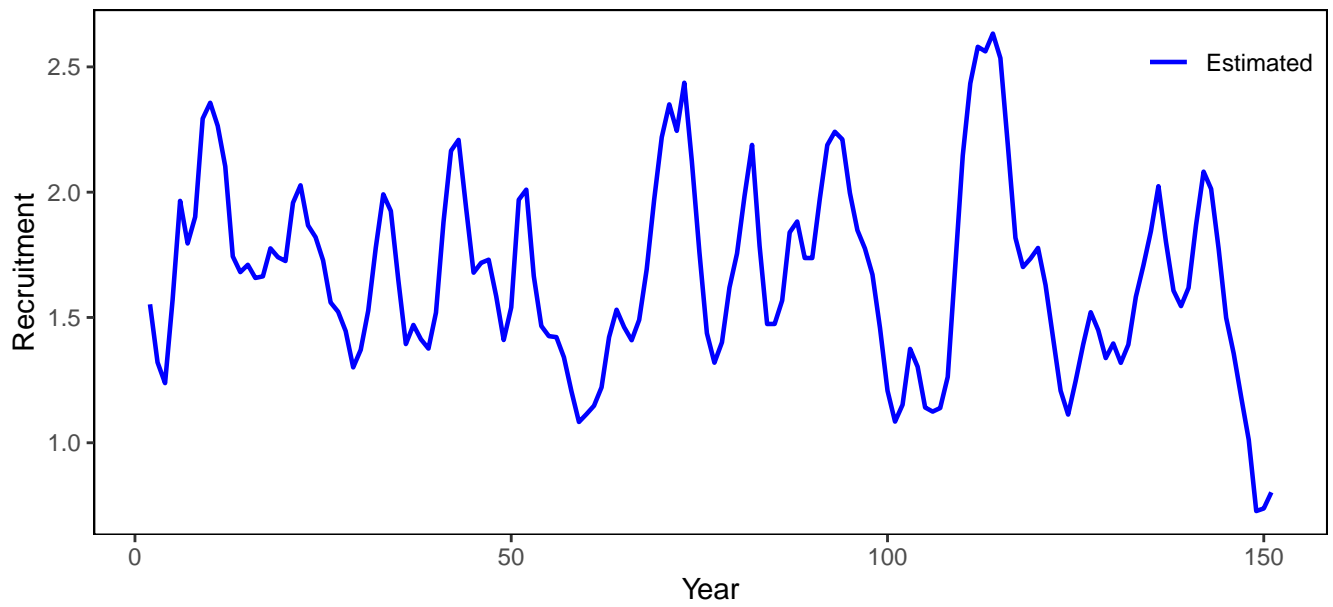
Maximum gradient component =  $5.13293624291762\text{e-}005$



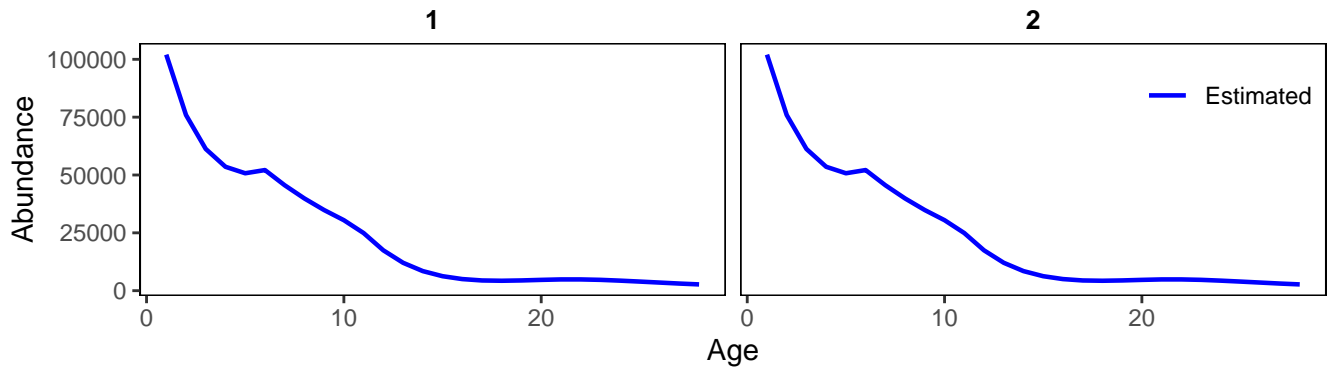
## Recruitment Total



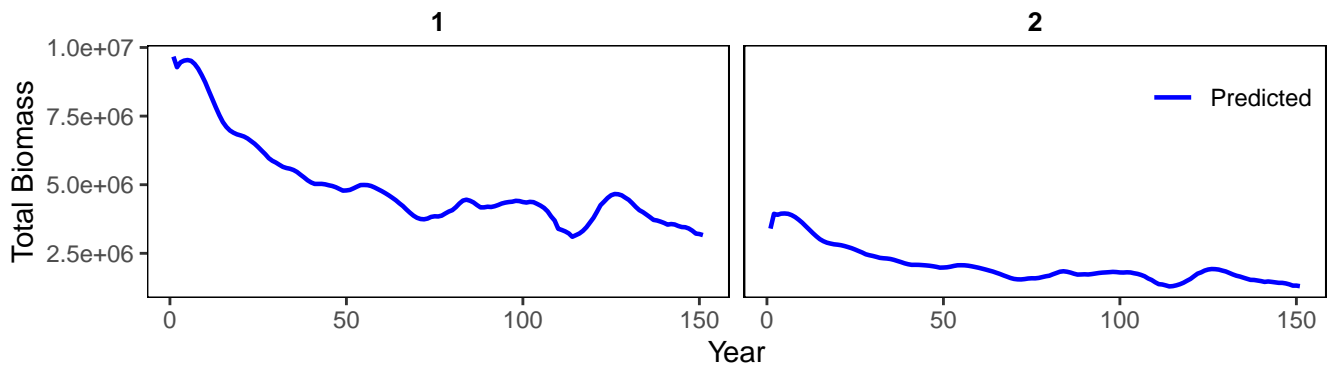
## Recruitment Deviations



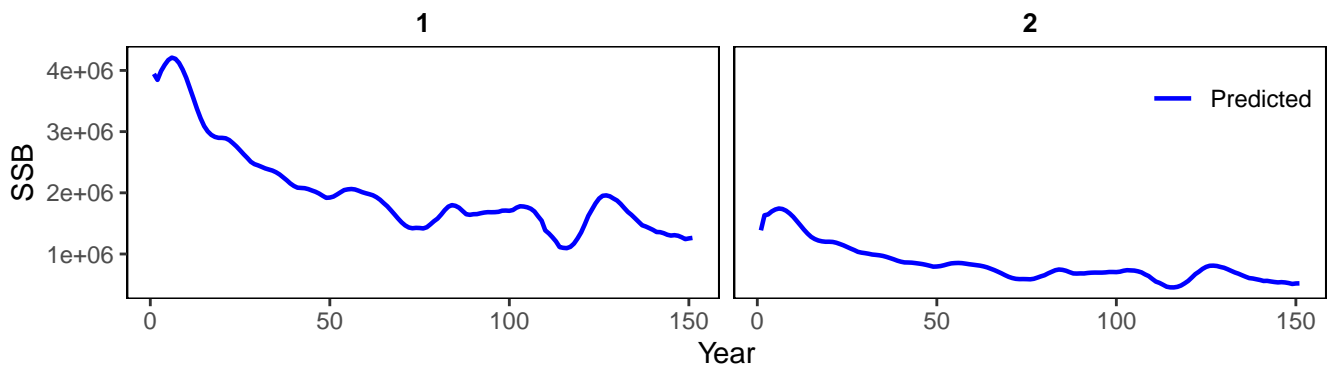
## Initial Abundance



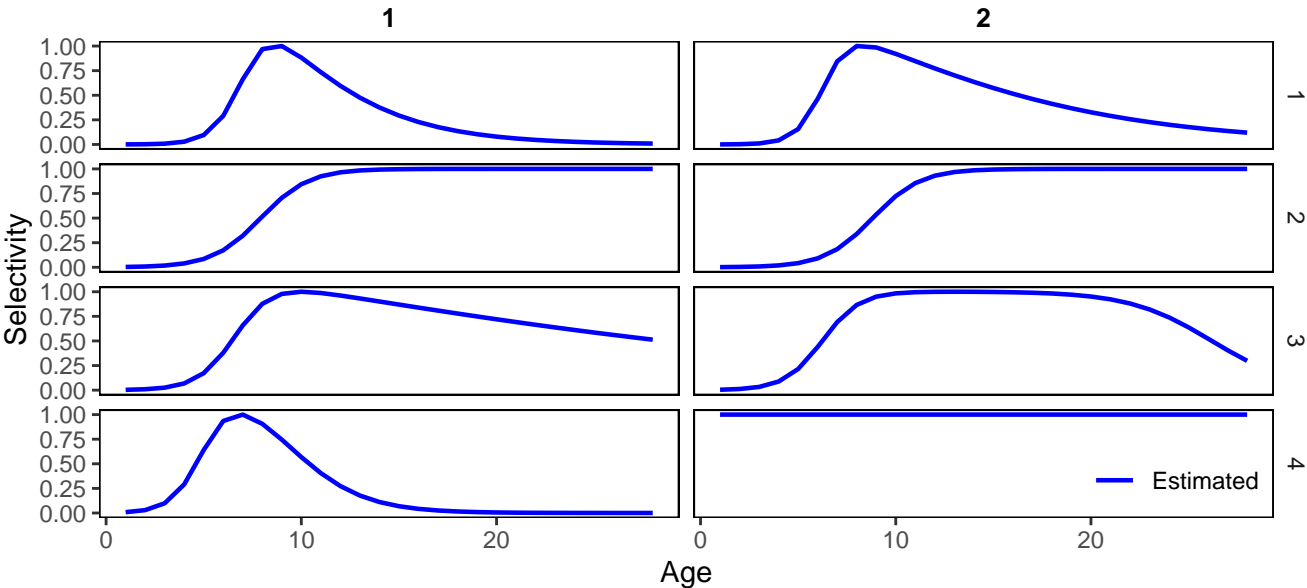
## Total Biomass



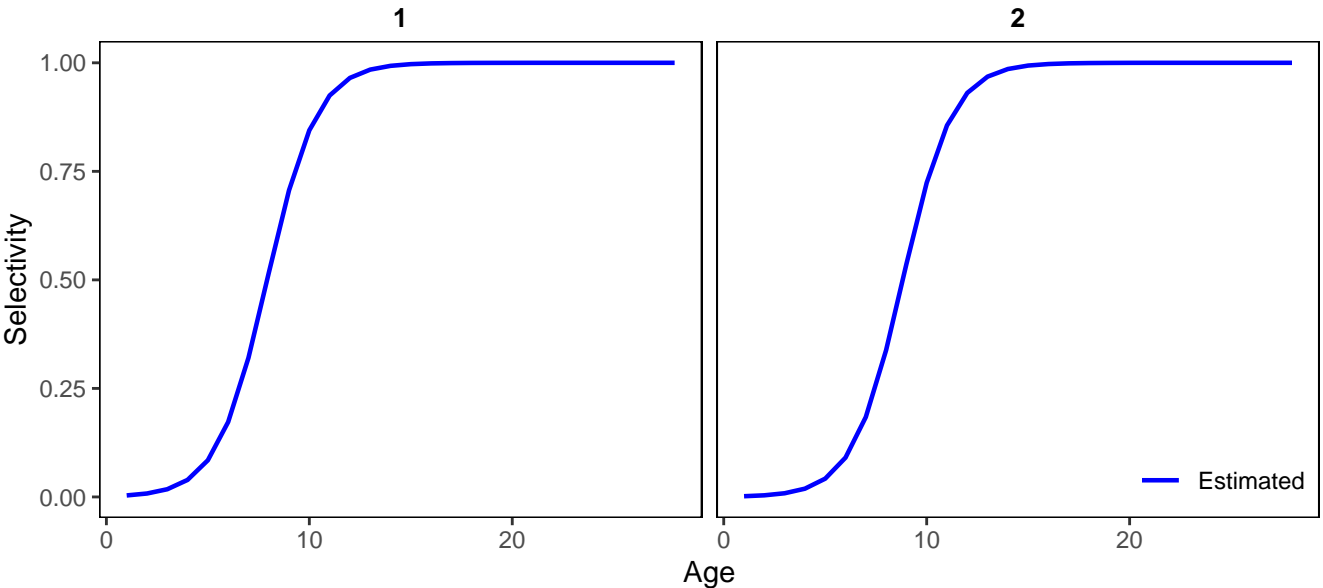
## SSB



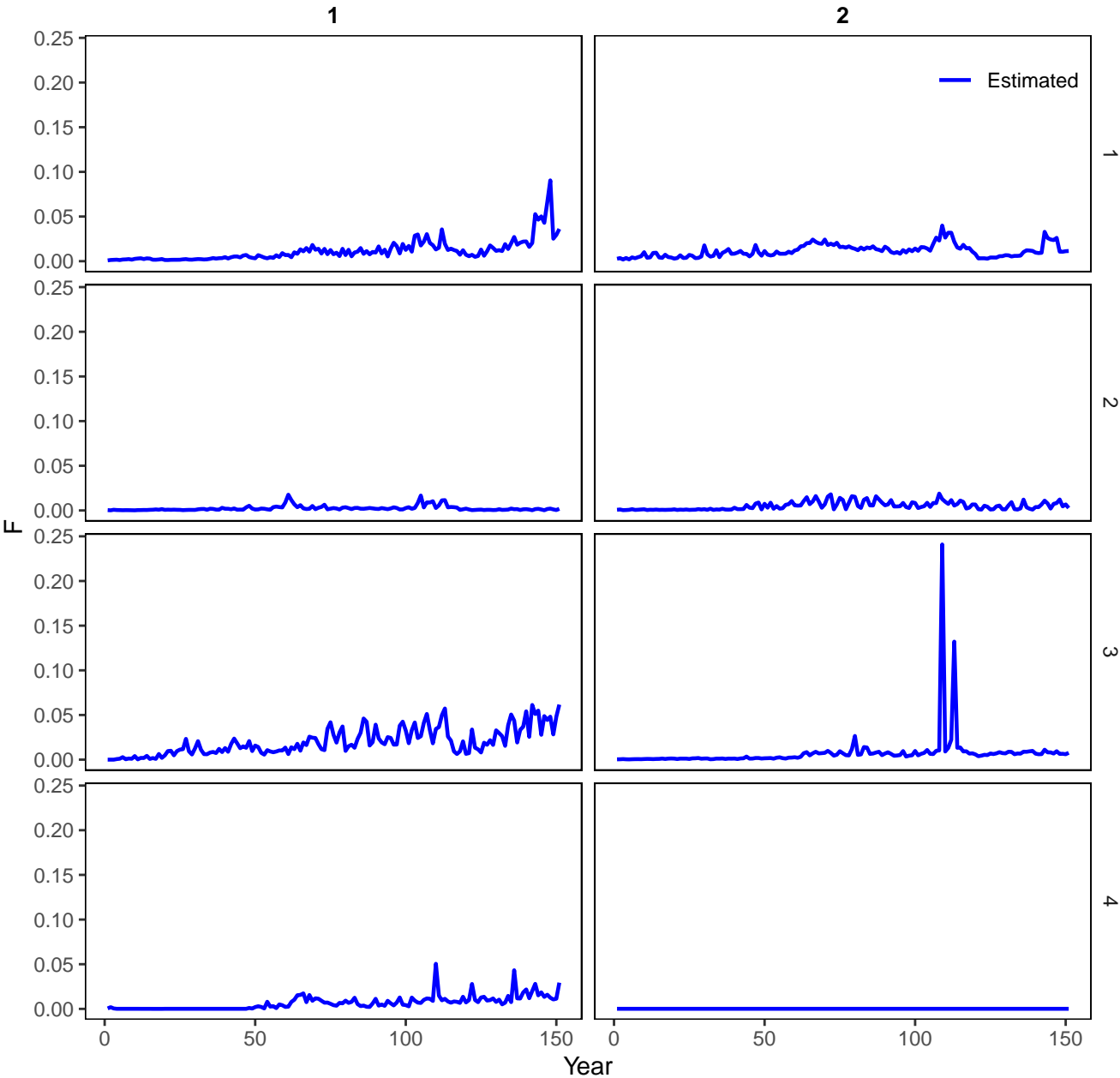
Fishery Selectivity



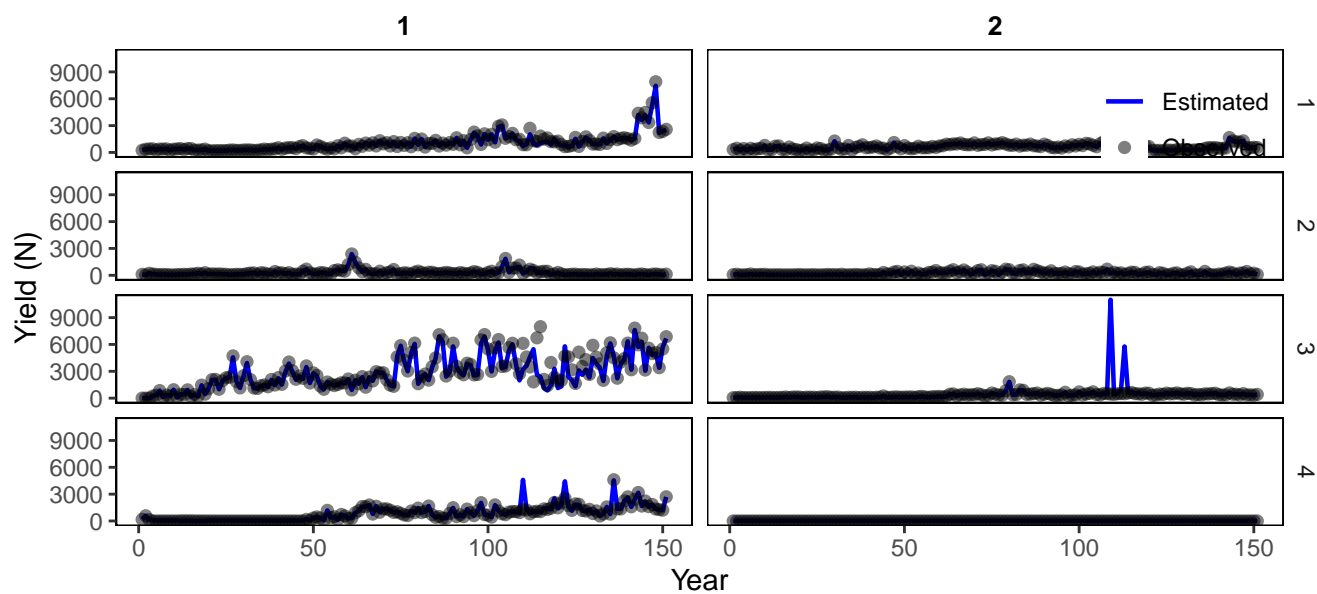
Survey Selectivity



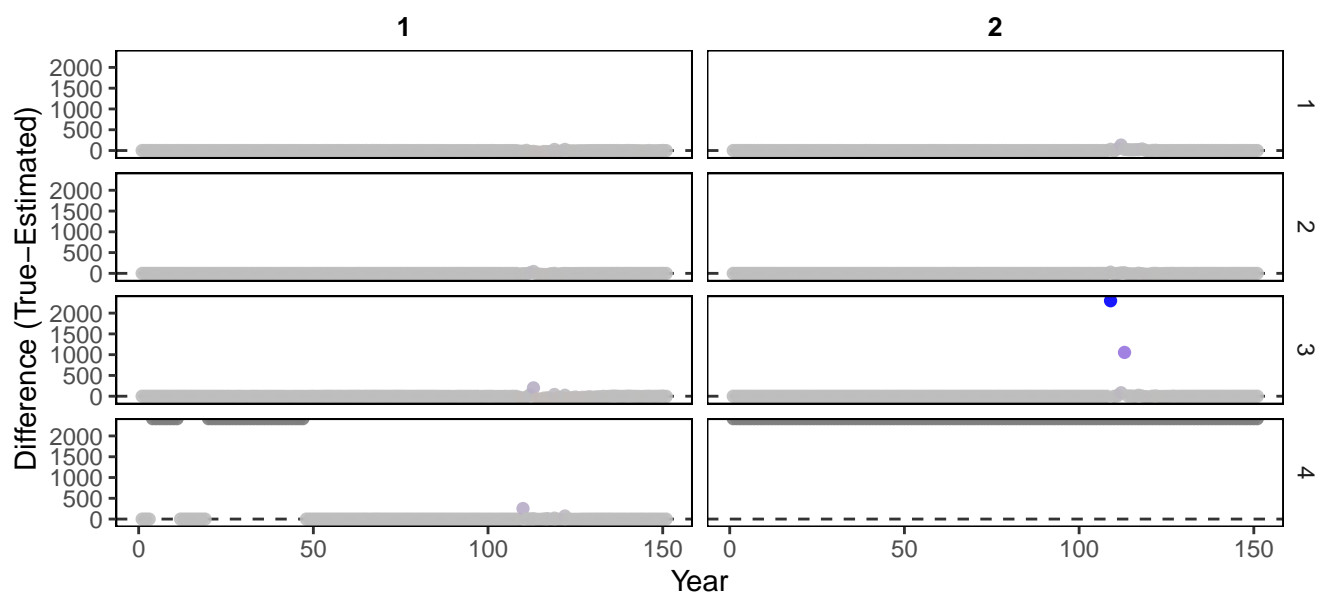
Fully selected F by Year



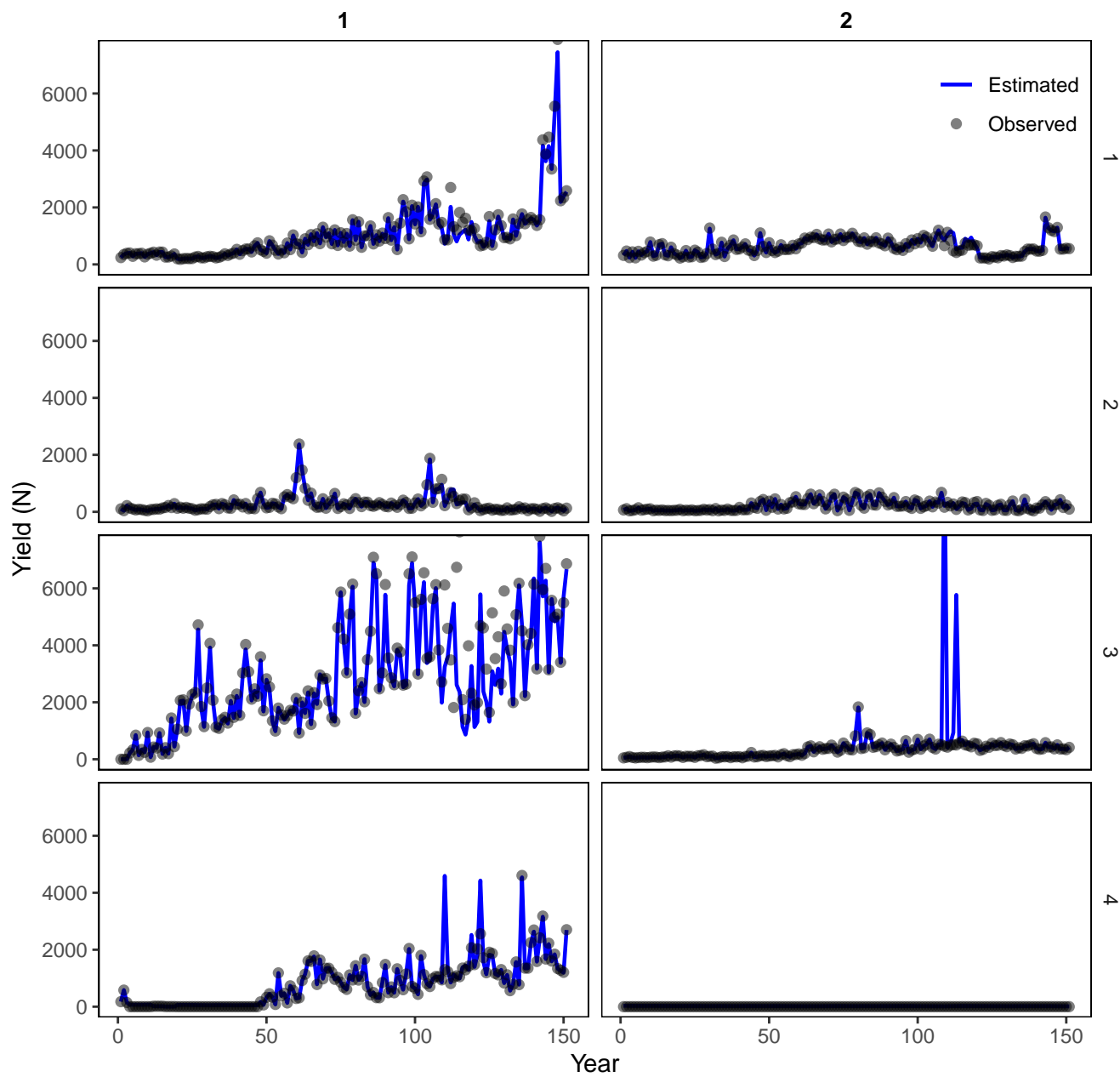
## Yield



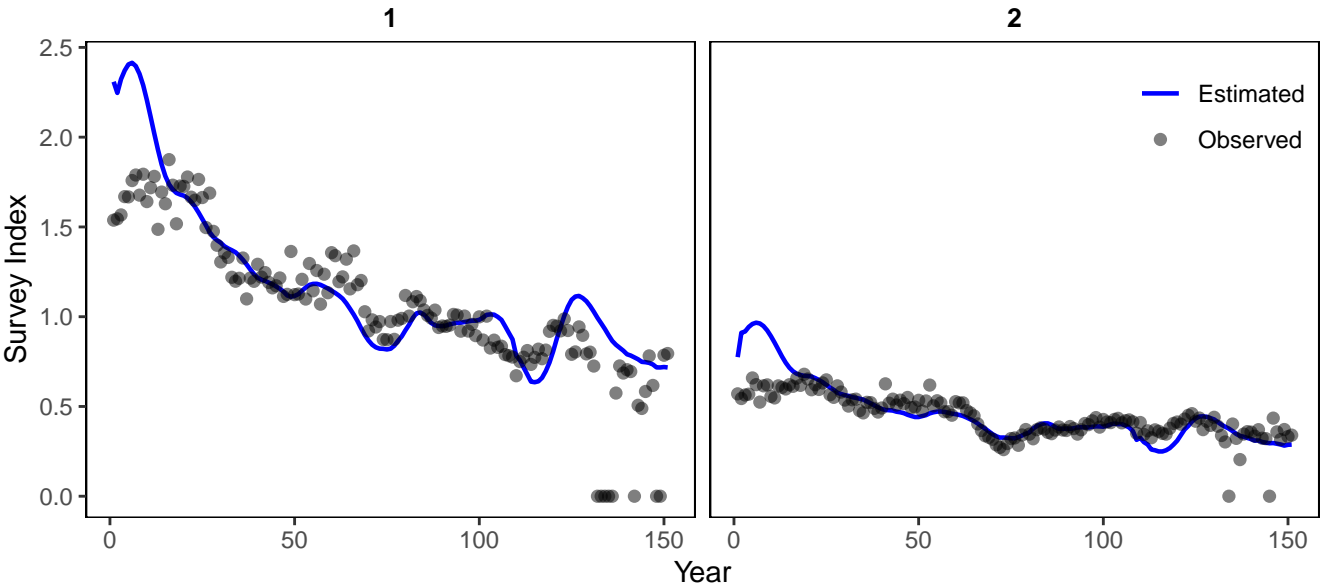
## Yield Residuals



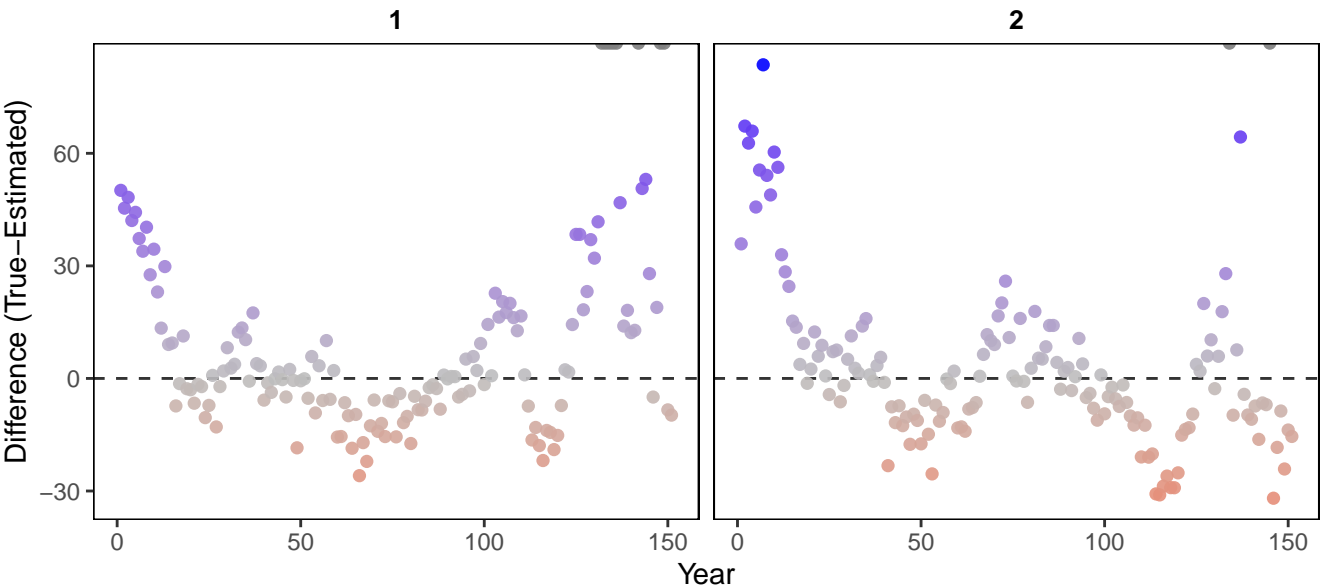
# Yield Zoomed In



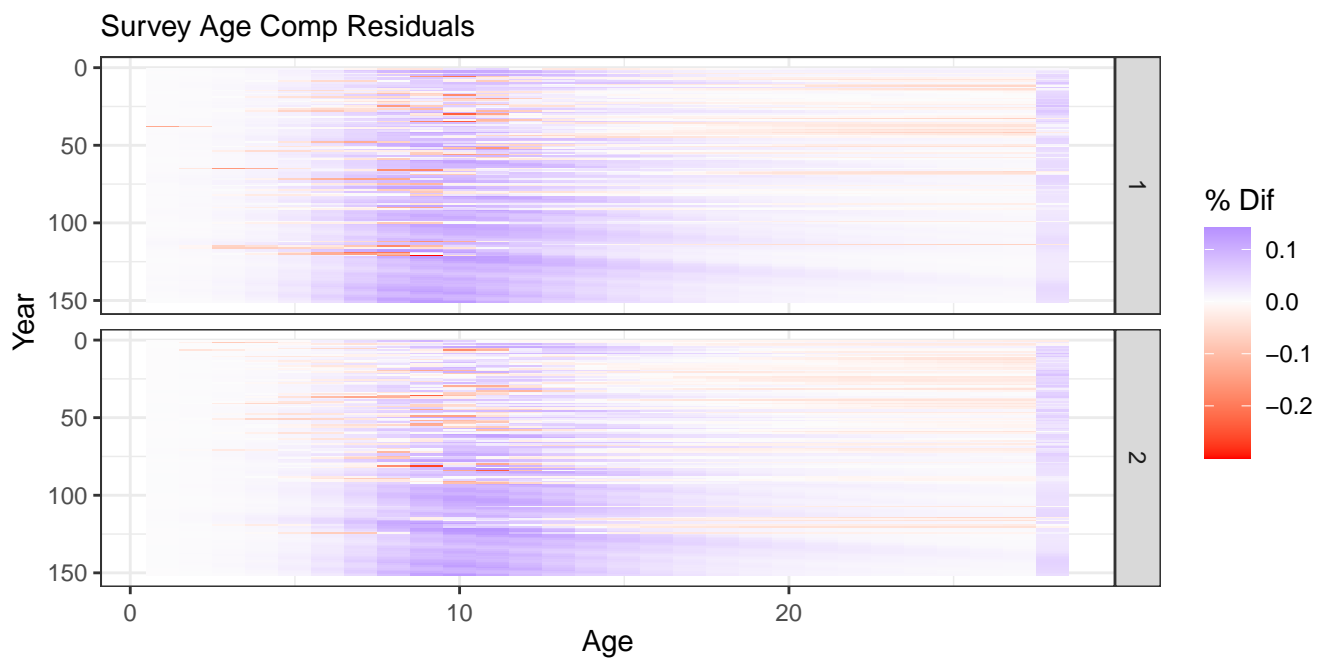
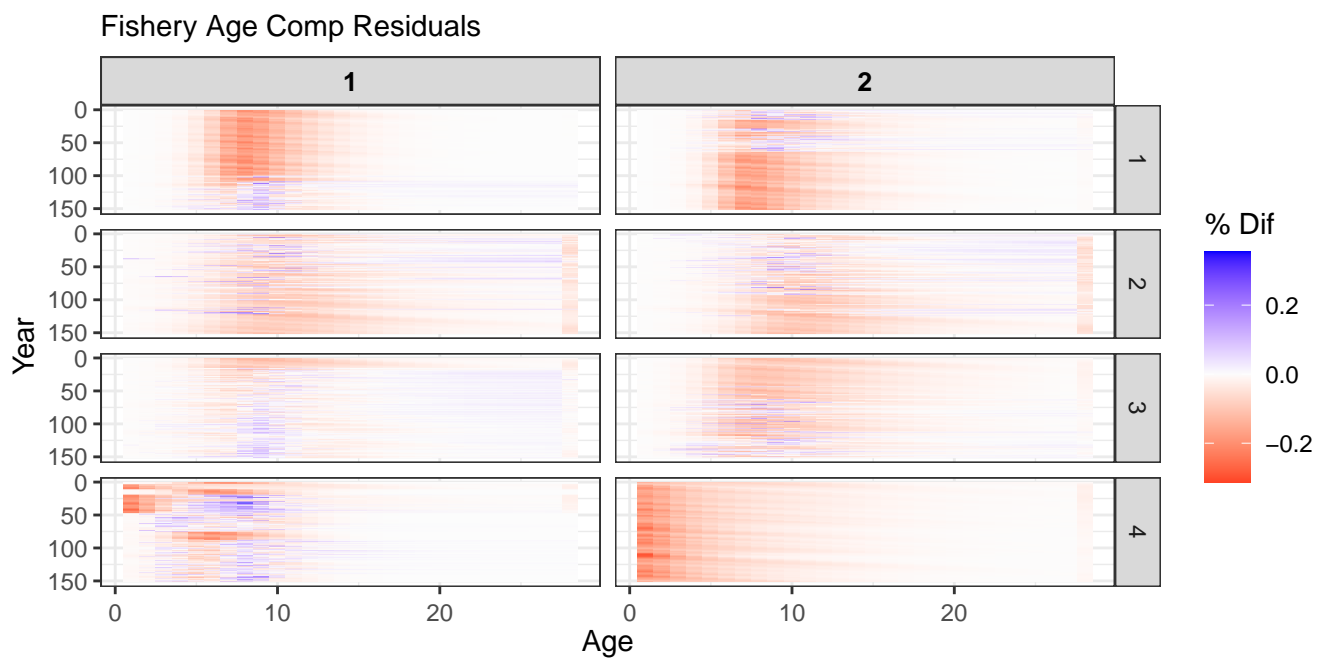
Survey Biomass



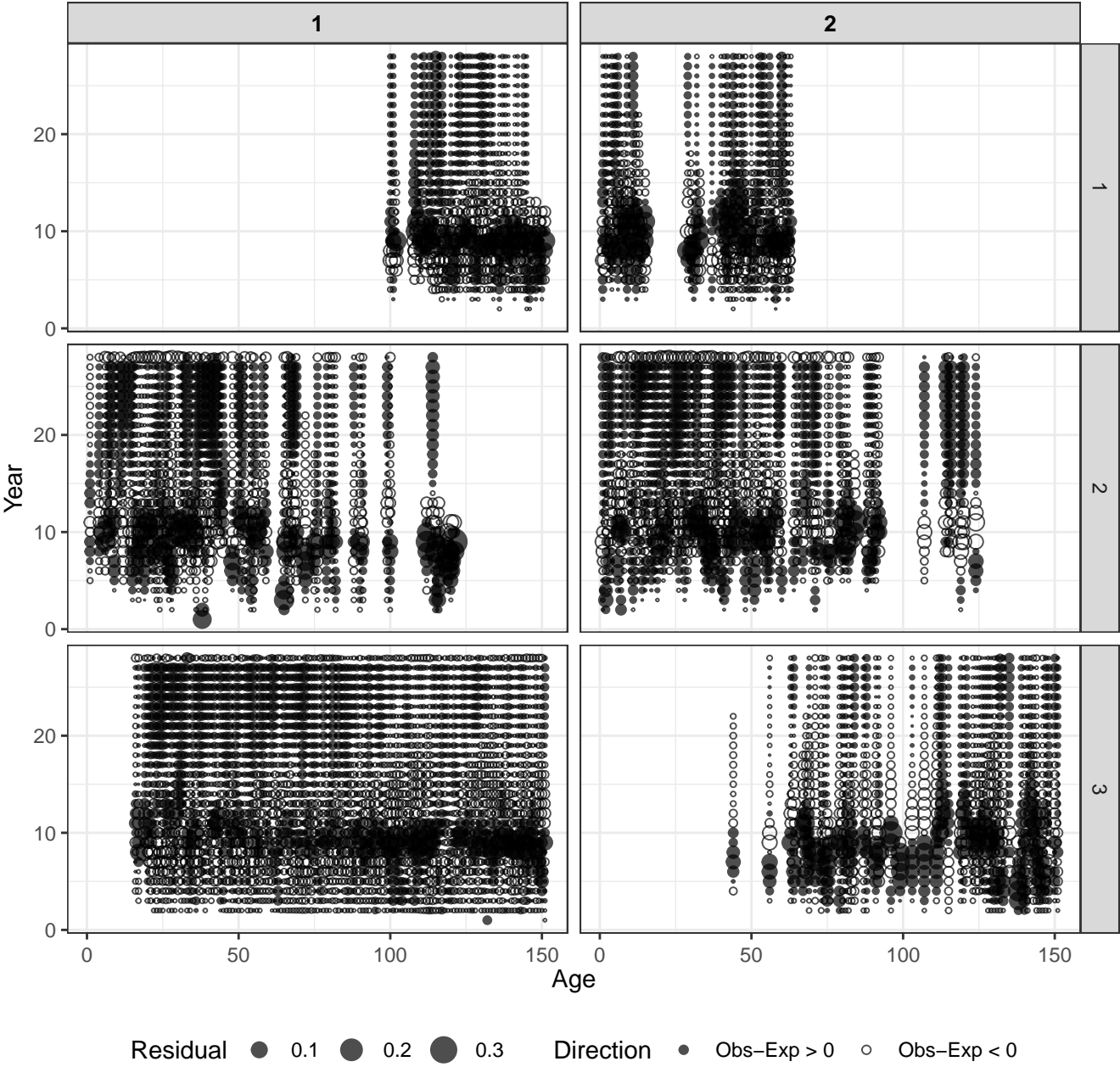
Survey Index Residuals



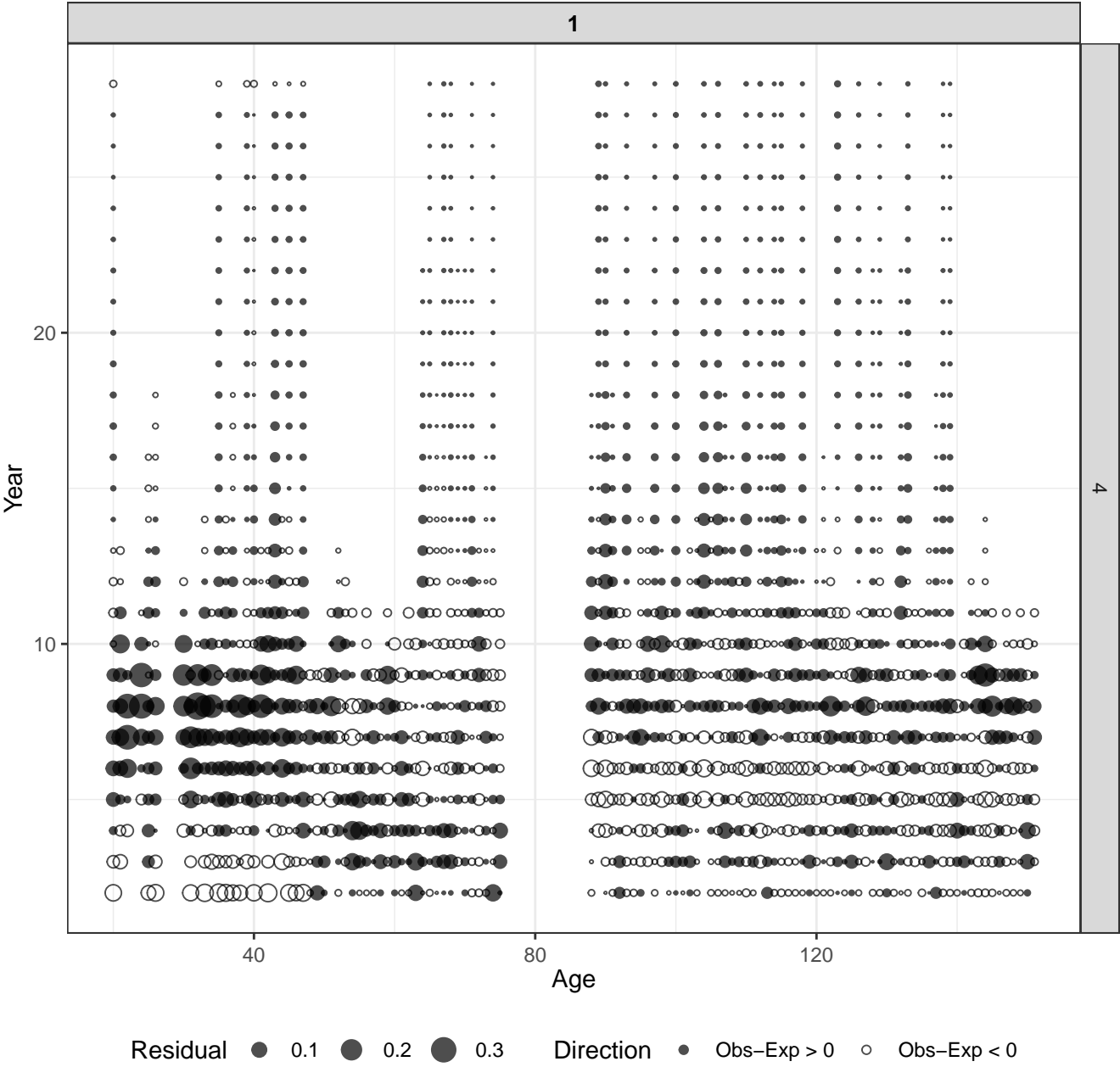




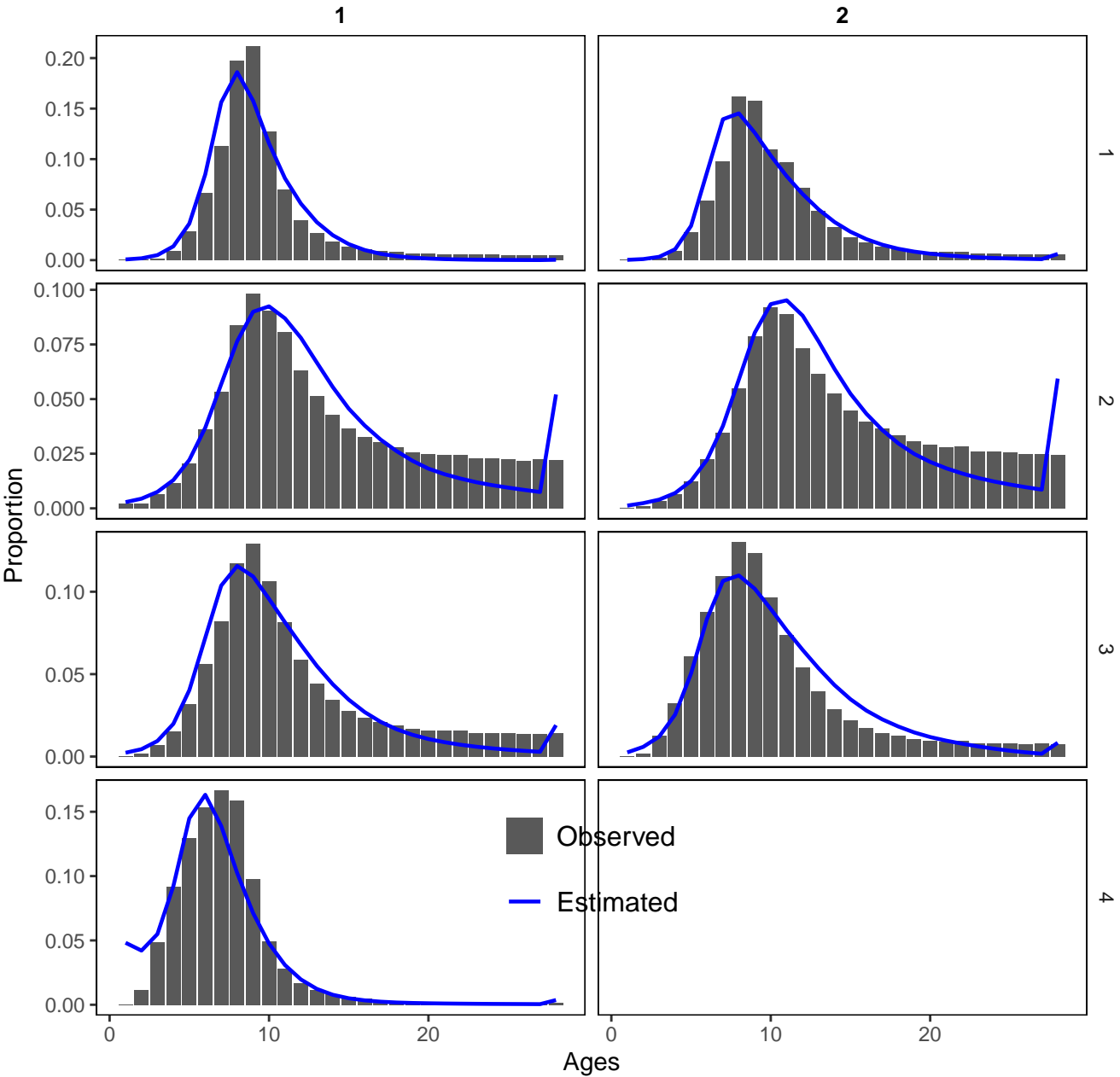
Fishery Age Comp Residuals Fleets



Fishery Age Comp Residuals Fleets



Catch comps aggregated across years with observed data



Years with comp data by fleet

