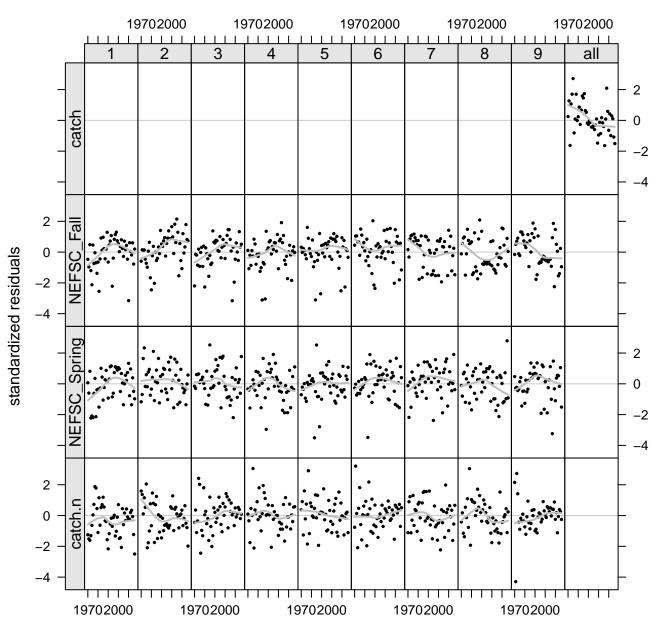
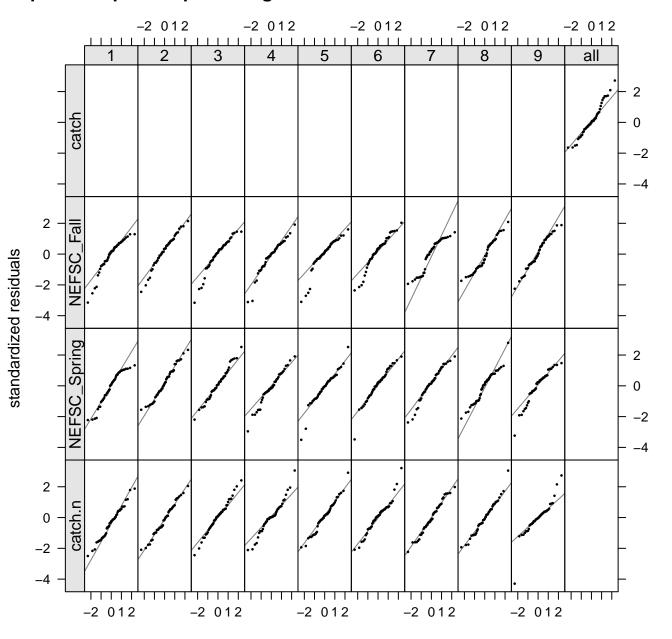
### log residuals of catch and abundance indices by age



## quantile-quantile plot of log residuals of catch and abundance indices

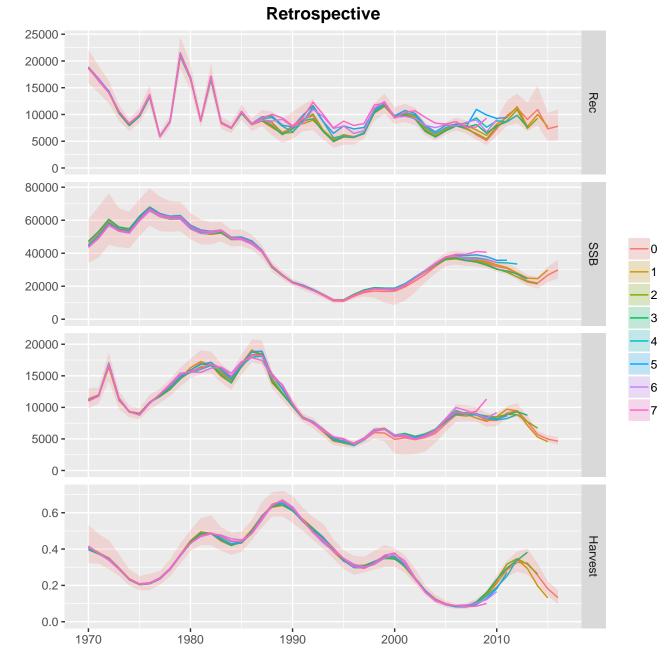


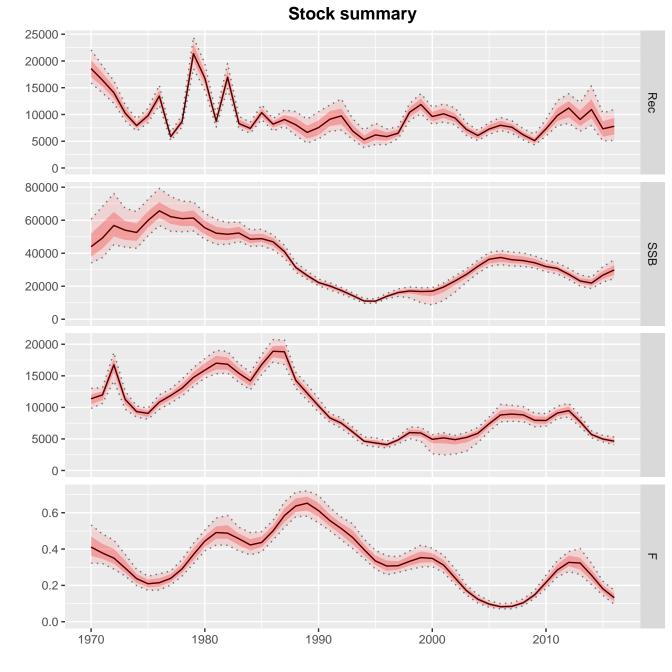
#### fitted and observed catch-at-age obs 2 4 6 8 2 4 6 8 numbers

age

#### NEFSC\_Spring: fitted and observed index-at-age obs fit 2 4 6 8 numbers

#### NEFSC\_Fall: fitted and observed index-at-age obs fit 2 4 6 8 2 4 6 8 numbers





# **Abundance indices predictions**

