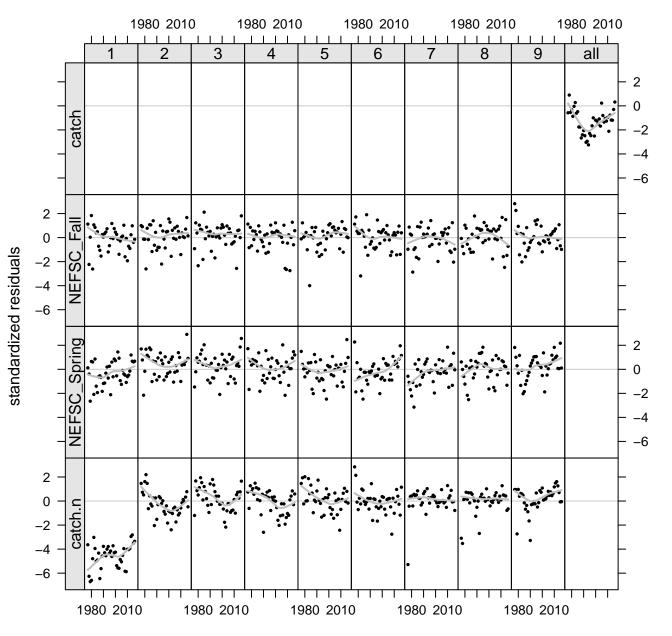
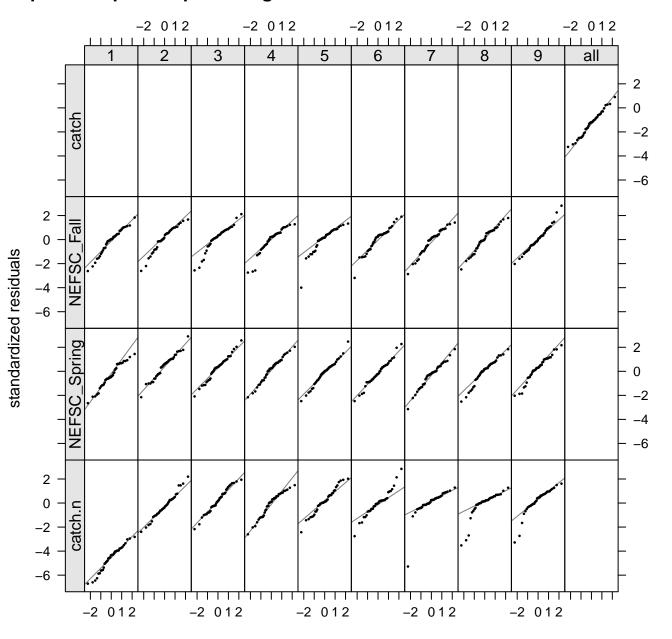
## log residuals of catch and abundance indices by age



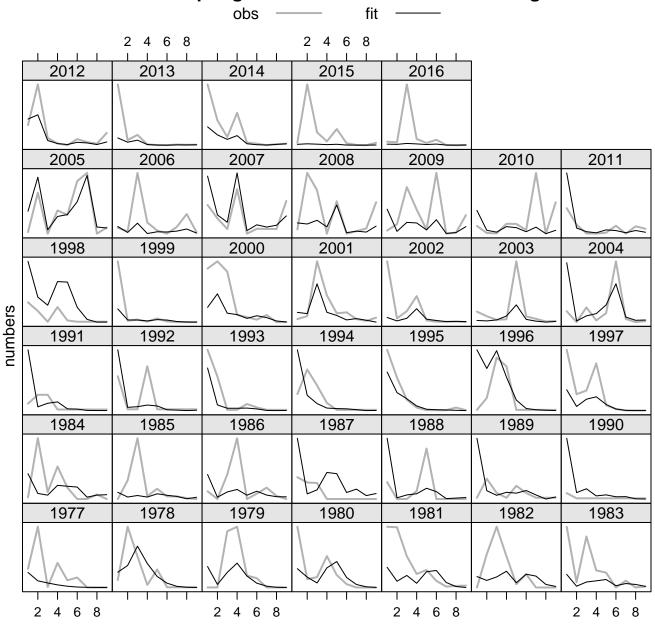
### quantile-quantile plot of log residuals of catch and abundance indices



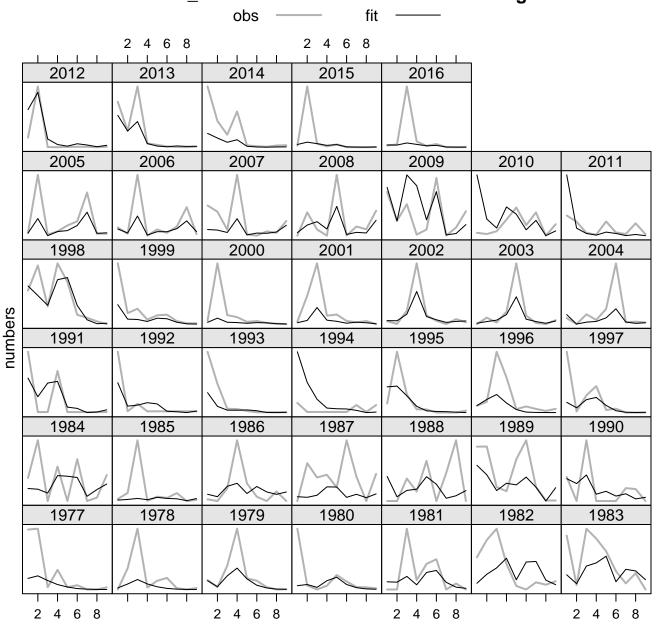
#### fitted and observed catch-at-age obs fit 2 4 6 8 2 4 6 8 numbers 4 6 8 2 4 6 8 2 4 6 8 6 8

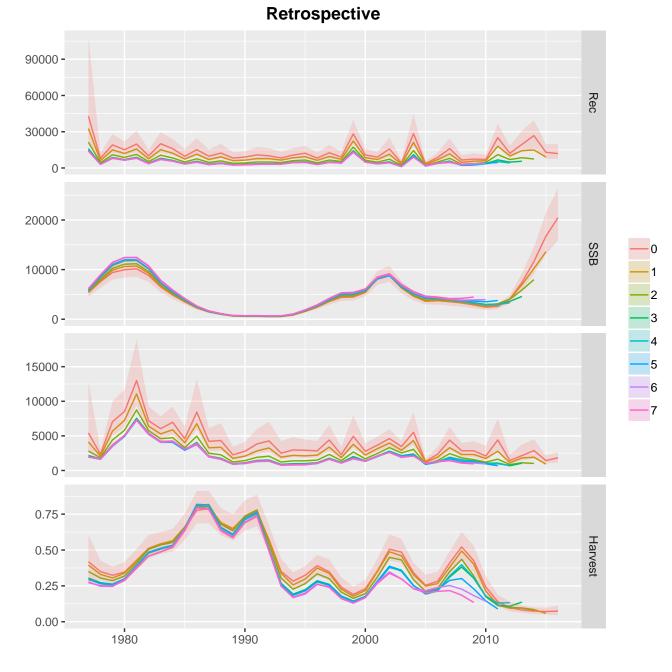
age

## NEFSC\_Spring: fitted and observed index-at-age

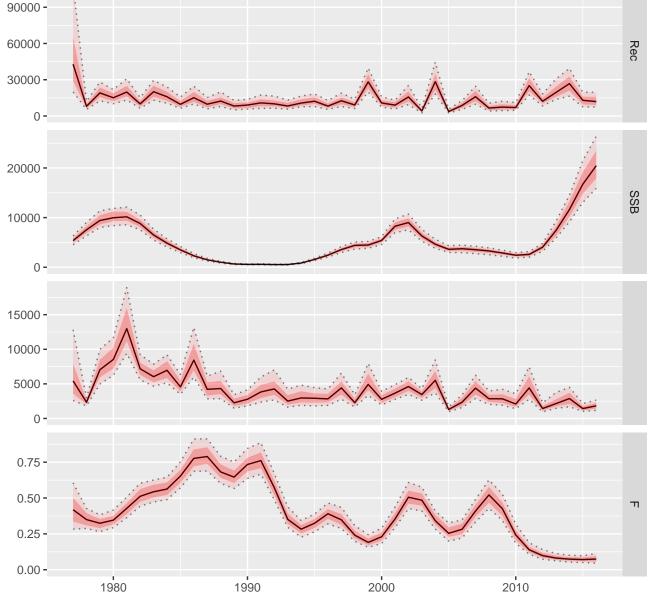


#### NEFSC\_Fall: fitted and observed index-at-age





Stock summary 90000 -60000 -Rec 30000 -0 -20000 -SSB 10000 -0 -15000 -10000 -



# **Abundance indices predictions**

