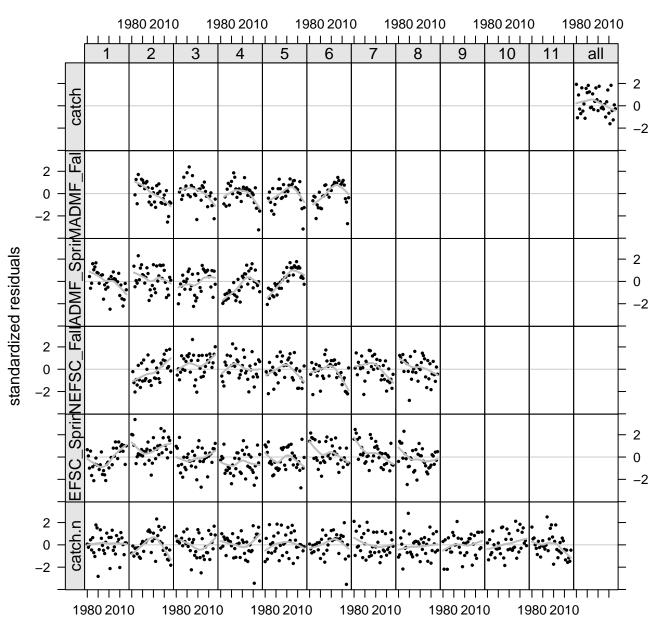
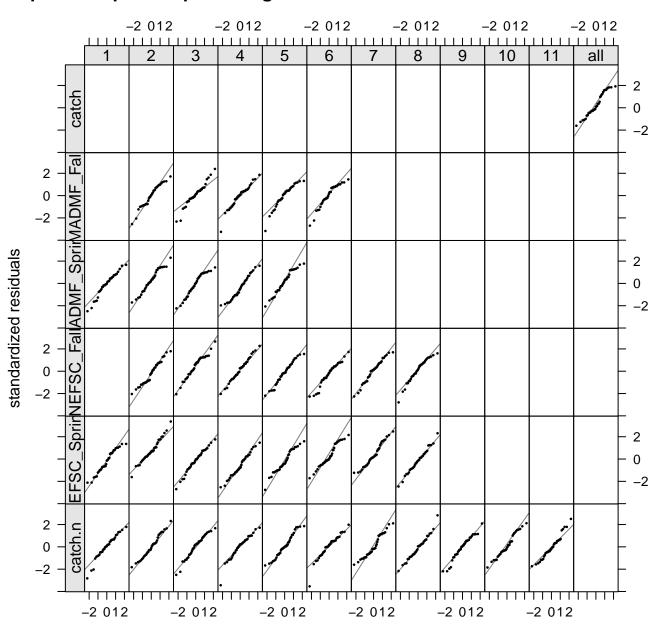
# log residuals of catch and abundance indices by age



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

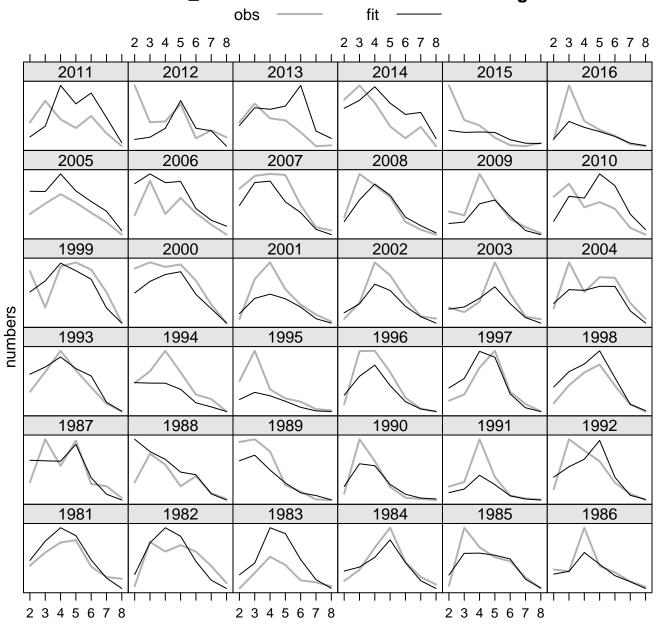


fitted and observed catch-at-age obs fit 2 4 6 8 10 numbers 6 8 10 2 4 6 8 10 2 4 6 8 10 2 4 2 4 6 8 10

age

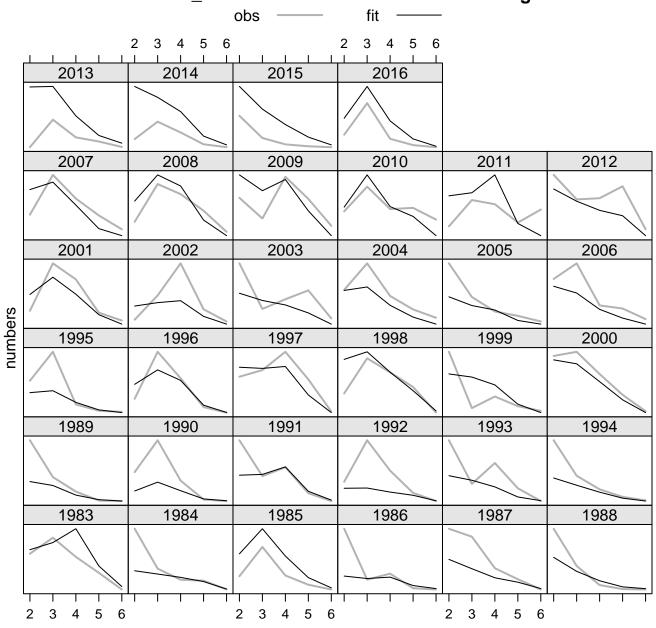
#### NEFSC\_Spring: fitted and observed index-at-age obs fit numbers

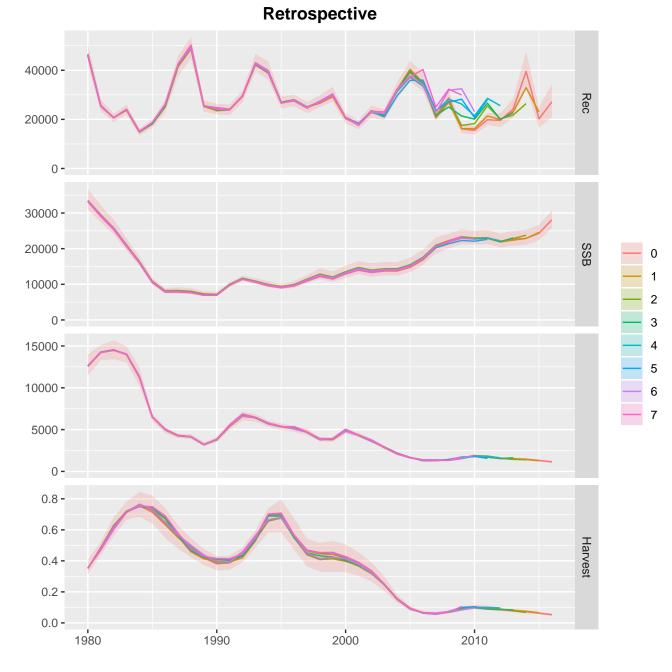
### NEFSC\_Fall: fitted and observed index-at-age



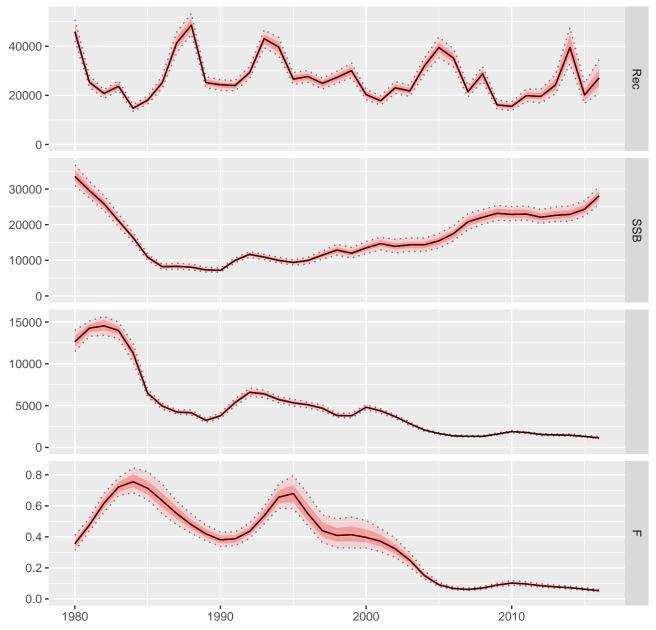
#### MADMF\_Spring: fitted and observed index-at-age obs fit 2 3 2 3 4 5 numbers

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





Stock summary



# **Abundance indices predictions**

