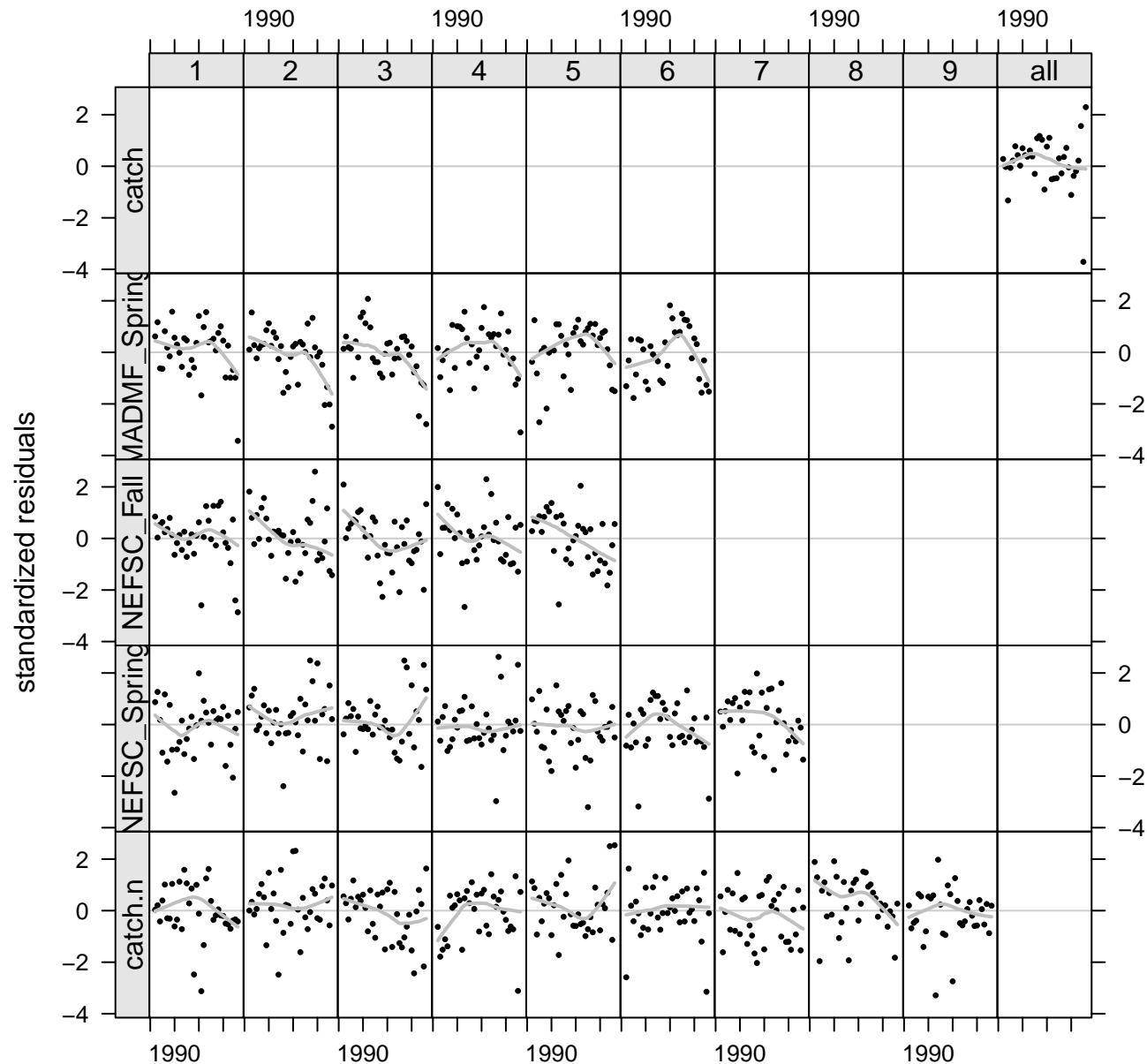
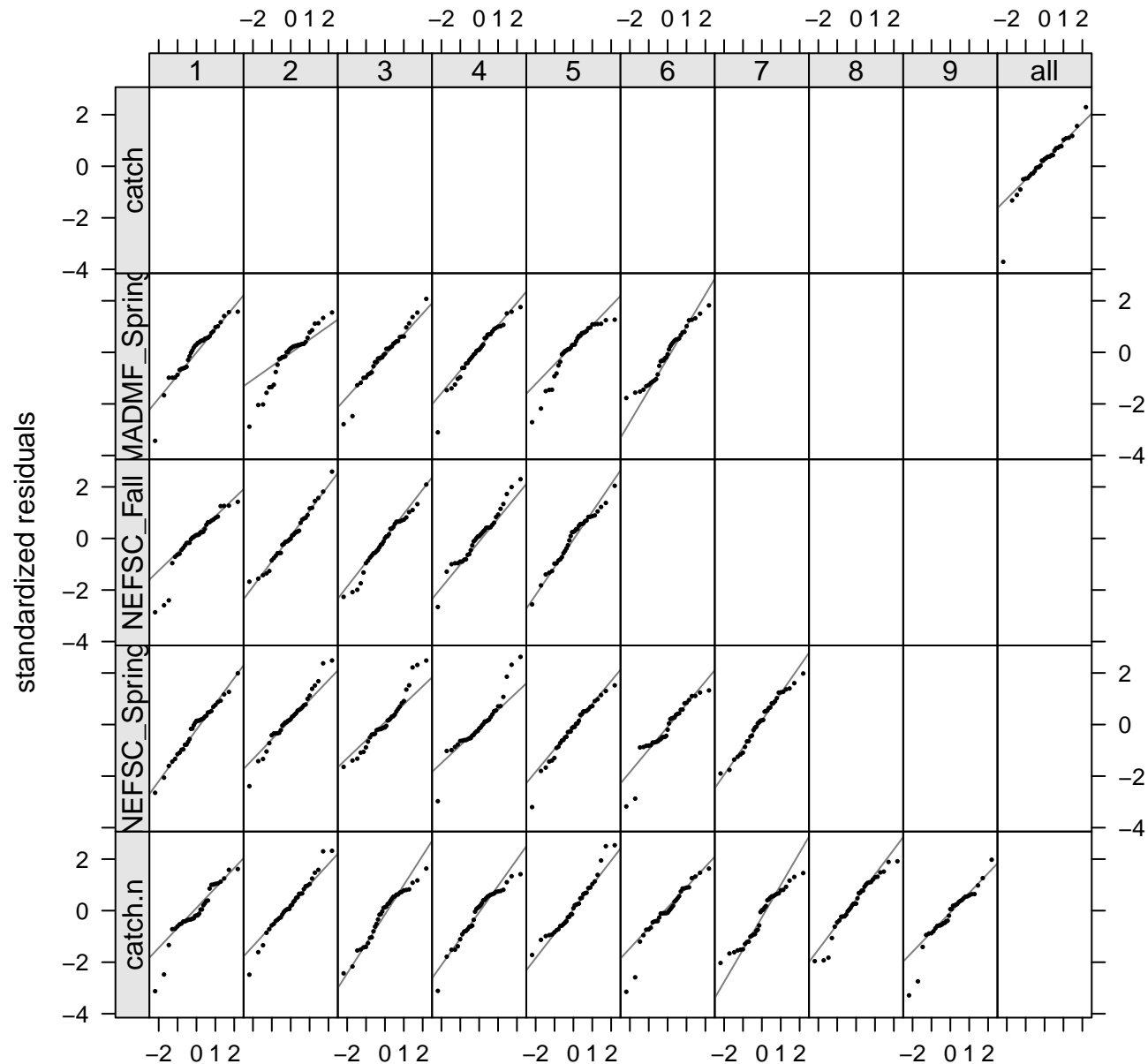


# log residuals of catch and abundance indices by age

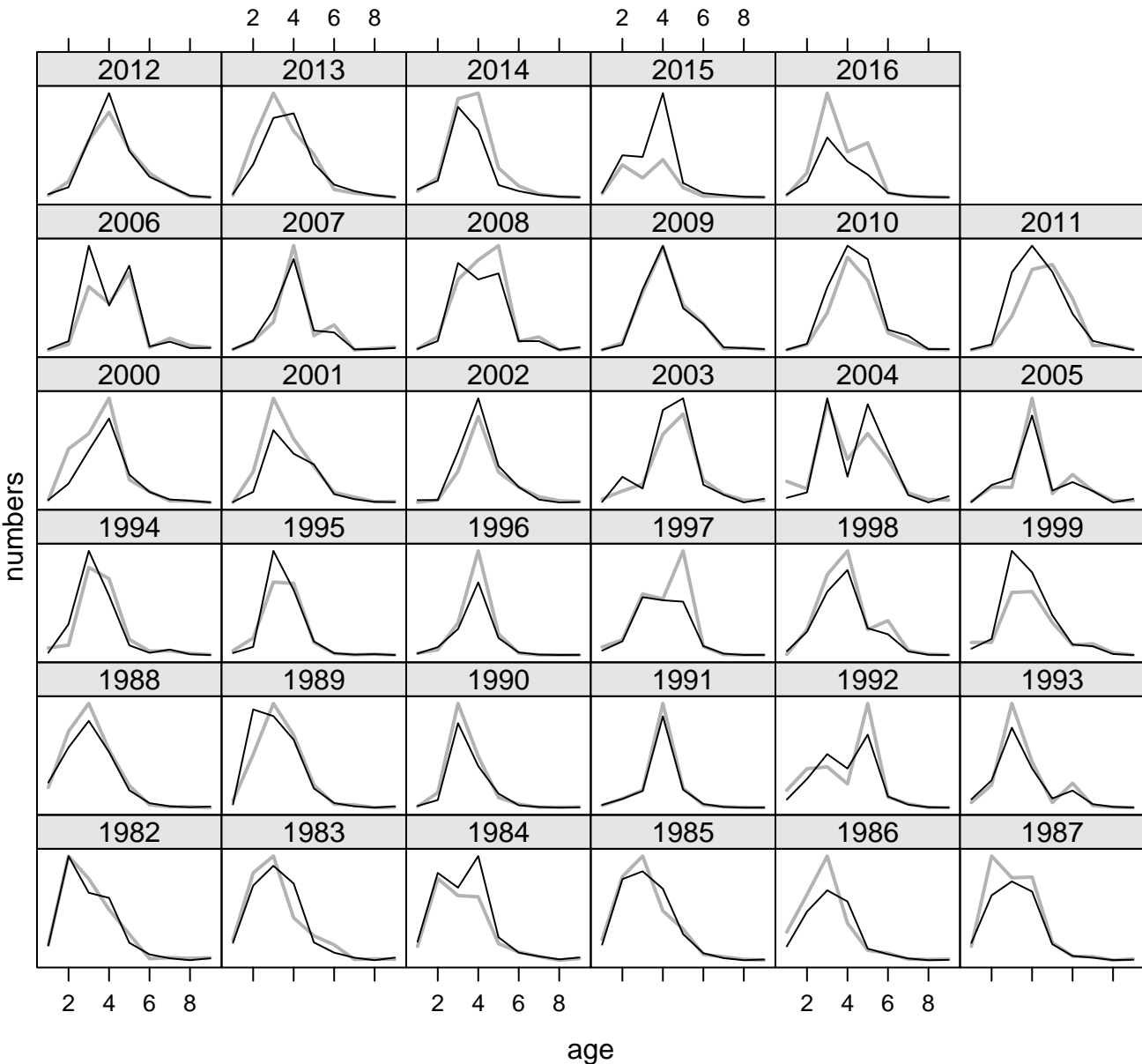


### quantile-quantile plot of log residuals of catch and abundance indices



# fitted and observed catch-at-age

obs ——— fit ———



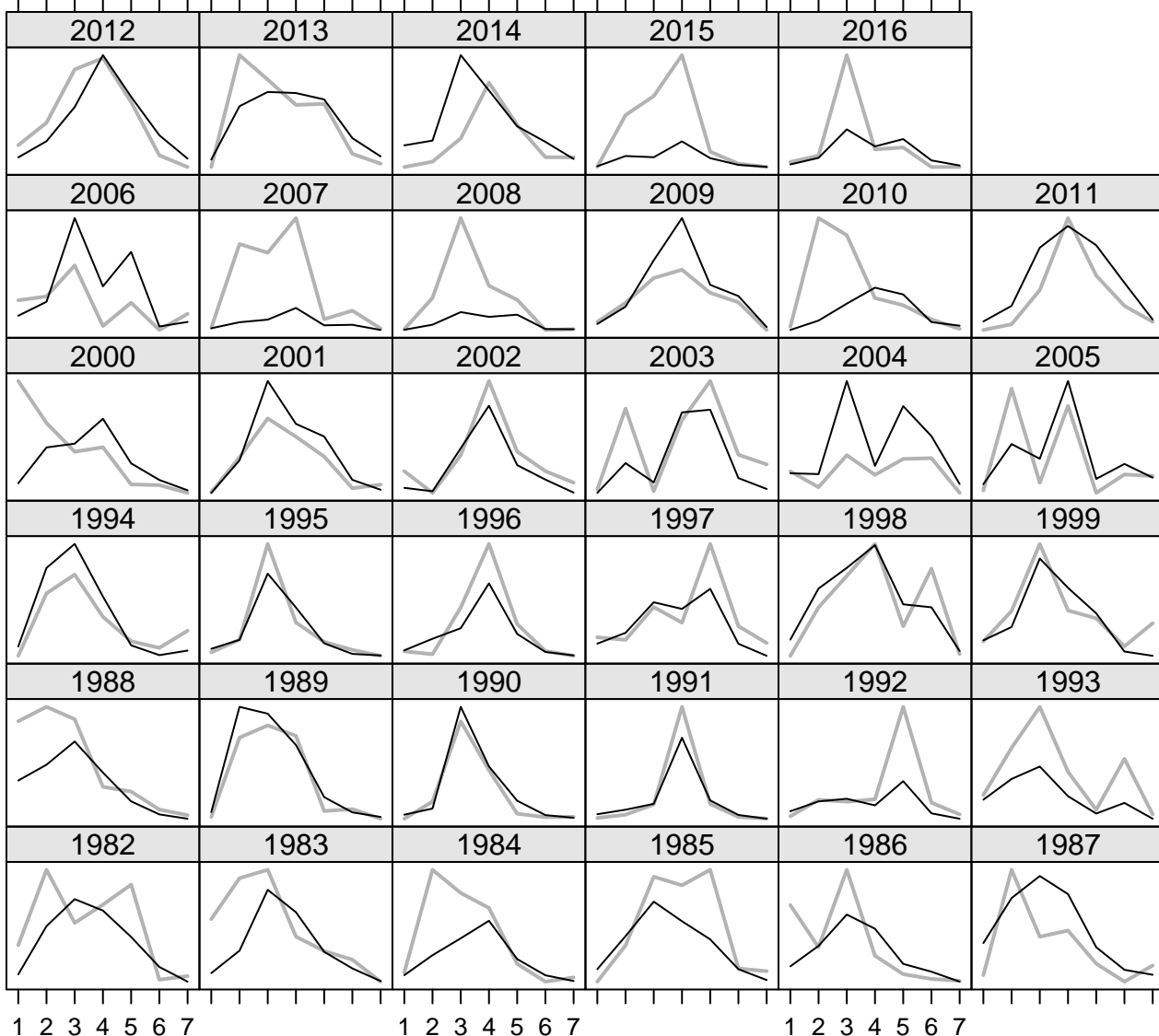
# NEFSC\_Spring: fitted and observed index-at-age

obs ——— fit ———

1 2 3 4 5 6 7

1 2 3 4 5 6 7

numbers

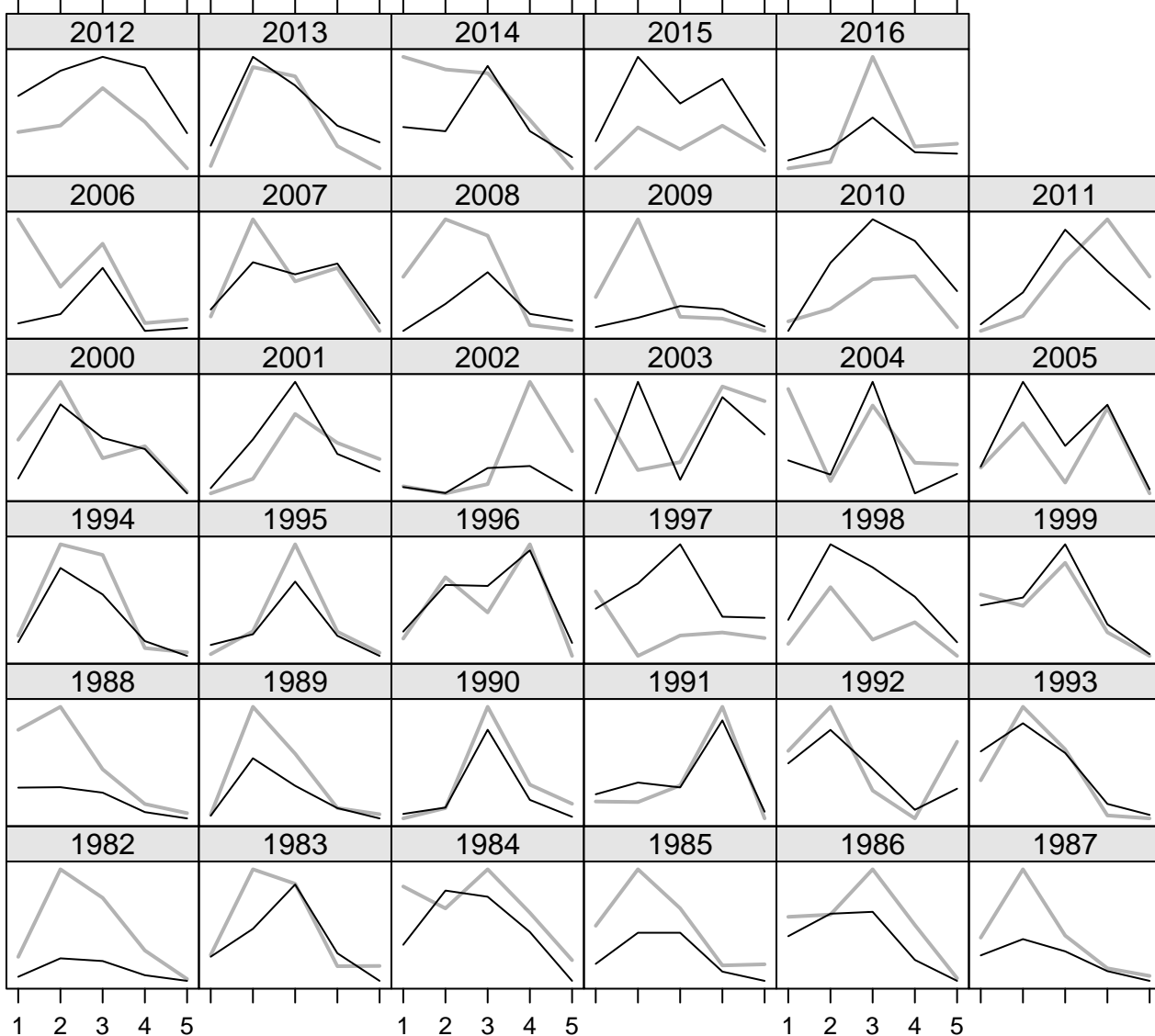


# NEFSC\_Fall: fitted and observed index-at-age

obs — fit

1 2 3 4 5 1 2 3 4 5

numbers



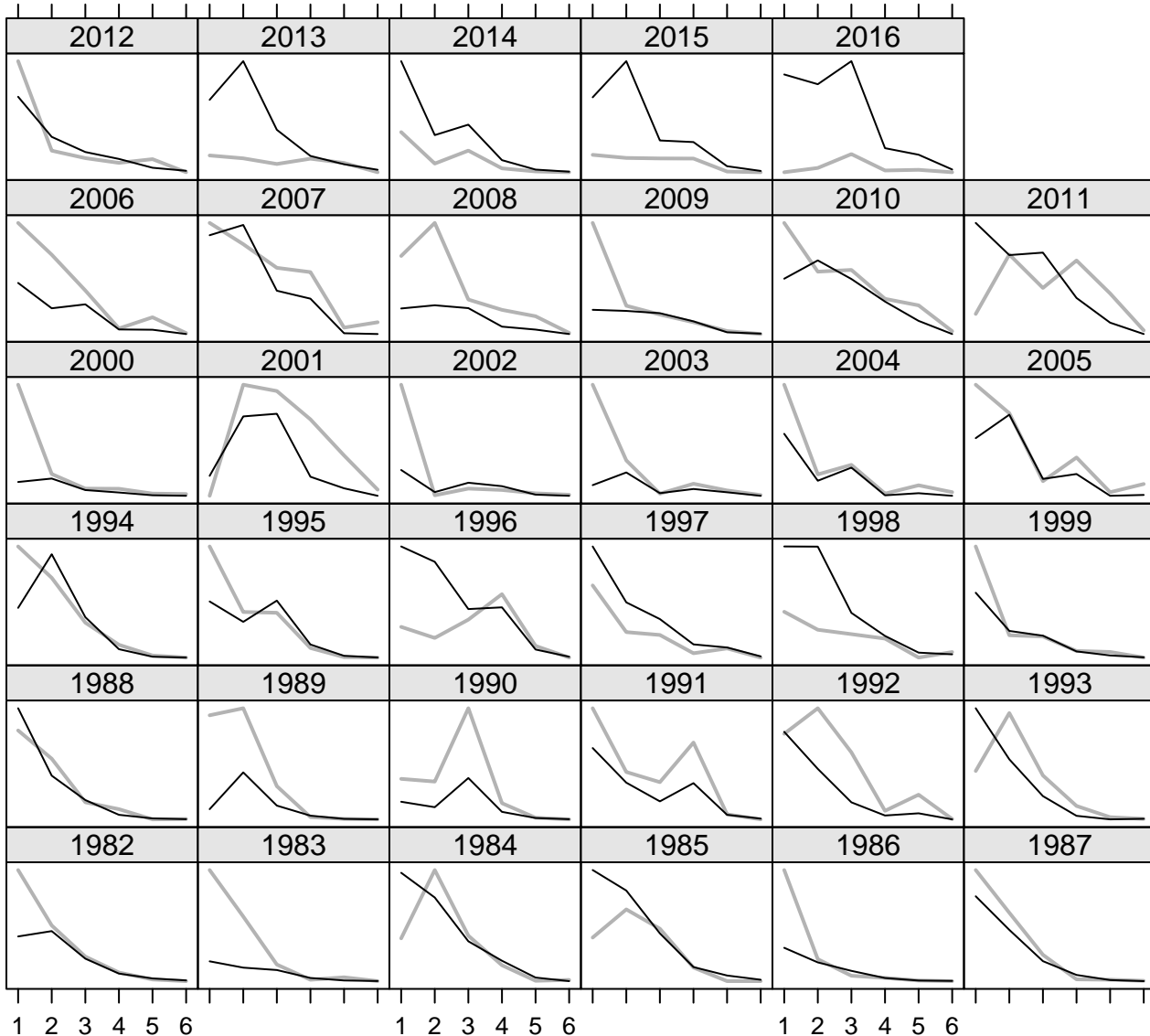
# MADMF\_Spring: fitted and observed index-at-age

obs ——— fit ———

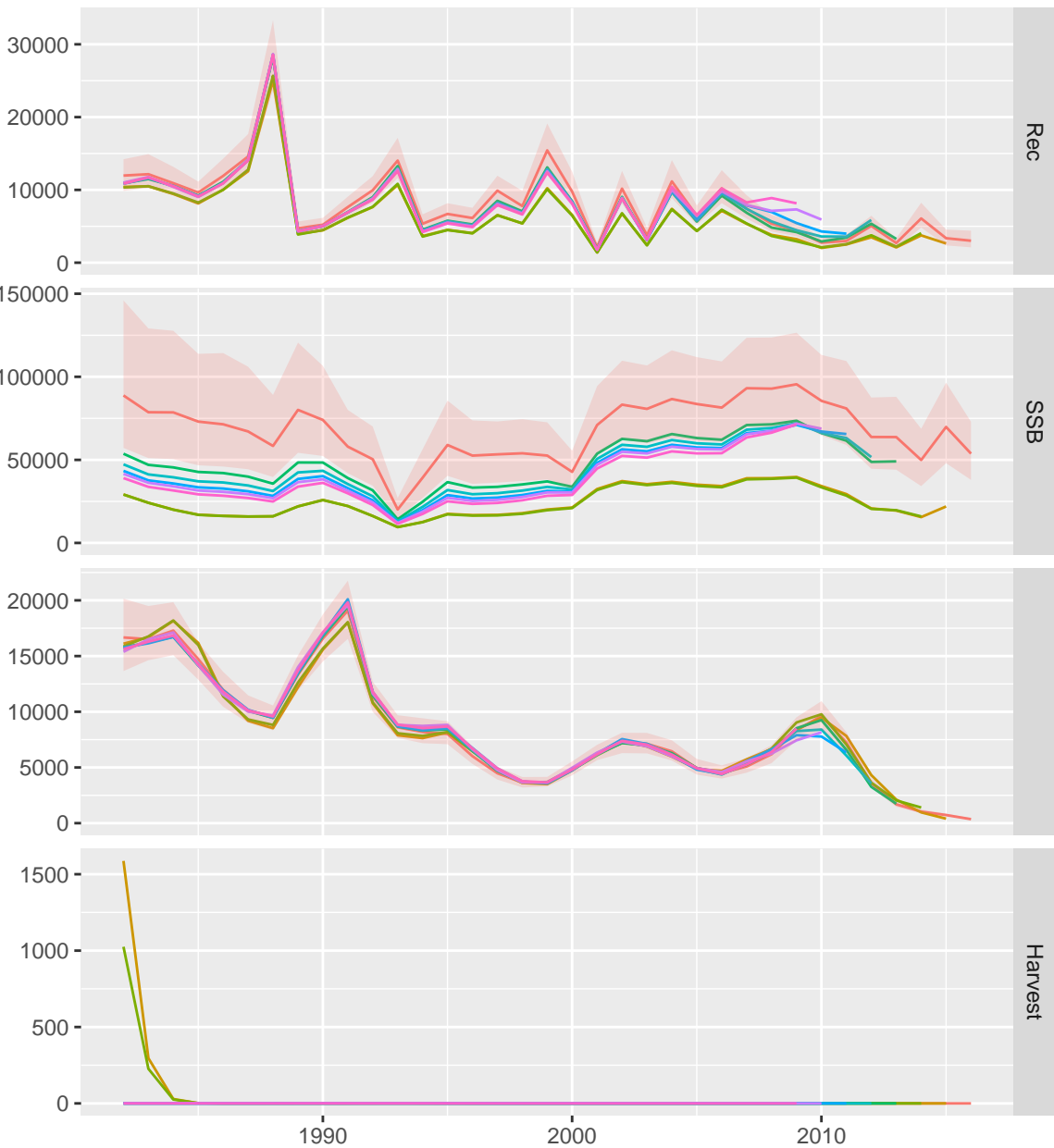
1 2 3 4 5 6

1 2 3 4 5 6

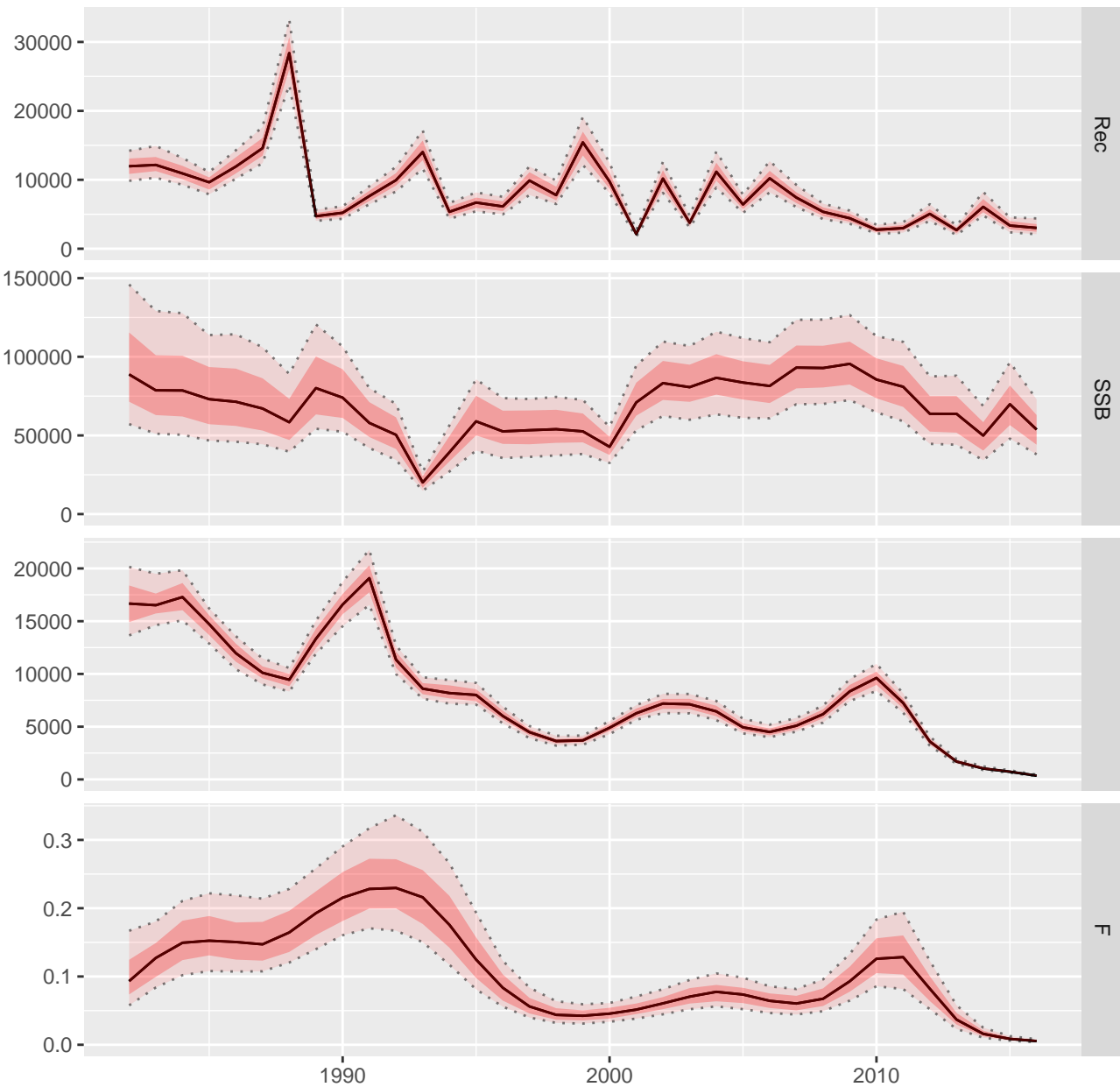
numbers



# Retrospective



# Stock summary





# Abundance indices predictions

