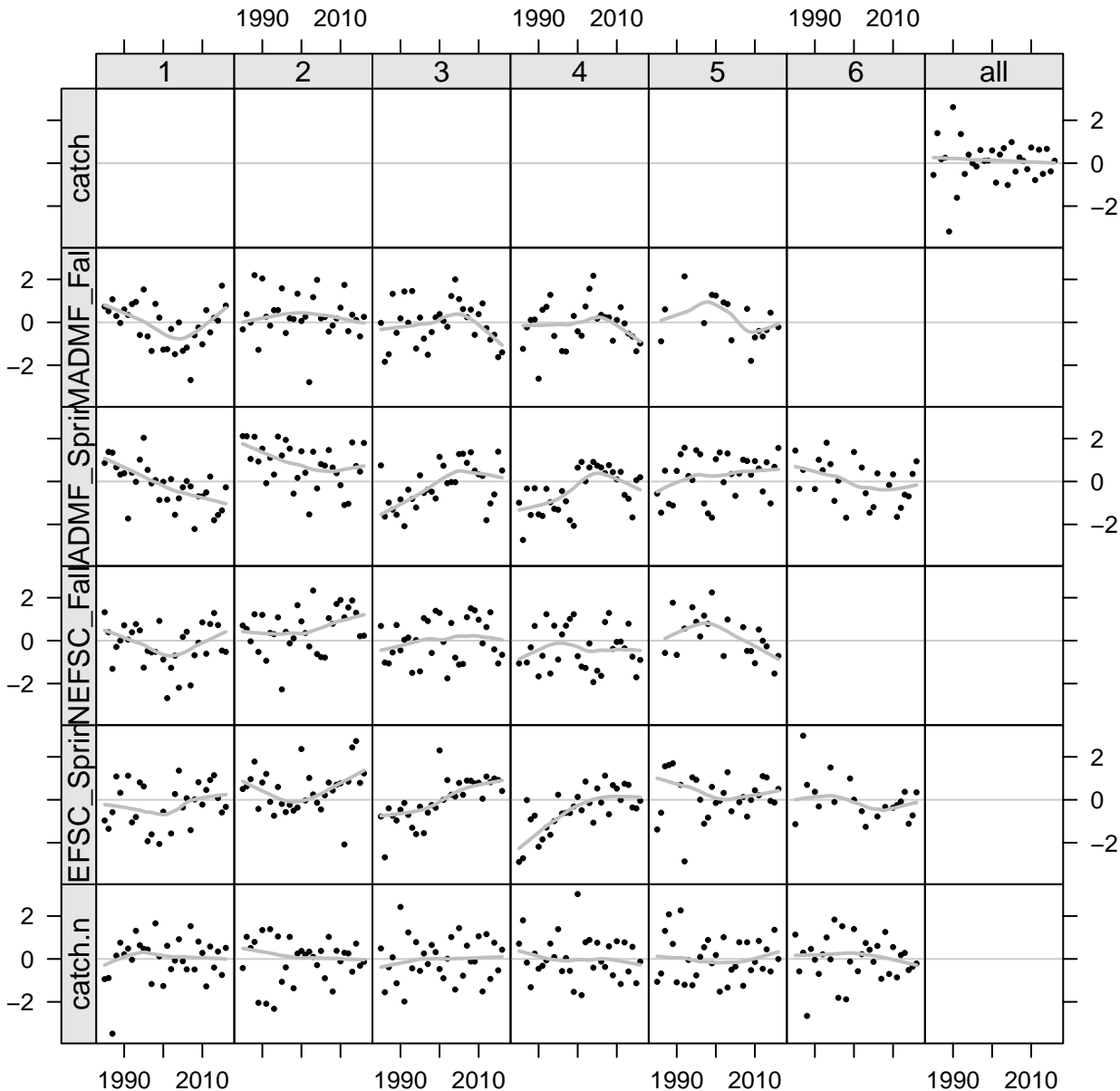
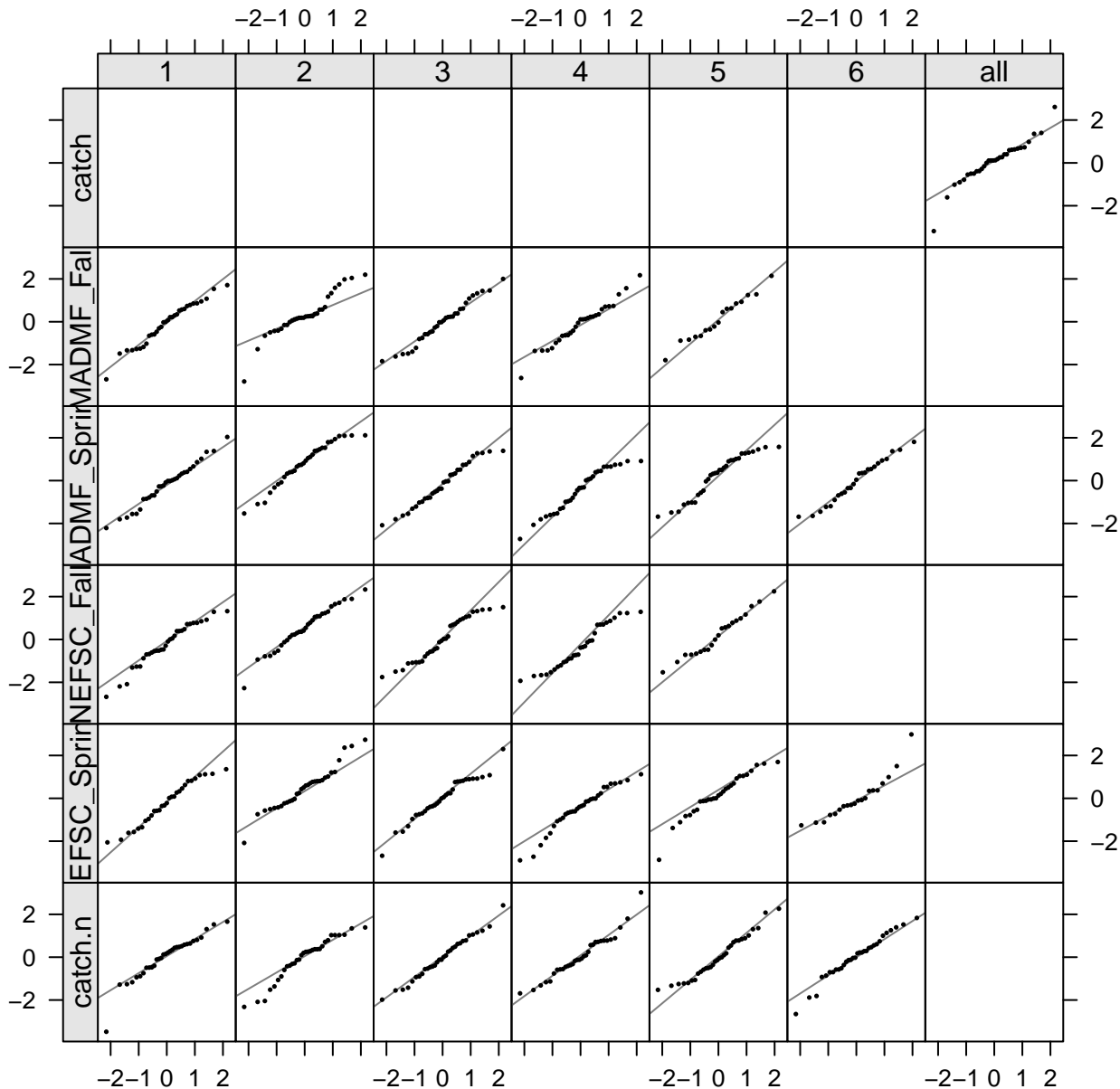


# log residuals of catch and abundance indices by age



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

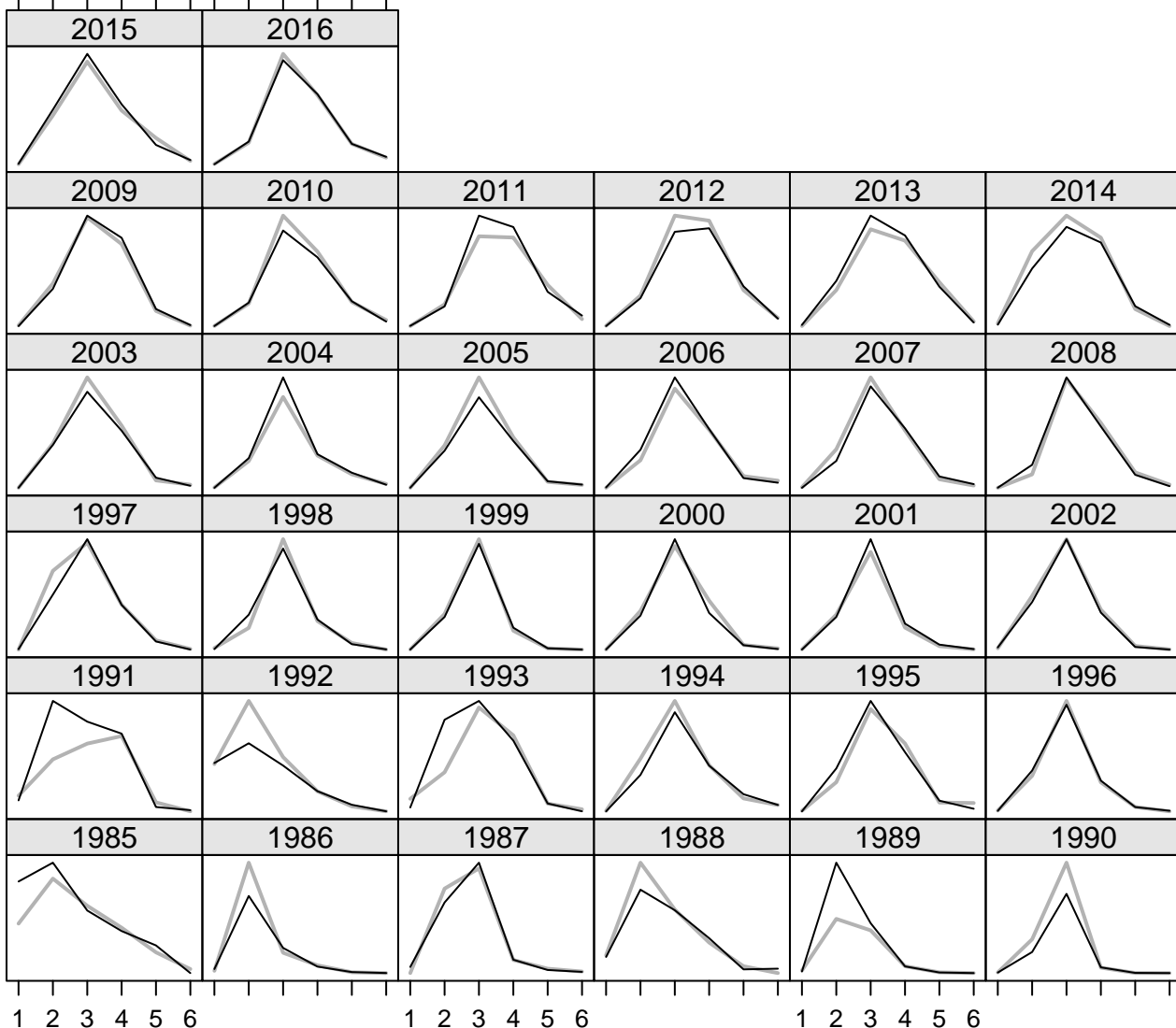


# fitted and observed catch-at-age

obs ——— fit ———

1 2 3 4 5 6

numbers

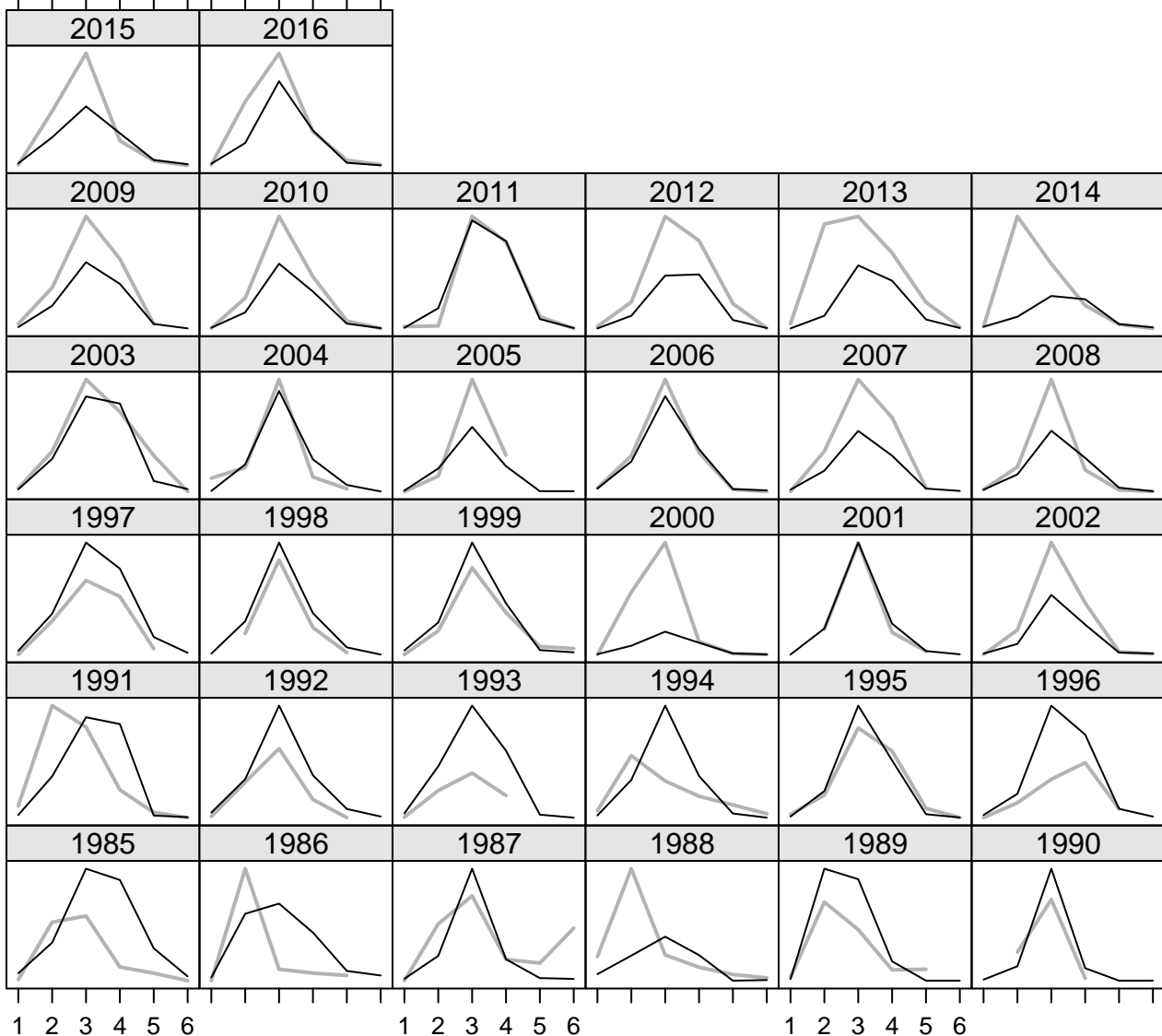


age

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

obs ——— fit ———

1 2 3 4 5 6

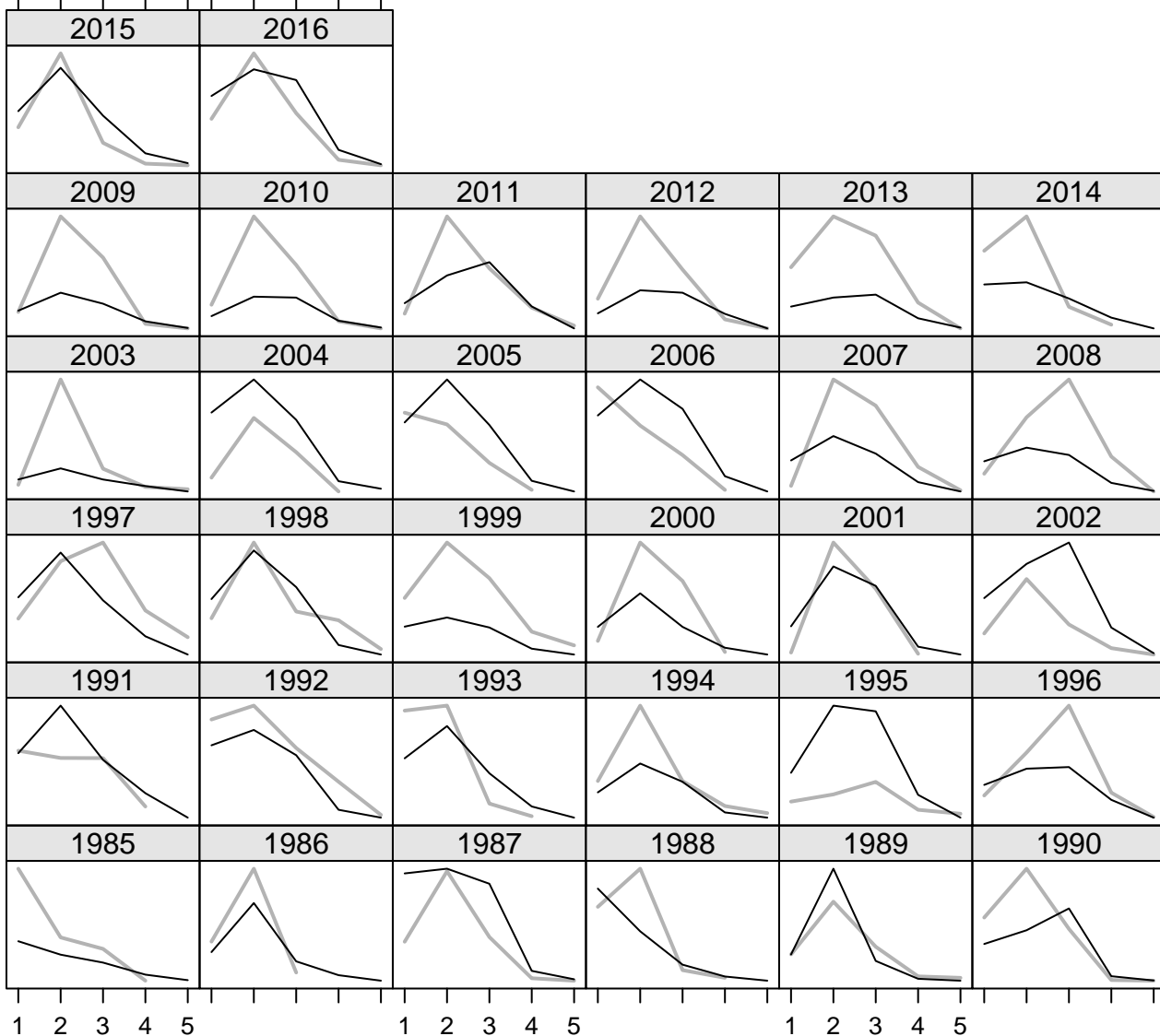


# NEFSC\_Fall: fitted and observed index-at-age

obs ——— fit ———

1 2 3 4 5

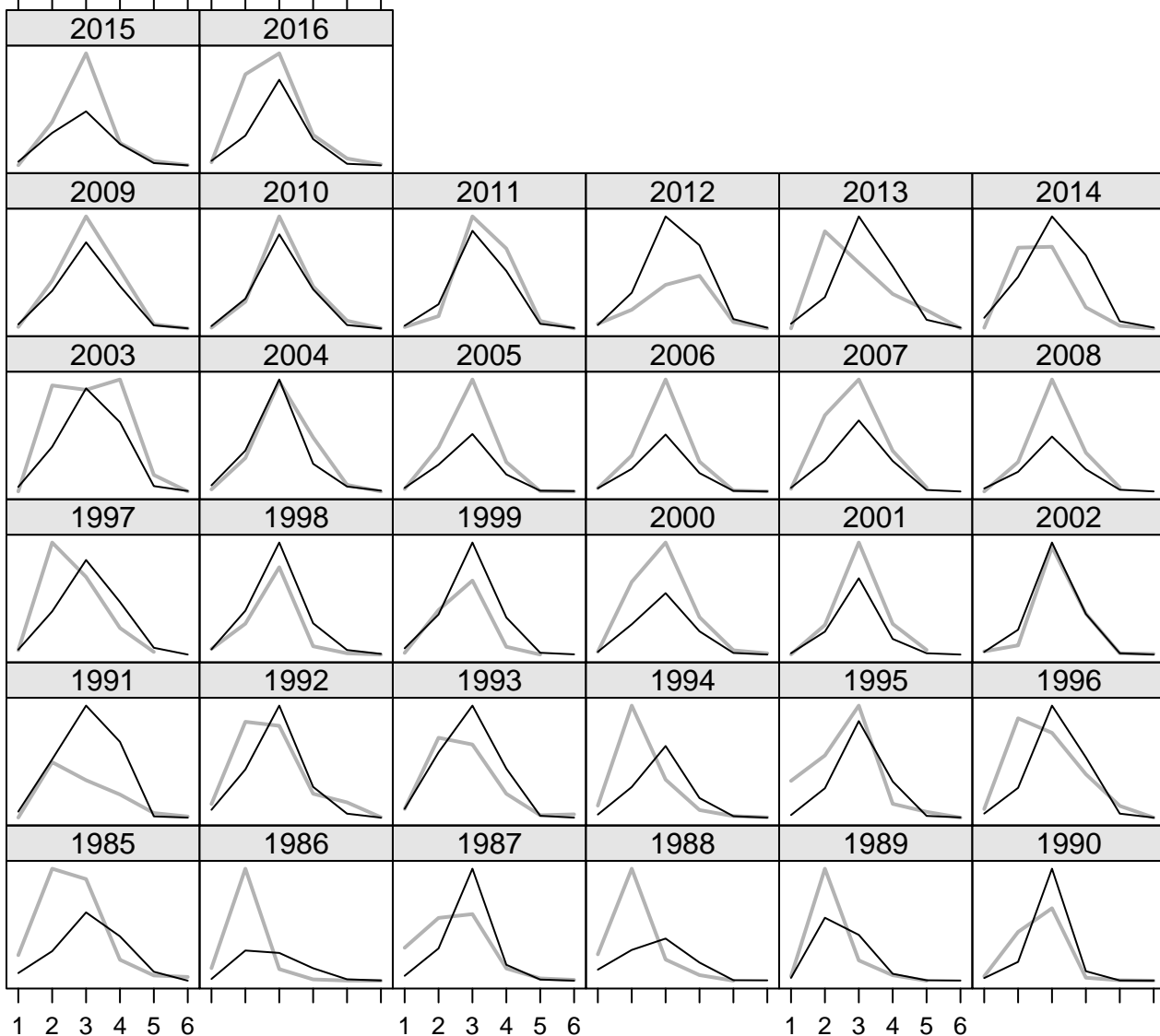
numbers



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

obs ——— fit ———

1 2 3 4 5 6

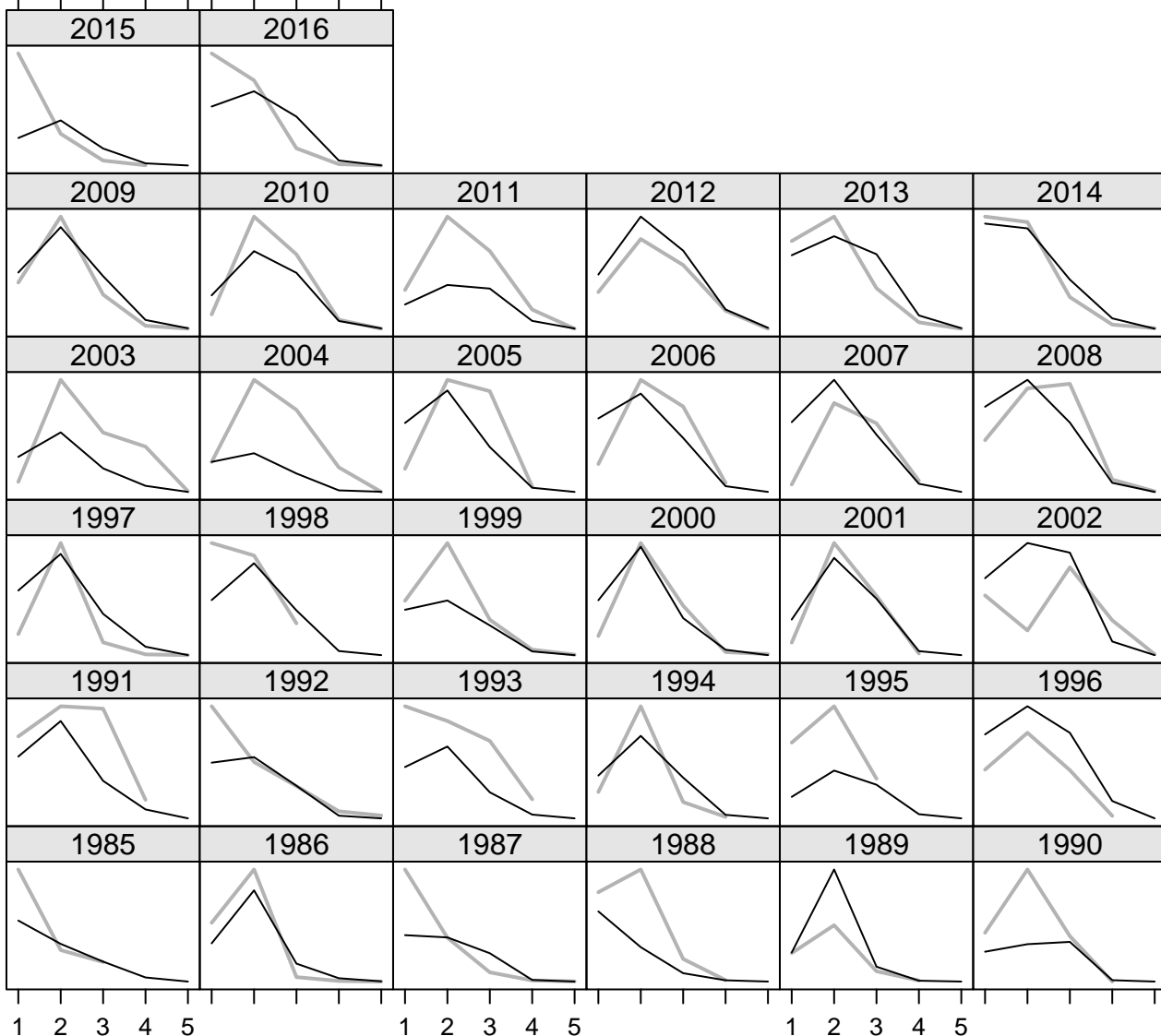


# MADMF\_Fall: fitted and observed index-at-age

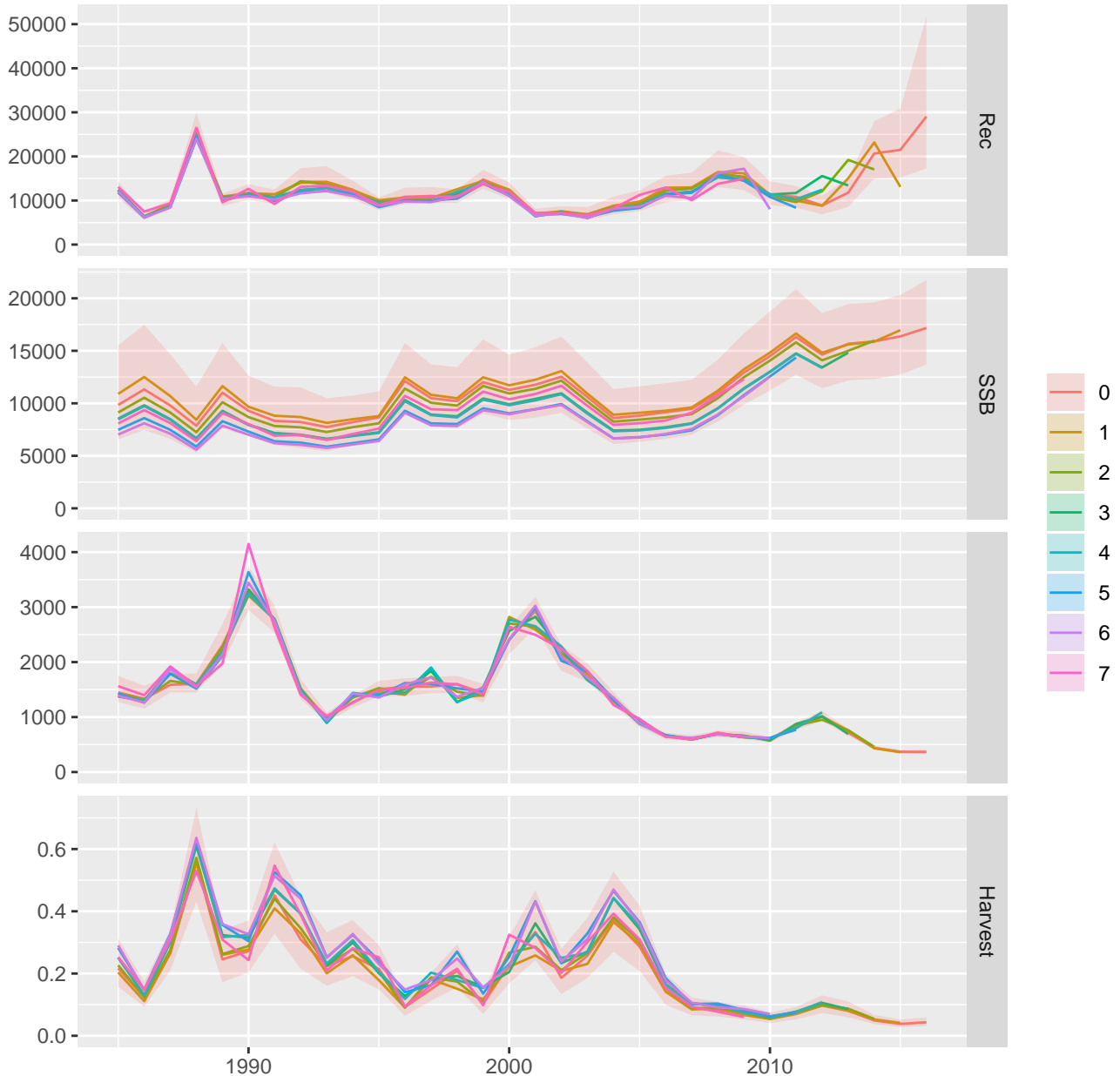
obs ——— fit ———

1 2 3 4 5

numbers

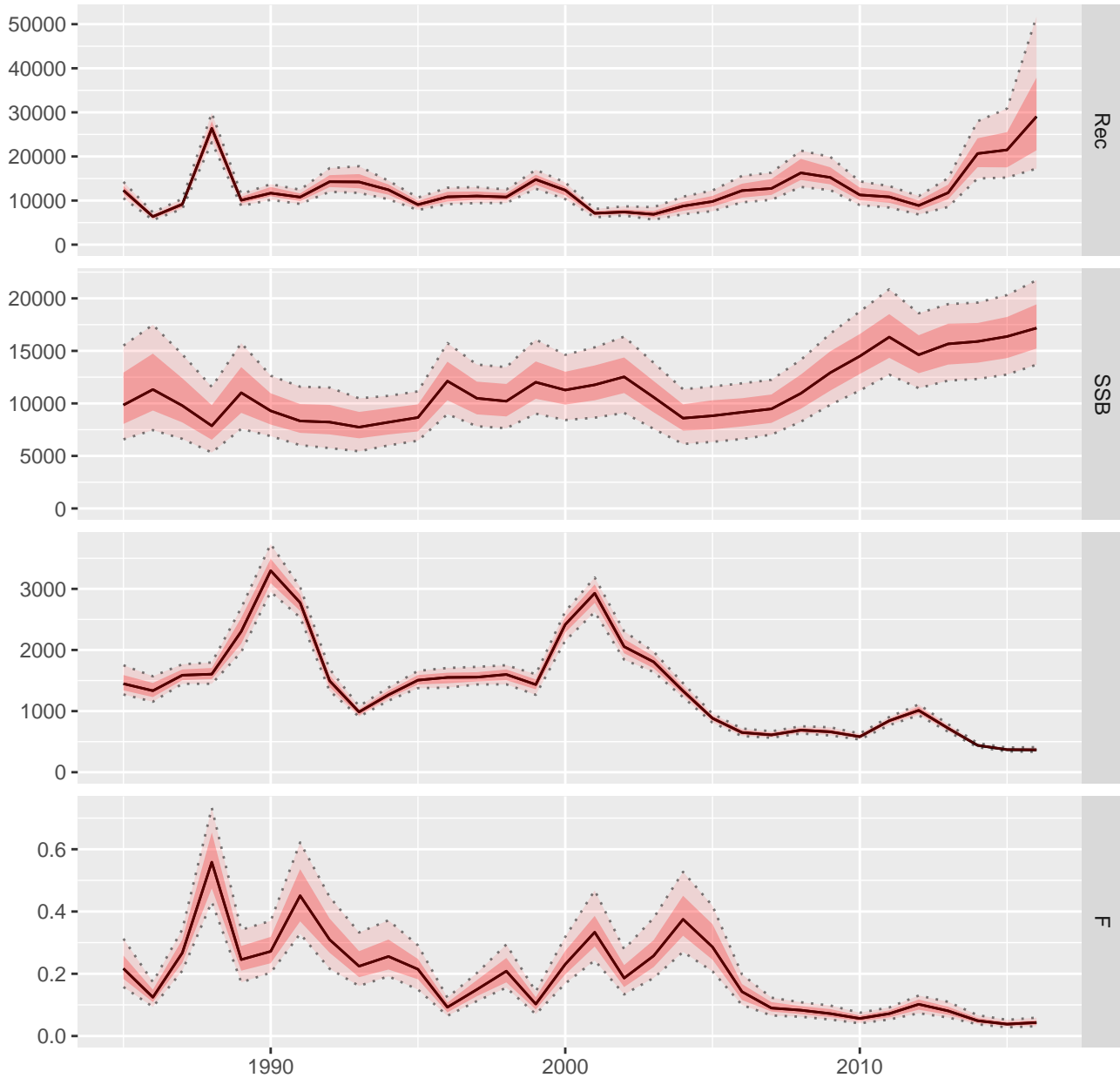


# Retrospective





# Stock summary



# Abundance indices predictions

