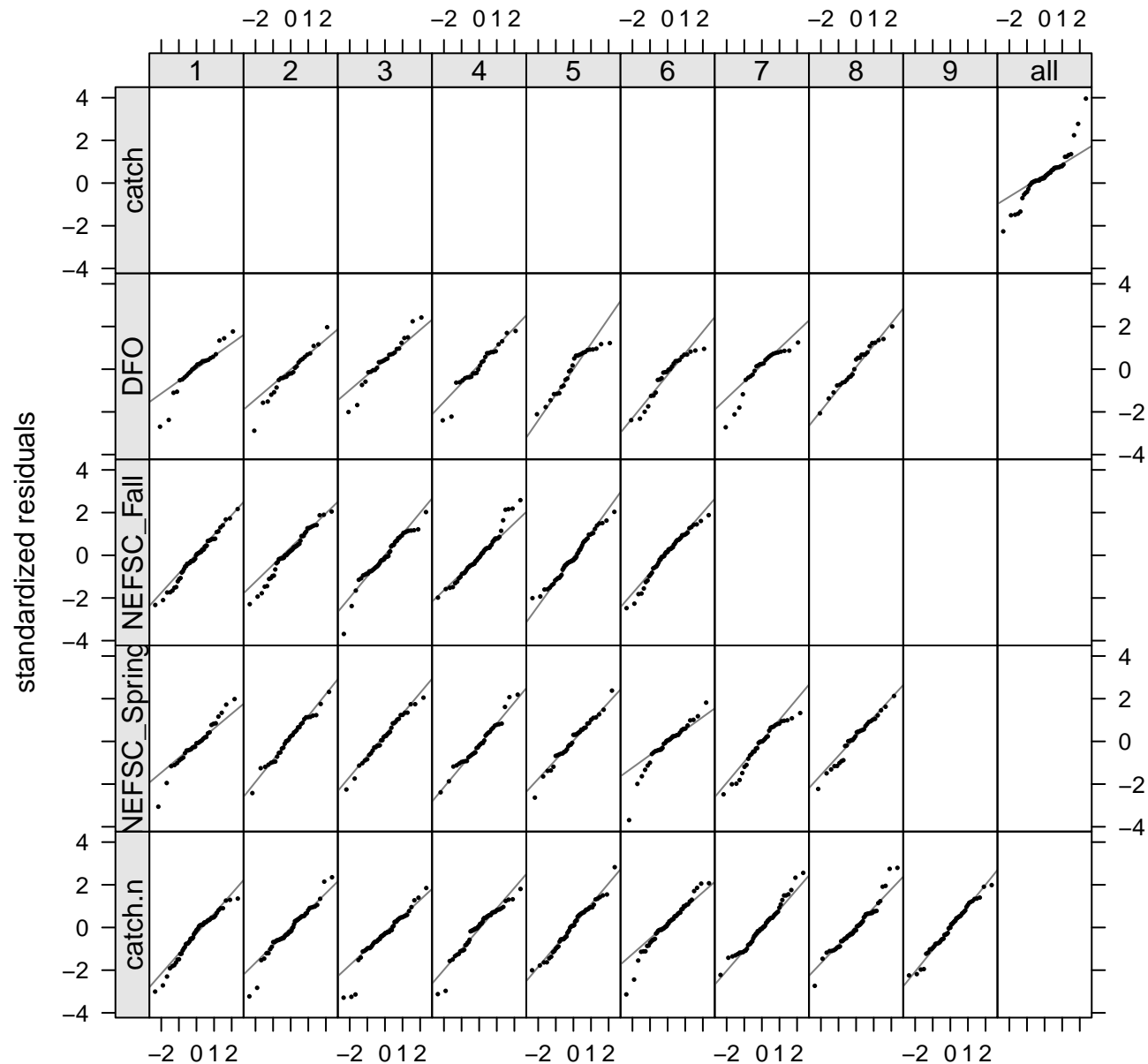


## log residuals of catch and abundance indices by age



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



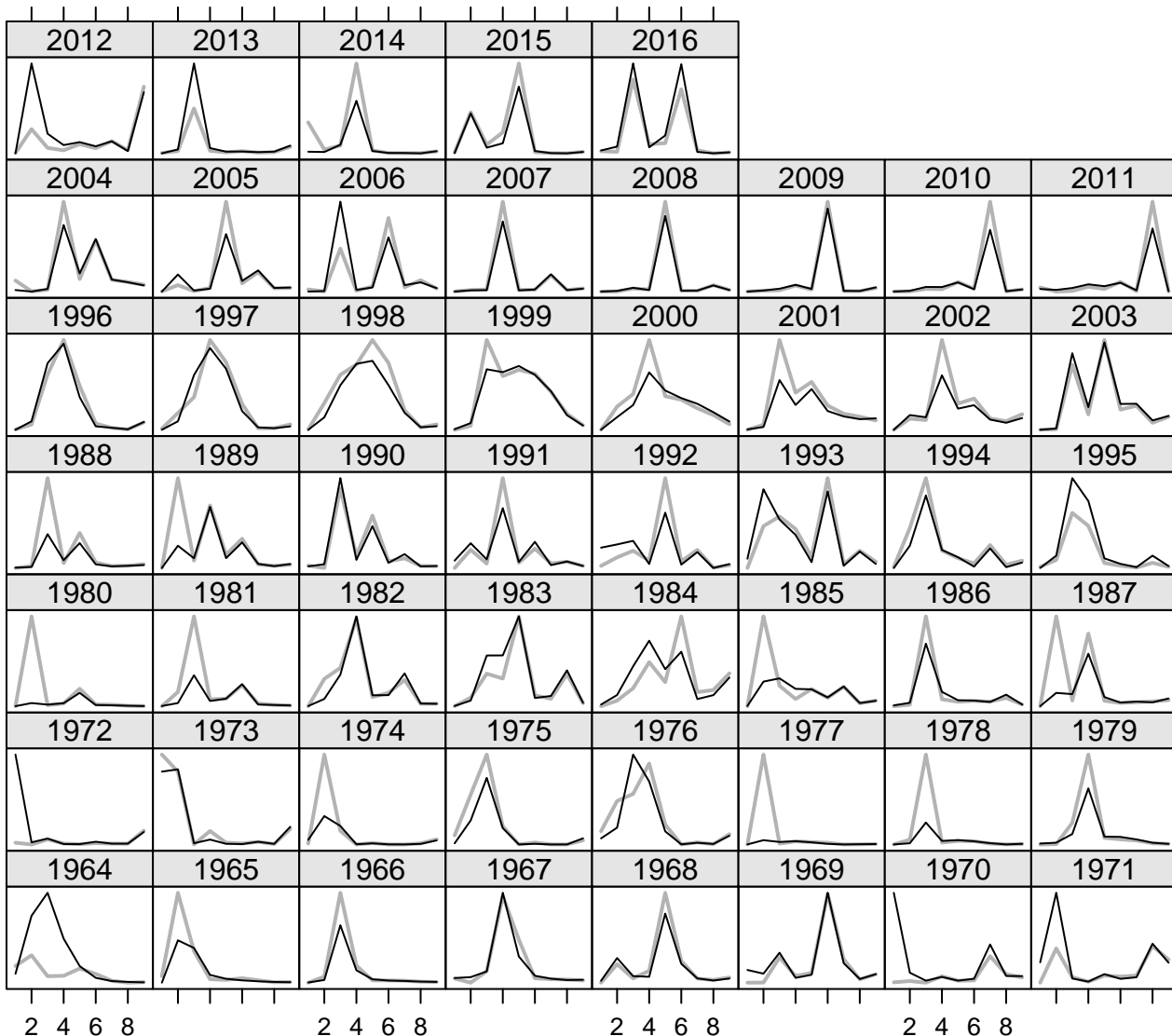
# fitted and observed catch-at-age

obs ——— fit ———

2 4 6 8

2 4 6 8

numbers

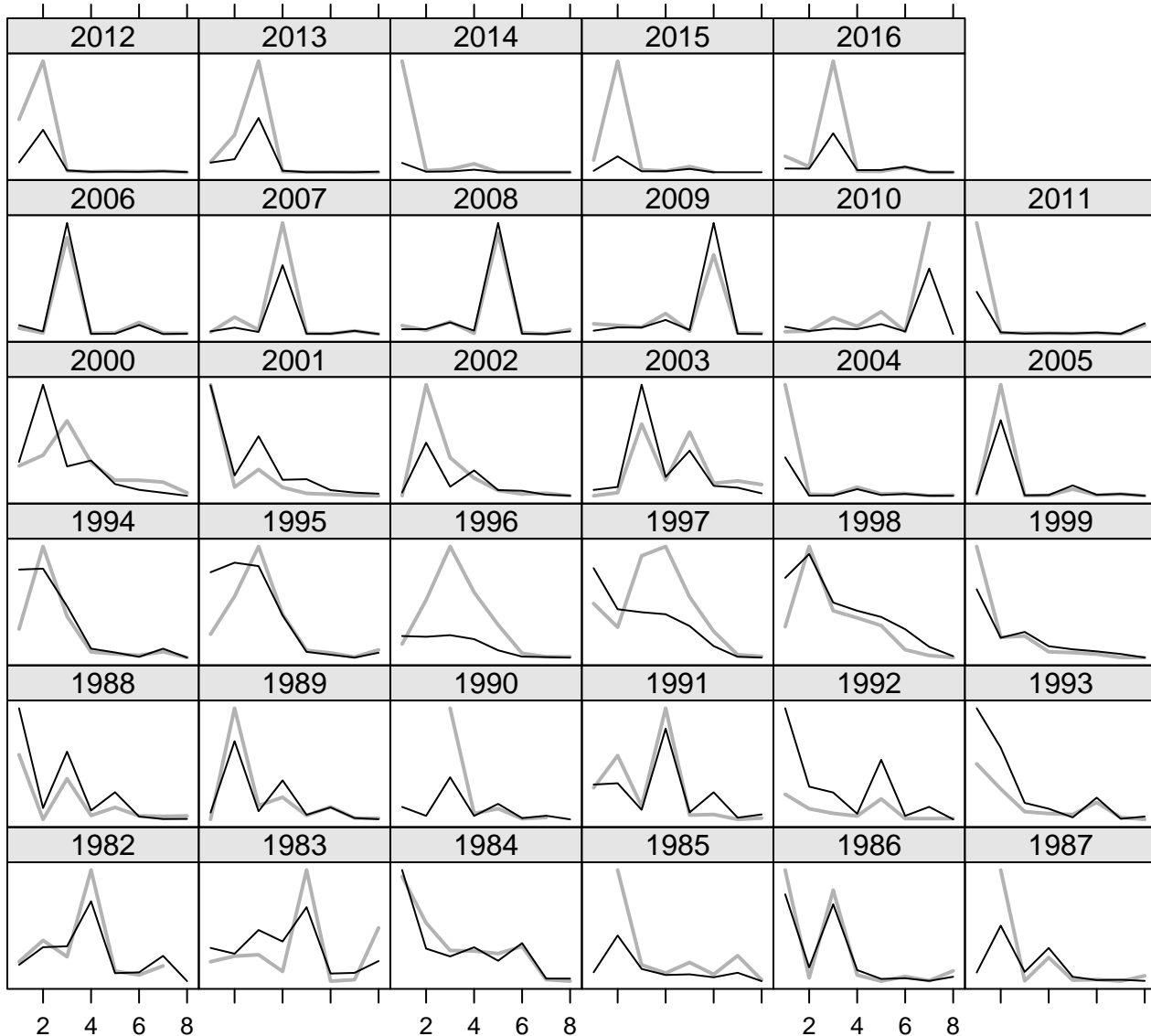


age

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

obs ——— fit ———

2 4 6 8 2 4 6 8



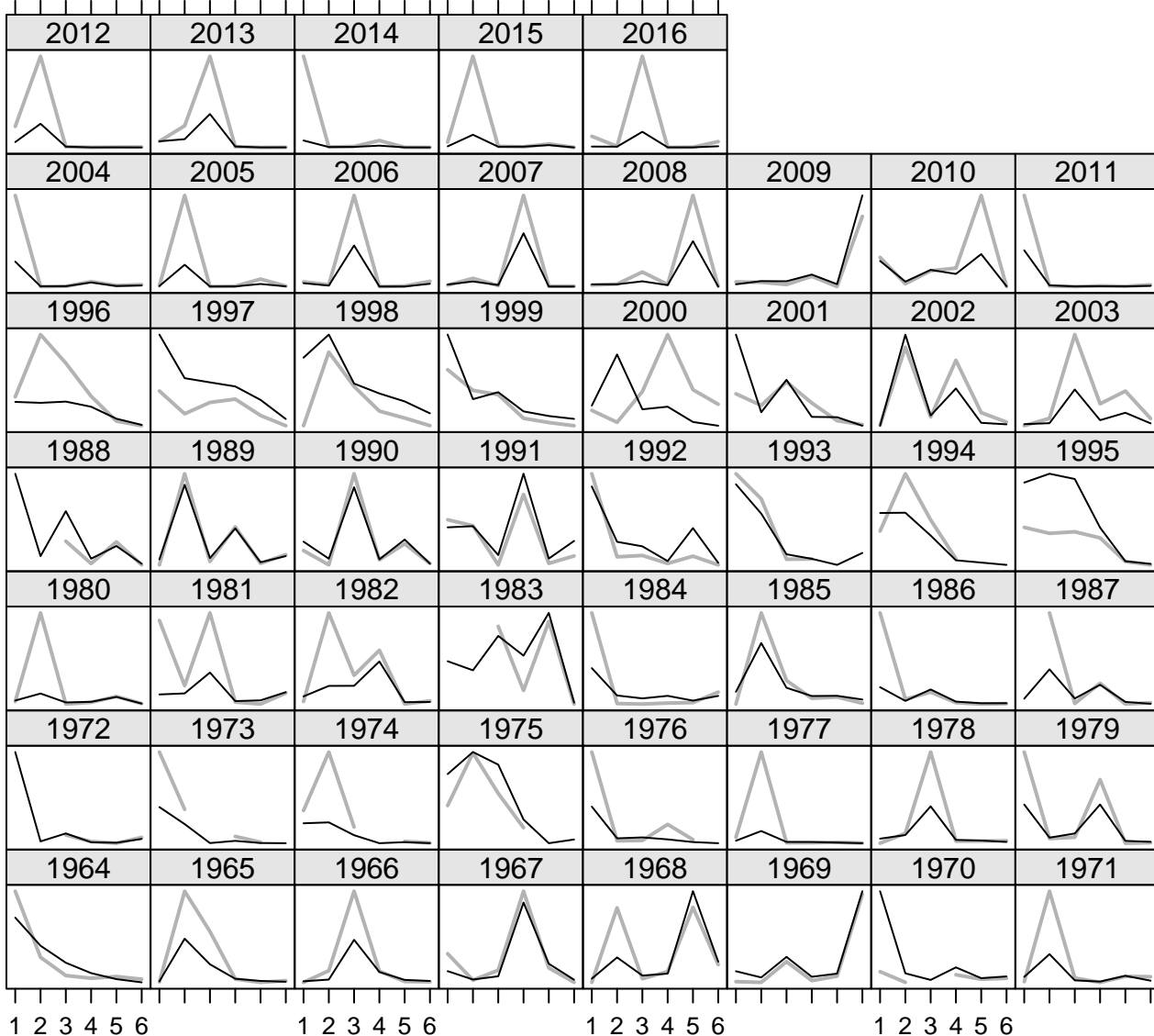
# NEFSC\_Fall: fitted and observed index-at-age

obs ——— fit ———

1 2 3 4 5 6

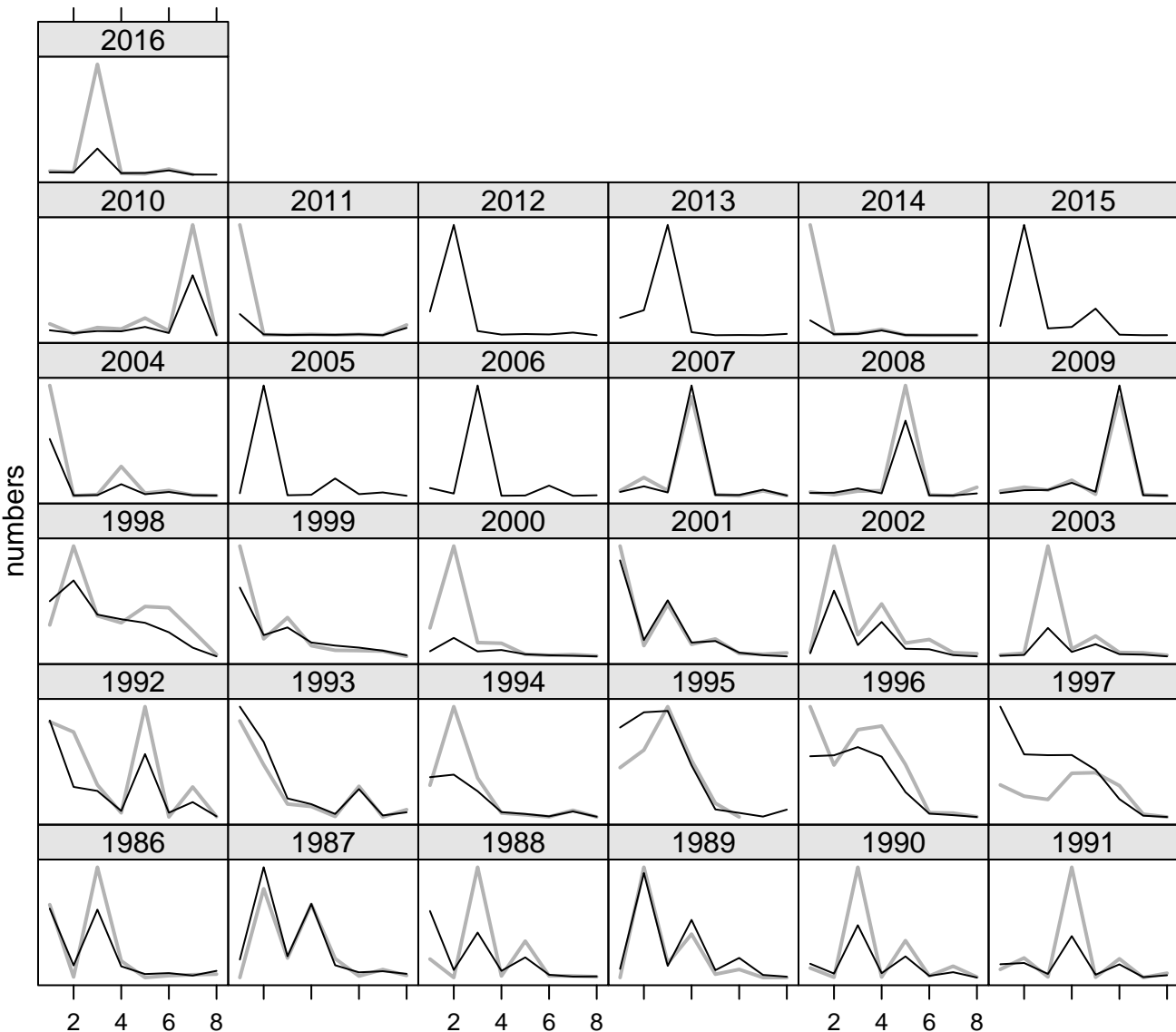
1 2 3 4 5 6

numbers

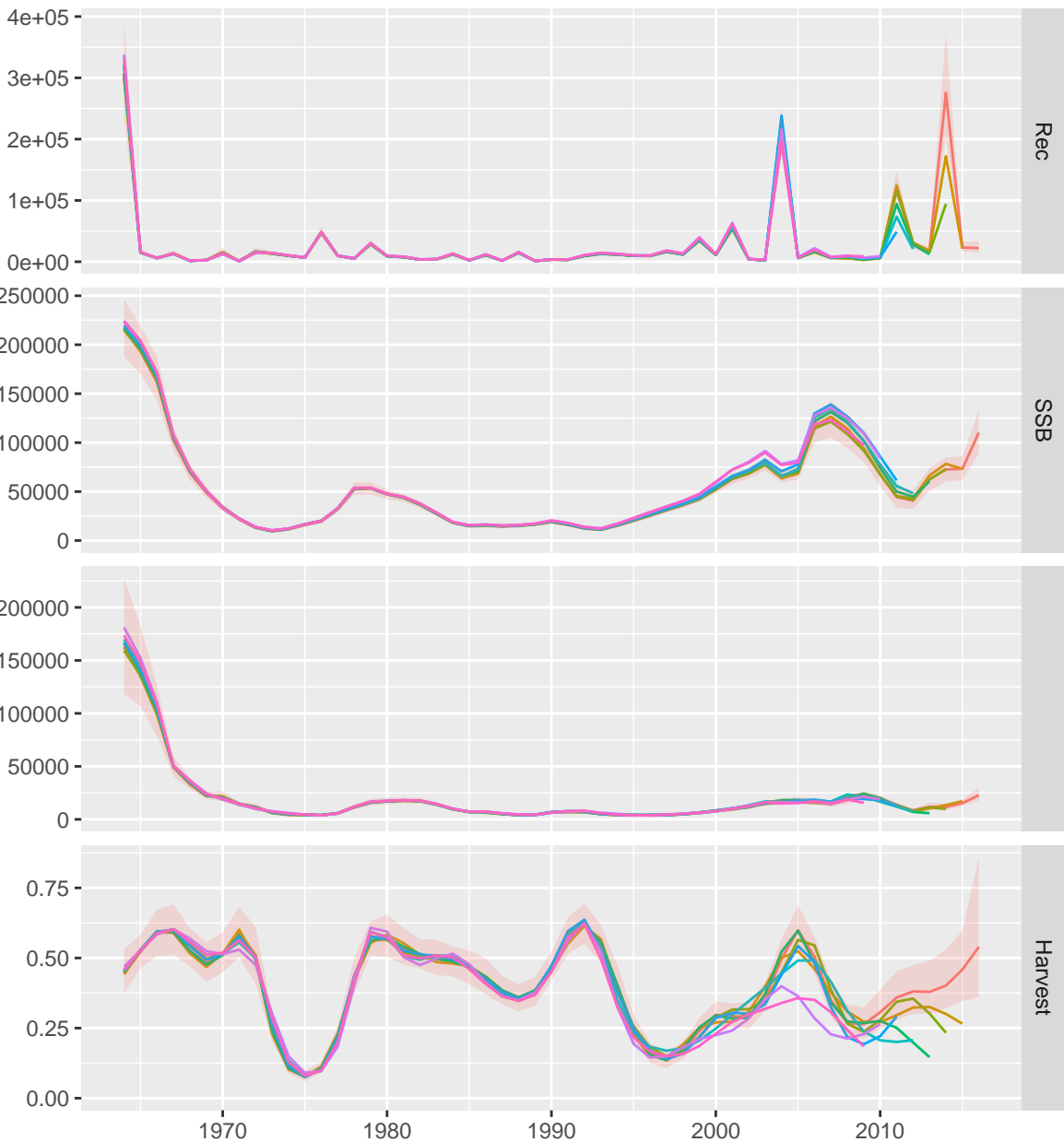


# DFO: fitted and observed index-at-age

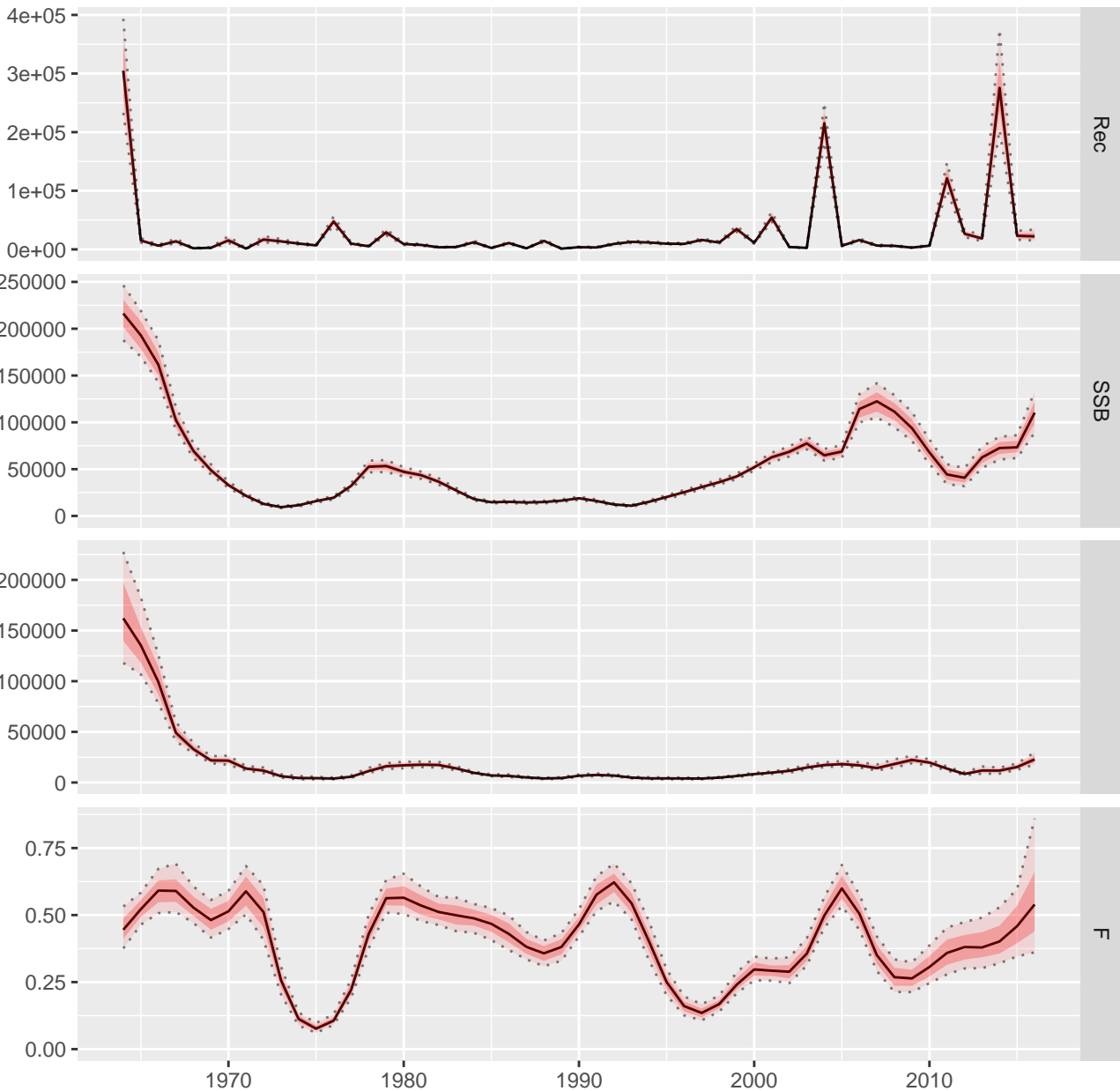
obs ——— fit ———



# Retrospective



# Stock summary





# Abundance indices predictions

