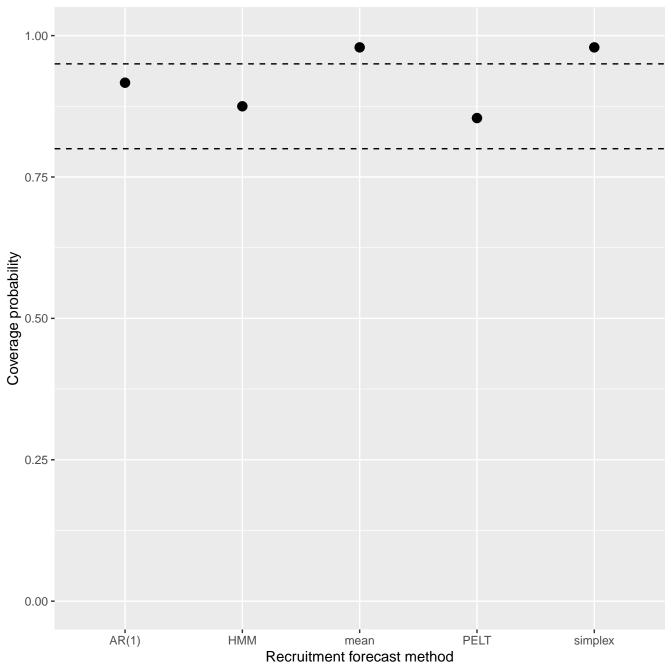
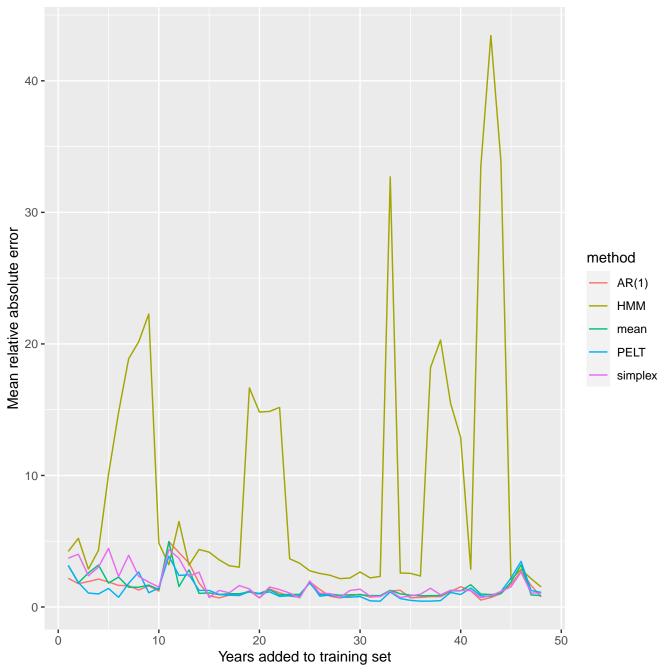
1-step Forecasts (a) mean (b) AR(1) 1.6e+10 1.0e+10 1.2e+10 **Recrit** 8.0e+09 4.0e+09 Recruitment 7.5e+09 5.0e+09 2.5e+09 0.0e+00 1975 2000 1975 2000 Year Year (c) simplex (d) PELT 1.2e+10 2.0e+10 Recruitment 9.0e+09 Recruitment 1.5e+10 6.0e+09 1.0e+10 3.0e+09 5.0e+09 0.0e+00 2000 1975 1975 2000 Year Year (e) HMM 3e+11 Recruitment 2e+11 1e+11 0e+00

1975

Year

2000





5-step Forecasts (a) mean (b) AR(1) 1.0e+10 7.5e+09 Recruitment Recruitment 7.5e+09 5.0e+09 5.0e+09 2.5e+09 2.5e+09 1975 2000 1975 2000 Year Year (c) simplex (d) PELT 1.2e+10 2.0e+10 **Secruitment** 9.0e+09 6.0e+09 3.0e+09 Recruitment 1.5e+10 1.0e+10 3.0e+09 5.0e+09 0.0e+00 1975 2000 1975 2000 Year Year (e) HMM 3e+11 Recruitment 2e+11 1e+11 0e+00 1975 2000

Year

