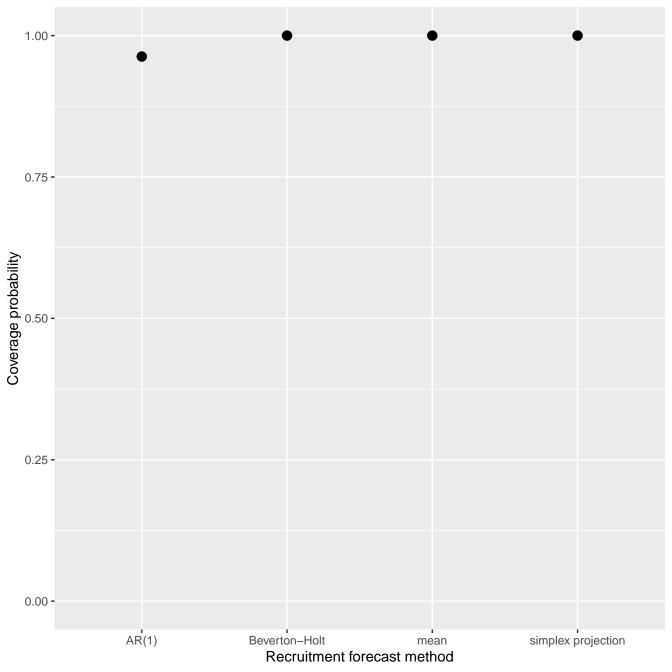
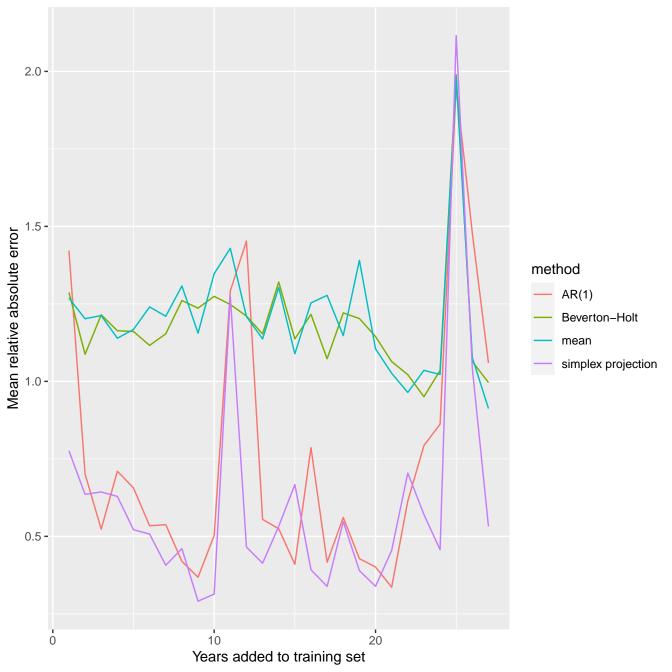
1-step Forecasts (a) Mean (b) AR(1) 60000 -60000 -Recruitment Recruitment 40000 -40000 -20000 -20000 -0 -0 -1980 2000 1980 1960 2000 1960 Year Year (c) Beverton-Holt (d) Simplex projection 60000 -40000 -Recruitment 40000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20000 - 20 Recruitment 20000 -0-0 -1980 2000 1960 1980 2000 1960 Year Year





5-step Forecasts (a) Mean (b) AR(1) 60000 -40000 -Recruitment 200000 -40000 -Recruitment 20000 -0 -0 -1980 2000 1960 1980 2000 1960 Year Year (c) Beverton-Holt (d) Simplex projection 40000 -40000 -Recruitment Recruitment 0 -0 -1980 2000 1960 1980 2000 1960 Year Year

