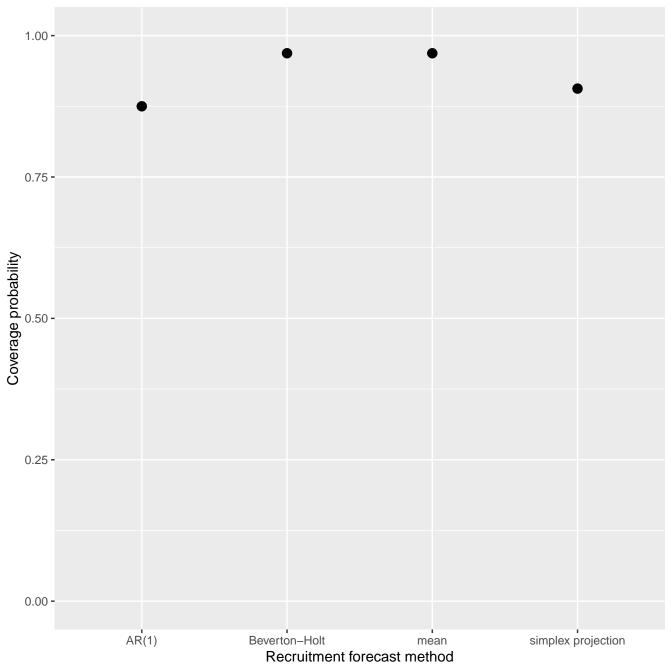
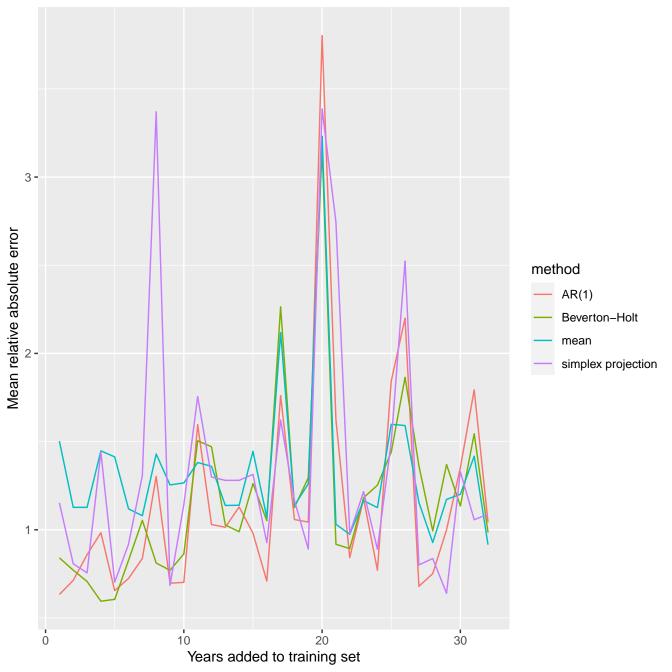
1-step Forecasts (a) Mean (b) AR(1) 40000 -40000 -Recruitment - 00000 - 00000 - 00000 - 00000 10000 -10000 -1980 1980 2020 1960 2000 2020 1960 2000 Year Year (c) Beverton-Holt (d) Simplex projection 50000 -40000 -40000 -Recruitment 200000 - 000000 -Recruitment 30000 -20000 -10000 -10000 -1980 1980 2020 1960 1960 2000 2020 2000 Year Year





5-step Forecasts (a) Mean (b) AR(1) 40000 -40000 -Recruitment 30000 - 00000 - 00000 -Recruitment 30000 -20000 -10000 -10000 -2020 1960 1980 2000 2020 1960 1980 2000 Year Year (c) Beverton-Holt (d) Simplex projection 40000 -40000 -Recruitment 30000 - 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 - 00000 - 00000 10000 -10000 -1980 1980 2020 2000 2020 1960 2000 1960

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