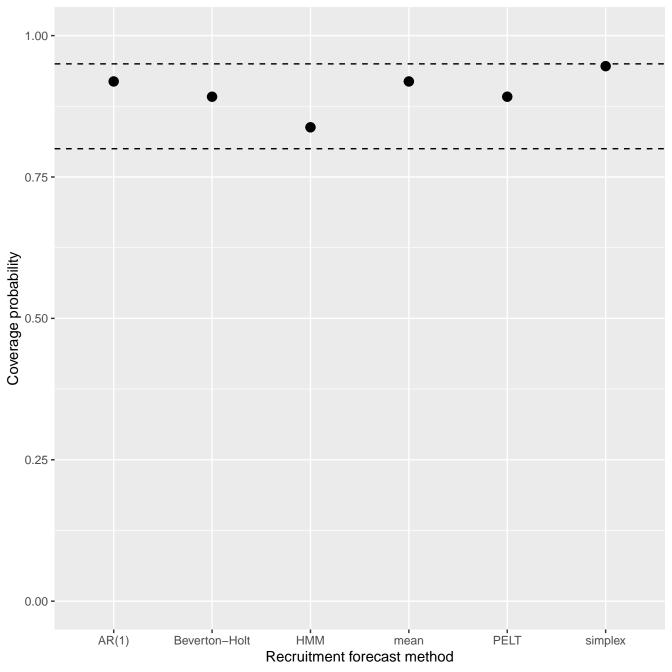
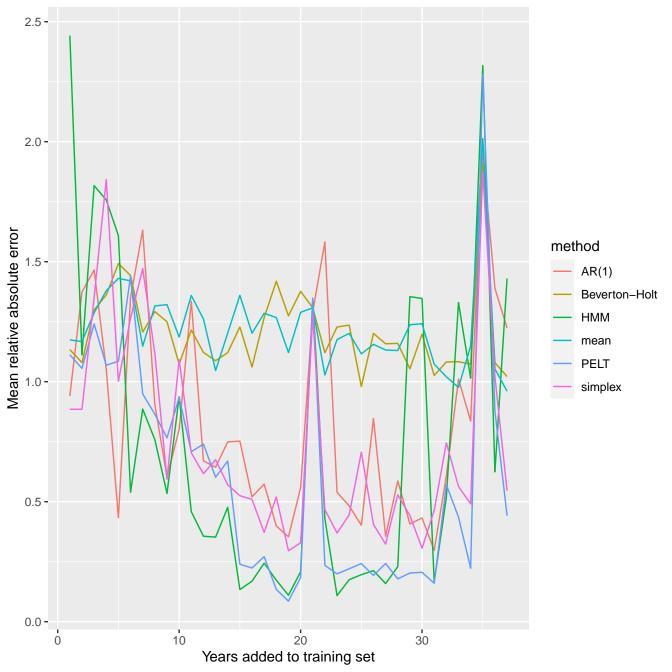
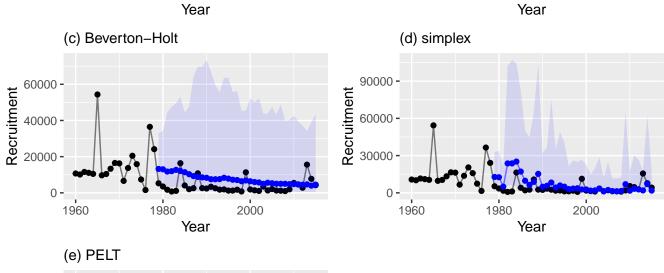
1-step Forecasts (a) mean (b) AR(1) 75000 -Recruitment 40000 - 00 60000 -Recruitment 50000 -25000 **-**0 -0 -1980 2000 2000 1980 1960 1960 Year Year (c) Beverton-Holt (d) simplex 80000 -Recruitment 40000 - 20000 - 20000 -60000 -Recruitment 40000 - 20 0 -0 -2000 1980 2000 1980 1960 1960 Year Year (e) HMM (f) PELT 150000 -Recruitment 40000 - 20 60000 -Recruitment 100000 -50000 -0 -0 -2000 2000 1960 1980 1960 1980 Year Year

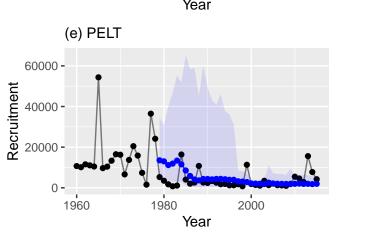




- 1960

5-step Forecasts





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