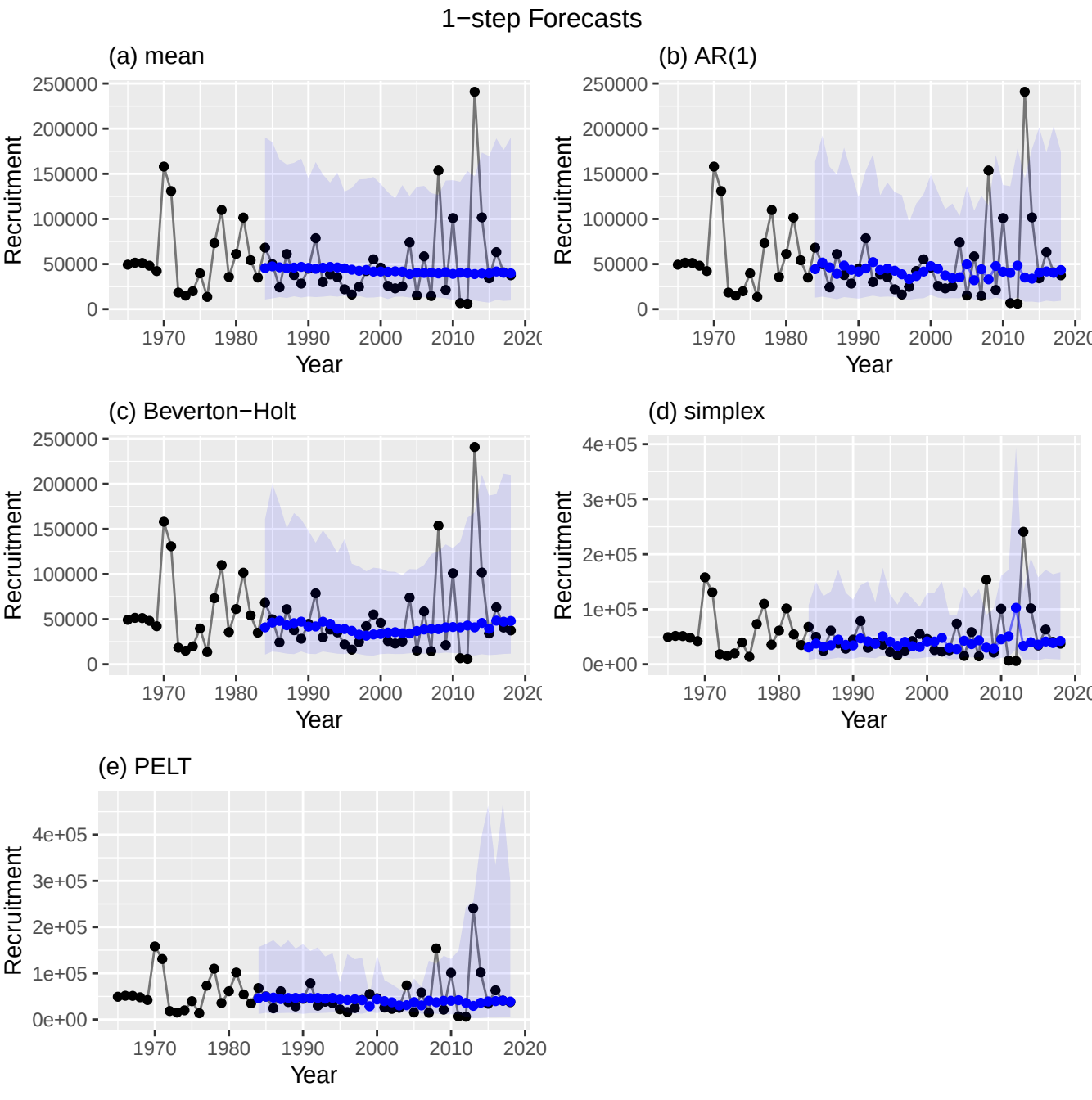
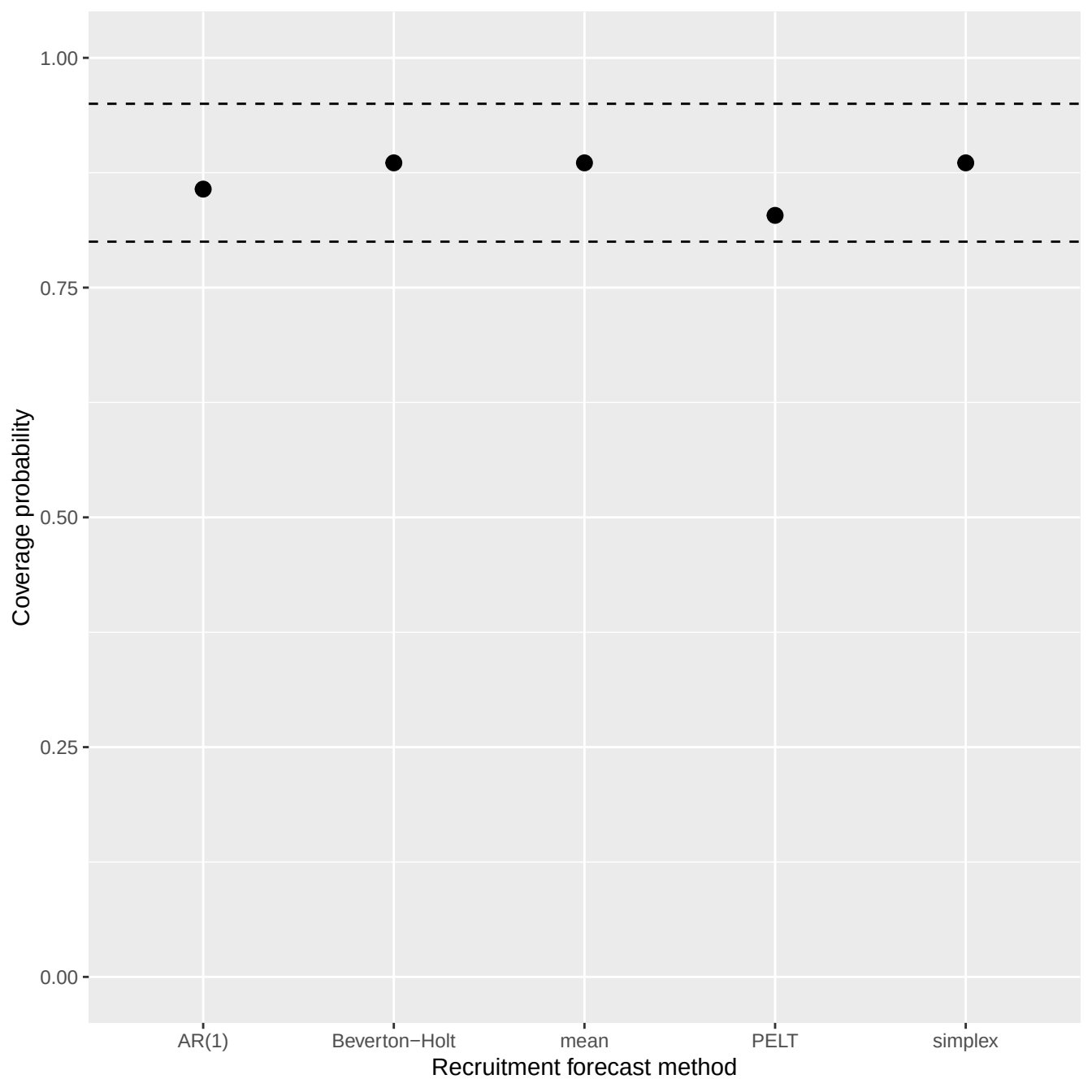
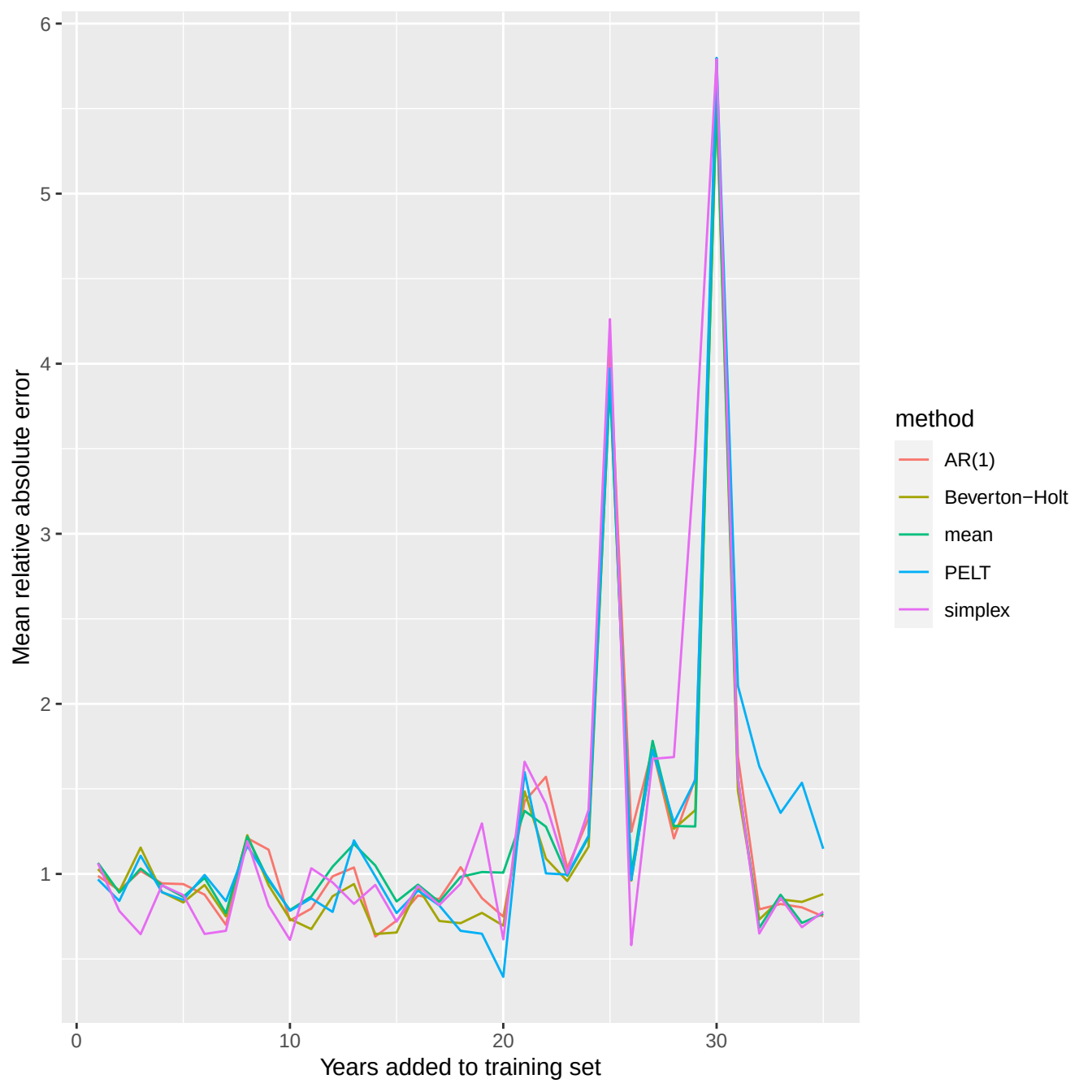
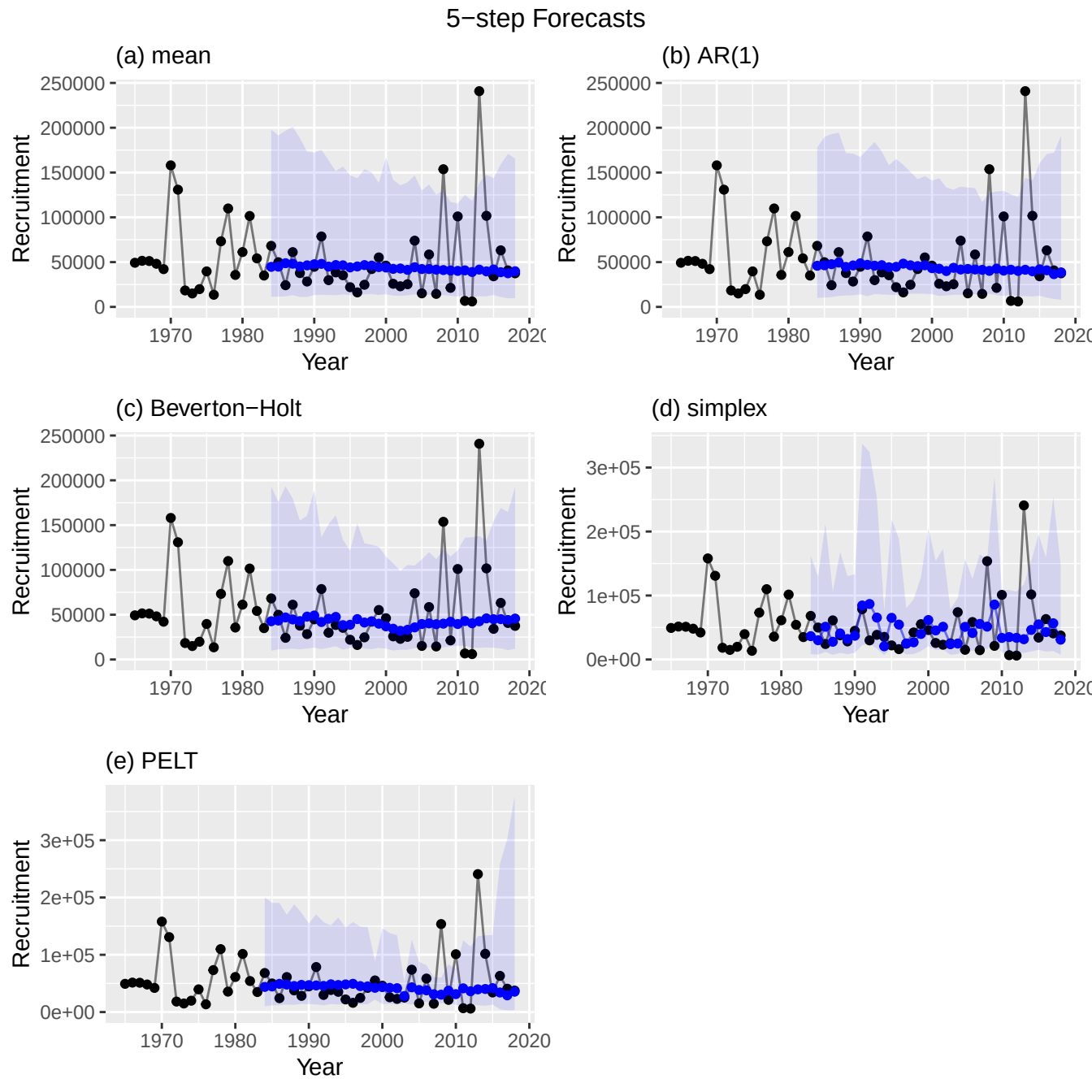
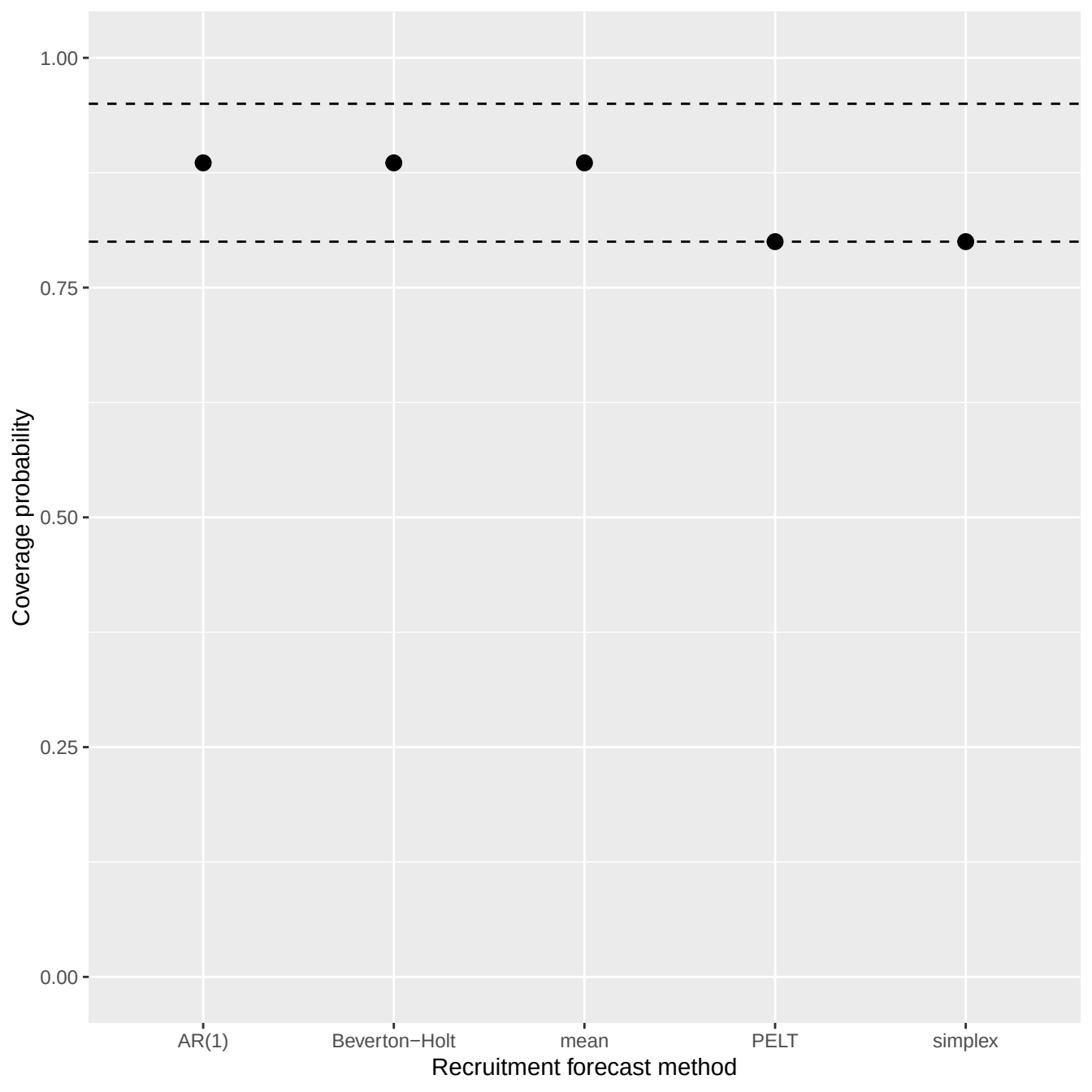
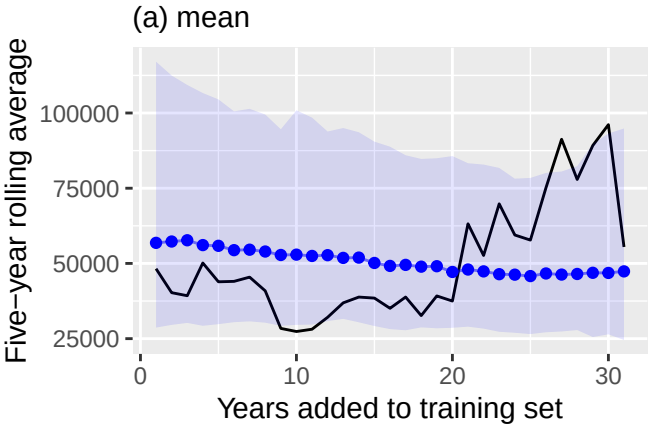

1−step Forecasts
(a) mean
(b) AR(1)
(c) Beverton−Holt
(d) simplex
(e) PELT
Recruitment
Year
250000
200000
150000
100000
50000
0
4e+05
3e+05
2e+05
1e+05
0e+00
1970
1980
1990
2000
2010
2020

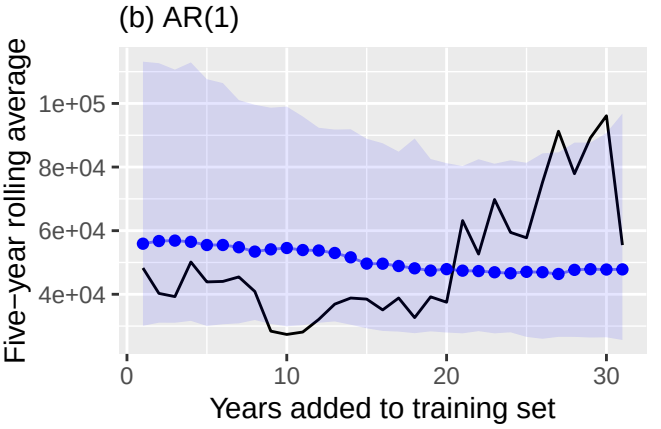

1.00
0.75
0.50
0.25
0.00
Coverage probability
AR(1)
Beverton−Holt
mean
PELT
simplex
Recruitment forecast method

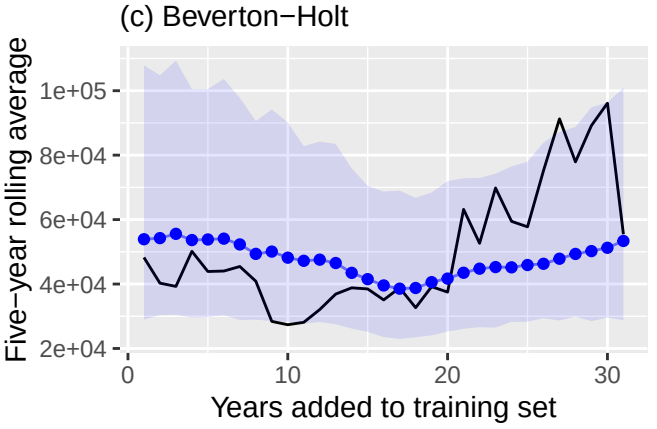

Mean relative absolute error
Years added to training set
0
10
20
30
1
2
3
4
5
6
method
AR(1)
Beverton−Holt
mean
PELT
simplex

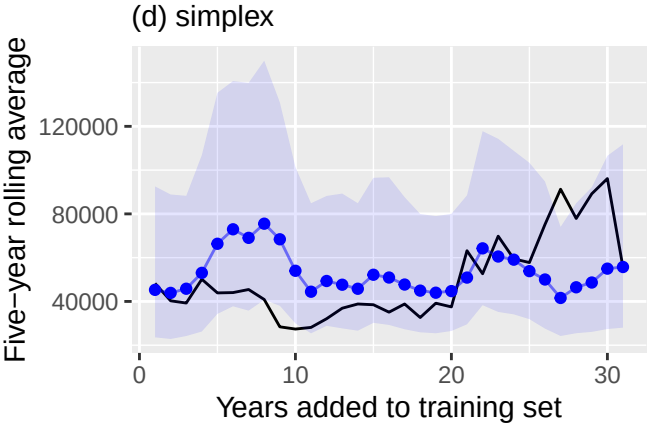

5−step Forecasts
(a) mean
(b) AR(1)
(c) Beverton−Holt
(d) simplex
(e) PELT
Recruitment
Year
250000
200000
150000
100000
50000
0
3e+05
2e+05
1e+05
0e+00
1970
1980
1990
2000
2010
2020

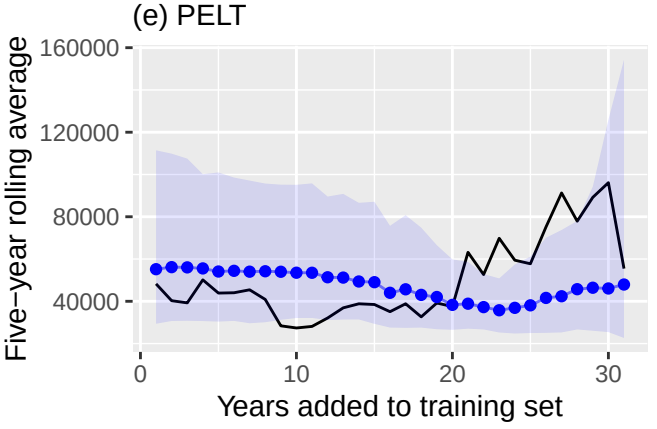

1.00
0.75
0.50
0.25
0.00
Coverage probability
AR(1)
Beverton−Holt
mean
PELT
simplex
Recruitment forecast method


(a) mean
Five−year rolling average
100000
75000
50000
25000
0
10
20
30
Years added to training set


(b) AR(1)
Five−year rolling average
1e+05
8e+04
6e+04
4e+04
0
10
20
30
Years added to training set


(c) Beverton−Holt
Five−year rolling average
1e+05
8e+04
6e+04
4e+04
2e+04
0
10
20
30
Years added to training set


(d) simplex
Five−year rolling average
120000
80000
40000
0
10
20
30
Years added to training set


(e) PELT
Five−year rolling average
160000
120000
80000
40000
0
10
20
30
Years added to training set