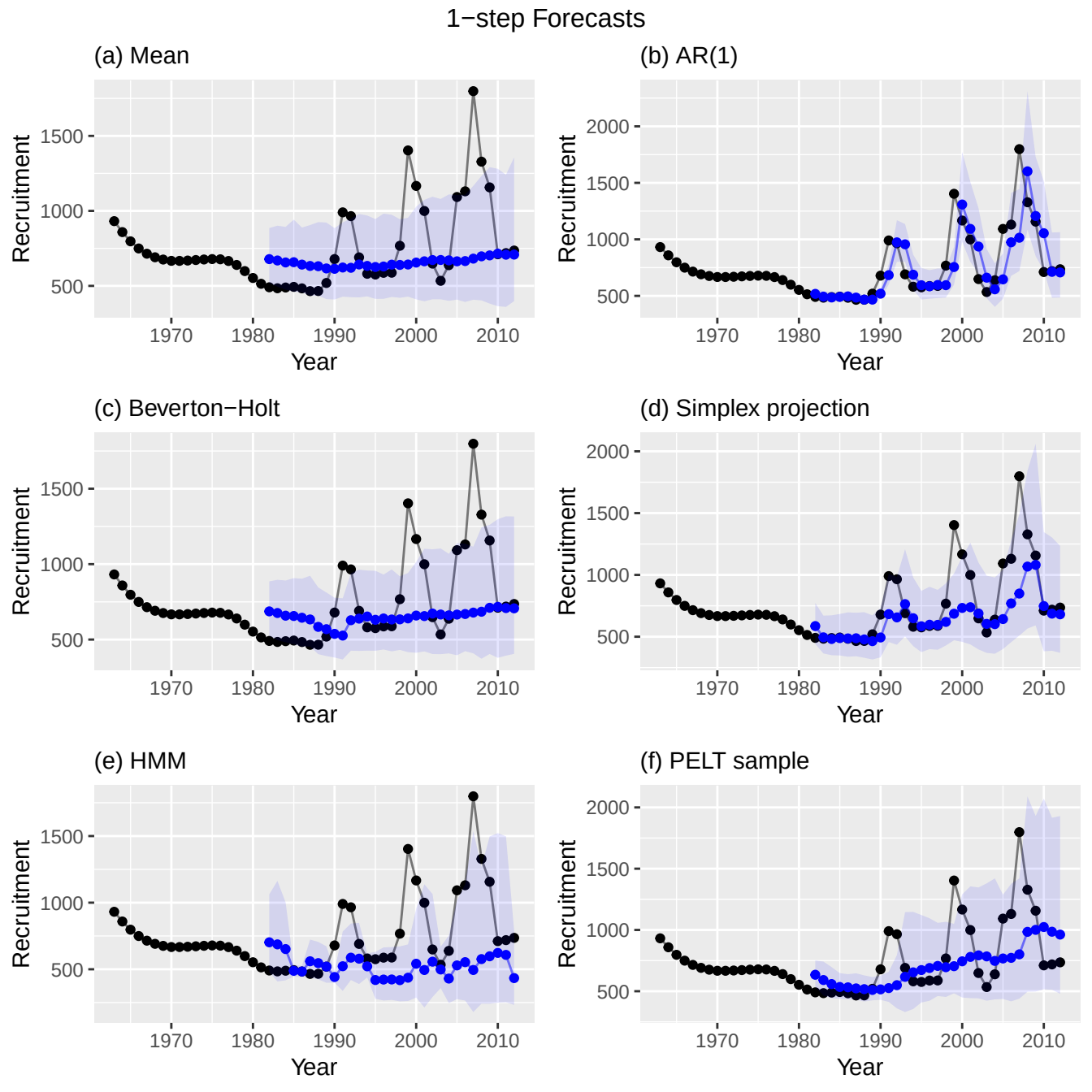
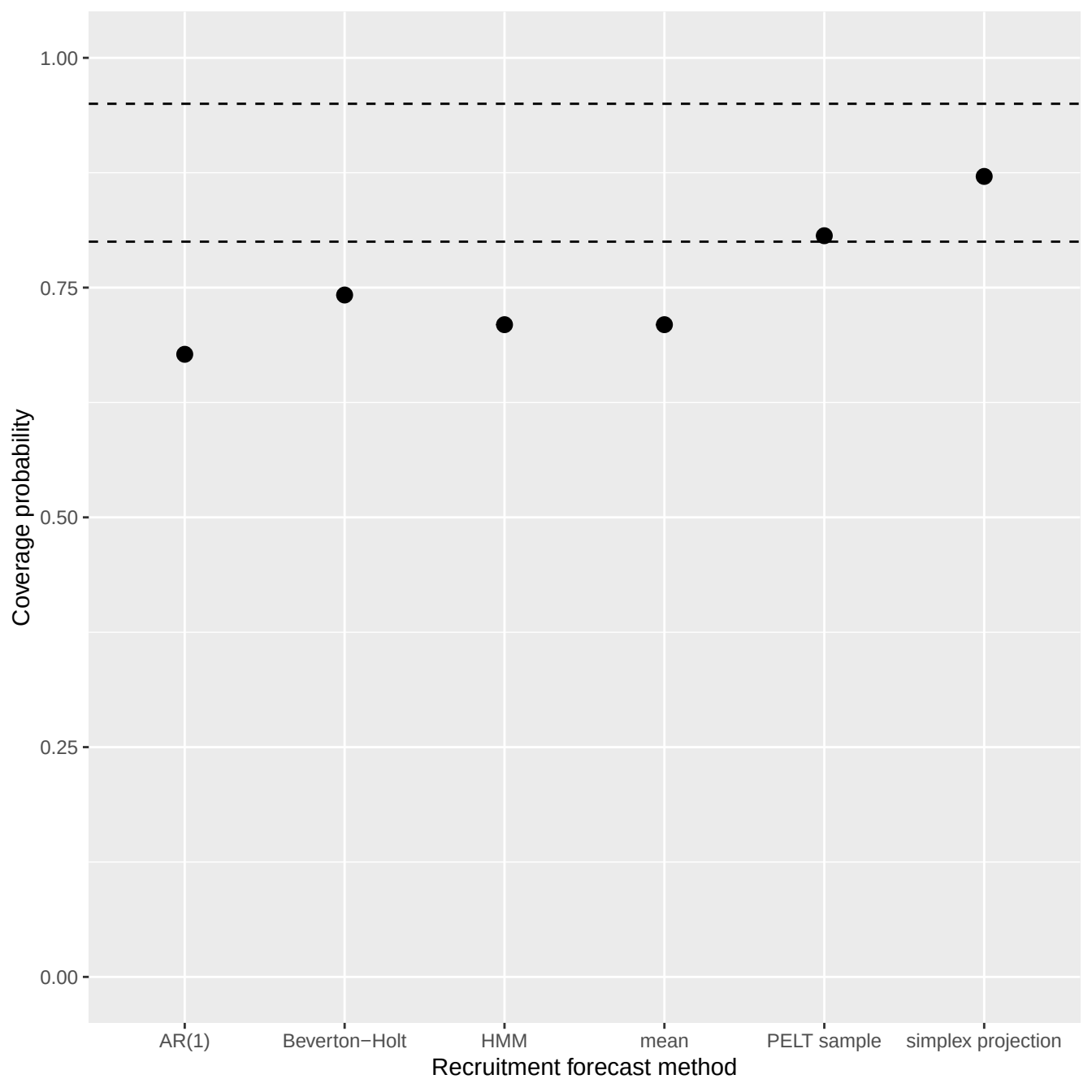
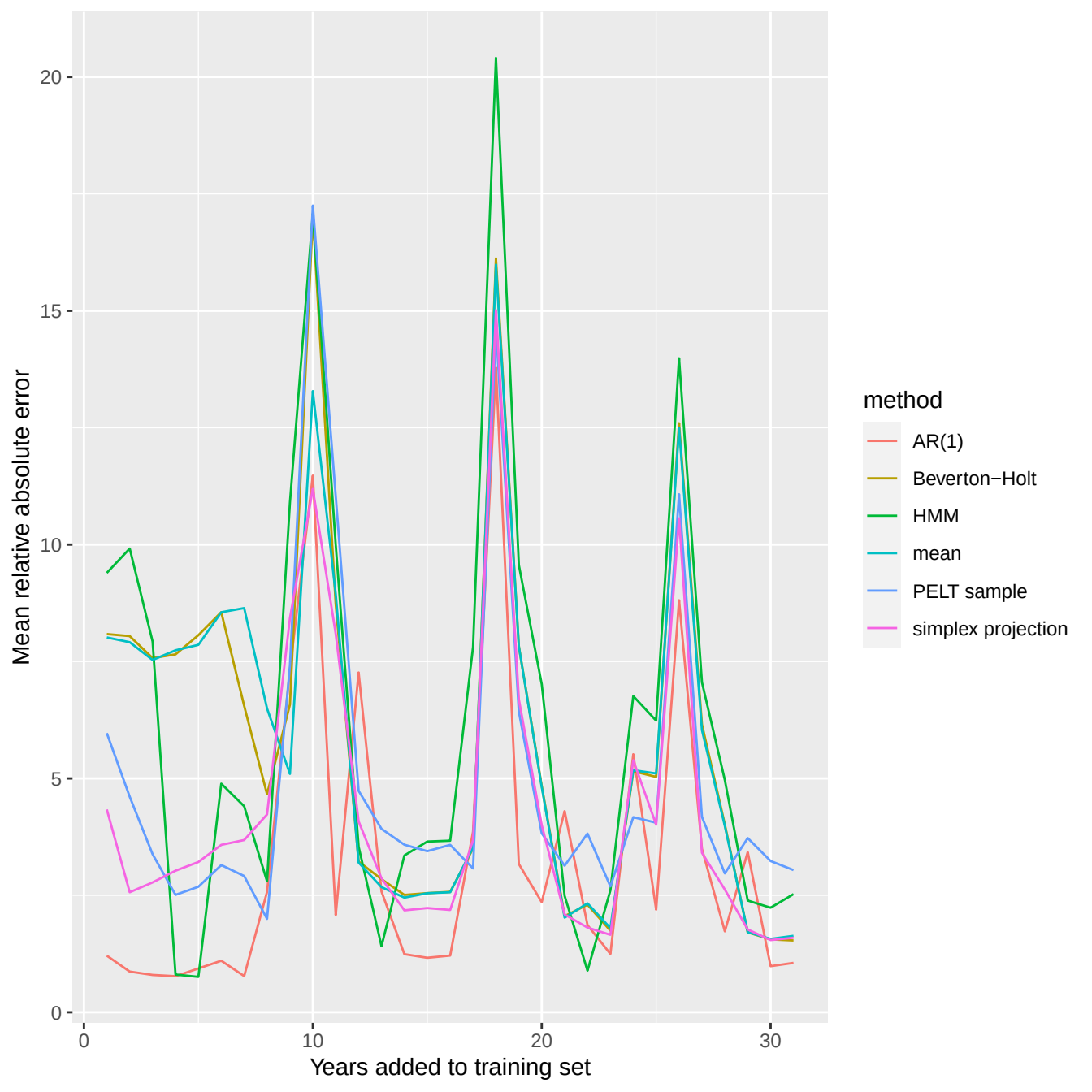
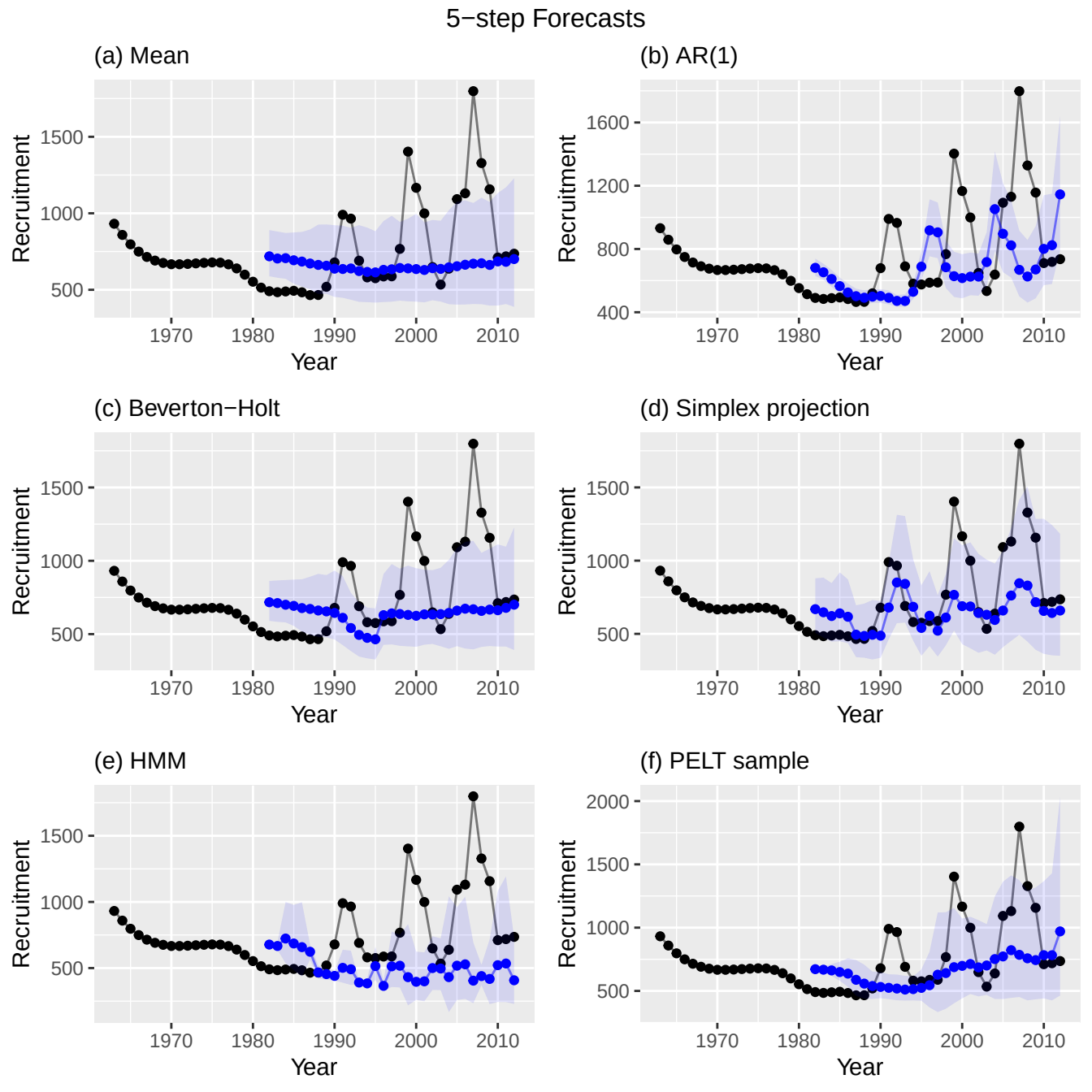
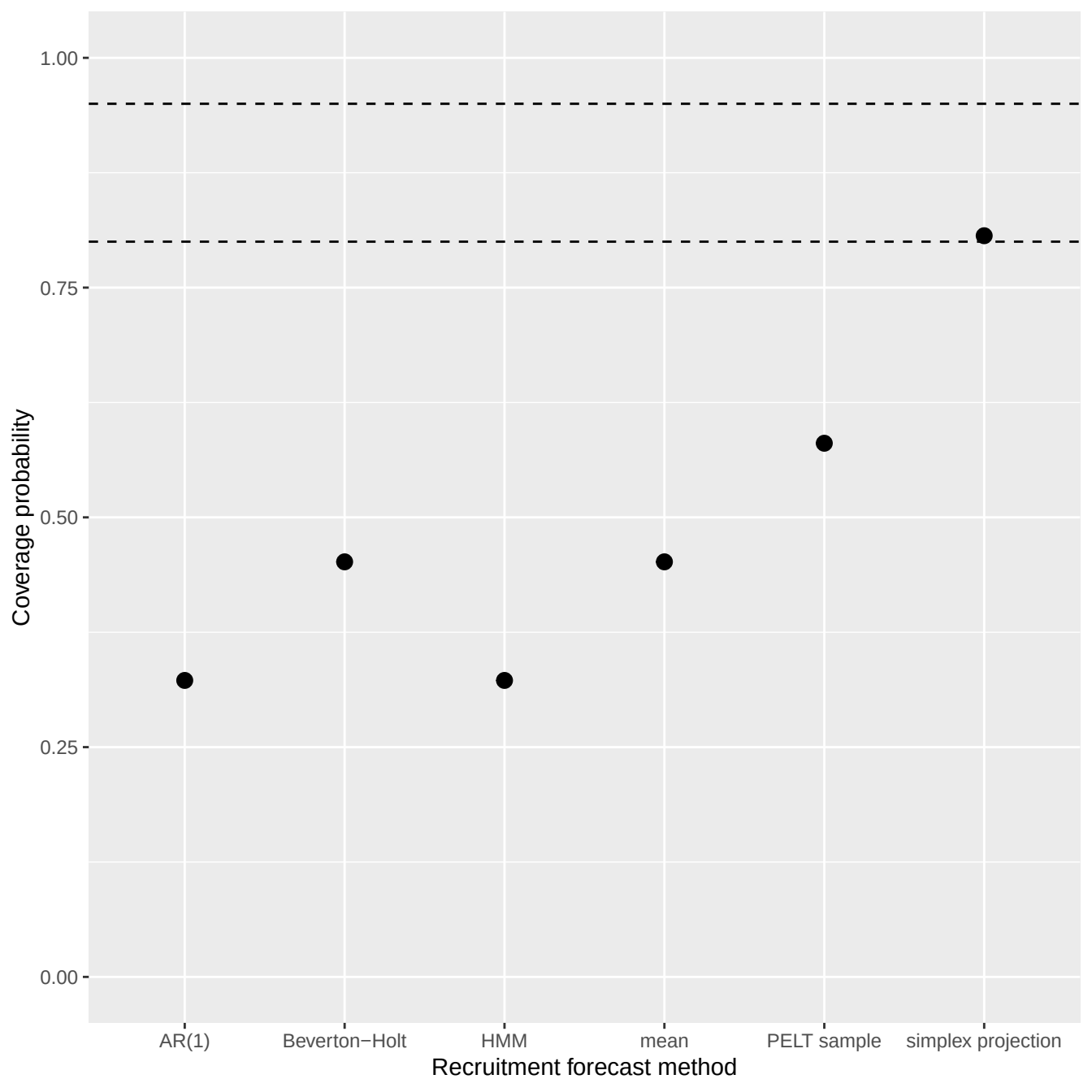
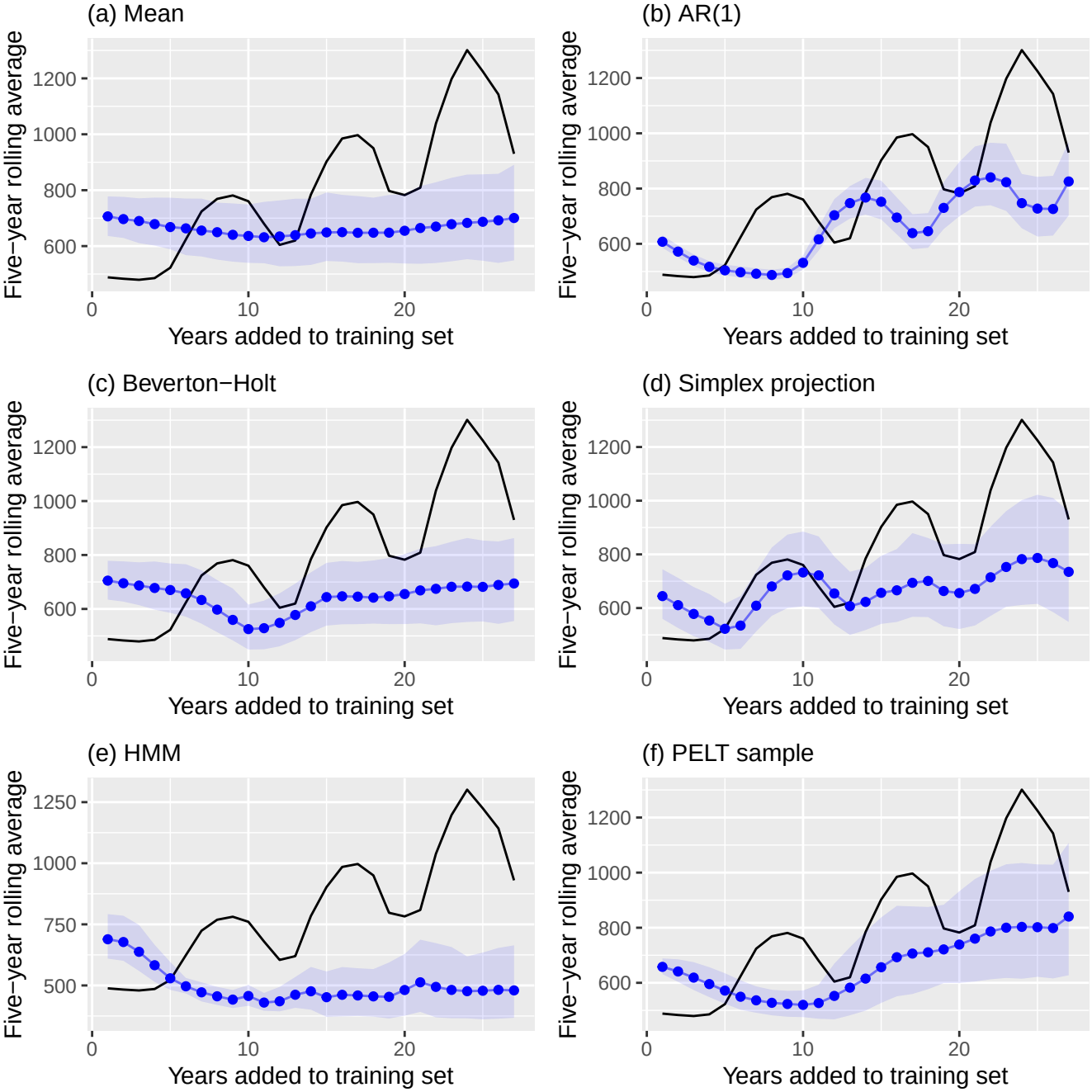

1−step Forecasts
(a) Mean
(b) AR(1)
(c) Beverton−Holt
(d) Simplex projection
(e) HMM
(f) PELT sample
Recruitment
Year
500
1000
1500
2000
1970
1980
1990
2000
2010


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


Mean relative absolute error
20
15
10
5
0
0
10
20
30
Years added to training set
method
AR(1)
Beverton−Holt
HMM
mean
PELT sample
simplex projection


5−step Forecasts
(a) Mean
(b) AR(1)
(c) Beverton−Holt
(d) Simplex projection
(e) HMM
(f) PELT sample
Recruitment
Year
1500
1000
500
1600
1200
800
400
2000
1970
1980
1990
2000
2010


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


(a) Mean
(b) AR(1)
(c) Beverton−Holt
(d) Simplex projection
(e) HMM
(f) PELT sample
Five−year rolling average
Years added to training set
0
10
20
500
600
750
800
1000
1200
1250