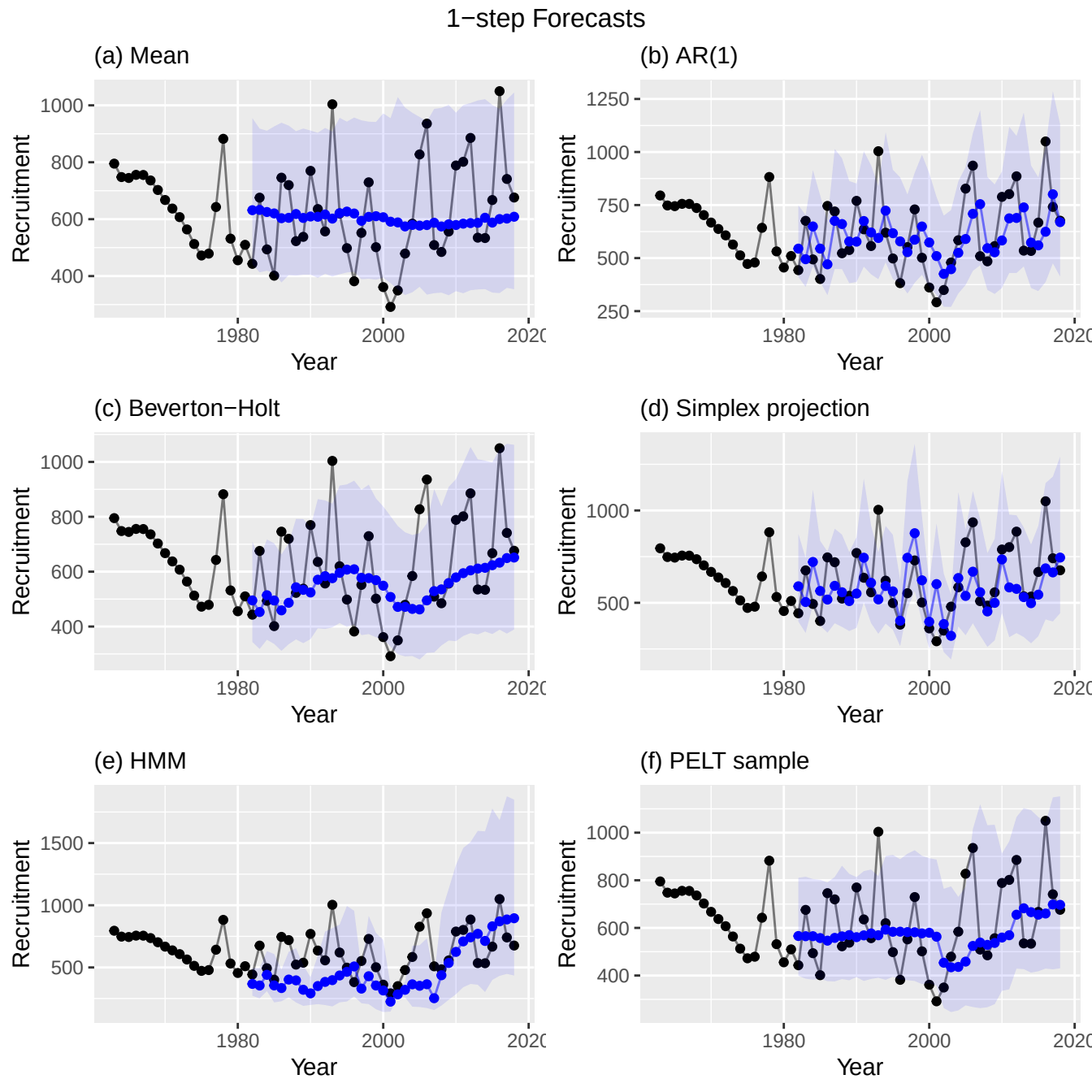
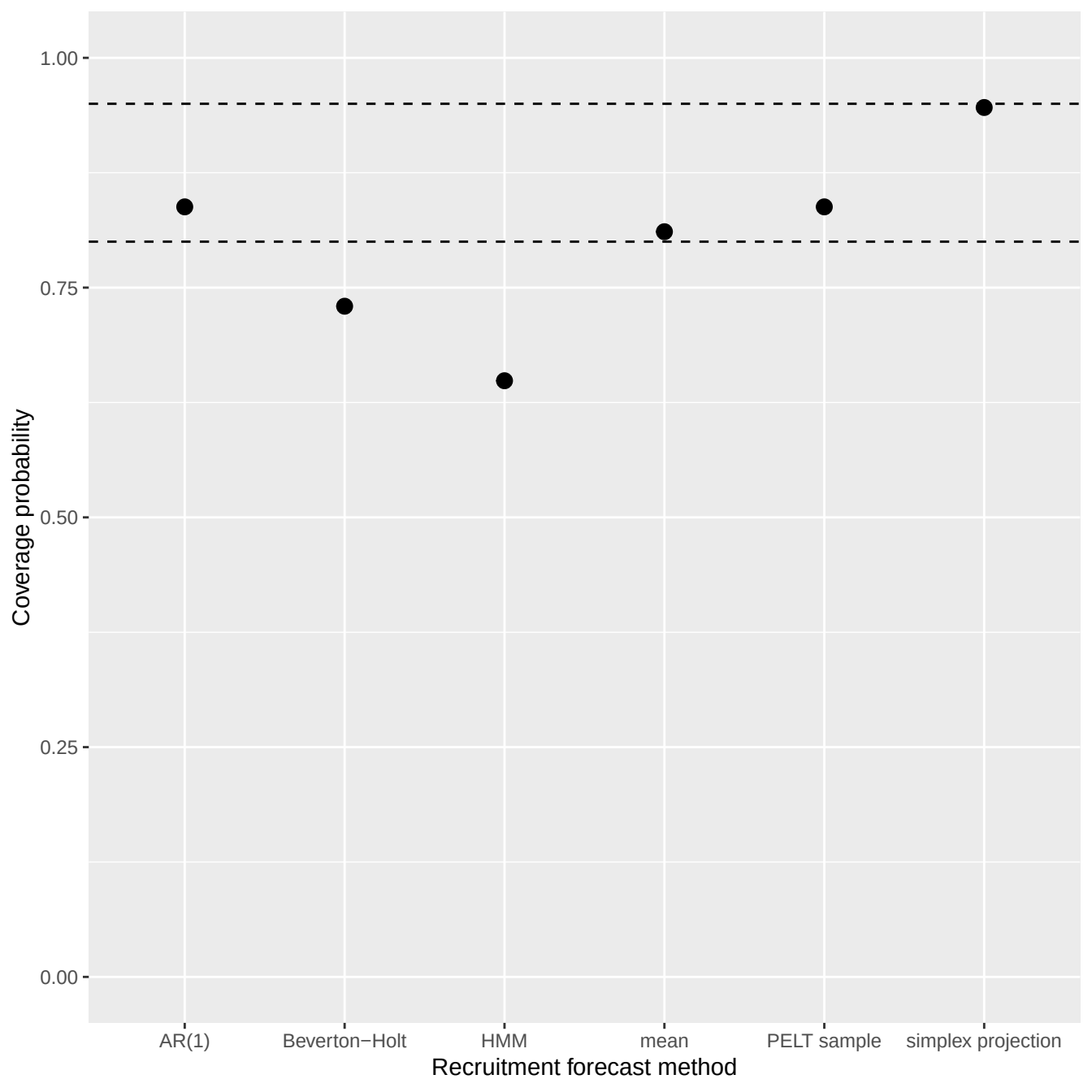
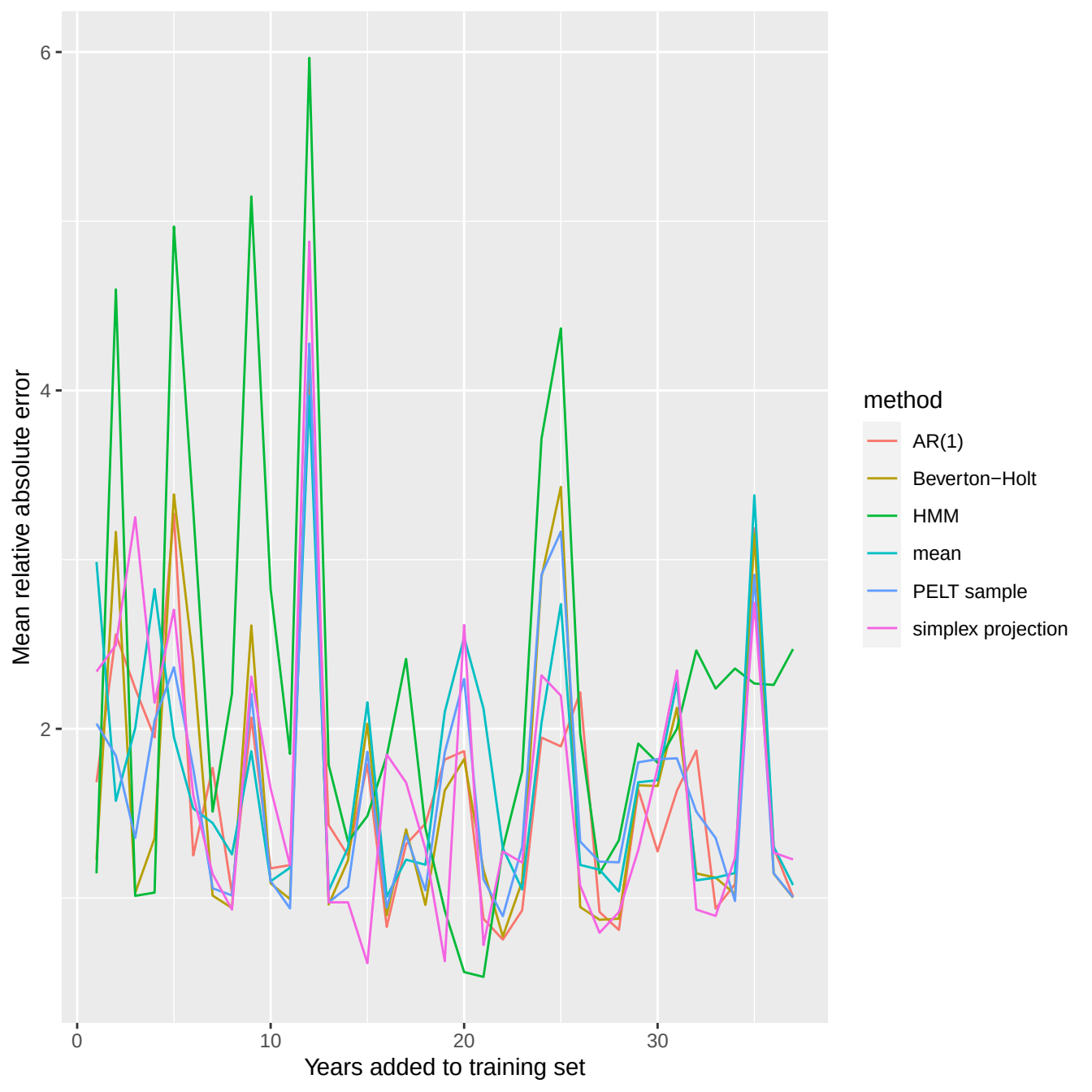
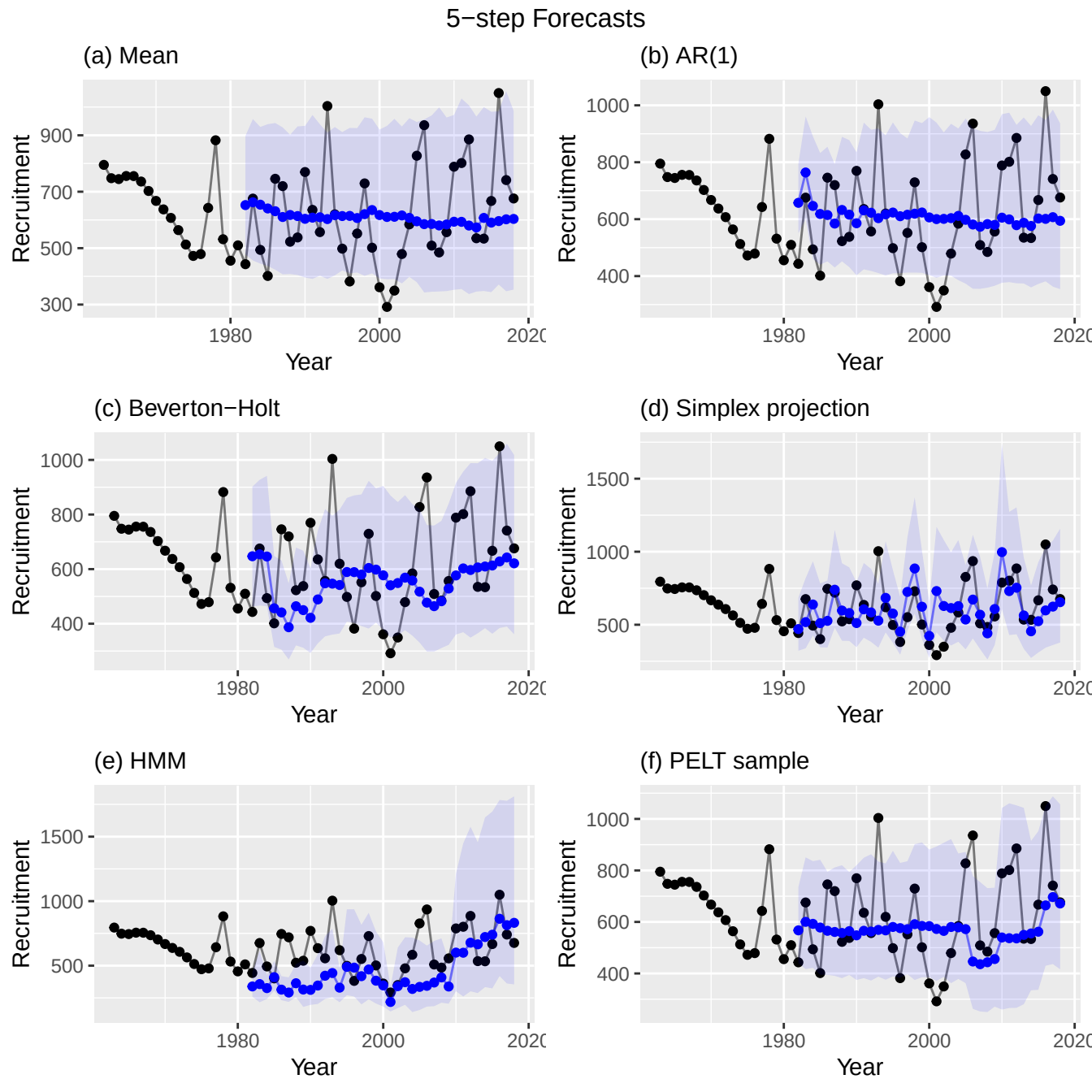
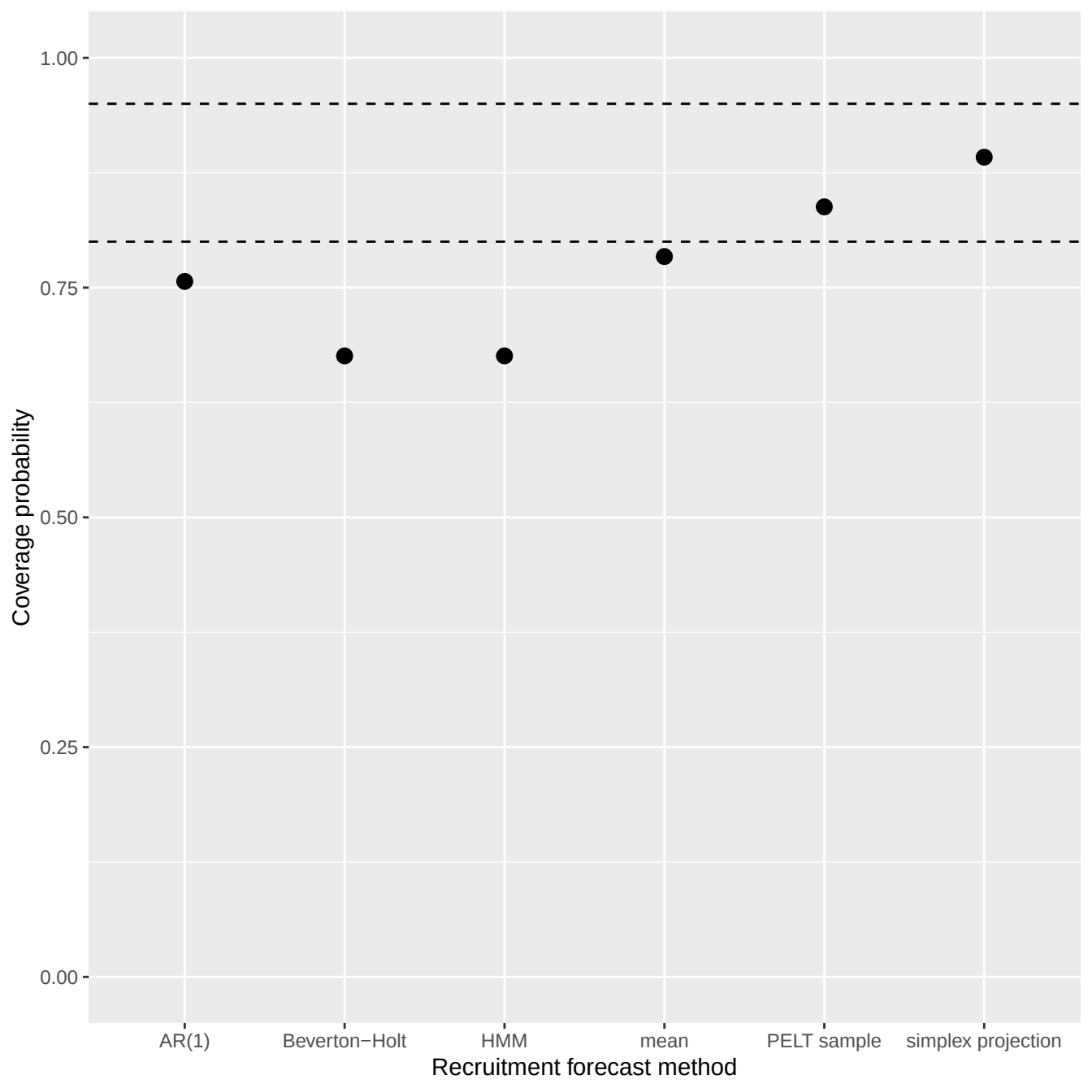
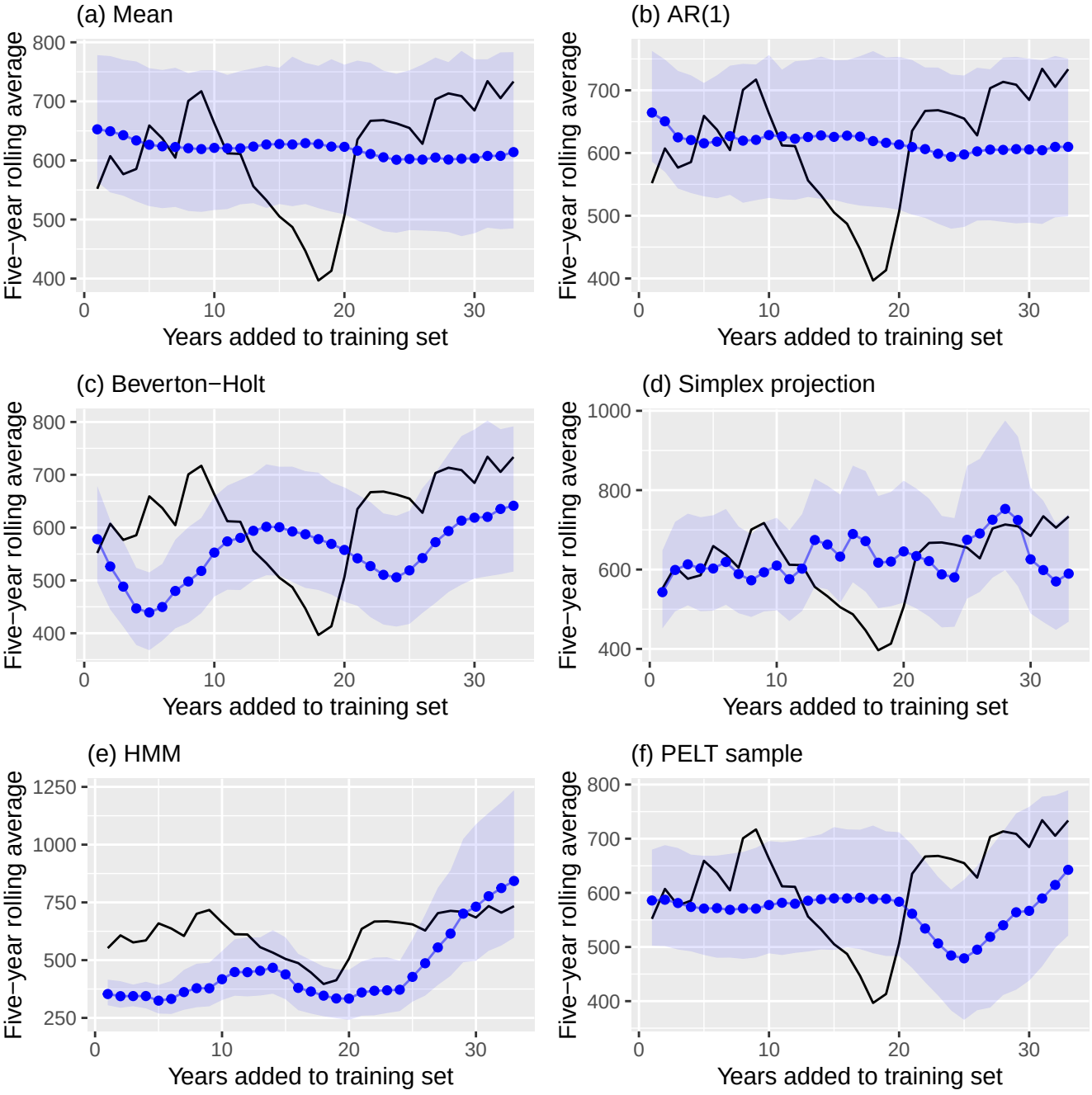

1−step Forecasts
(a) Mean
(b) AR(1)
(c) Beverton−Holt
(d) Simplex projection
(e) HMM
(f) PELT sample
Recruitment
Year
1980
2000
2020


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


6
4
2
0
10
20
30
Mean relative absolute error
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
1980
2000
2020
300
400
500
600
700
800
900
1000
1500


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
30
400
500
600
700
800
1000
1250
750
250