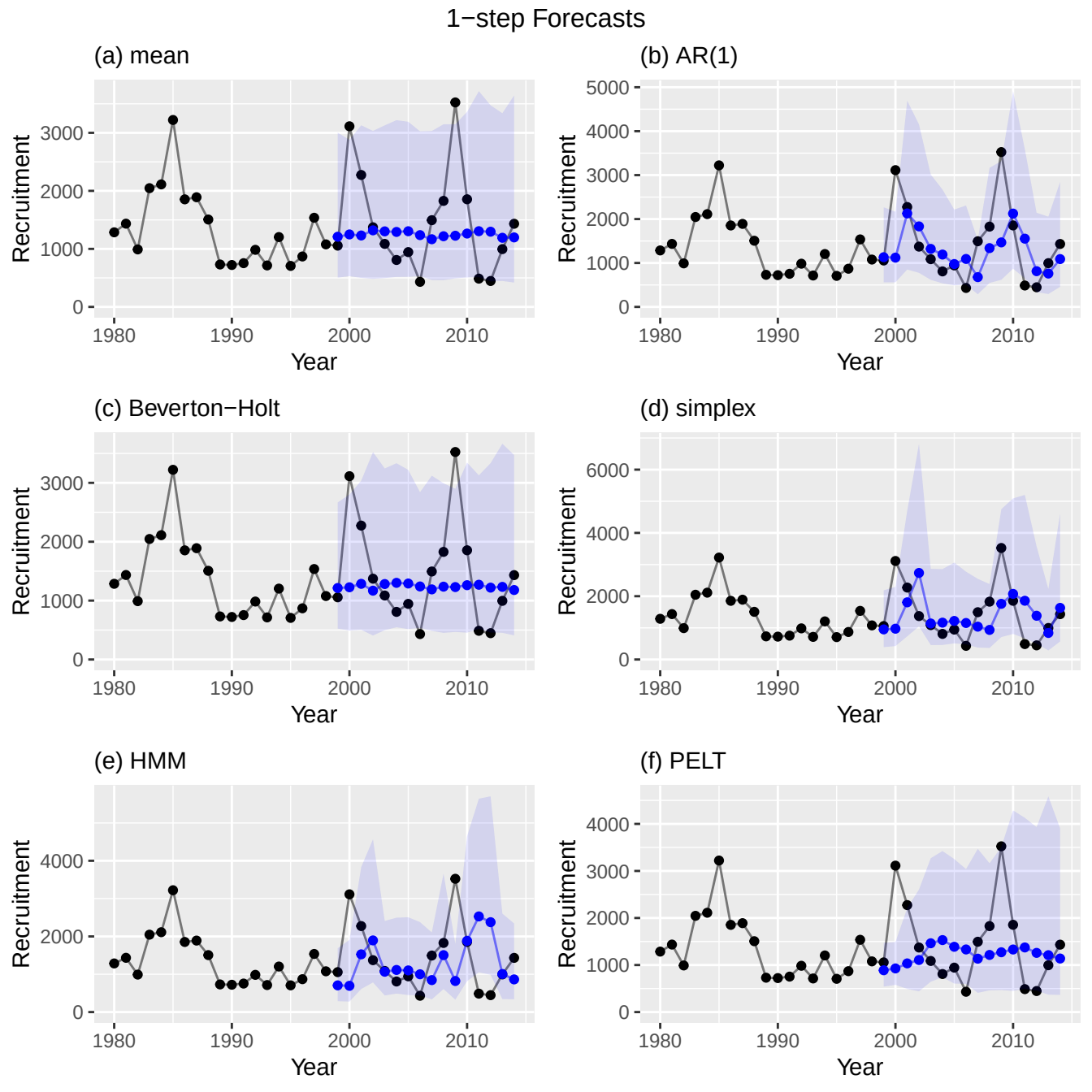
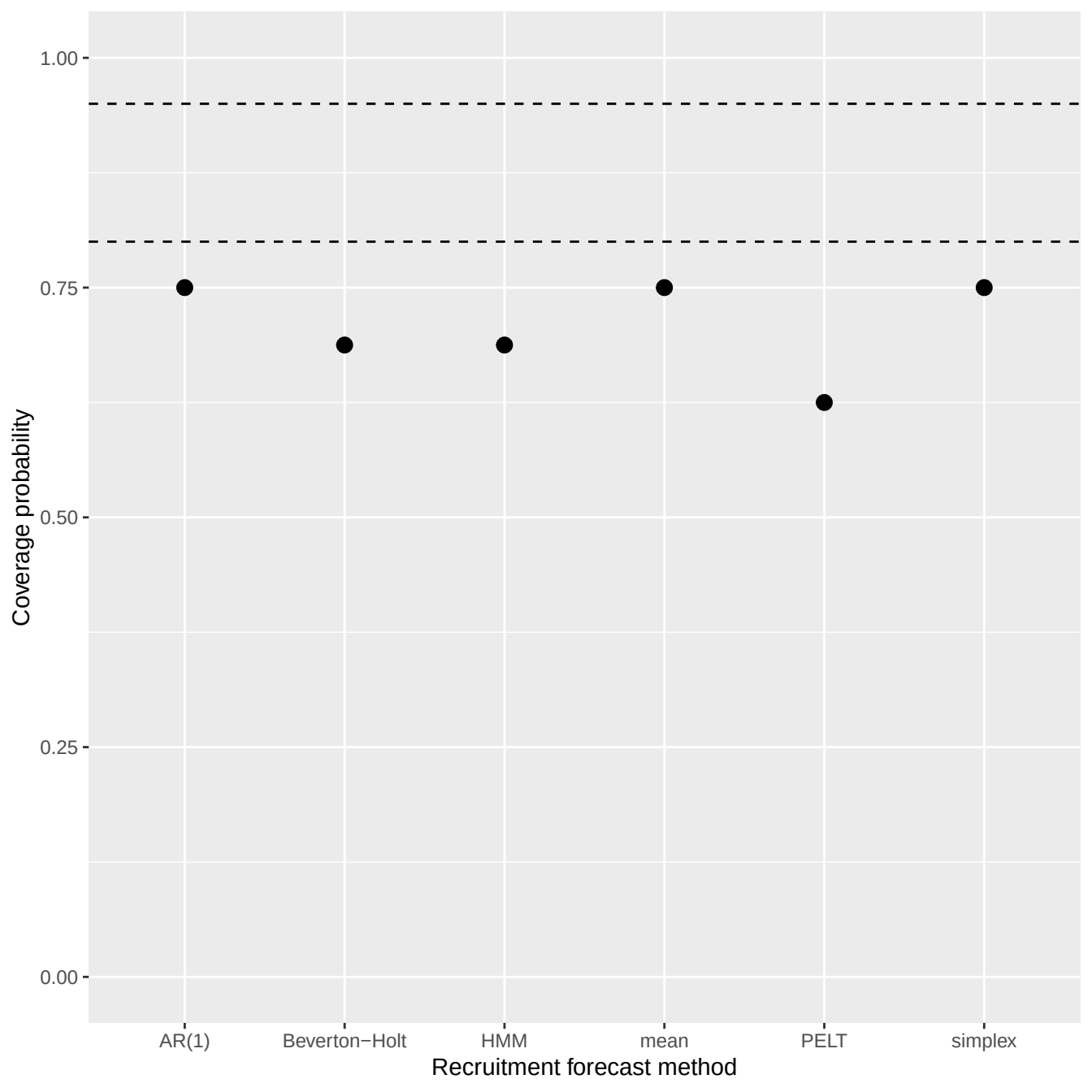
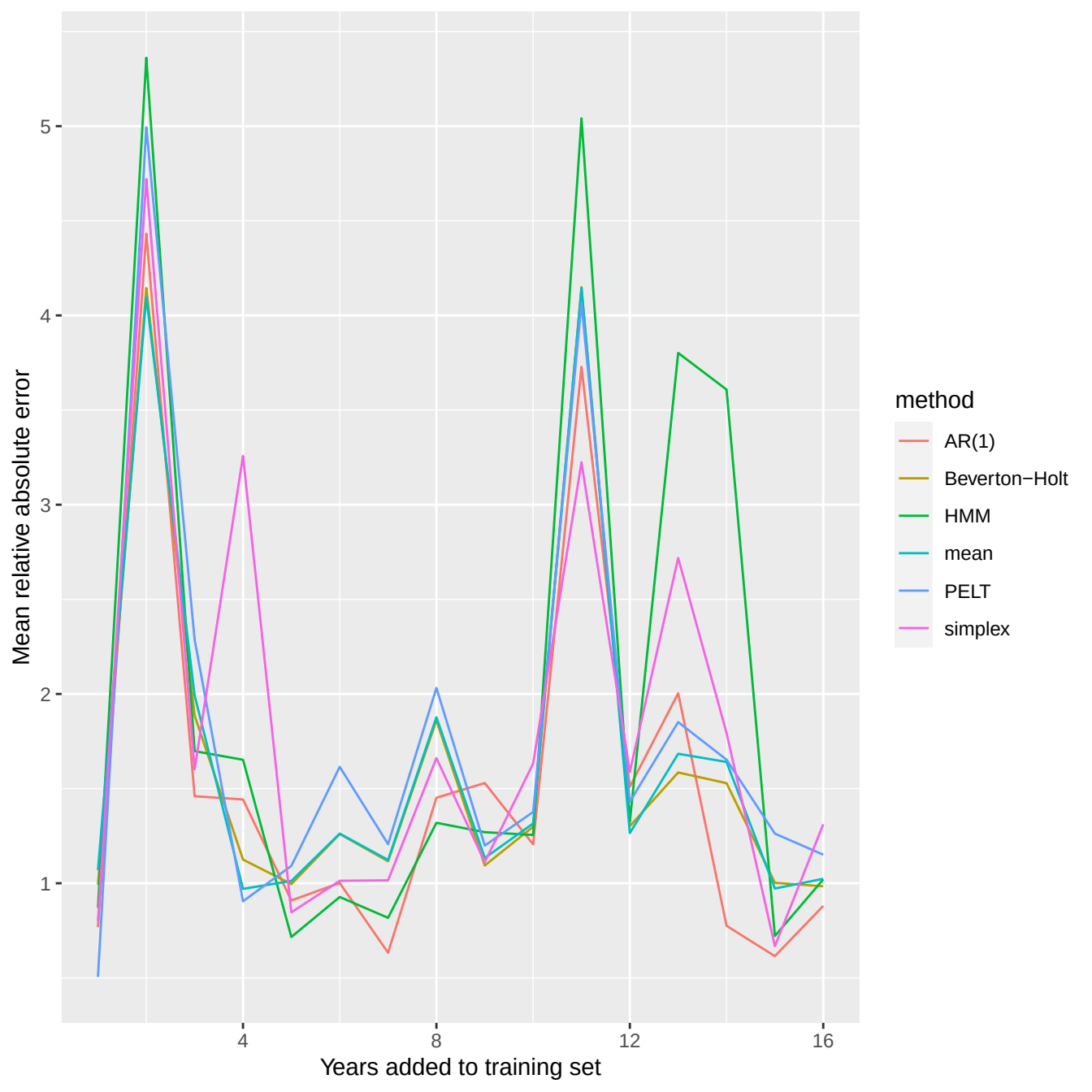
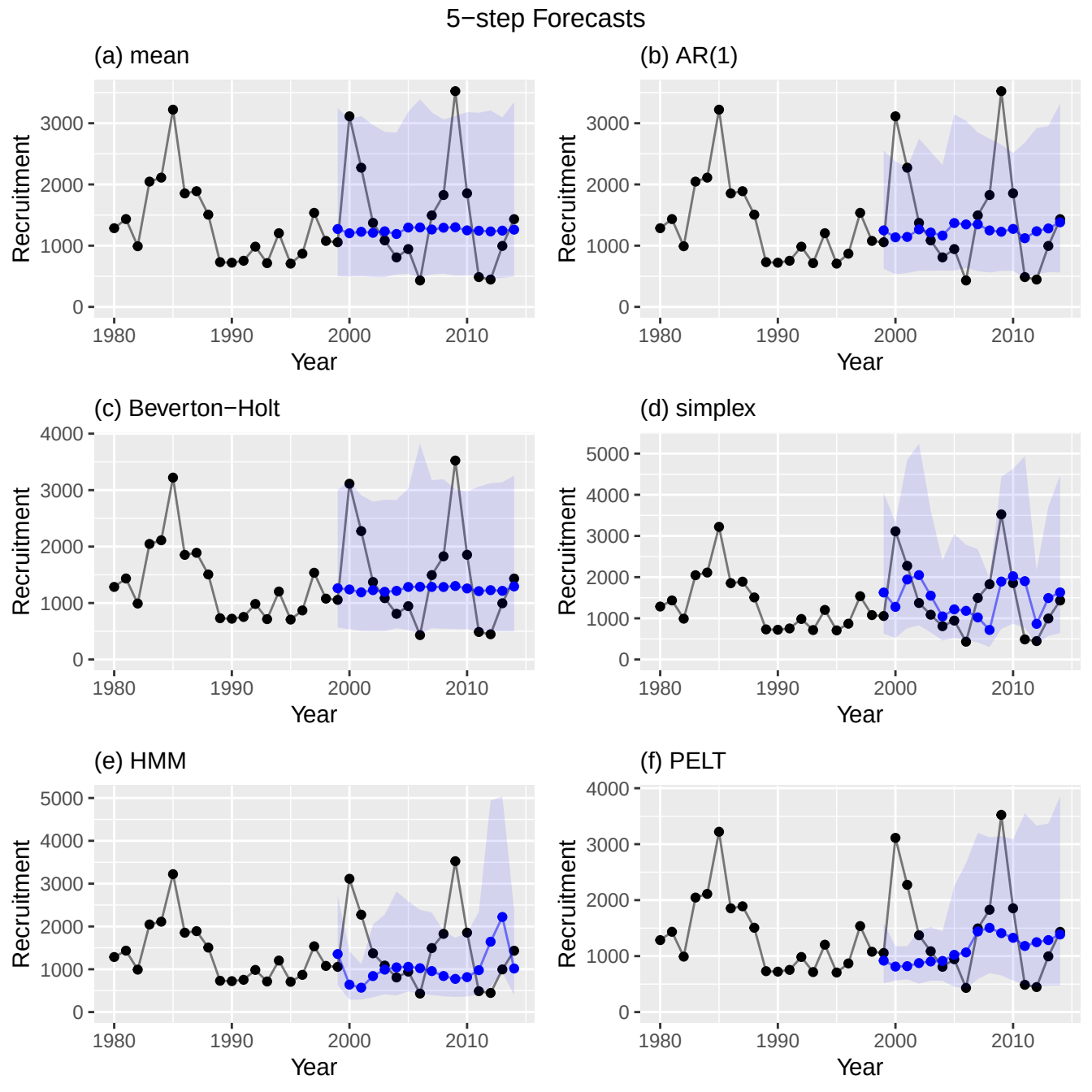
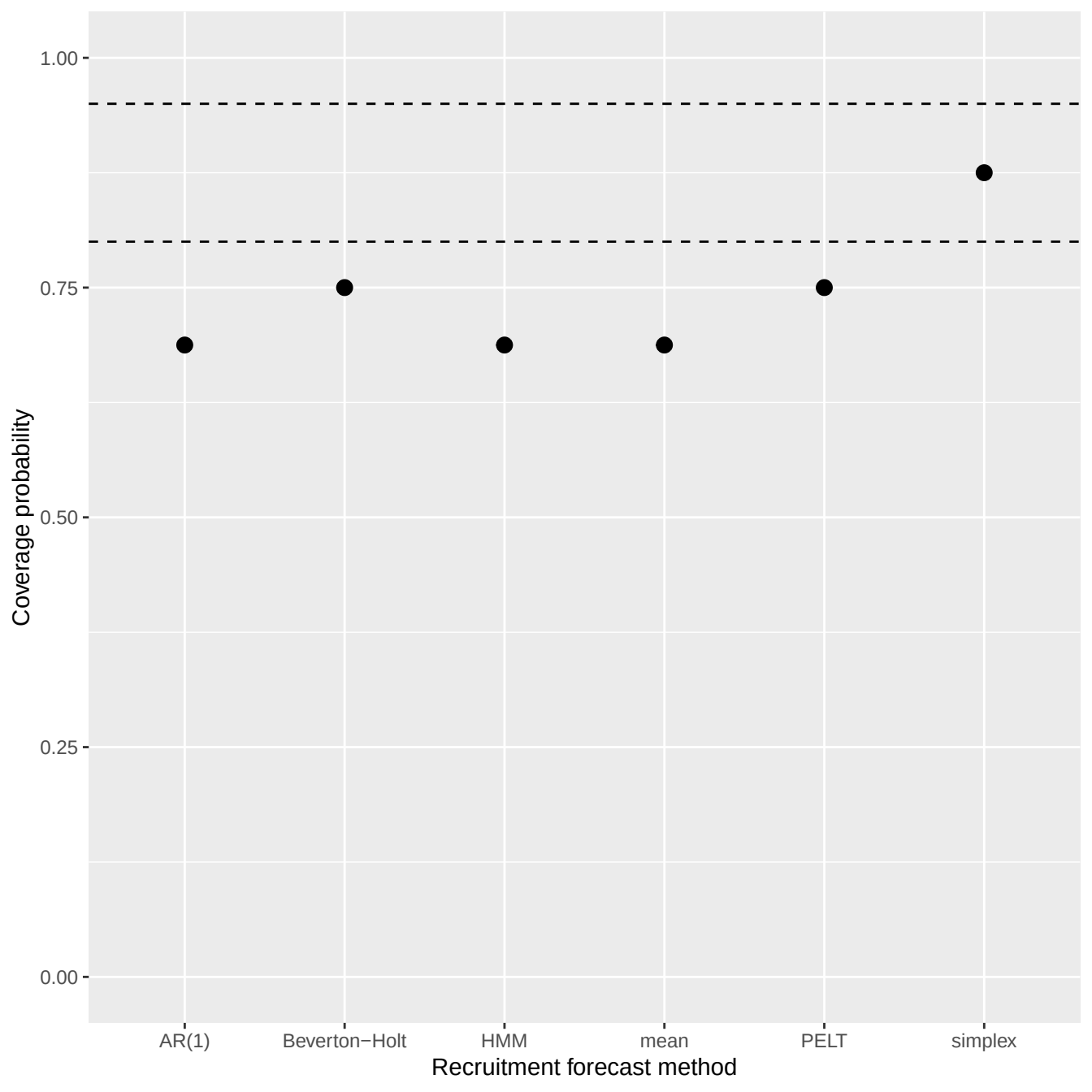
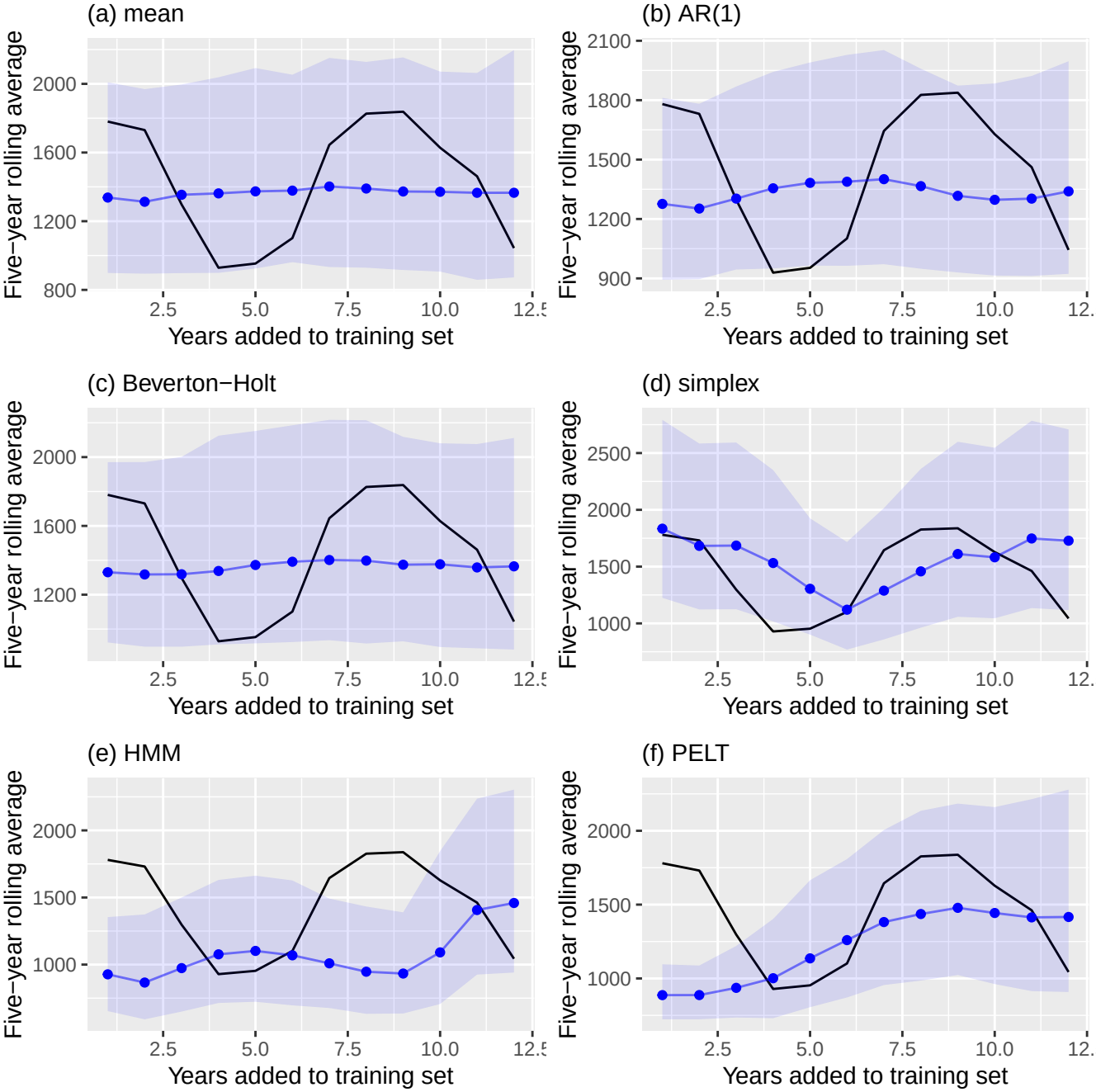

1−step Forecasts
(a) mean
(b) AR(1)
(c) Beverton−Holt
(d) simplex
(e) HMM
(f) PELT
Recruitment
Year
0
1000
2000
3000
4000
5000
6000
1980
1990
2000
2010


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


Mean relative absolute error
5
4
3
2
1
4
8
12
16
Years added to training set
method
AR(1)
Beverton−Holt
HMM
mean
PELT
simplex


5−step Forecasts
(a) mean
(b) AR(1)
(c) Beverton−Holt
(d) simplex
(e) HMM
(f) PELT
Recruitment
Year
0
1000
2000
3000
4000
5000
1980
1990
2000
2010


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


(a) mean
(b) AR(1)
(c) Beverton−Holt
(d) simplex
(e) HMM
(f) PELT
Five−year rolling average
Years added to training set
2.5
5.0
7.5
10.0
12.5