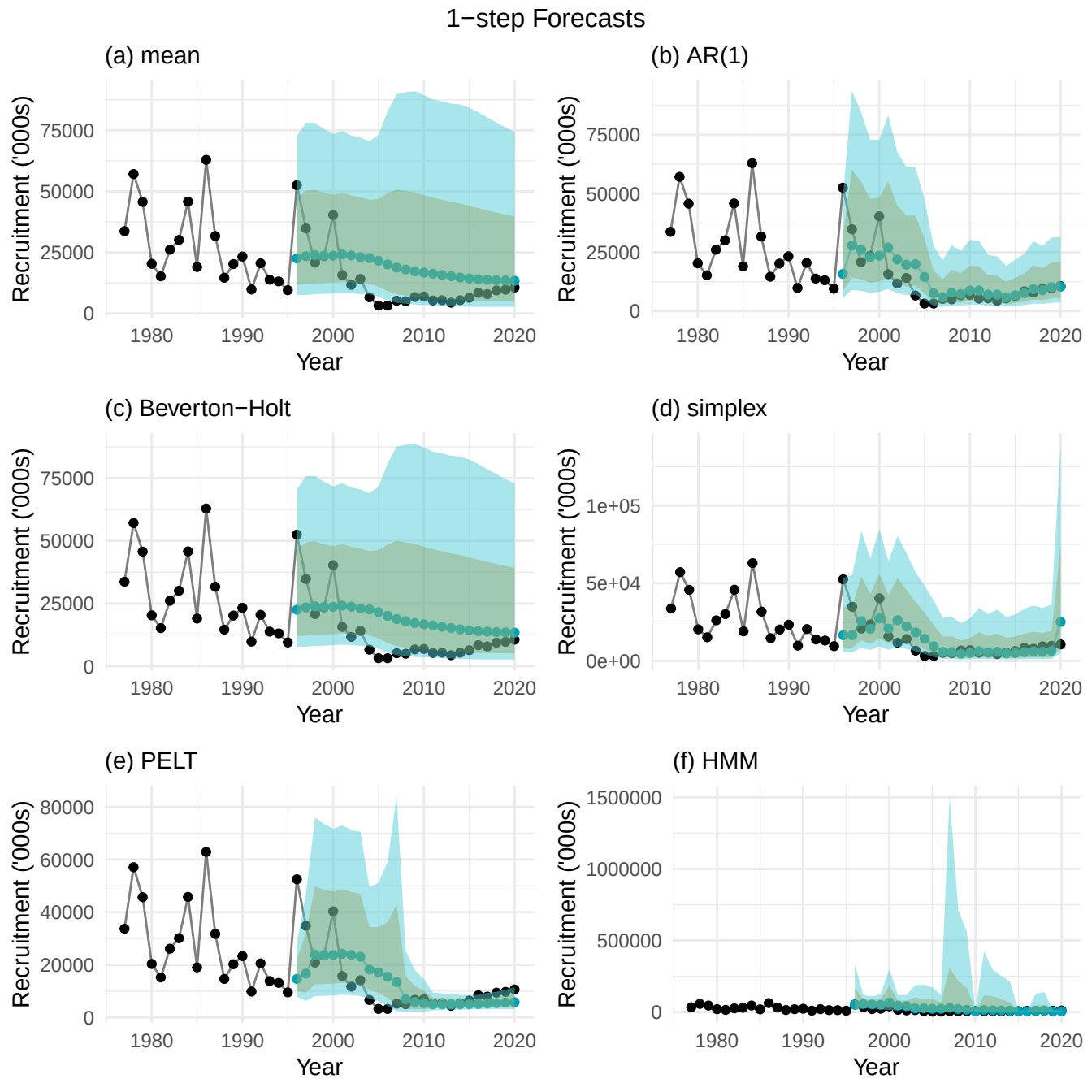
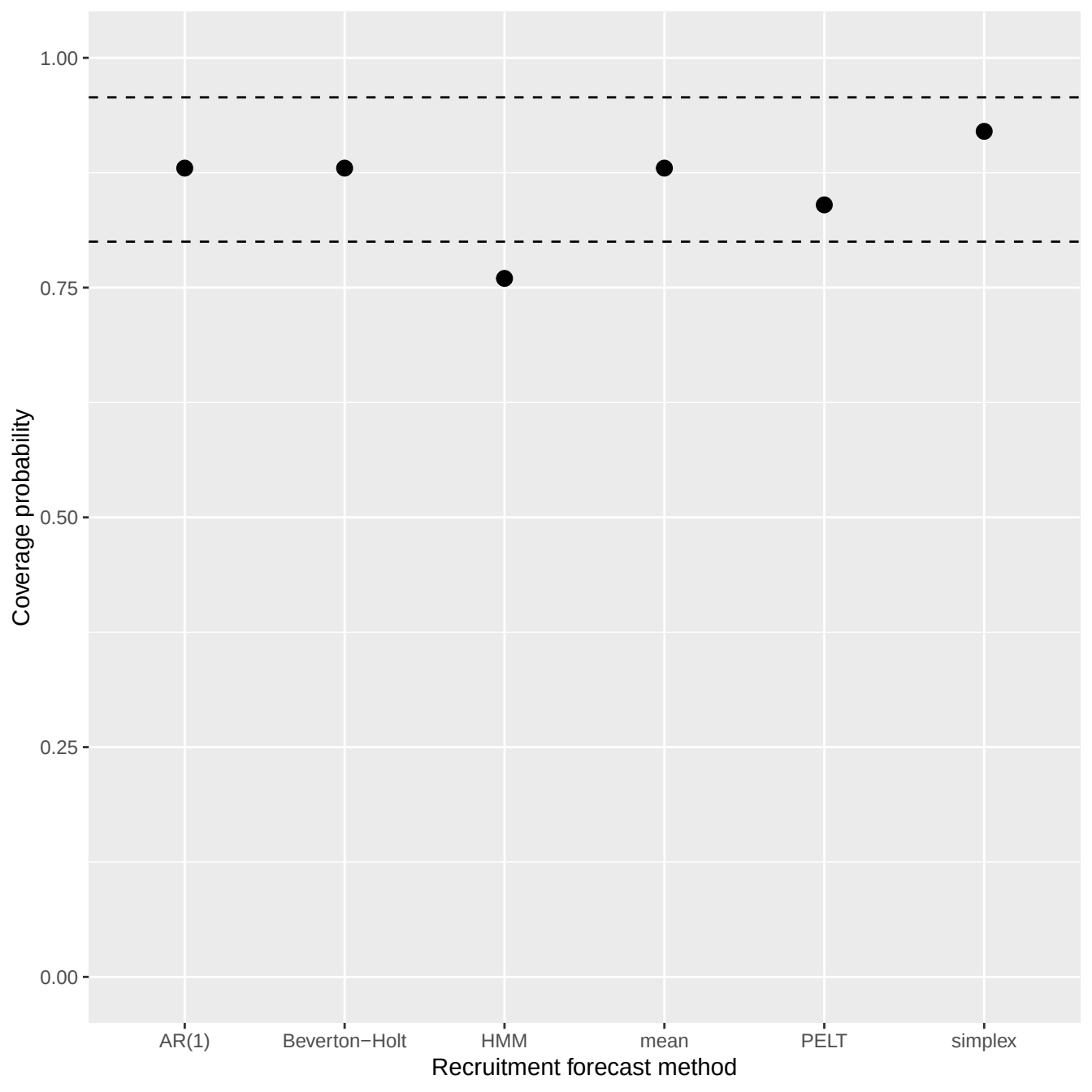
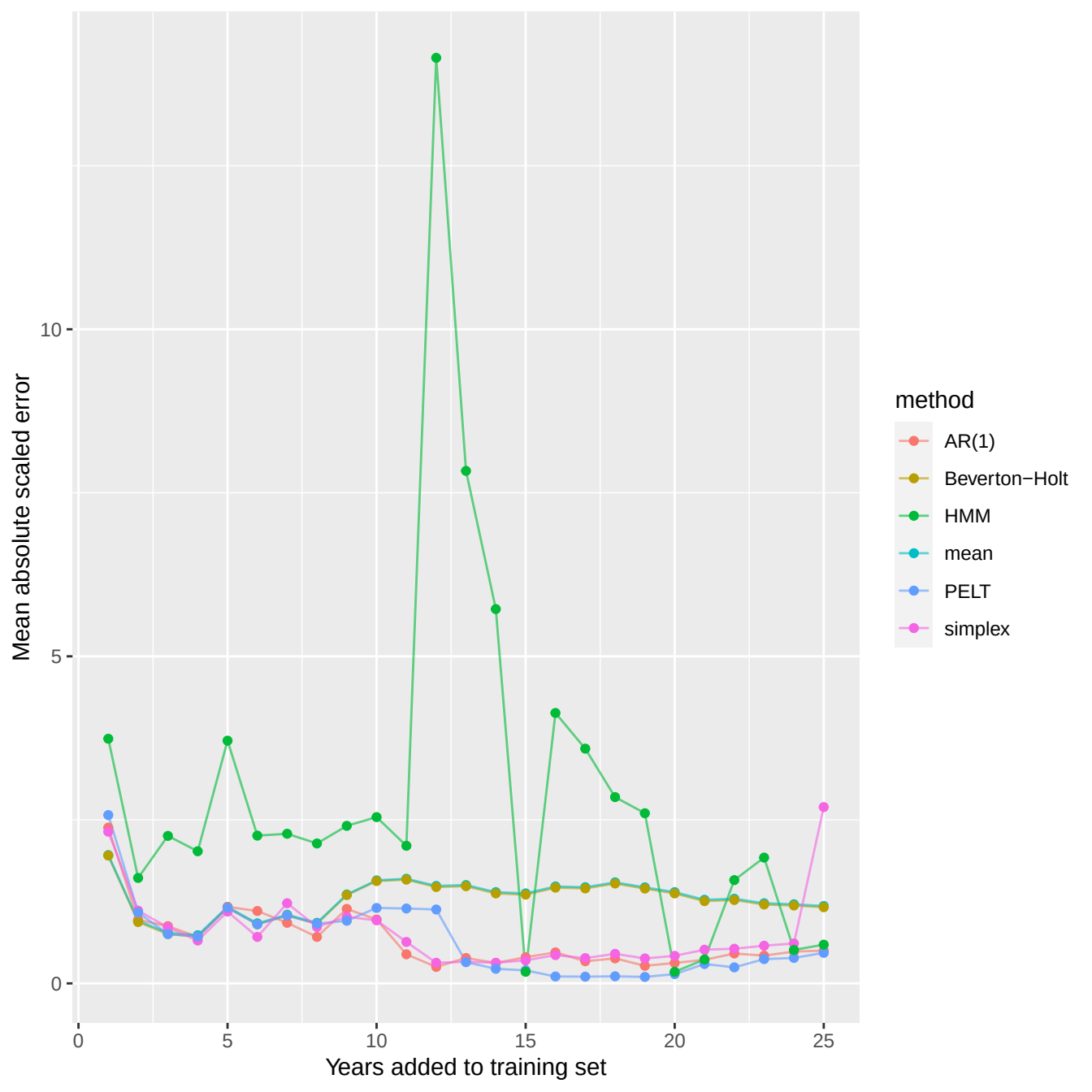
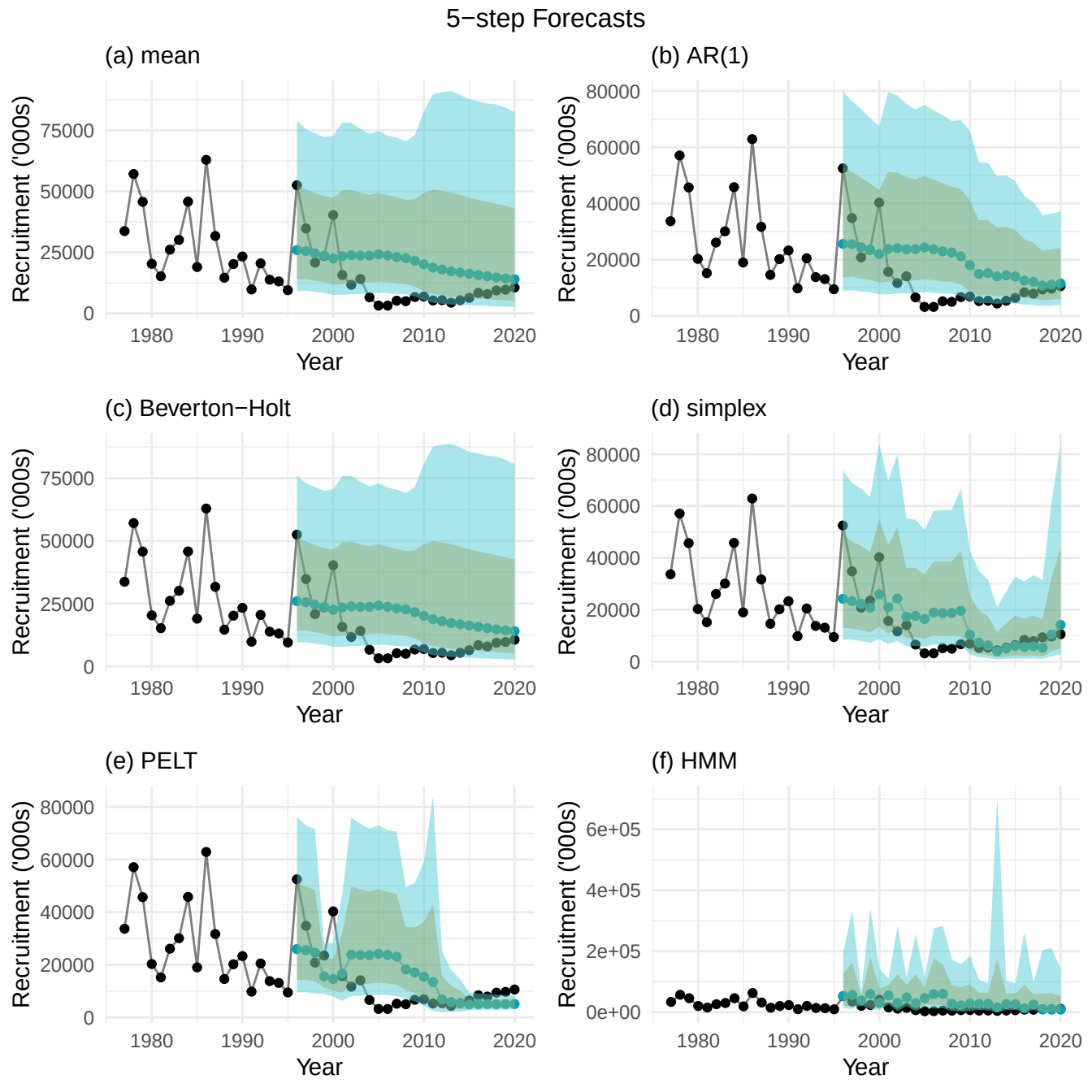
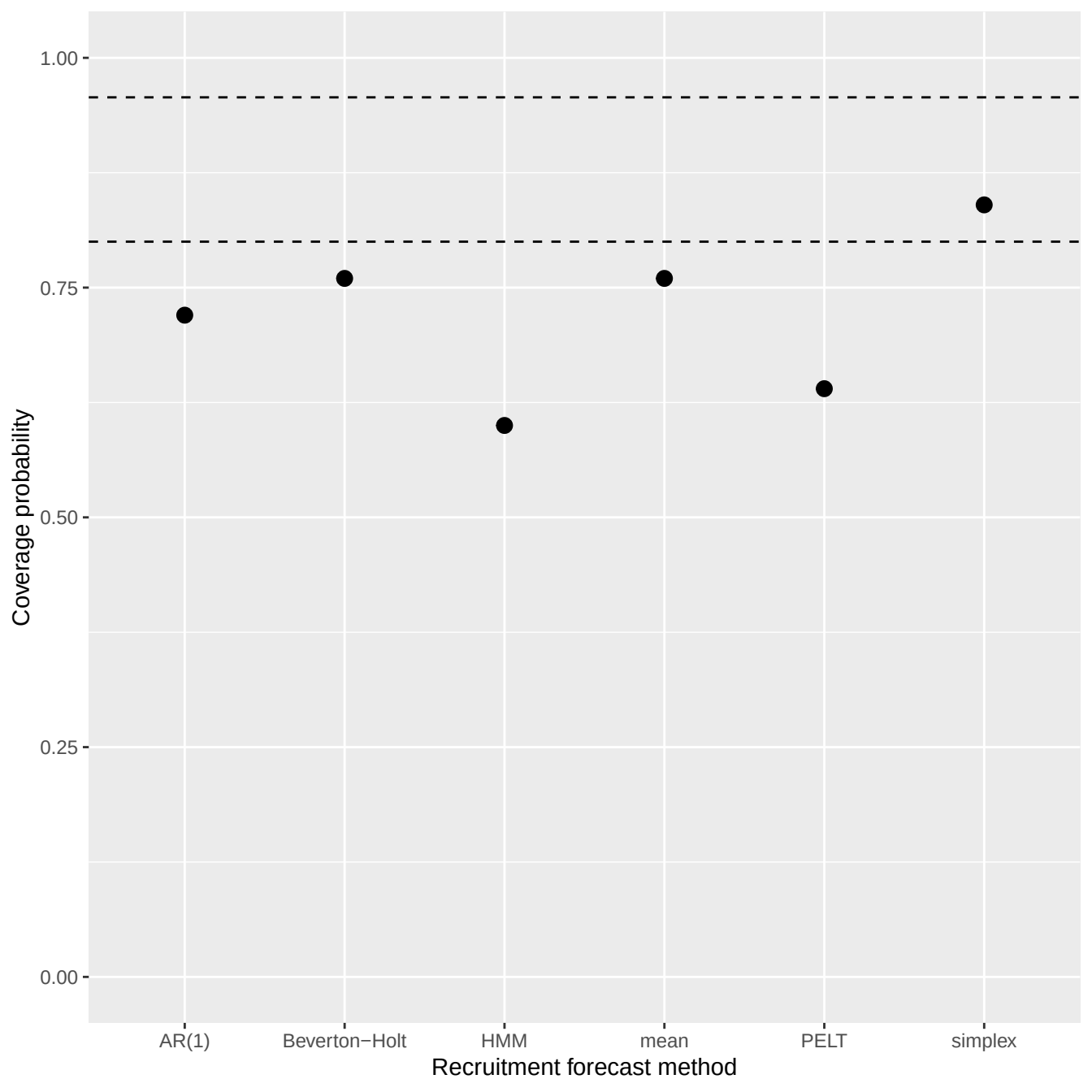
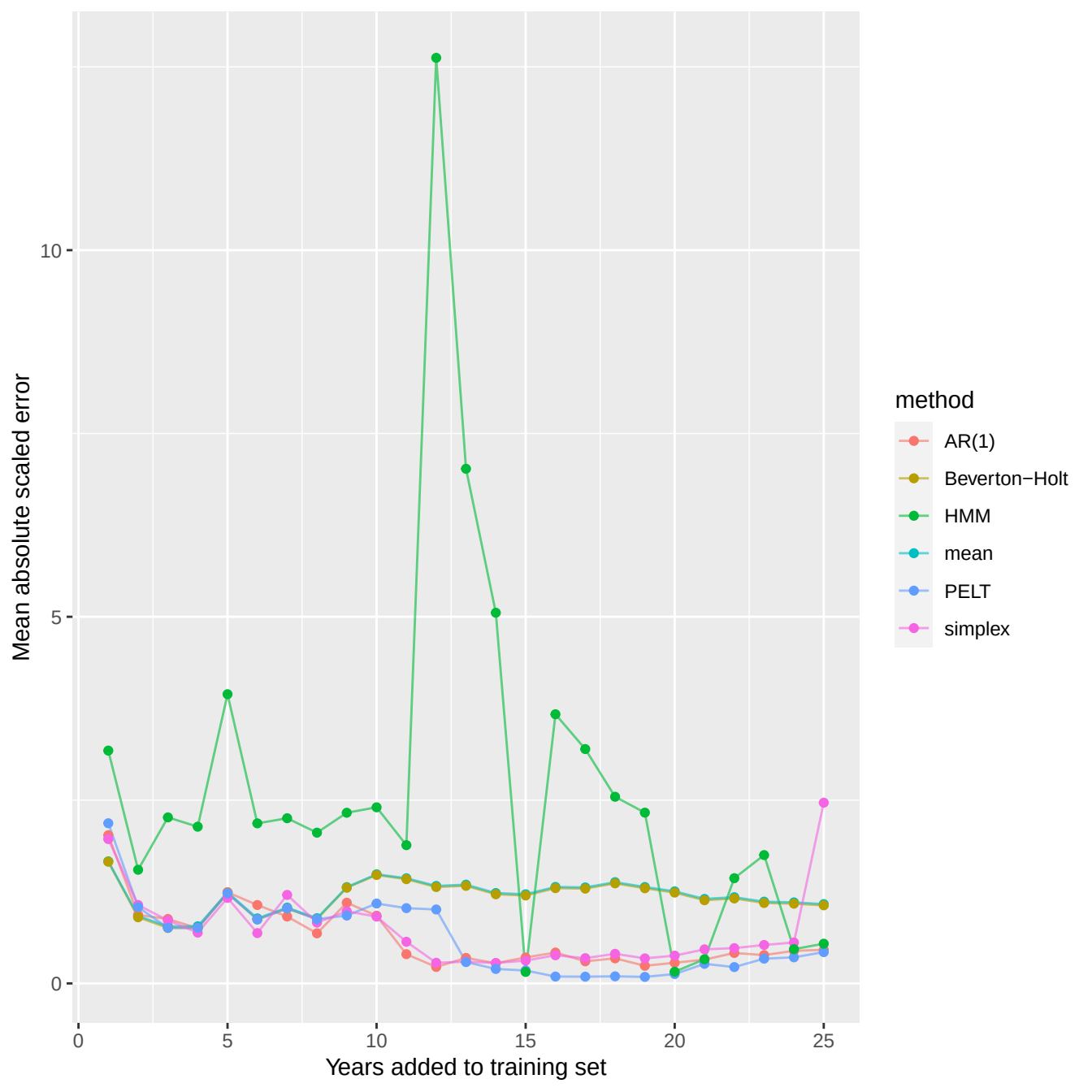

1−step Forecasts
(a) mean
(b) AR(1)
(c) Beverton−Holt
(d) simplex
(e) PELT
(f) HMM
Recruitment ('000s)
Year
0
25000
50000
75000
1980
1990
2000
2010
2020
0e+00
5e+04
1e+05
20000
40000
60000
80000
500000
1000000
1500000


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


Mean absolute scaled error
10
5
0
0
5
10
15
20
25
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) PELT
(f) HMM
Recruitment ('000s)
Year
0
25000
50000
75000
20000
40000
60000
80000
0e+00
2e+05
4e+05
6e+05
1980
1990
2000
2010
2020


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


Mean absolute scaled error
10
5
0
0
5
10
15
20
25
Years added to training set
method
AR(1)
Beverton−Holt
HMM
mean
PELT
simplex