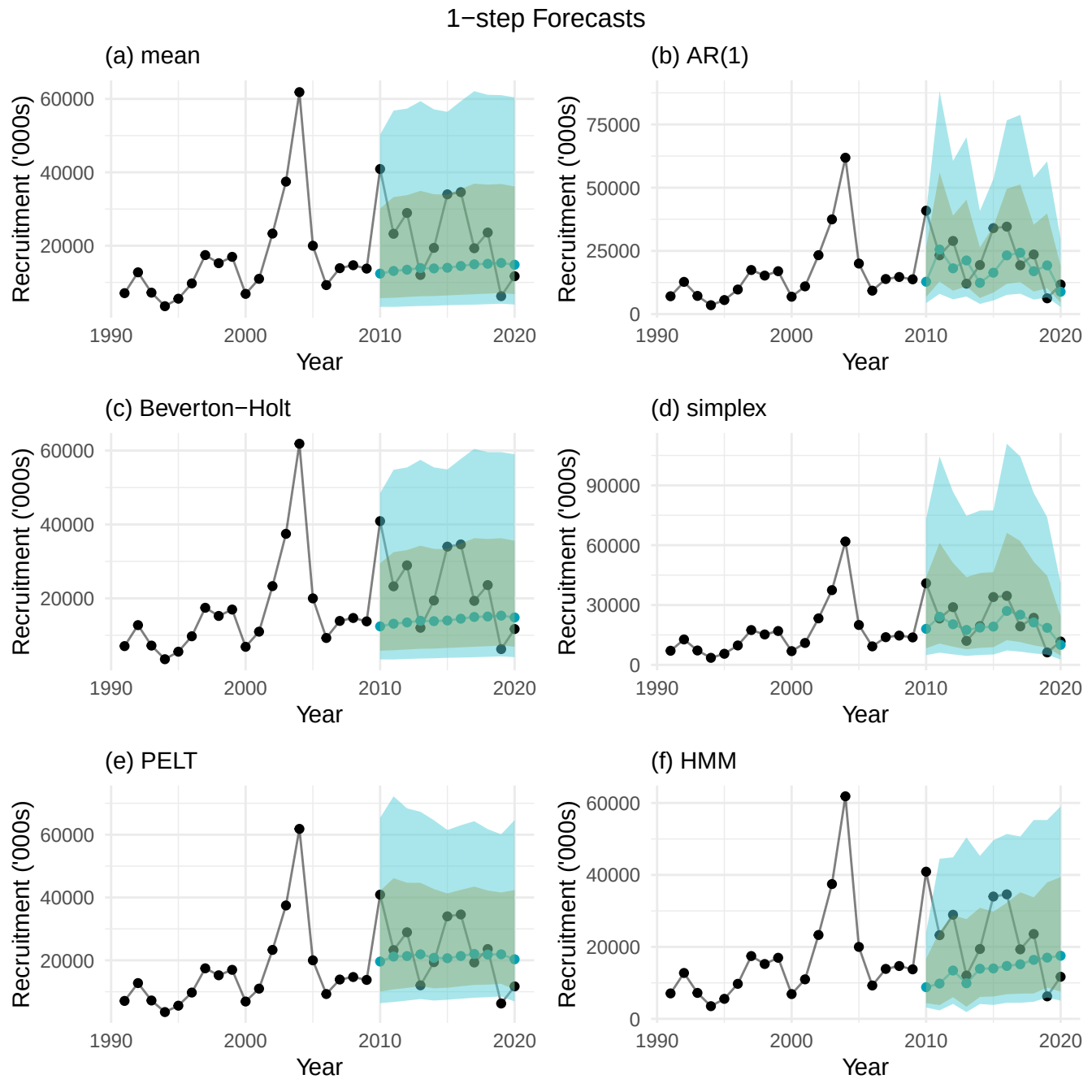
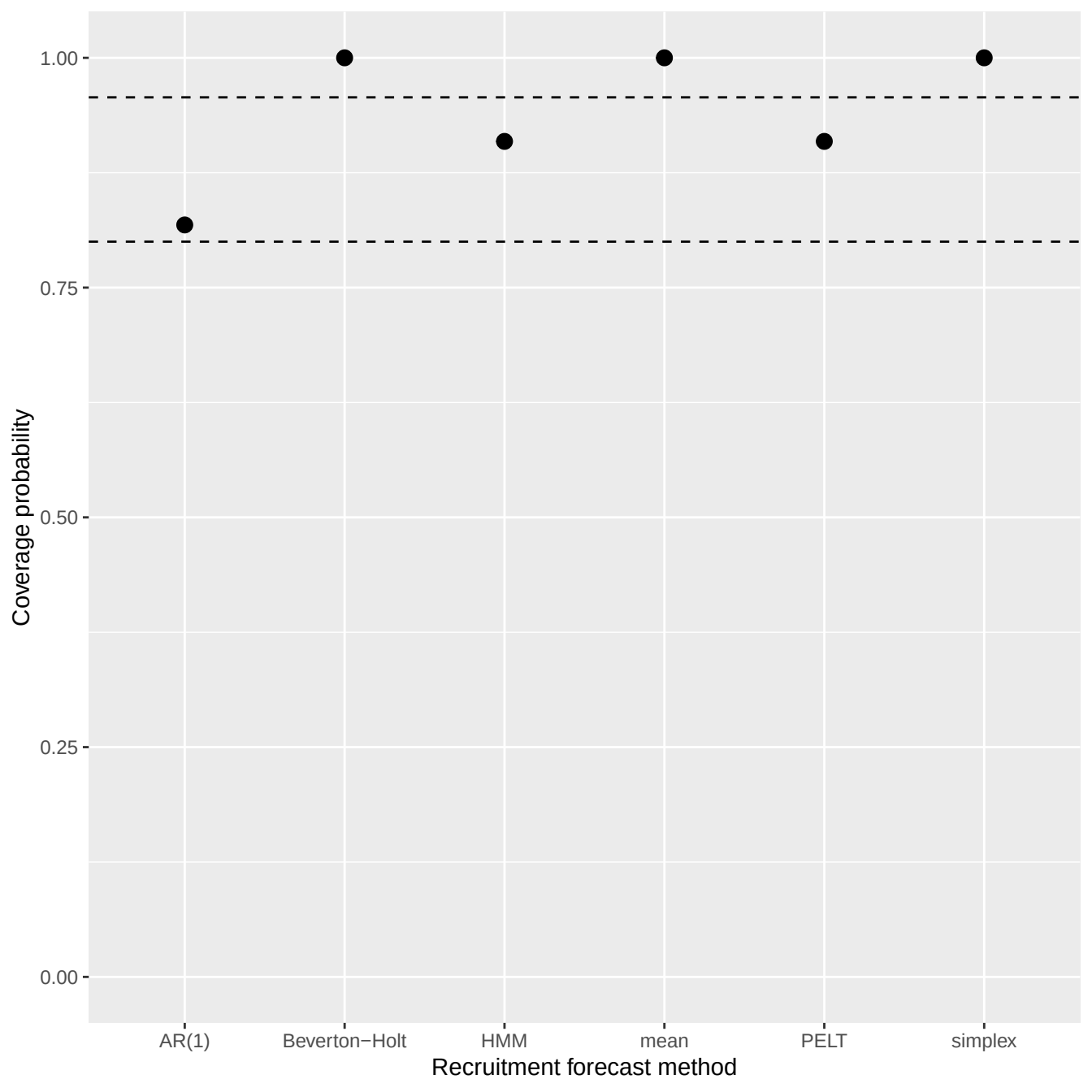
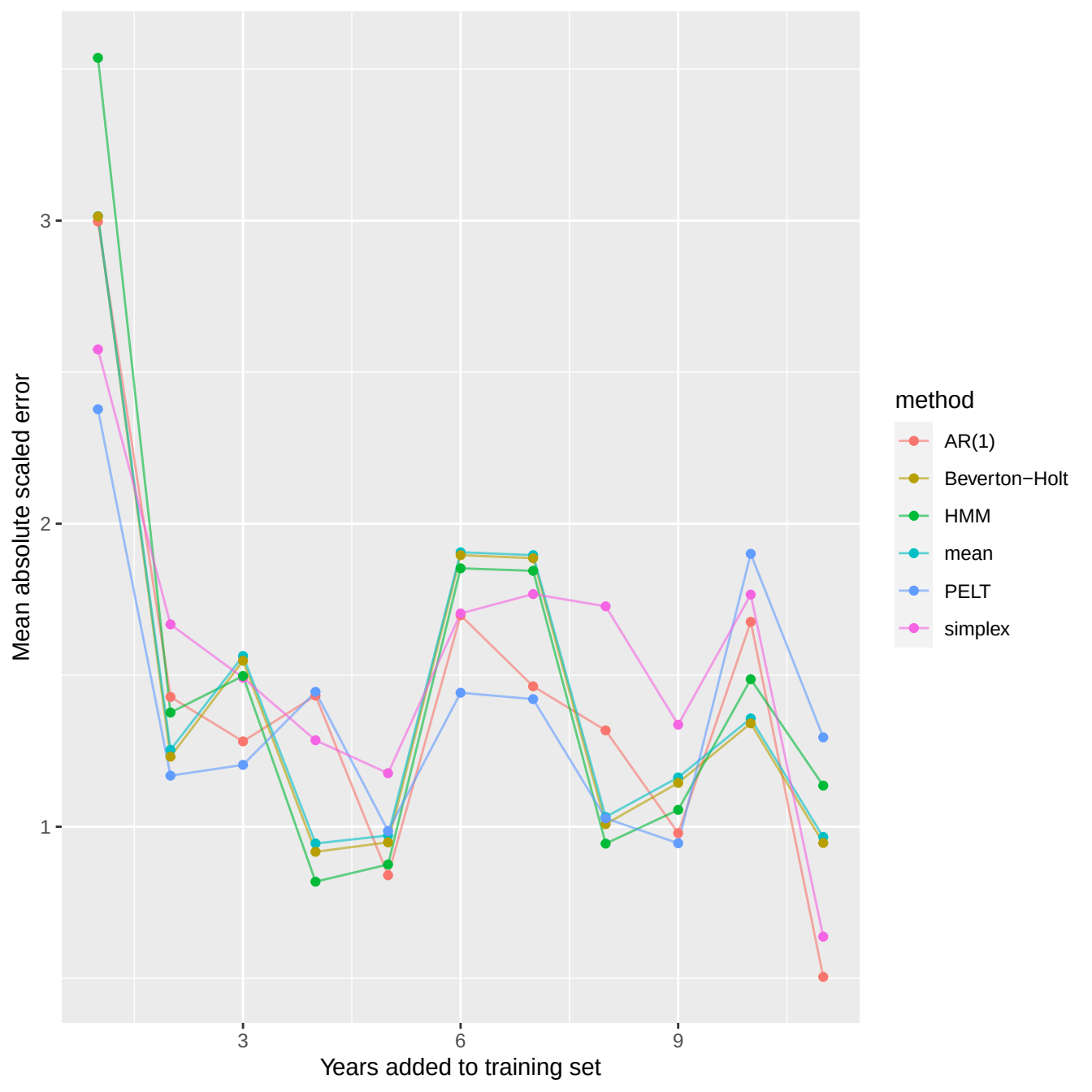
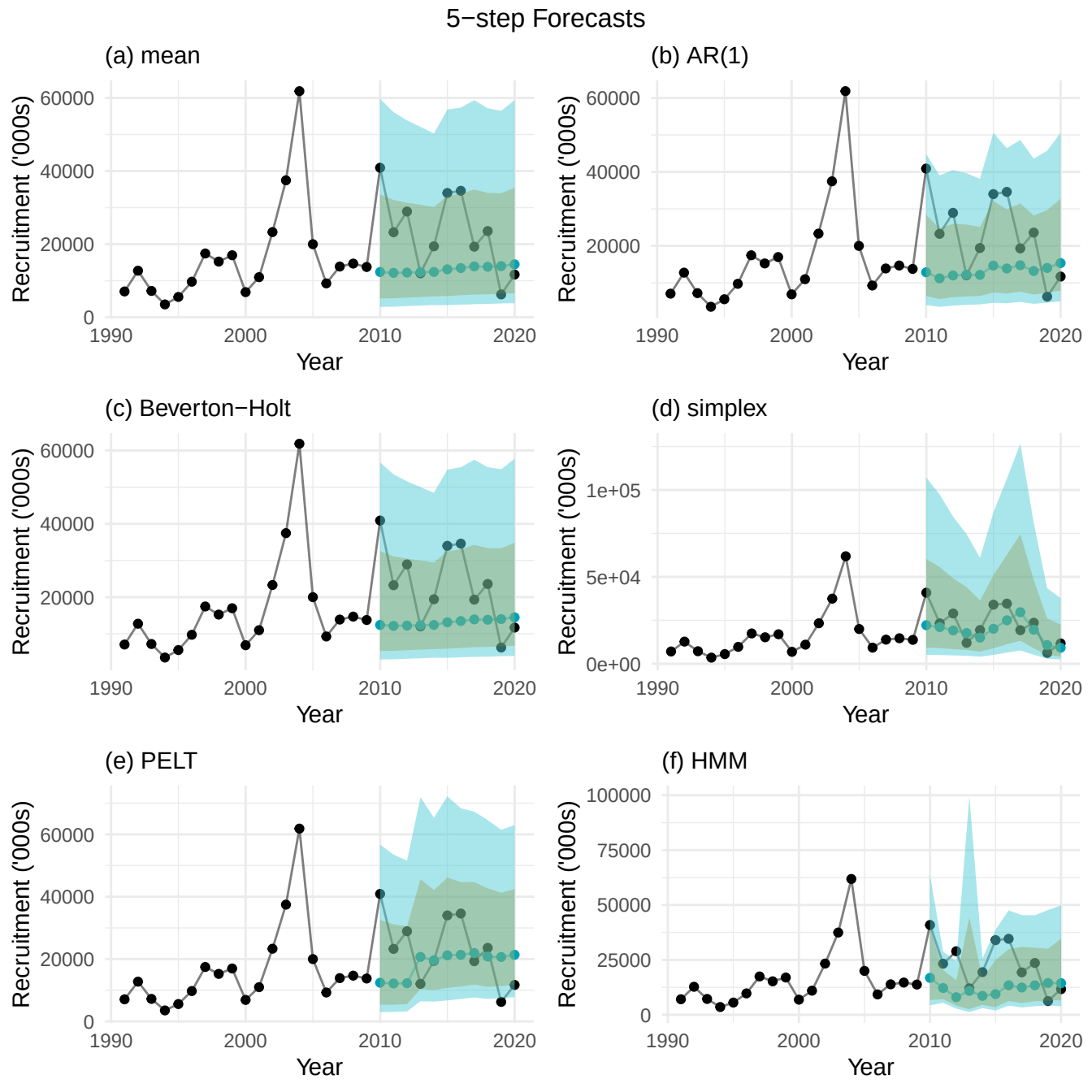
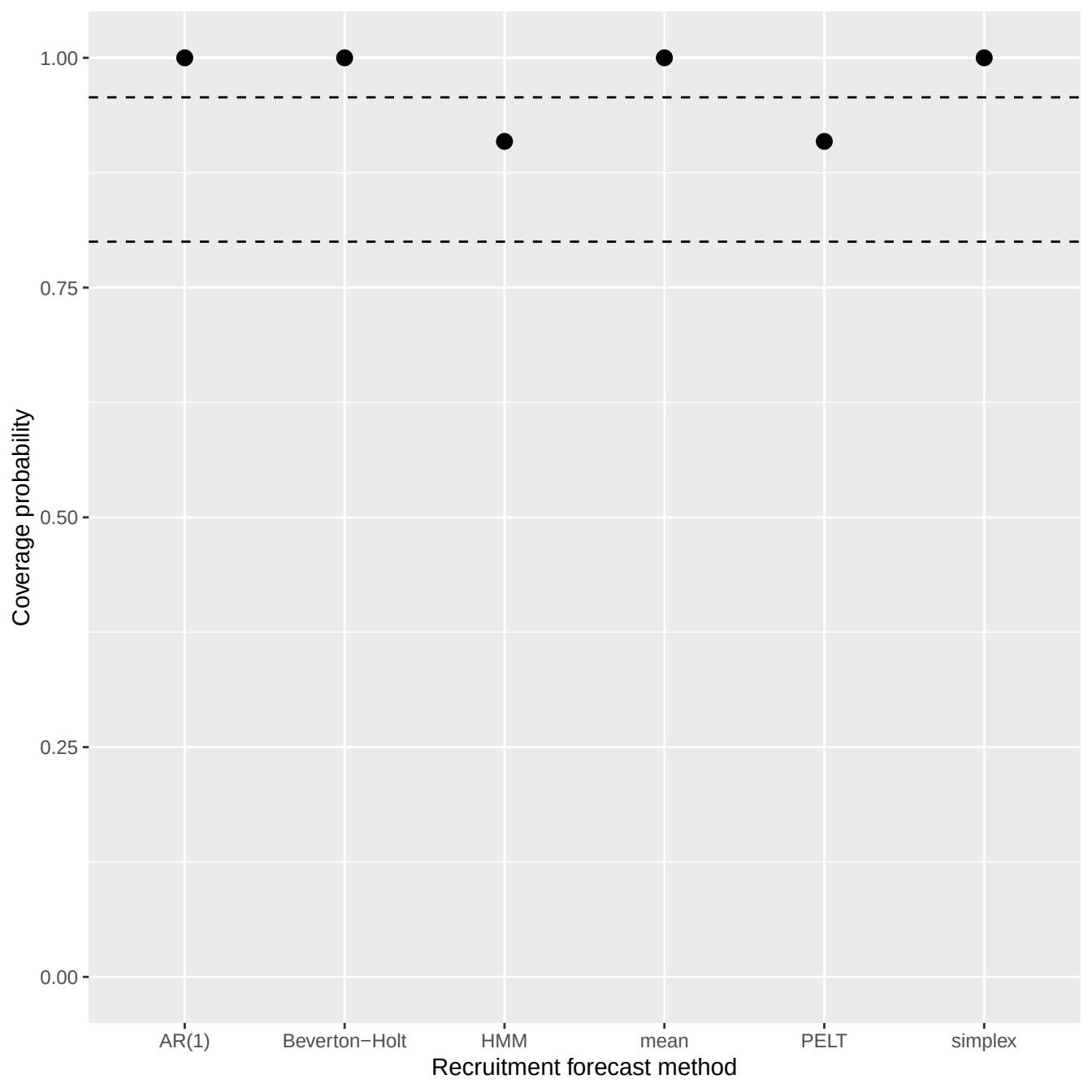
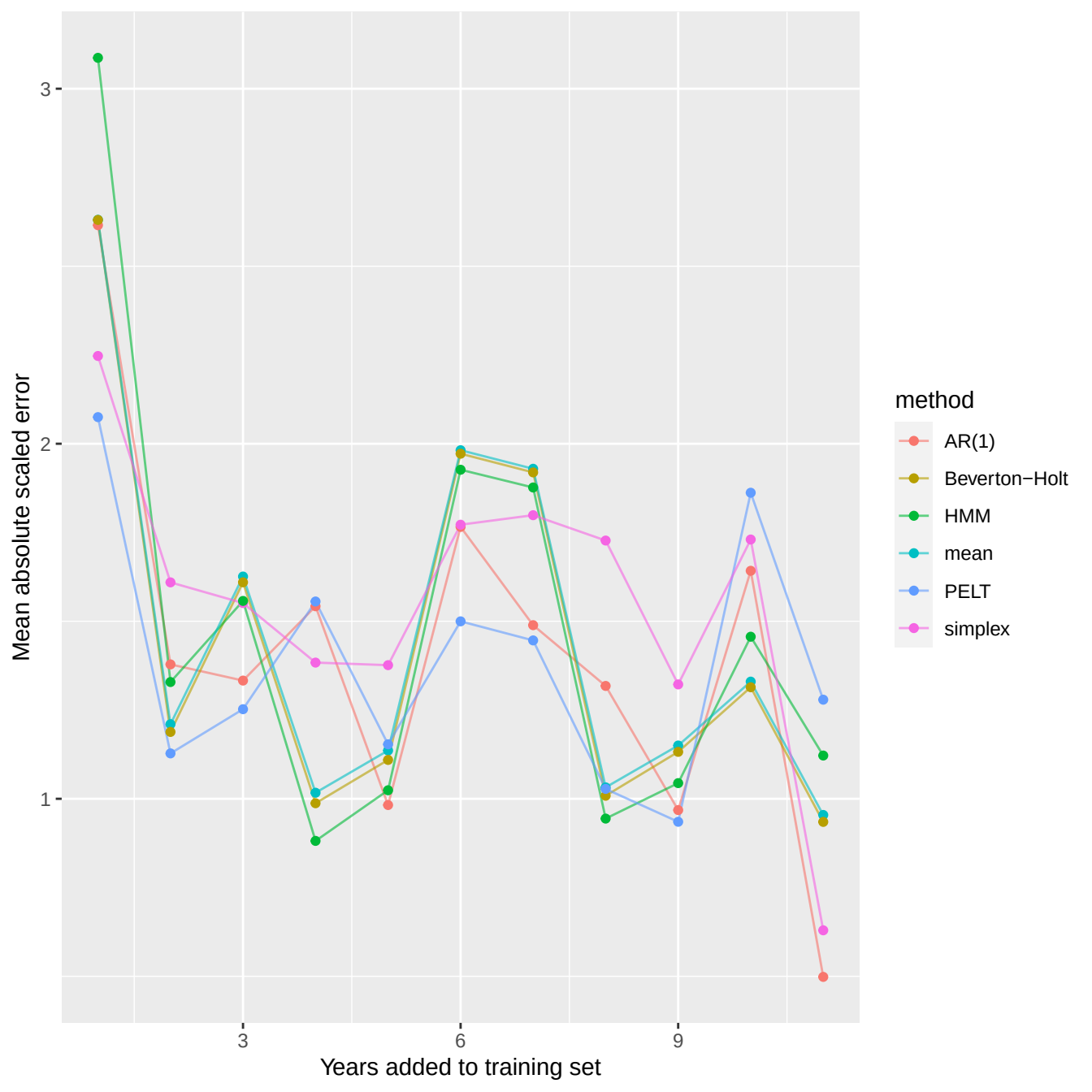

1−step Forecasts
(a) mean
(b) AR(1)
(c) Beverton−Holt
(d) simplex
(e) PELT
(f) HMM
Recruitment ('000s)
Year
1990
2000
2010
2020
20000
40000
60000
0
25000
50000
75000
30000
90000


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
3
2
1
3
6
9
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
20000
40000
60000
1e+05
5e+04
0e+00
25000
50000
75000
100000
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
3
2
1
3
6
9
Years added to training set
method
AR(1)
Beverton−Holt
HMM
mean
PELT
simplex