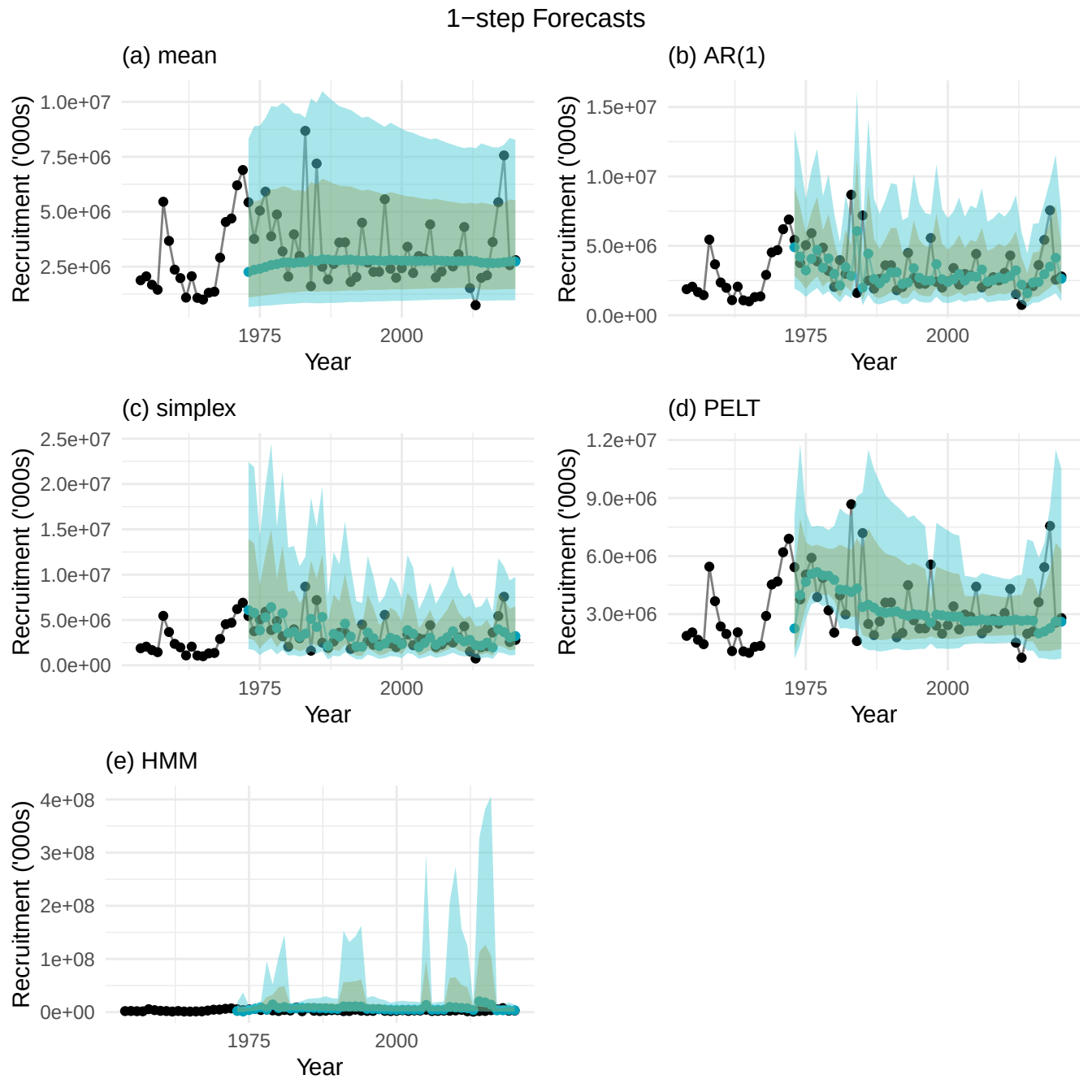
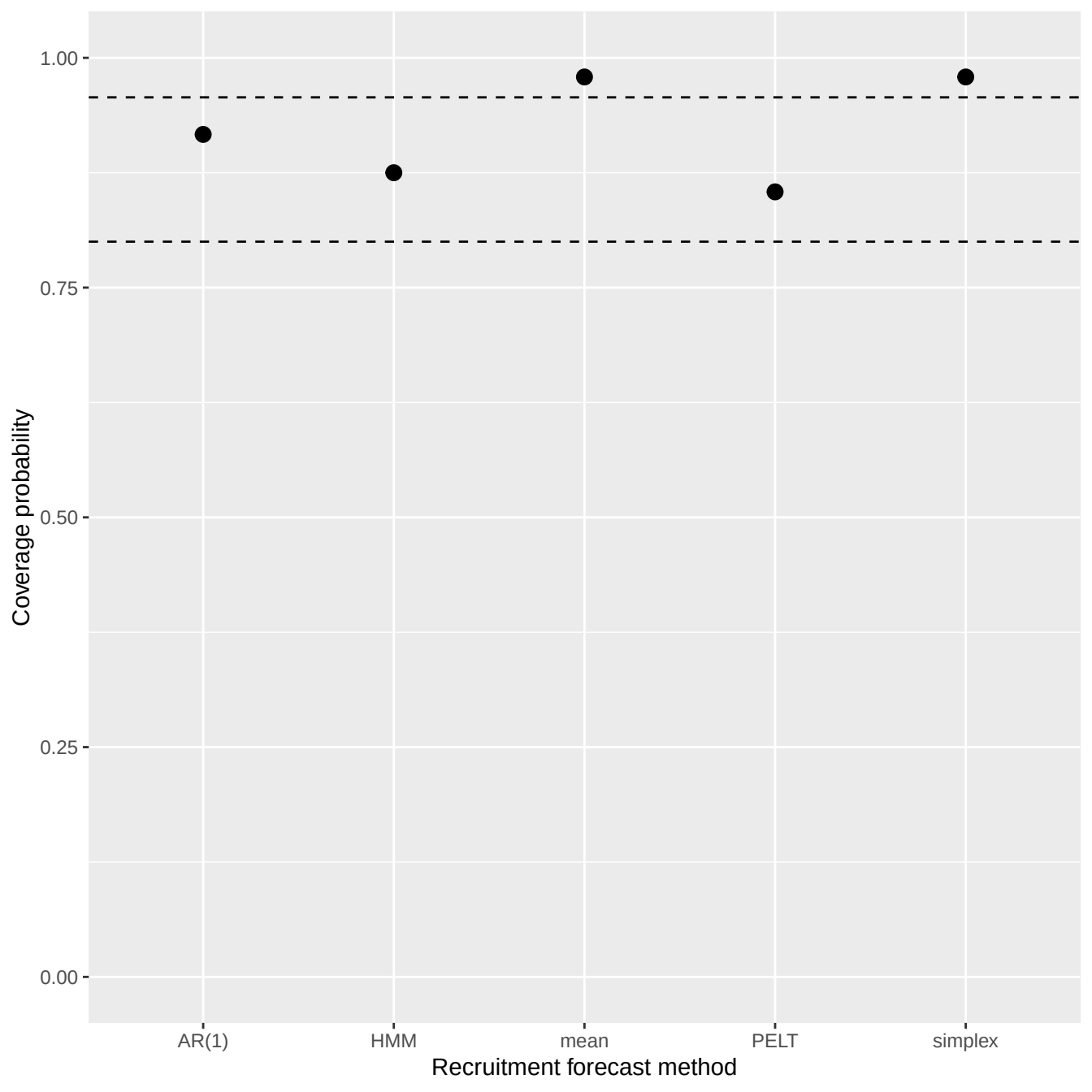
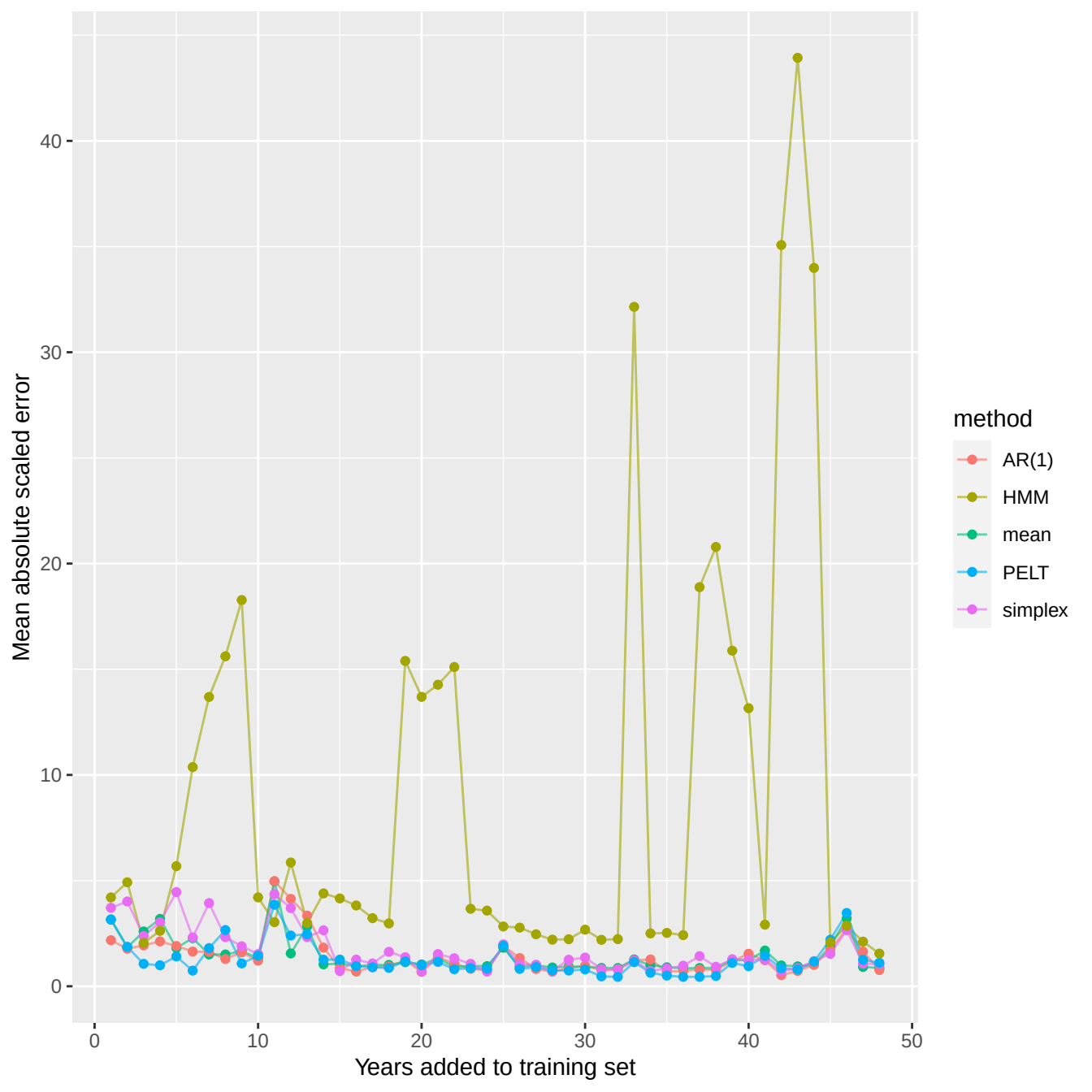
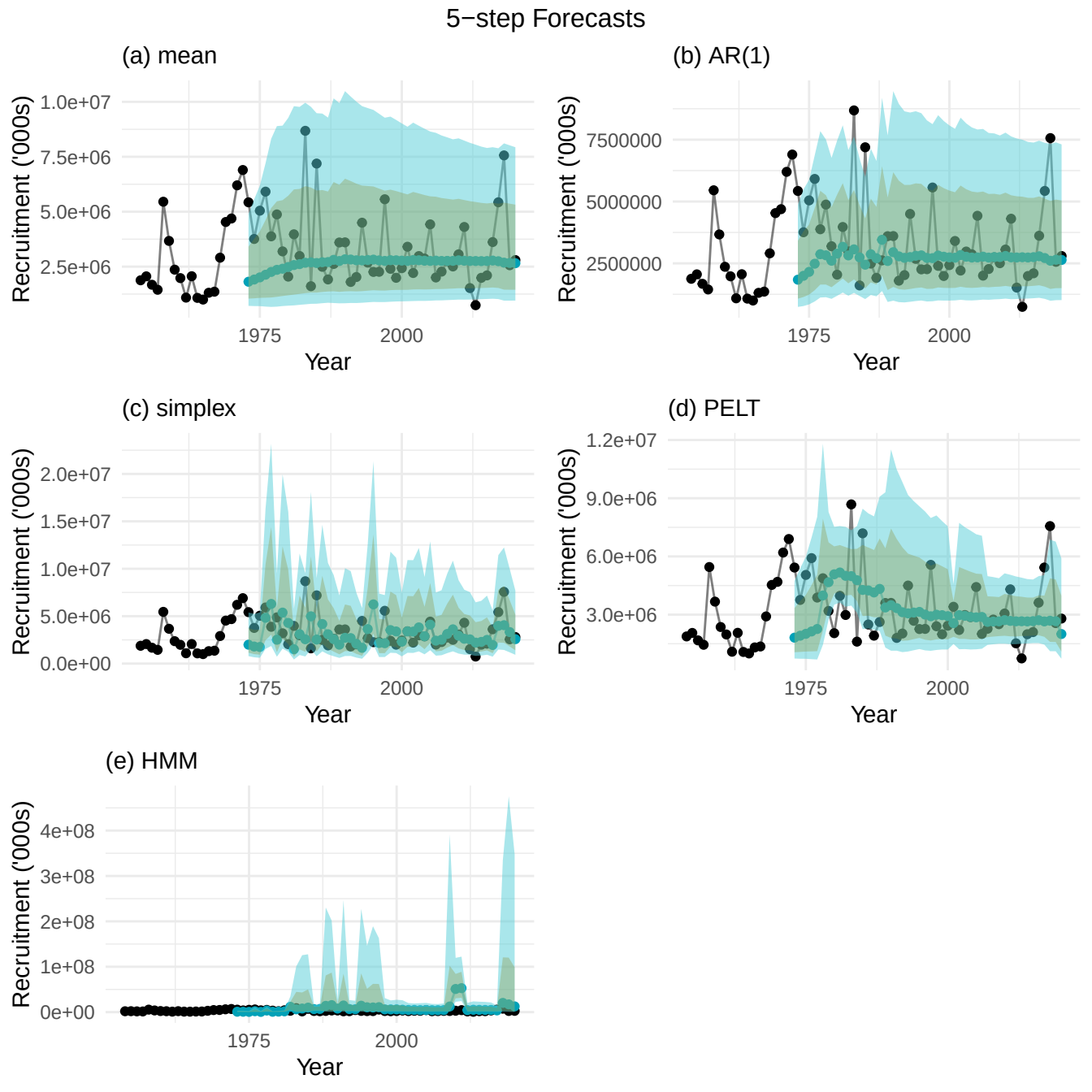
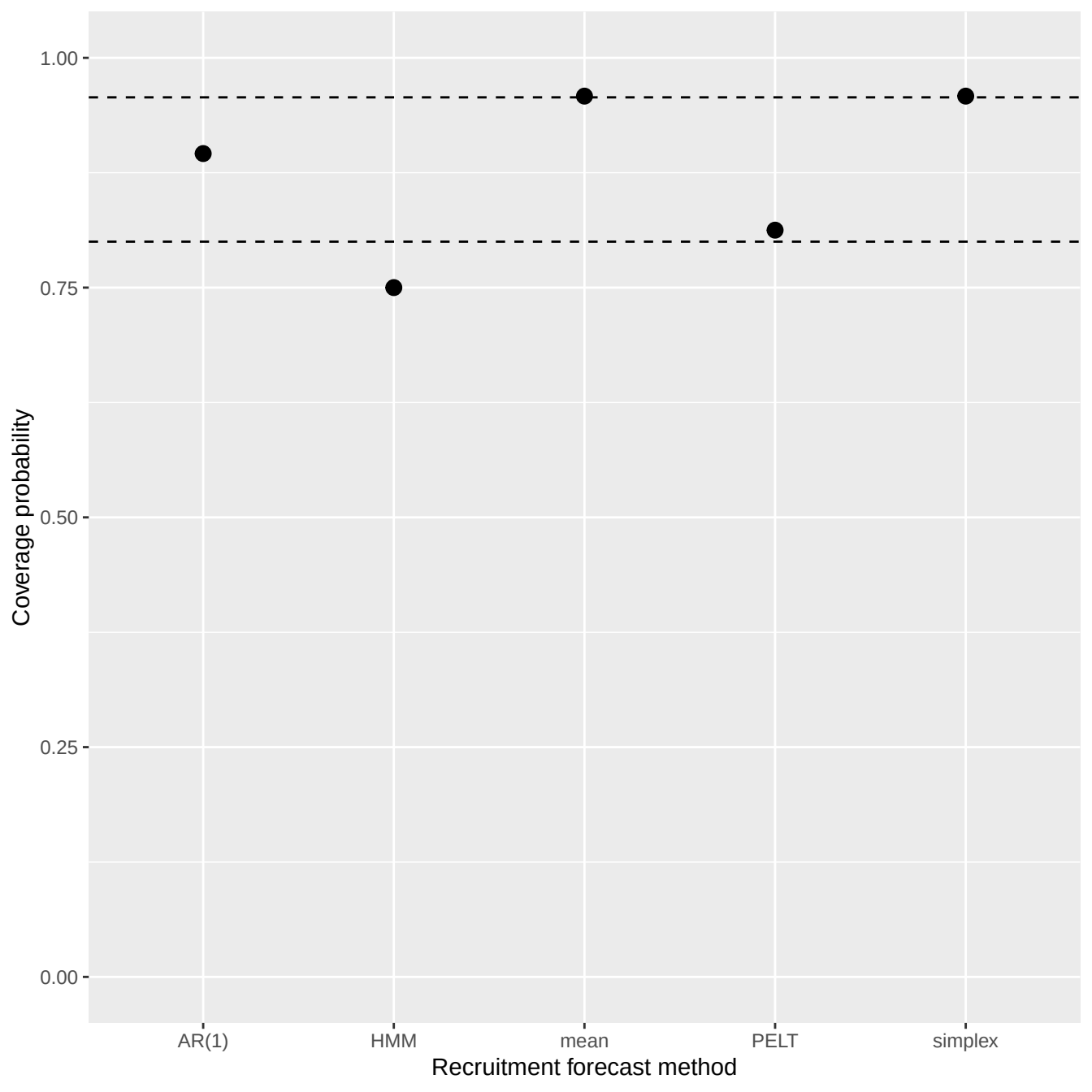
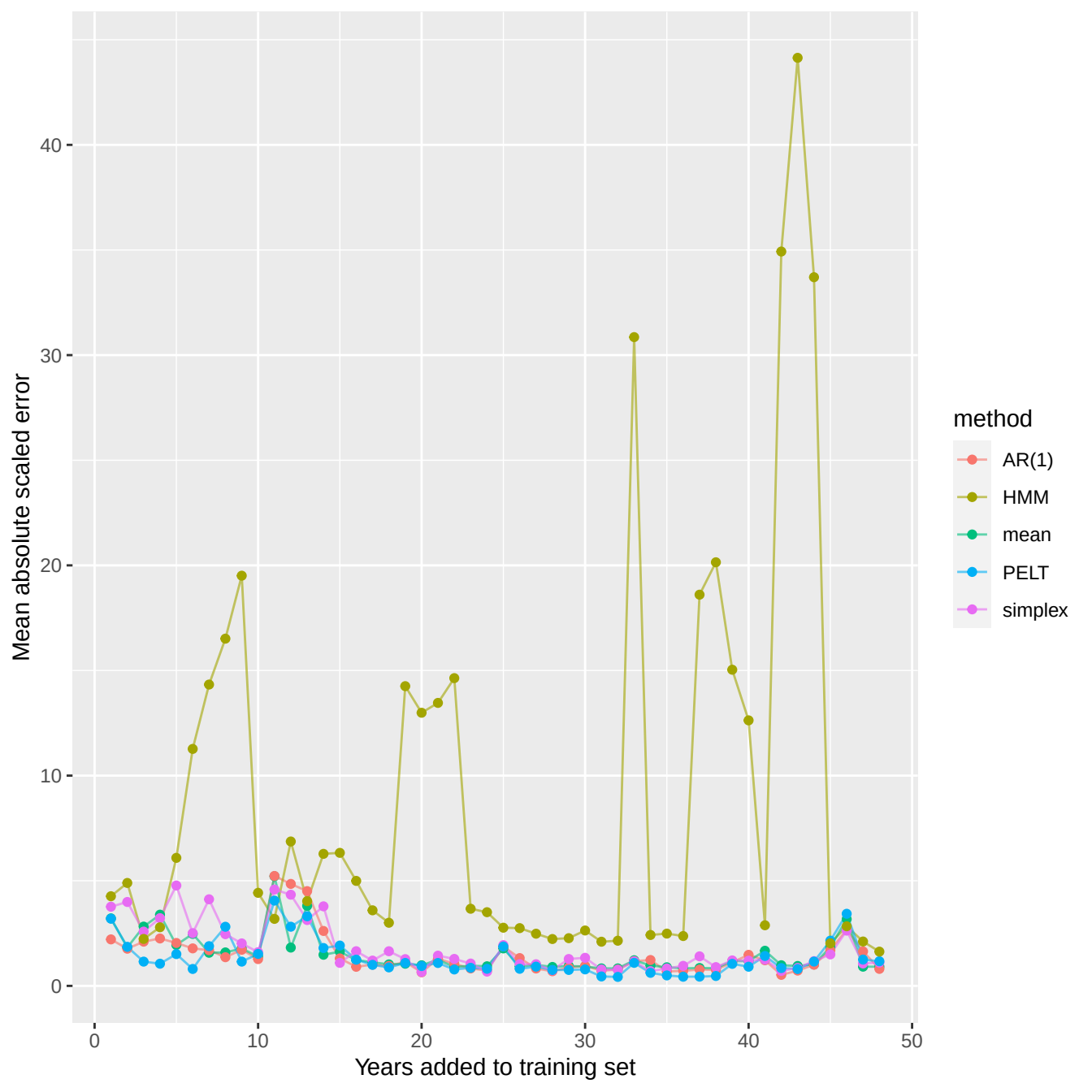

1−step Forecasts
(a) mean
(b) AR(1)
(c) simplex
(d) PELT
(e) HMM
Recruitment ('000s)
Year
1.0e+07
7.5e+06
5.0e+06
2.5e+06
1.5e+07
0.0e+00
2.0e+07
1.2e+07
9.0e+06
6.0e+06
3.0e+06
4e+08
3e+08
2e+08
1e+08
0e+00
1975
2000


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


Mean absolute scaled error
0
10
20
30
40
0
10
20
30
40
50
Years added to training set
method
AR(1)
HMM
mean
PELT
simplex


5−step Forecasts
(a) mean
(b) AR(1)
(c) simplex
(d) PELT
(e) HMM
Recruitment ('000s)
Year
1.0e+07
7.5e+06
5.0e+06
2.5e+06
7500000
5000000
2500000
2.0e+07
1.5e+07
1.0e+07
5.0e+06
0.0e+00
1.2e+07
9.0e+06
6.0e+06
3.0e+06
4e+08
3e+08
2e+08
1e+08
0e+00
1975
2000


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


Mean absolute scaled error
0
10
20
30
40
0
10
20
30
40
50
Years added to training set
method
AR(1)
HMM
mean
PELT
simplex