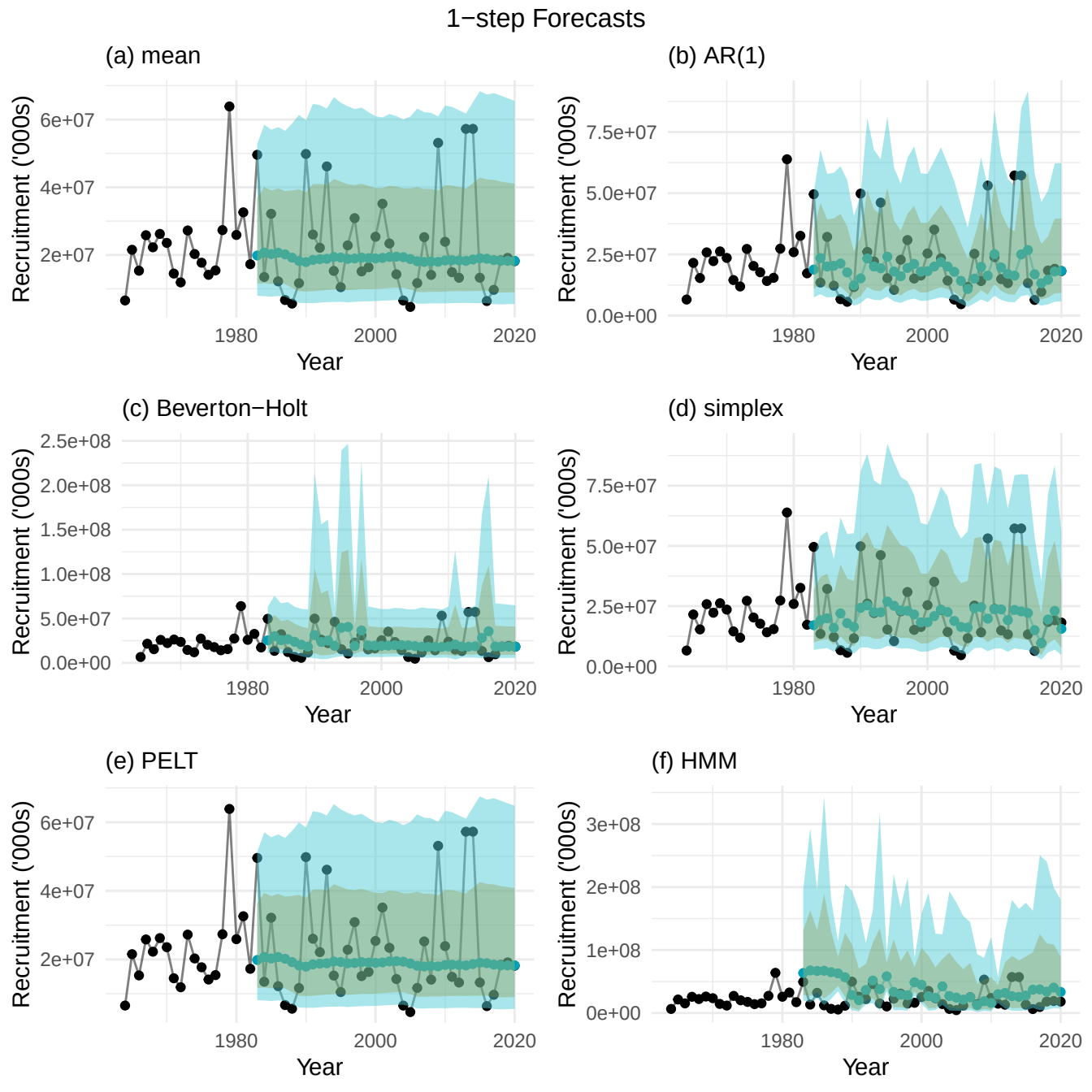
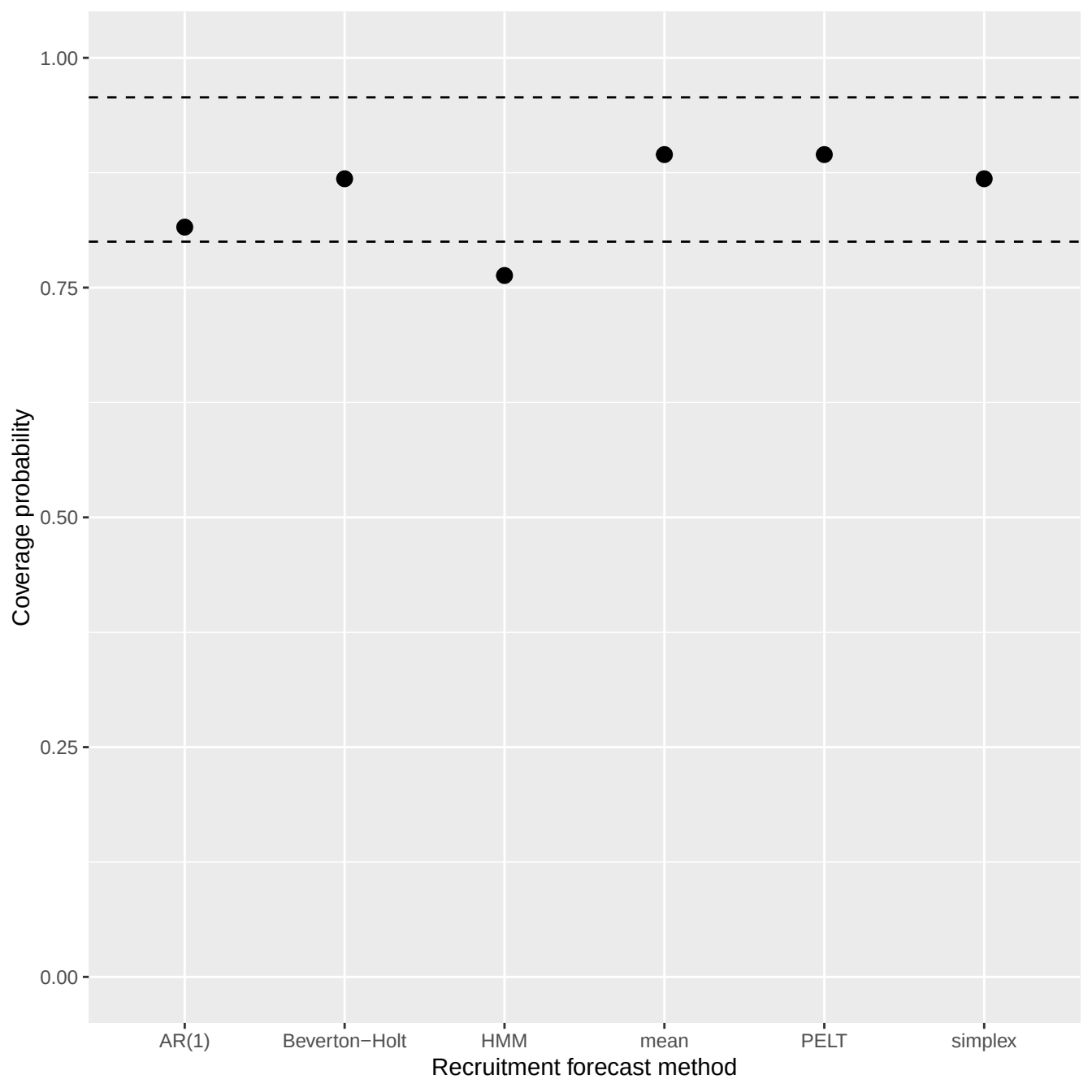
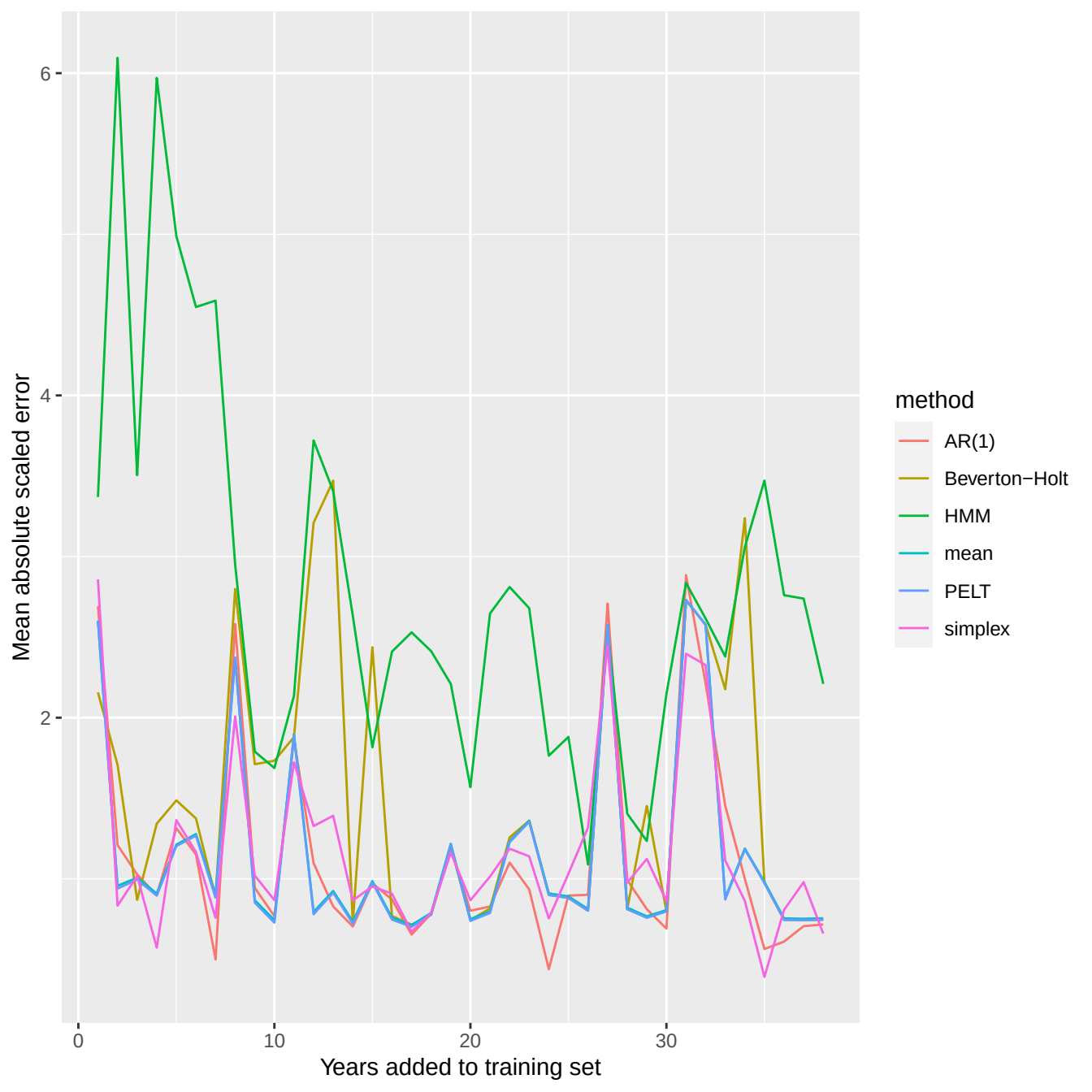
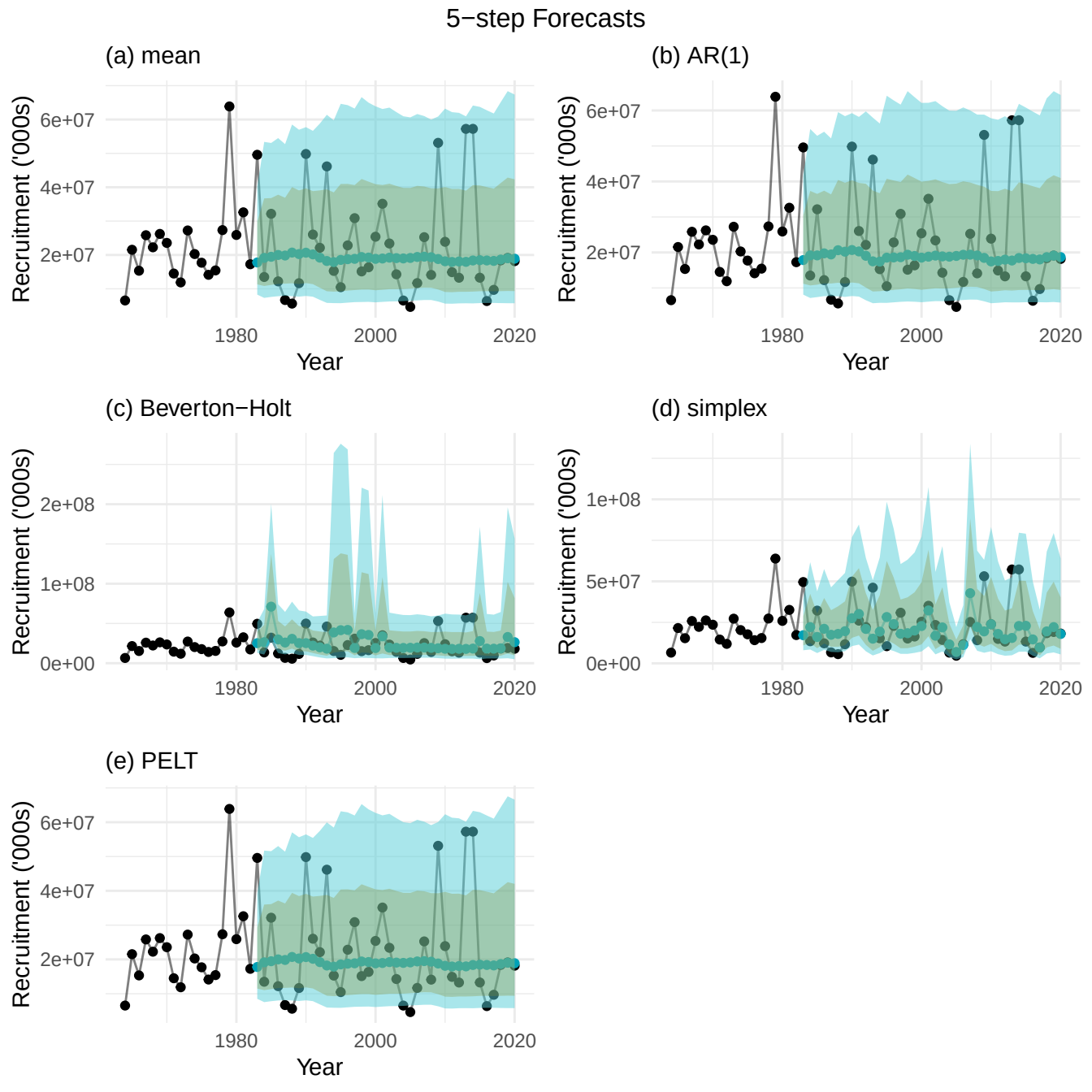
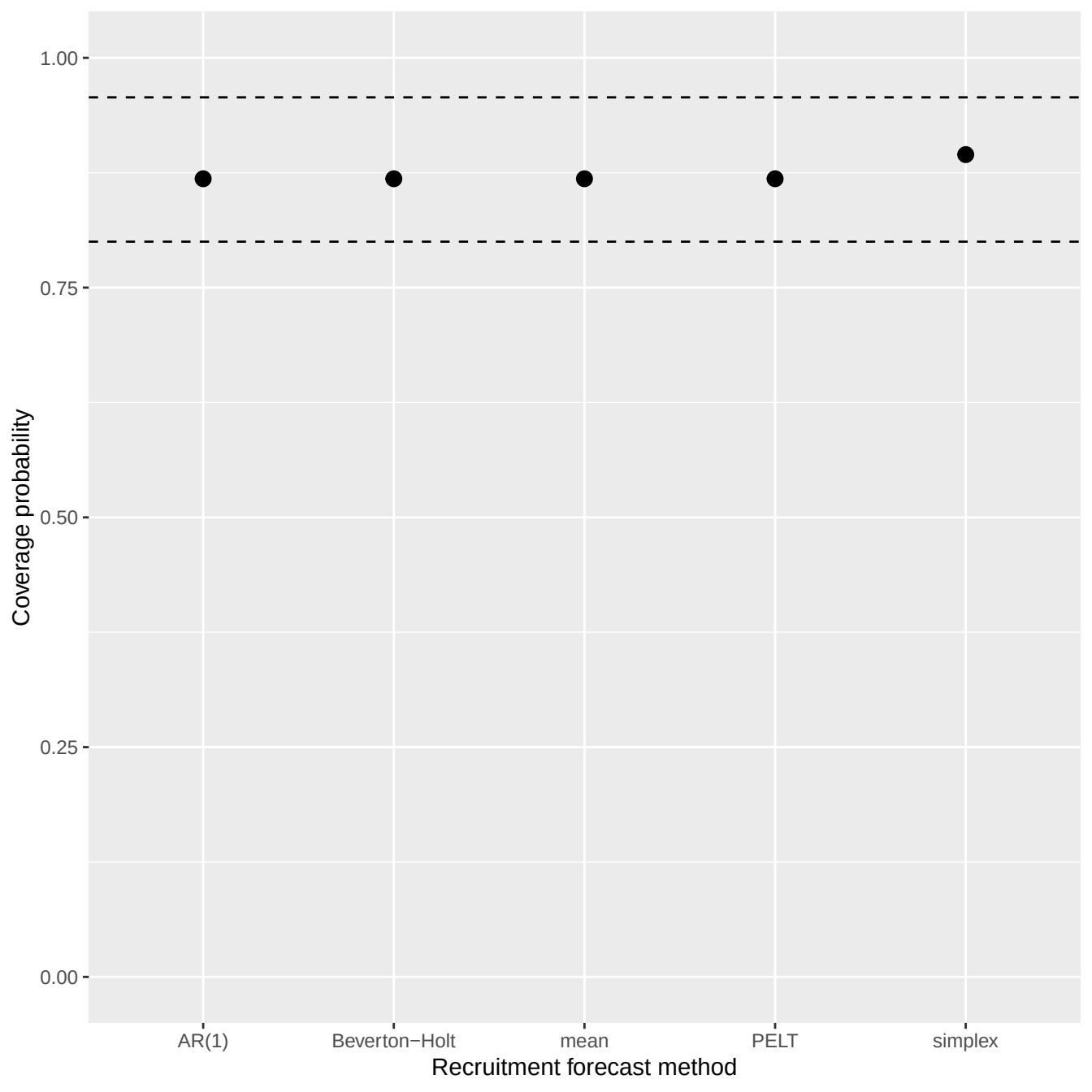
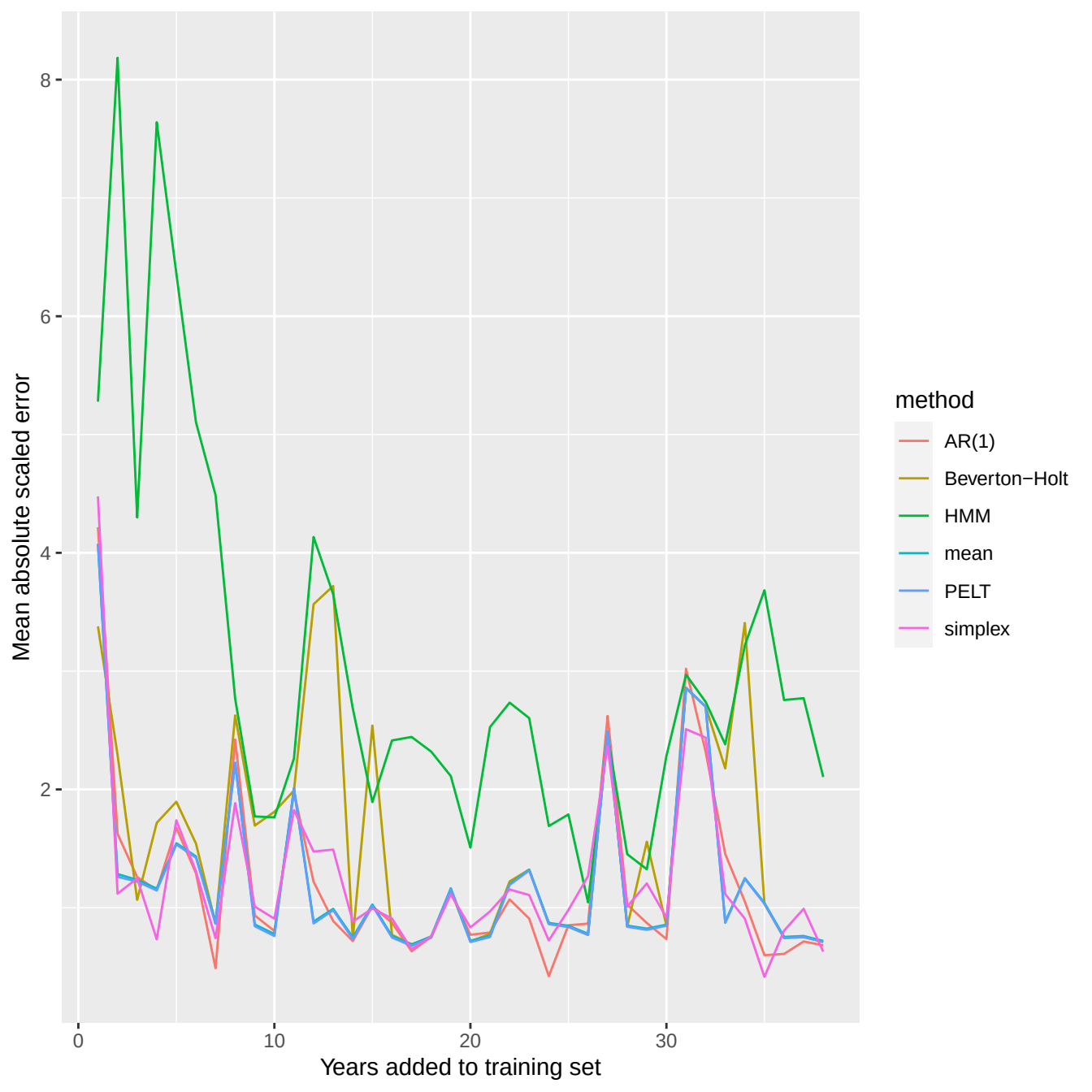

1−step Forecasts
(a) mean
(b) AR(1)
(c) Beverton−Holt
(d) simplex
(e) PELT
(f) HMM
Recruitment ('000s)
Year
1980
2000
2020
6e+07
4e+07
2e+07
7.5e+07
5.0e+07
2.5e+07
0.0e+00
2.5e+08
2.0e+08
1.5e+08
1.0e+08
5.0e+07
3e+08
2e+08
1e+08
0e+00


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
6
4
2
0
10
20
30
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
Recruitment ('000s)
Year
6e+07
4e+07
2e+07
2e+08
1e+08
0e+00
5e+07
1980
2000
2020


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


Mean absolute scaled error
8
6
4
2
0
10
20
30
Years added to training set
method
AR(1)
Beverton−Holt
HMM
mean
PELT
simplex