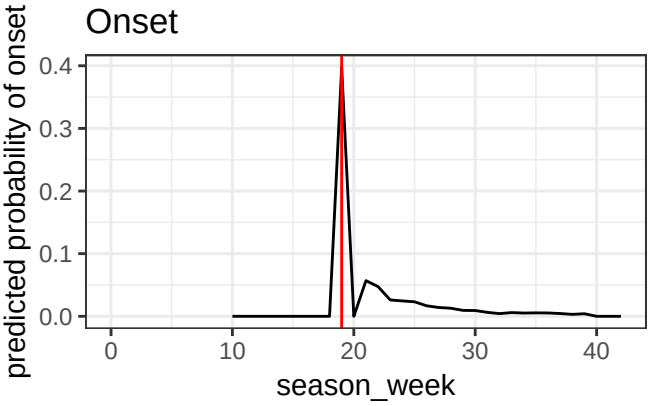
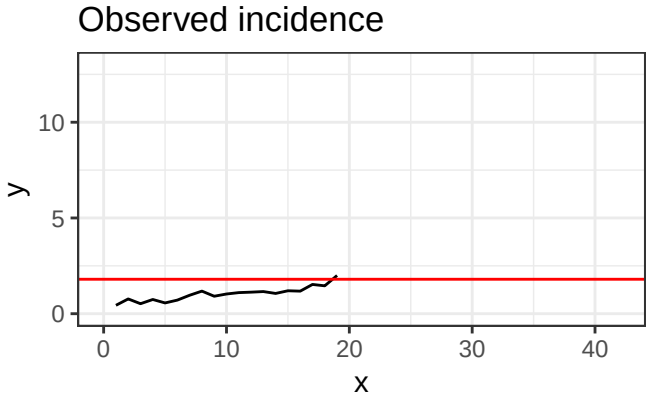
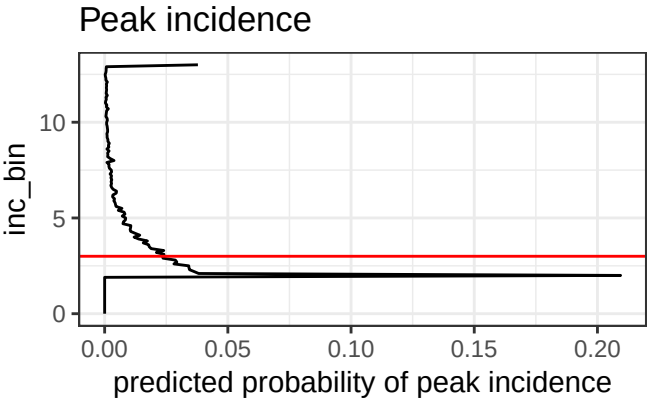
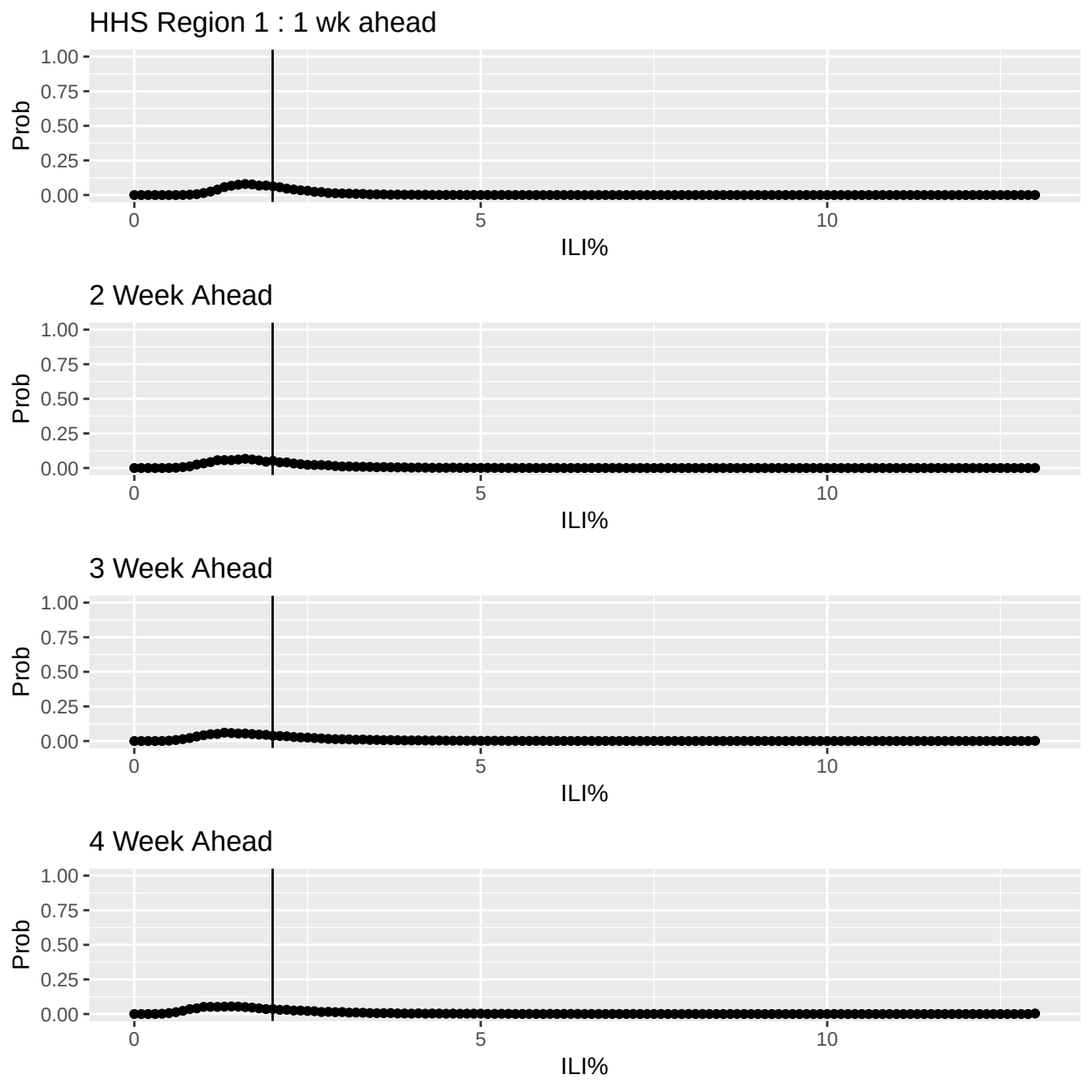
HHS Region 1


Onset
predicted probability of onset
0.4
0.3
0.2
0.1
0.0
0
10
20
30
40
season_week

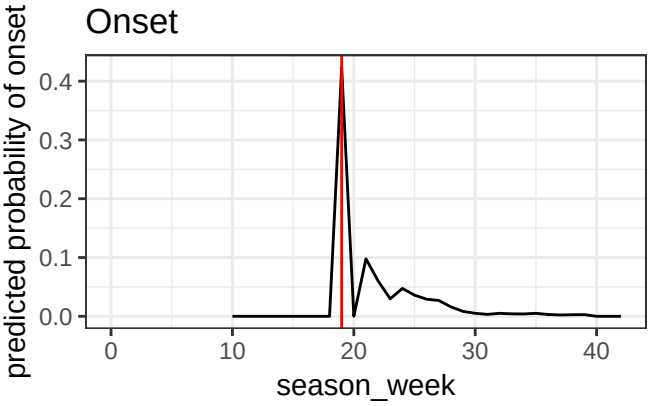

Observed incidence
y
10
5
0
0
10
20
30
40
x

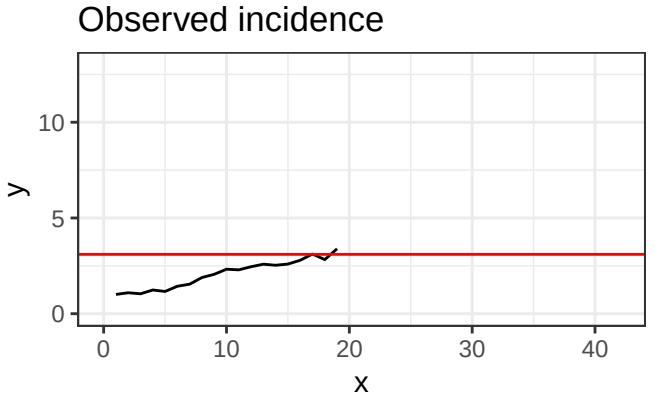

Peak incidence
inc_bin
10
5
0
0.00
0.05
0.10
0.15
0.20
predicted probability of peak incidence

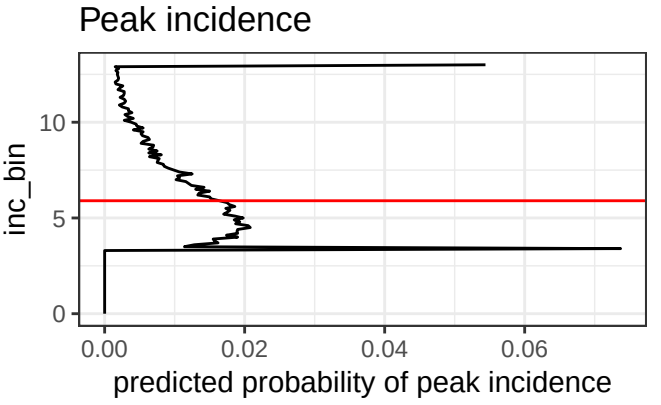
Peak timing
predicted probability of peak
0.15
0.10
0.05
0.00
0
10
20
30
40
season_week


HHS Region 1 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

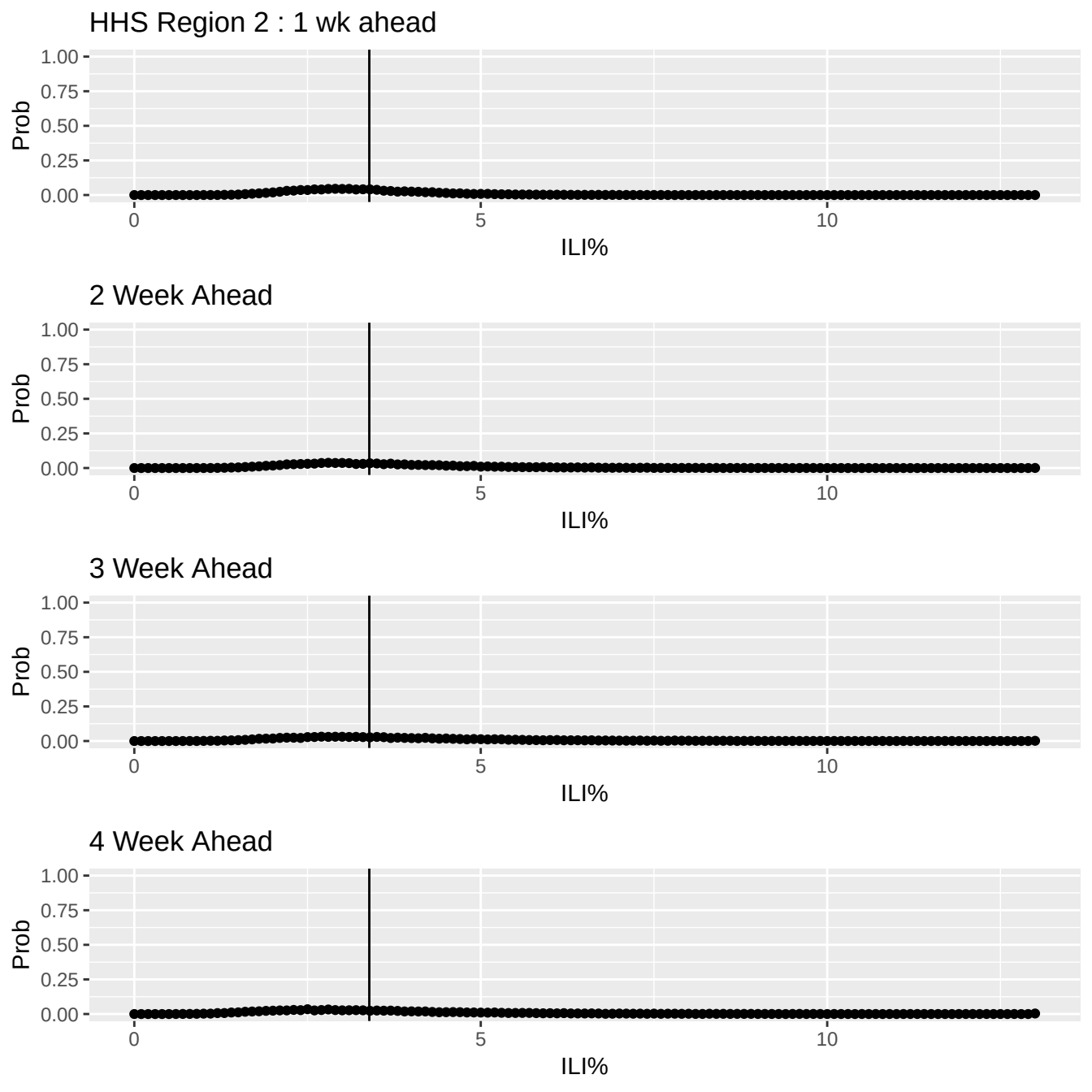
HHS Region 2


Onset
predicted probability of onset
0.4
0.3
0.2
0.1
0.0
0
10
20
30
40
season_week

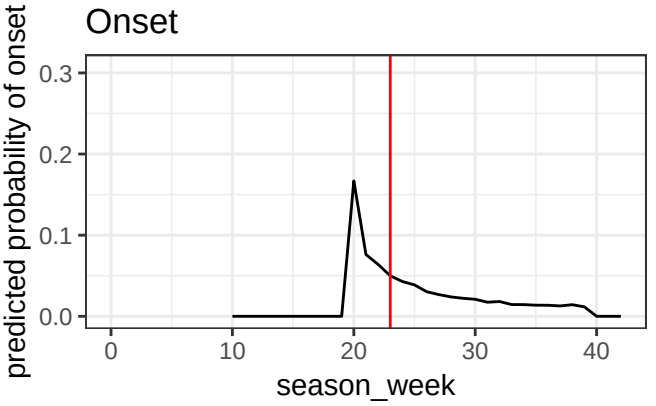

Observed incidence
y
10
5
0
0
10
20
30
40
x

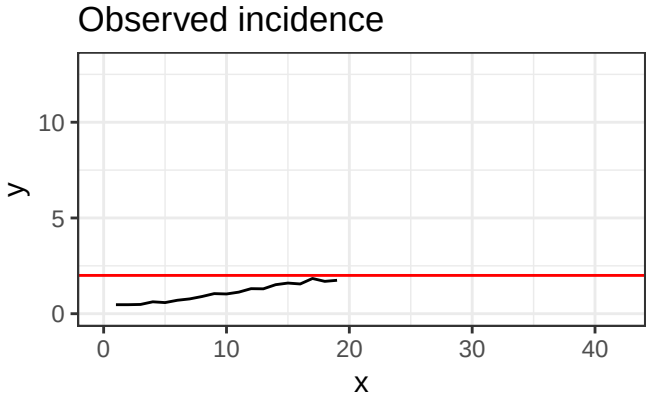

Peak incidence
inc_bin
10
5
0
0.00
0.02
0.04
0.06
predicted probability of peak incidence

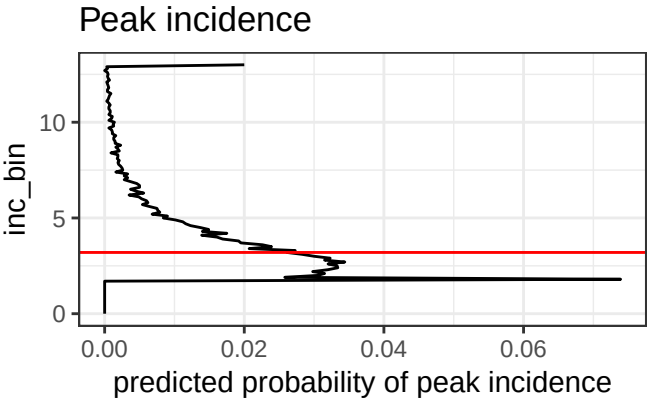
Peak timing
predicted probability of peak
0.075
0.050
0.025
0.000
0
10
20
30
40
season_week


HHS Region 2 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

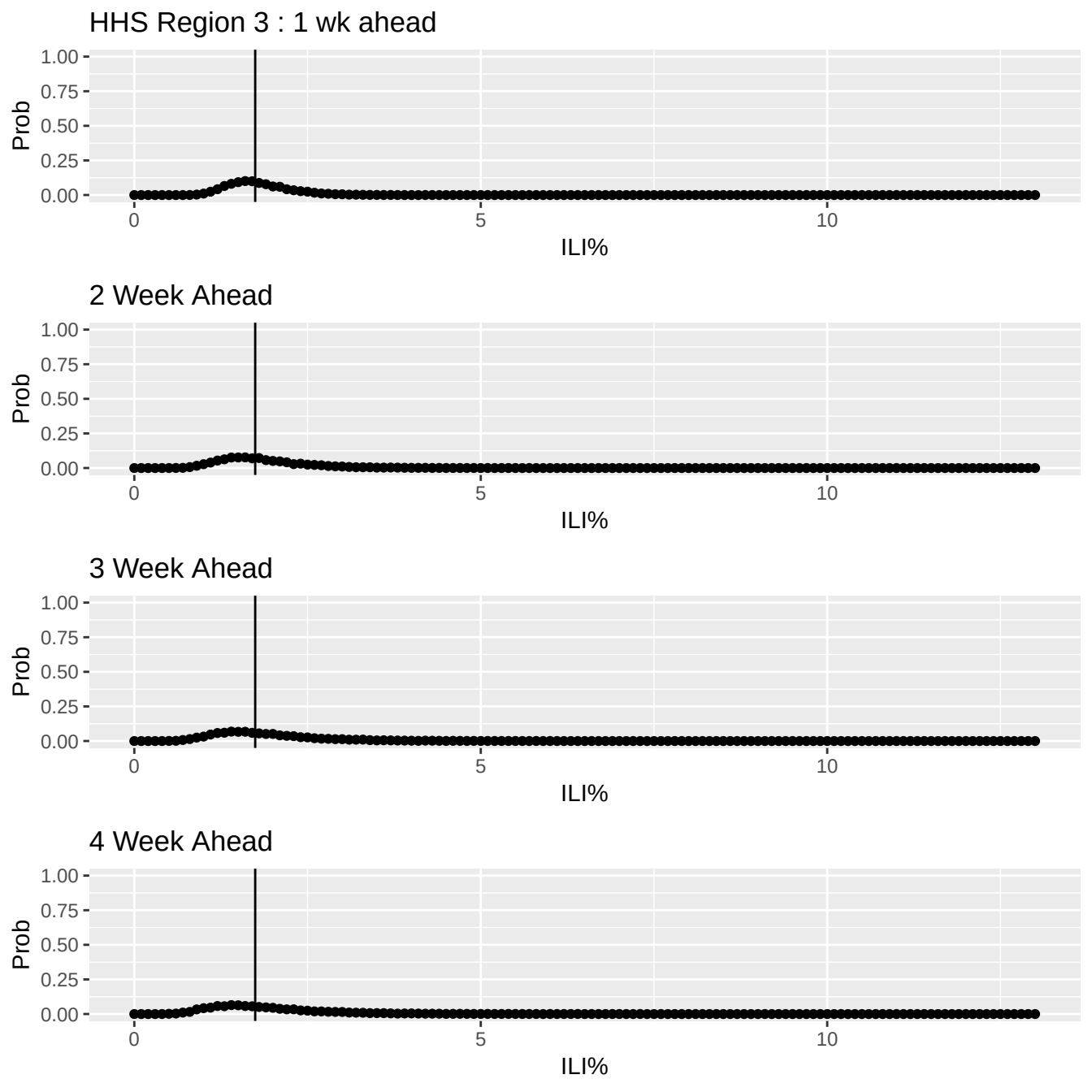
HHS Region 3


Onset
predicted probability of onset
0.3
0.2
0.1
0.0
0
10
20
30
40
season_week

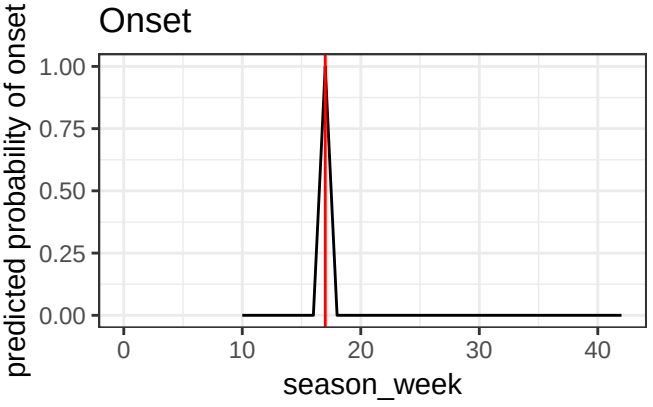

Observed incidence
y
10
5
0
0
10
20
30
40
x

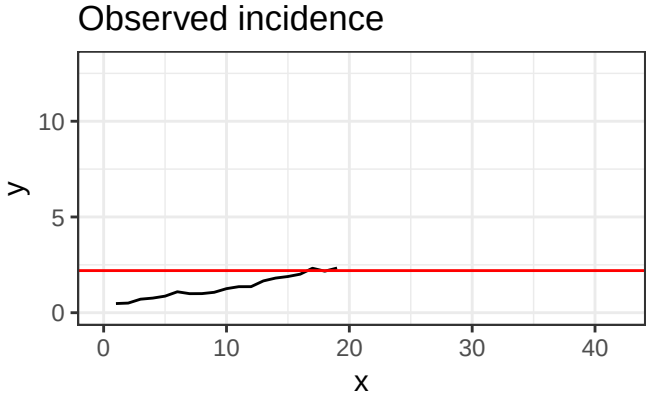

Peak incidence
inc_bin
10
5
0
0.00
0.02
0.04
0.06
predicted probability of peak incidence

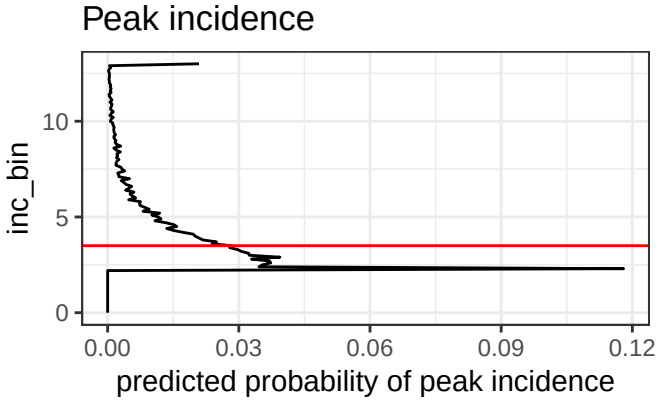
Peak timing
predicted probability of peak
0.06
0.04
0.02
0.00
0
10
20
30
40
season_week


HHS Region 3 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

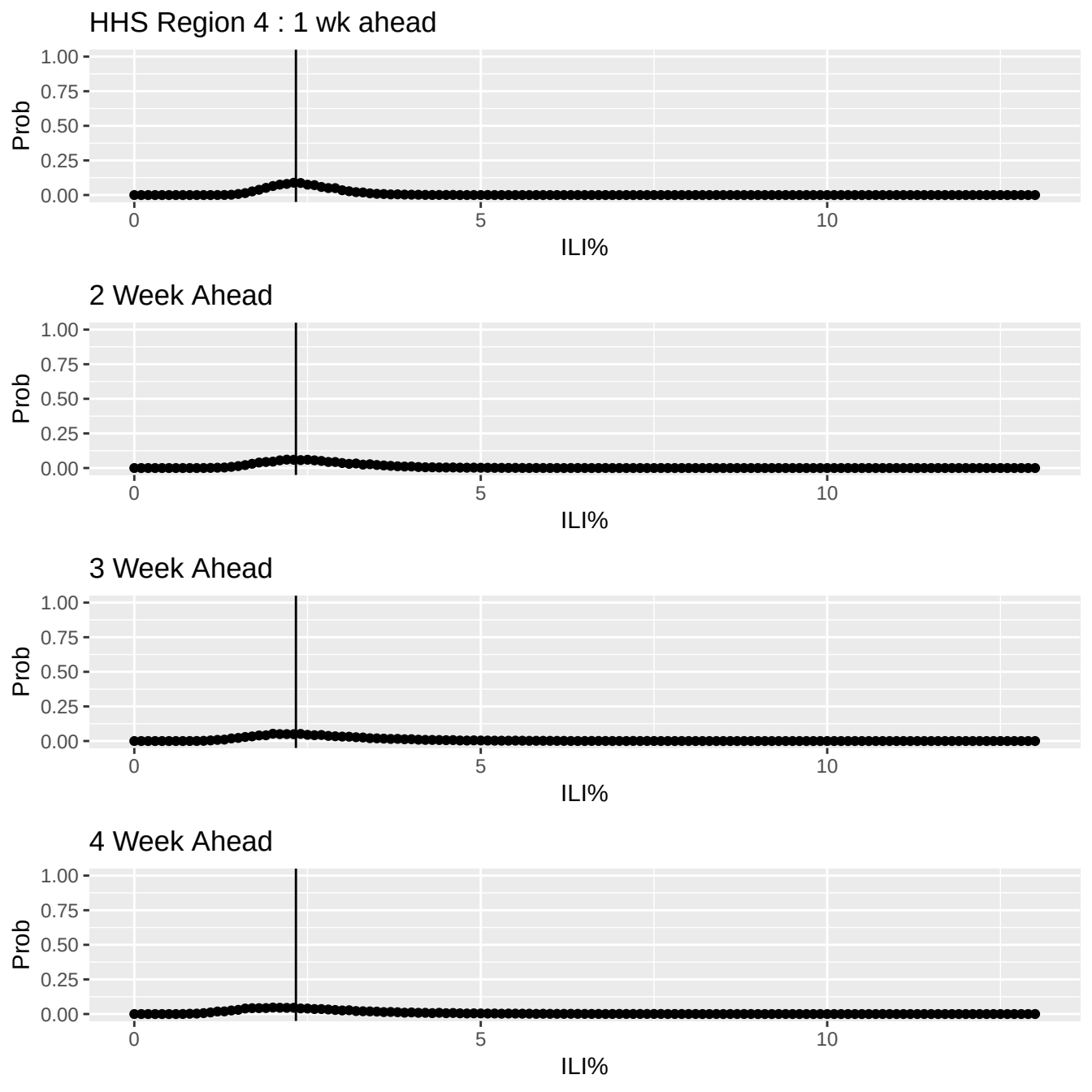
HHS Region 4


Onset
predicted probability of onset
1.00
0.75
0.50
0.25
0.00
0
10
20
30
40
season_week

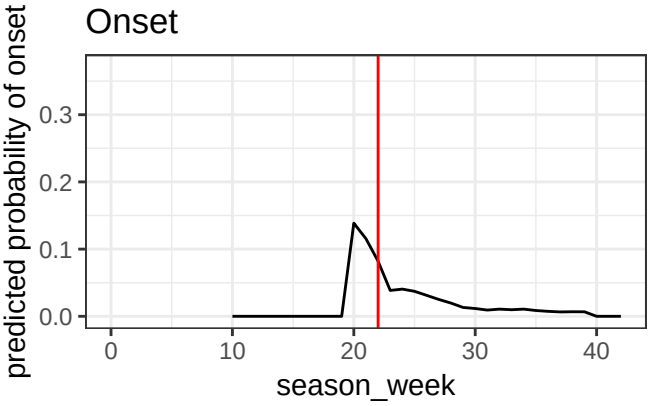

Observed incidence
y
10
5
0
0
10
20
30
40
x

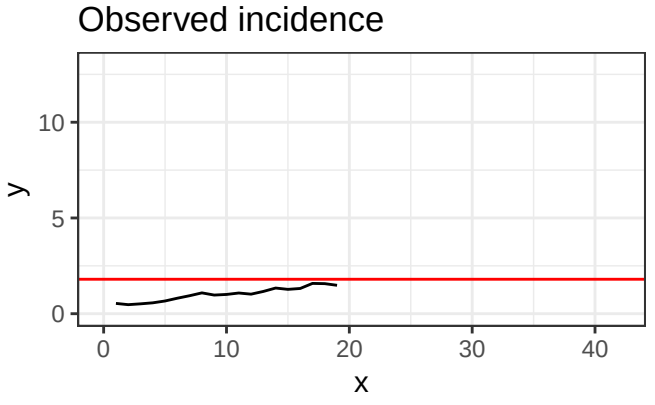

Peak incidence
inc_bin
10
5
0
0.00
0.03
0.06
0.09
0.12
predicted probability of peak incidence

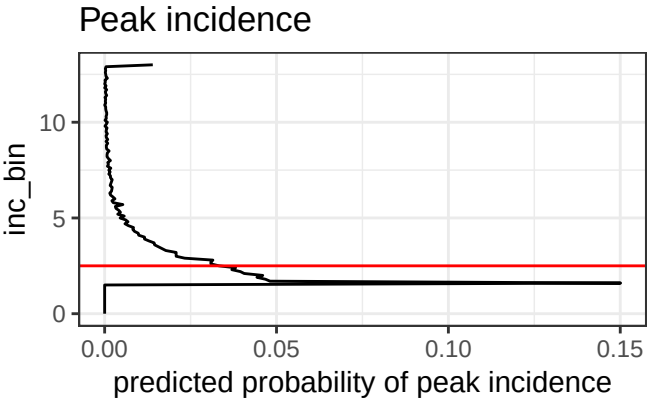
Peak timing
predicted probability of peak
0.075
0.050
0.025
0.000
0
10
20
30
40
season_week


HHS Region 4 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

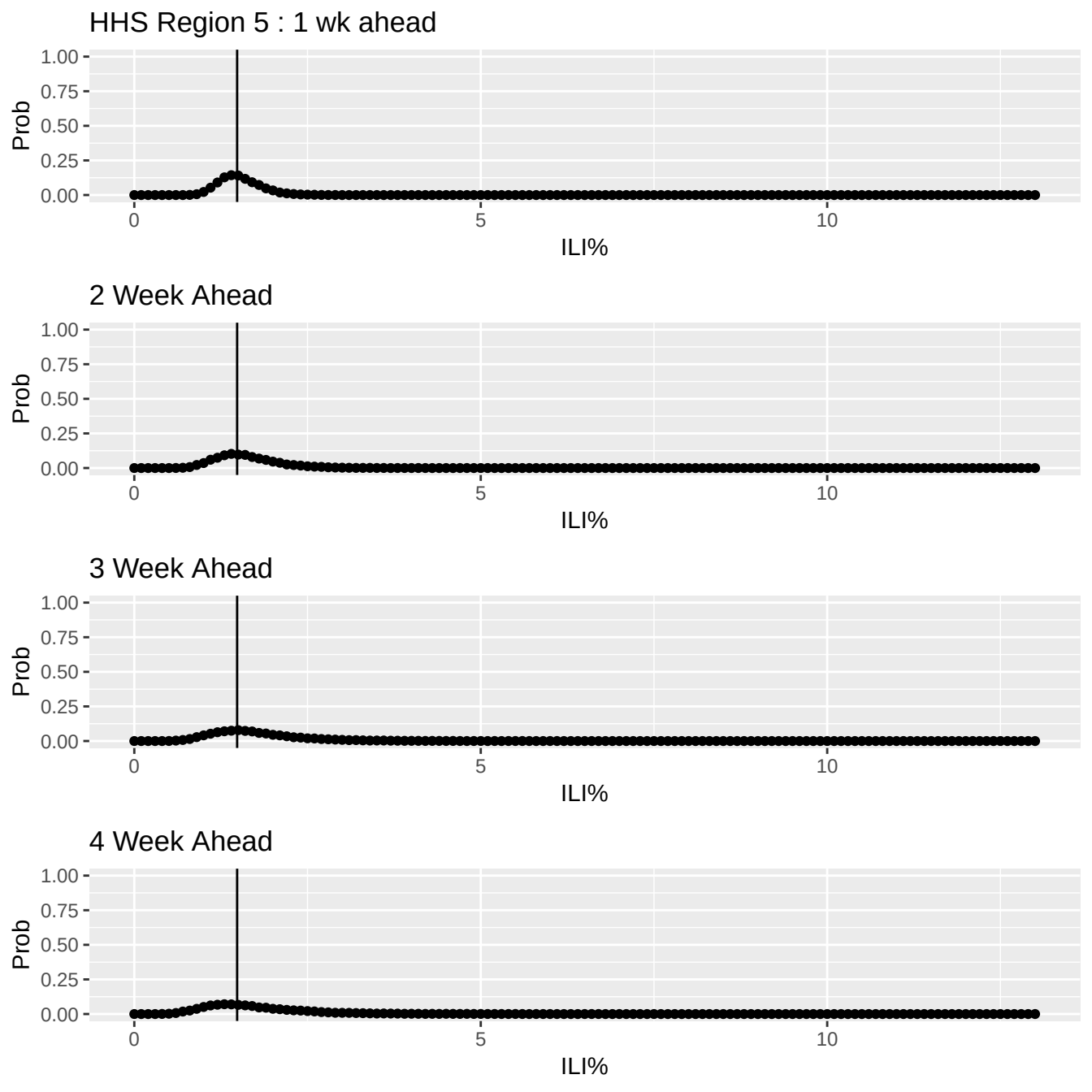
HHS Region 5


Onset
predicted probability of onset
0.0
0.1
0.2
0.3
0
10
20
30
40
season_week

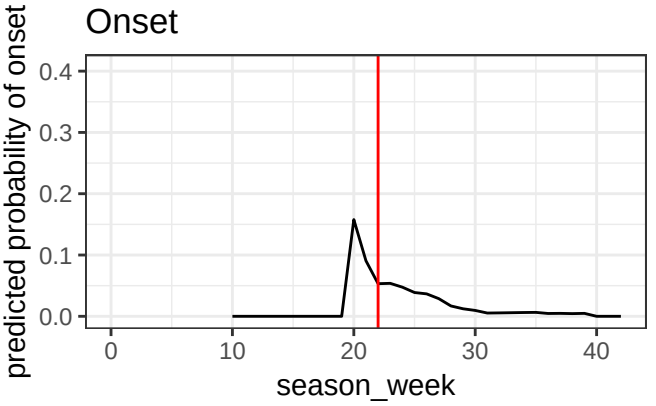

Observed incidence
y
0
5
10
0
10
20
30
40
x

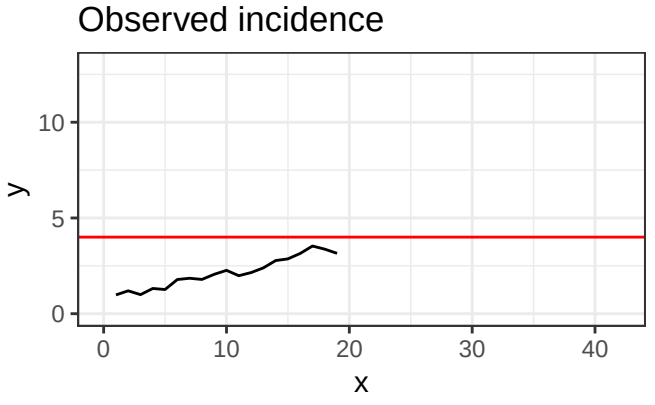

Peak incidence
inc_bin
0
5
10
0.00
0.05
0.10
0.15
predicted probability of peak incidence

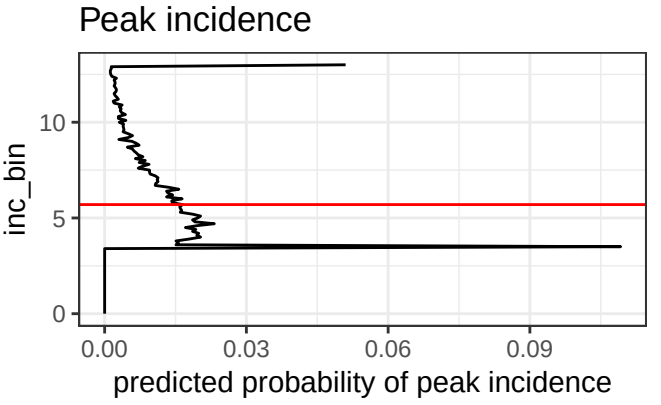
Peak timing
predicted probability of peak
0.00
0.03
0.06
0.09
0
10
20
30
40
season_week


HHS Region 5 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

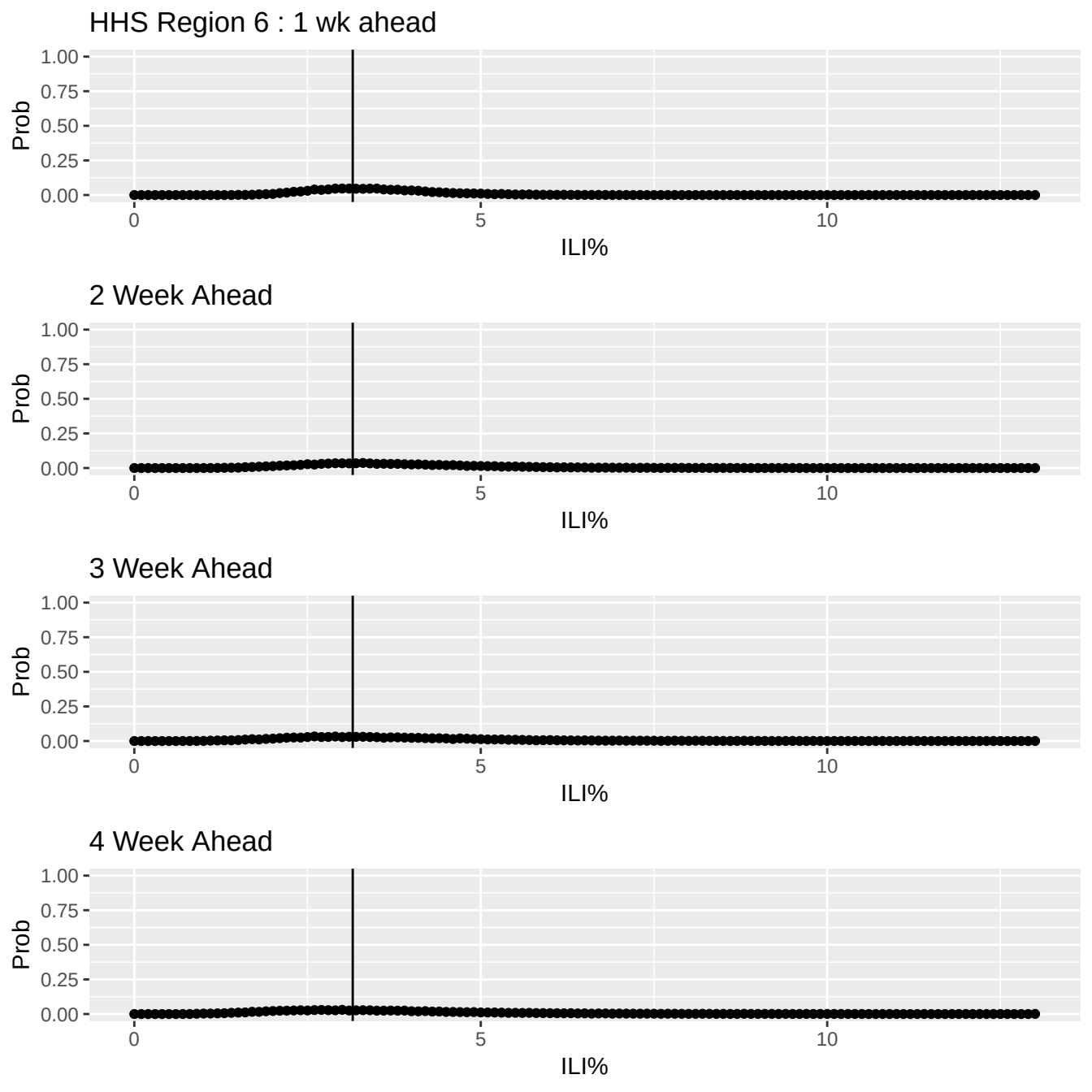
HHS Region 6


Onset
predicted probability of onset
0.4
0.3
0.2
0.1
0.0
0
10
20
30
40
season_week

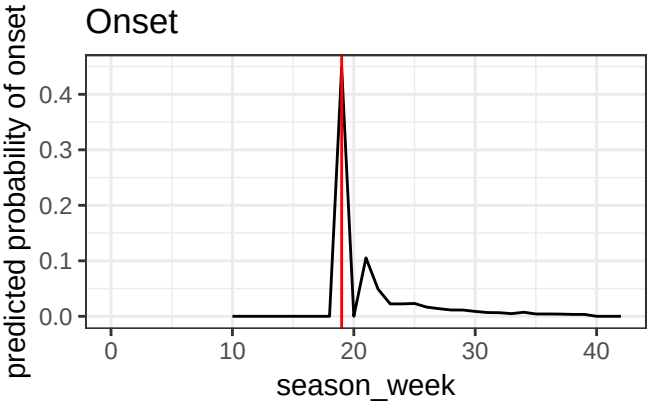

Observed incidence
y
10
5
0
0
10
20
30
40
x

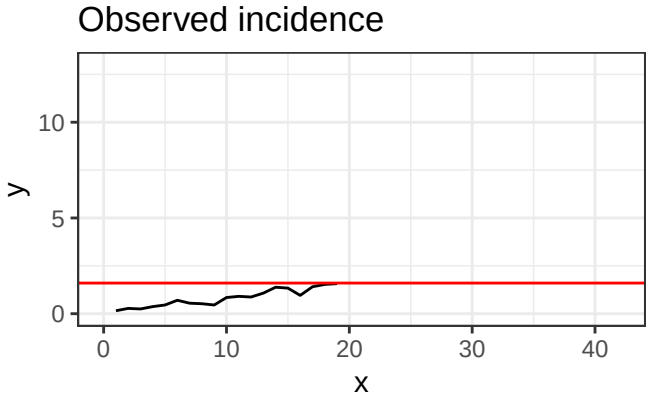

Peak incidence
inc_bin
10
5
0
0.00
0.03
0.06
0.09
predicted probability of peak incidence

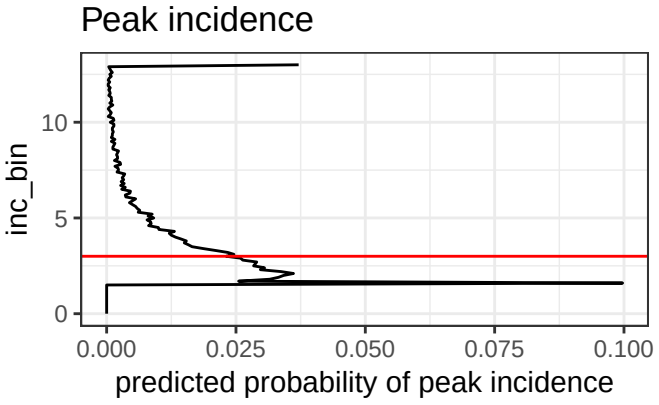
Peak timing
predicted probability of peak
0.075
0.050
0.025
0.000
0
10
20
30
40
season_week


HHS Region 6 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

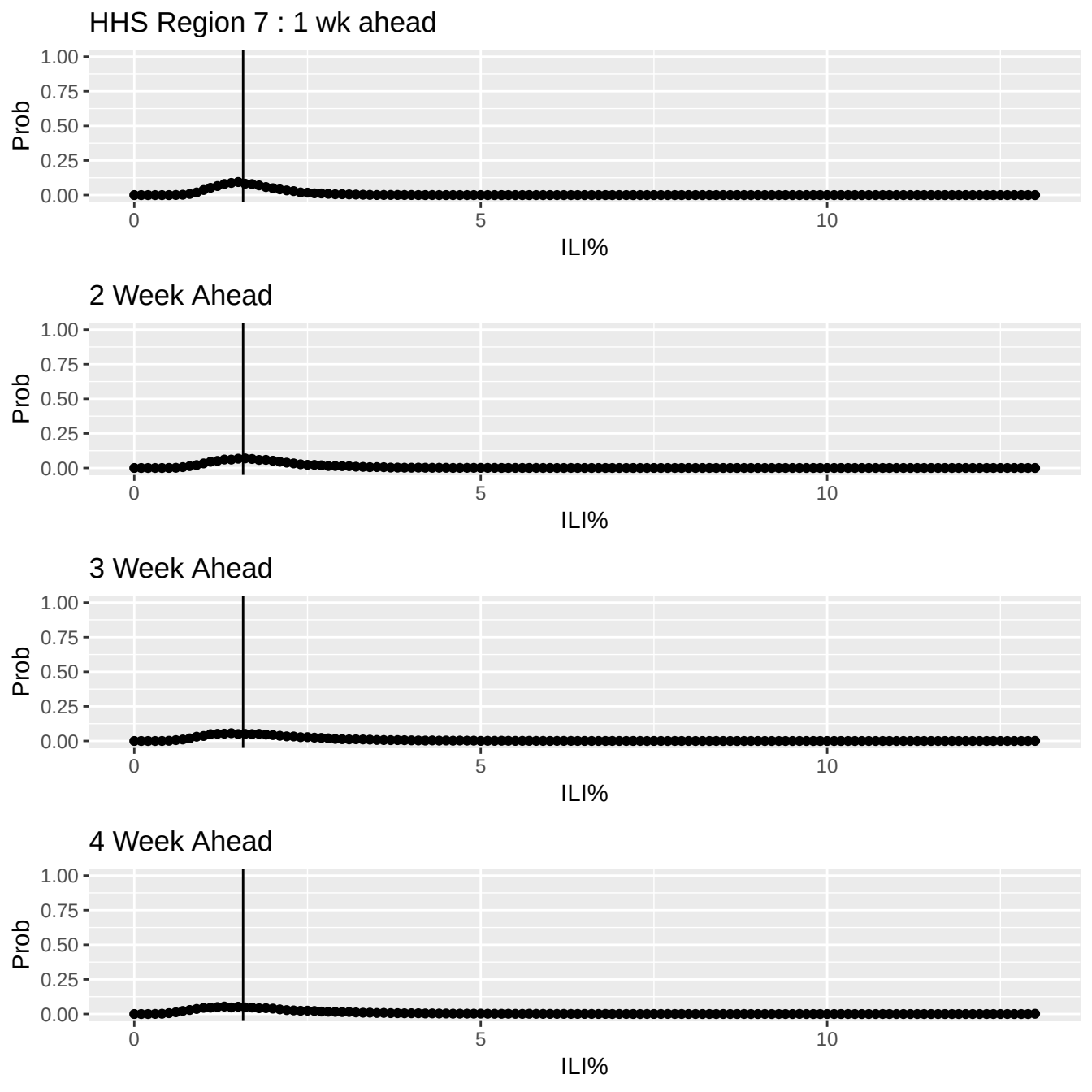
HHS Region 7


Onset
predicted probability of onset
0.4
0.3
0.2
0.1
0.0
0
10
20
30
40
season_week

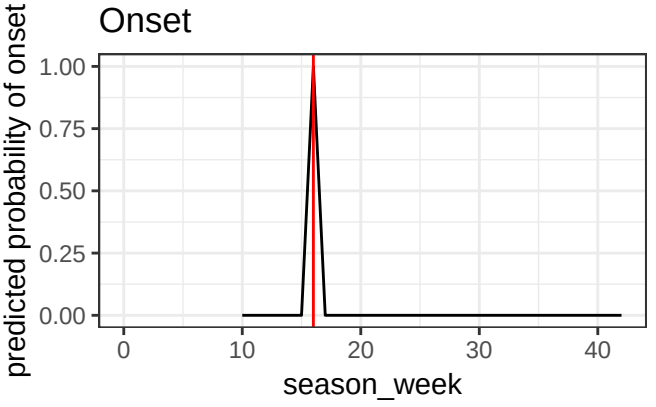

Observed incidence
y
10
5
0
0
10
20
30
40
x

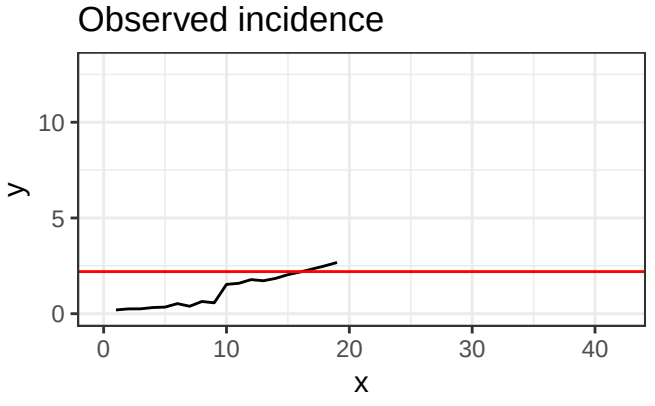

Peak incidence
inc_bin
10
5
0
0.000
0.025
0.050
0.075
0.100
predicted probability of peak incidence

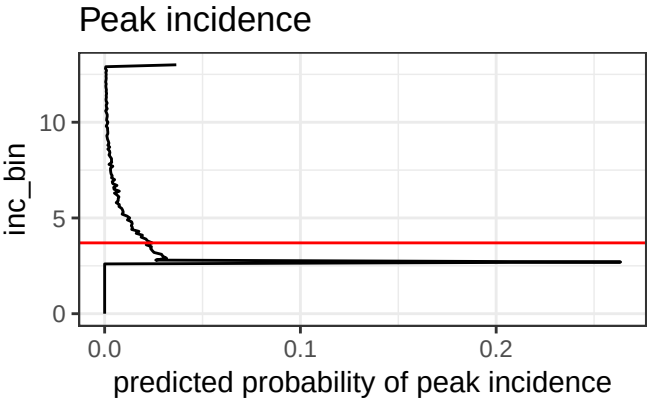
Peak timing
predicted probability of peak
0.075
0.050
0.025
0.000
0
10
20
30
40
season_week


HHS Region 7 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

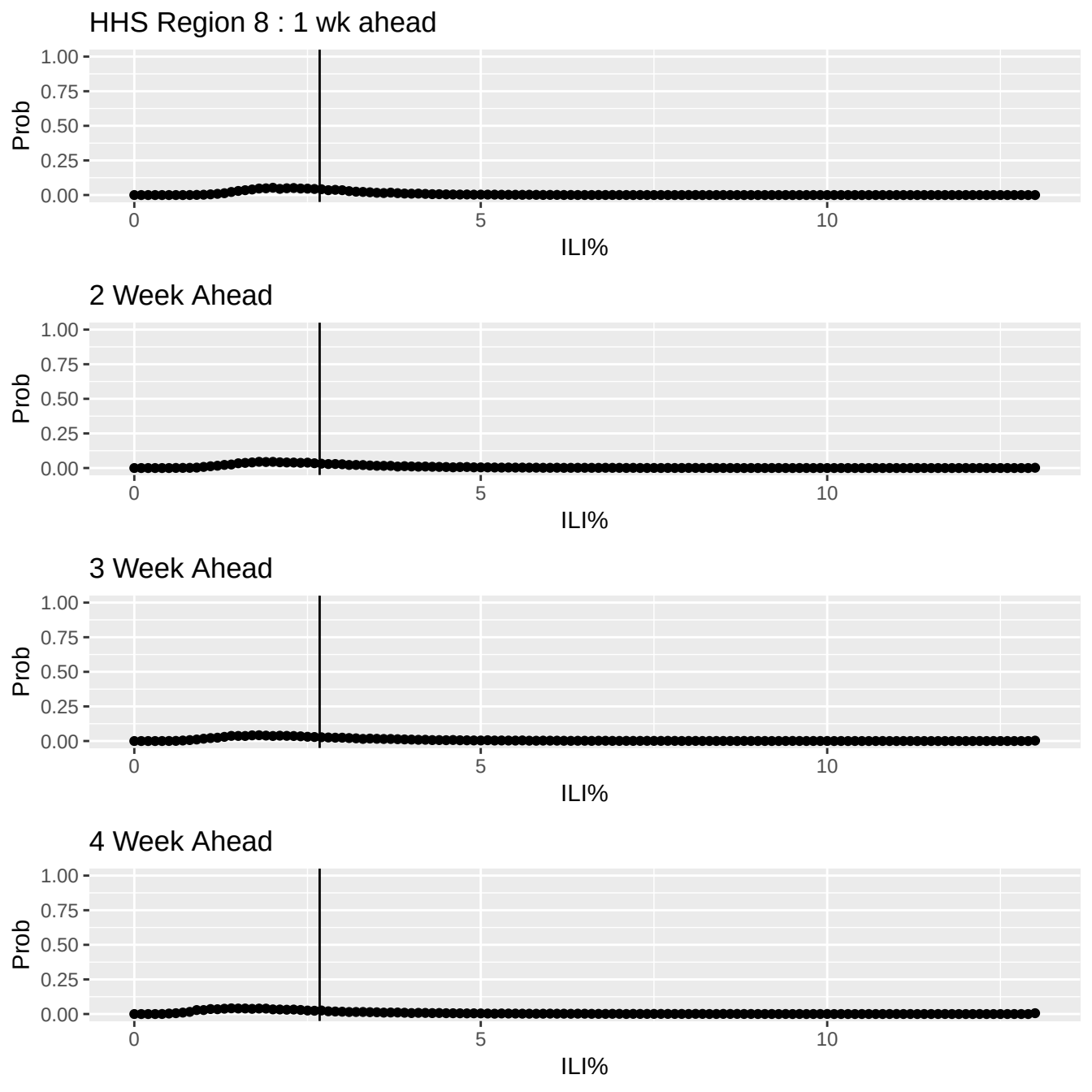
HHS Region 8


Onset
predicted probability of onset
1.00
0.75
0.50
0.25
0.00
0
10
20
30
40
season_week


Observed incidence
y
10
5
0
0
10
20
30
40
x

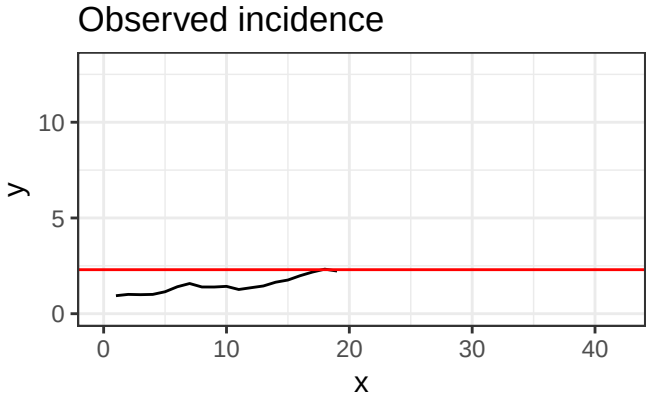

Peak incidence
inc_bin
10
5
0
0.0
0.1
0.2
predicted probability of peak incidence

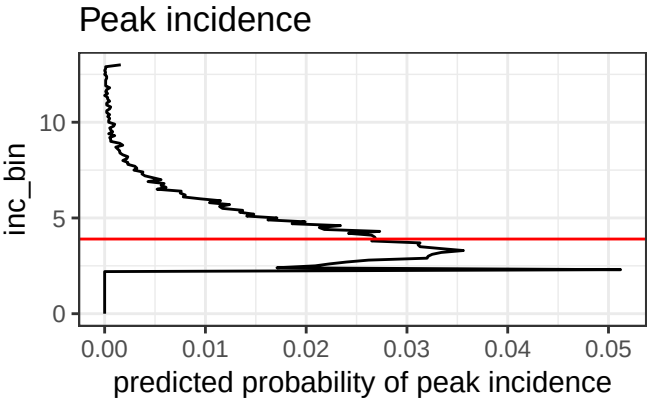
Peak timing
predicted probability of peak
0.25
0.20
0.15
0.10
0.05
0.00
0
10
20
30
40
season_week


HHS Region 8 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

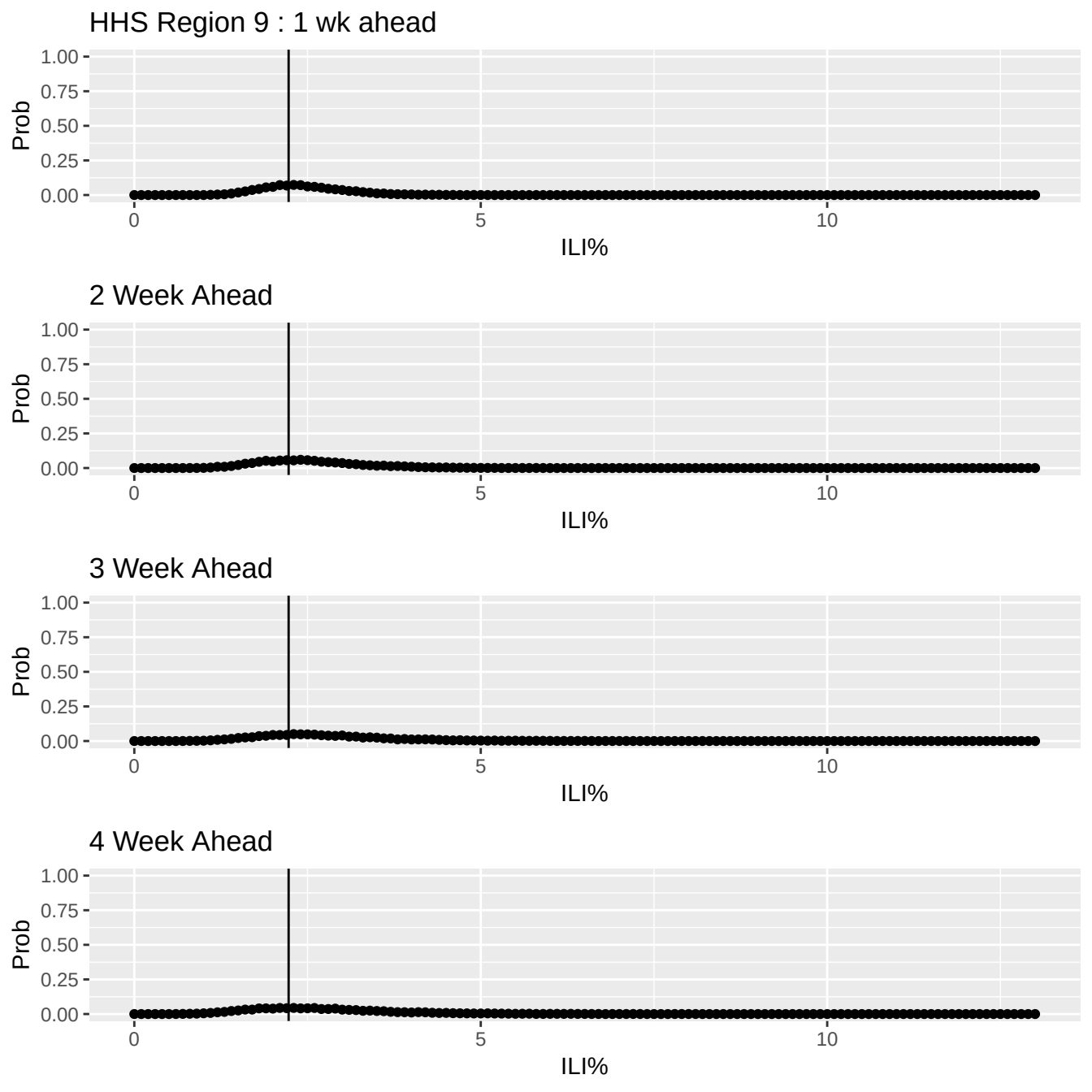
HHS Region 9

Onset
predicted probability of onset
0.4
0.3
0.2
0.1
0.0
0
10
20
30
40
season_week

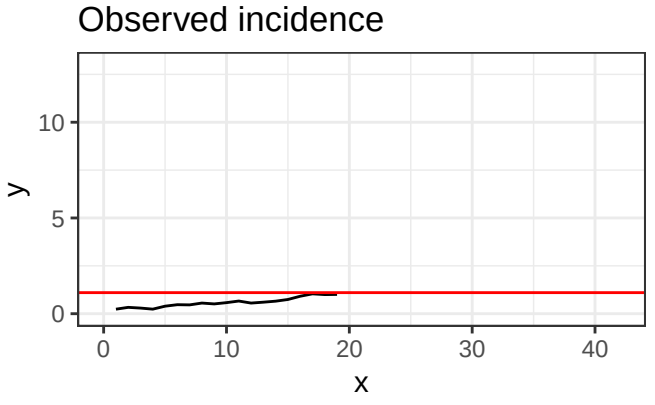

Observed incidence
y
10
5
0
0
10
20
30
40
x

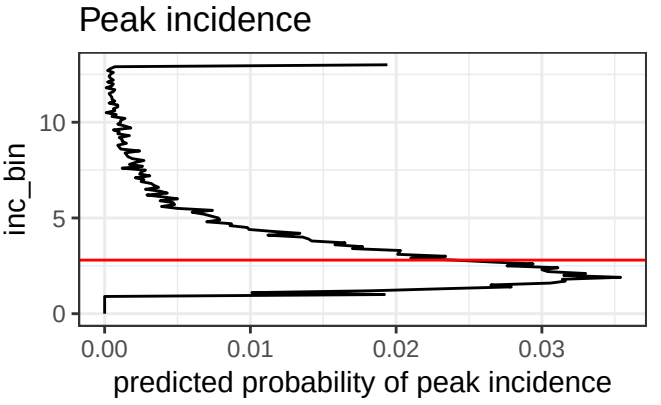

Peak incidence
inc_bin
10
5
0
0.00
0.01
0.02
0.03
0.04
0.05
predicted probability of peak incidence

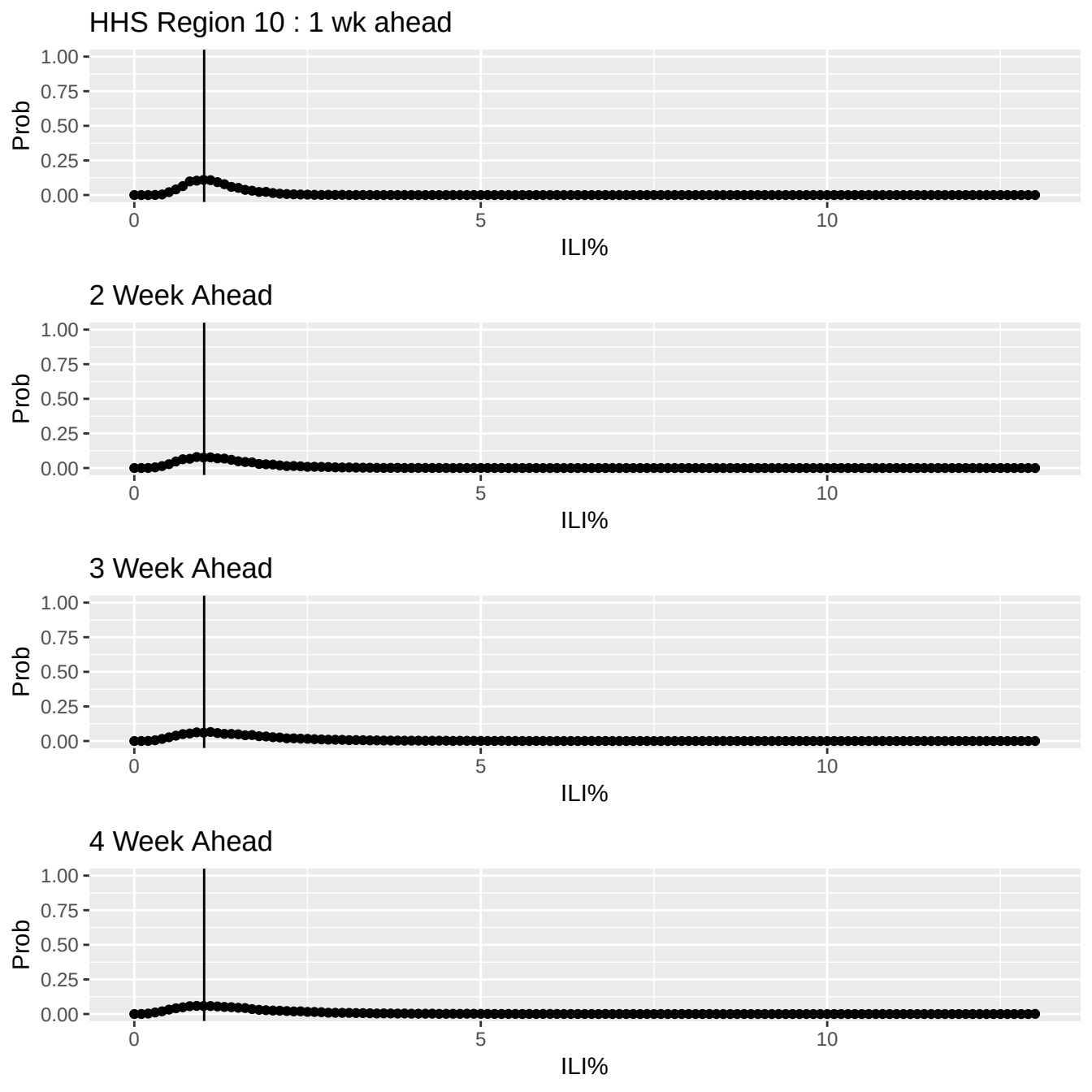
Peak timing
predicted probability of peak
0.075
0.050
0.025
0.000
0
10
20
30
40
season_week


HHS Region 9 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

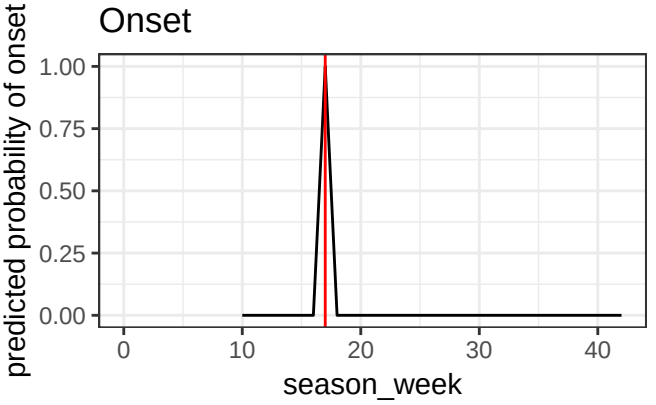
HHS Region 10

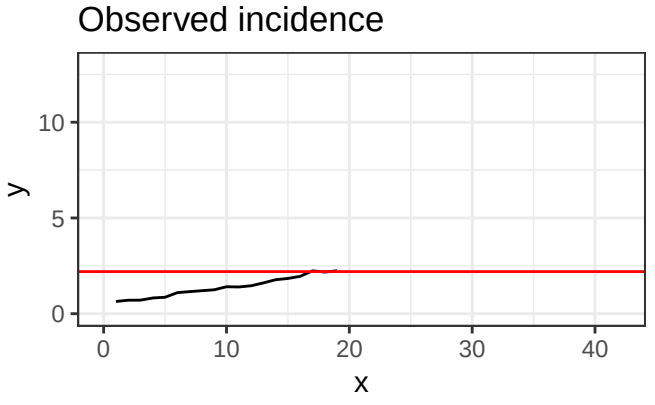


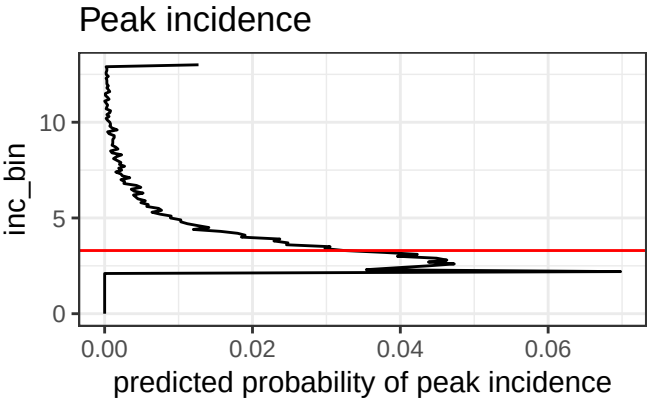



HHS Region 10 : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%

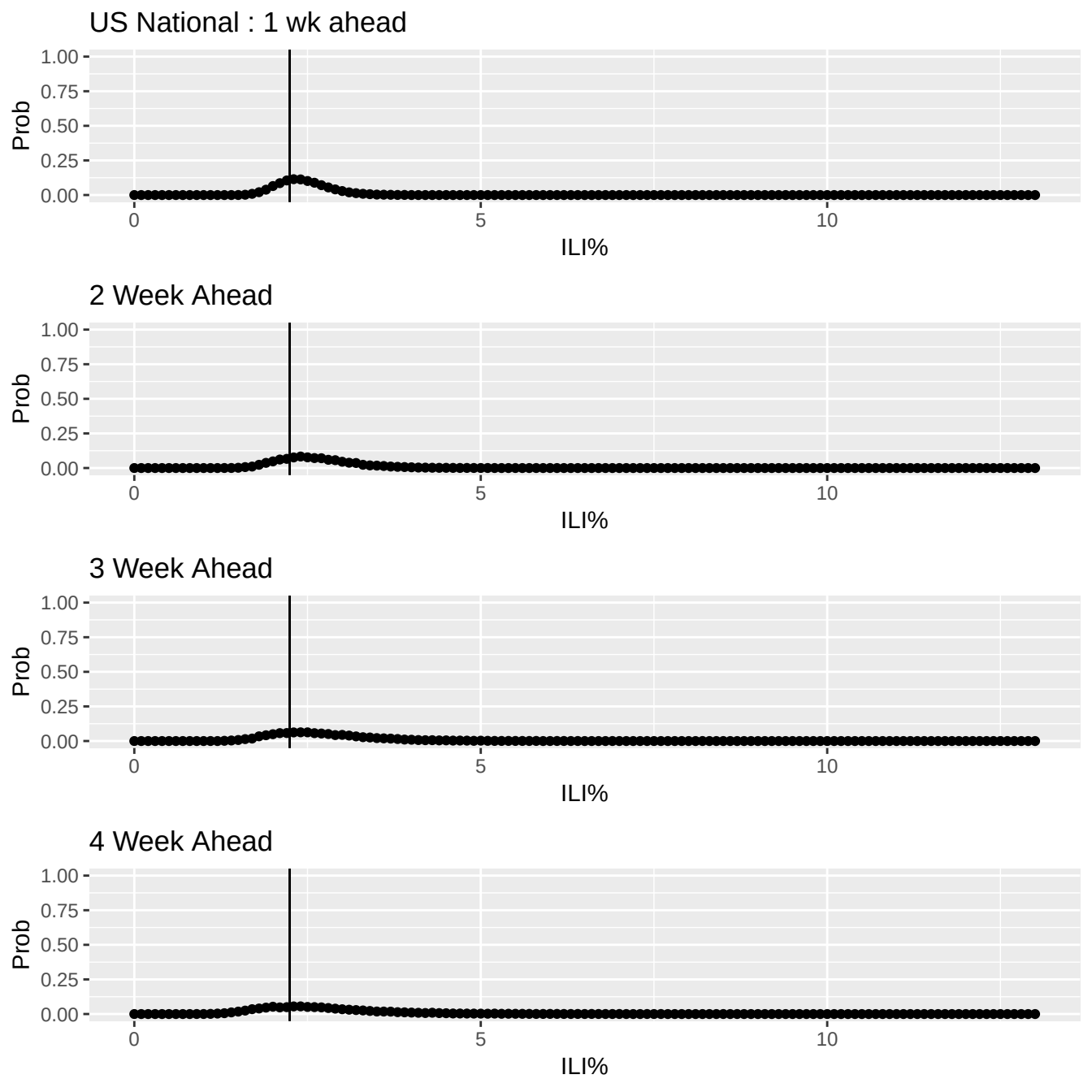
US National


Onset
predicted probability of onset
1.00
0.75
0.50
0.25
0.00
0
10
20
30
40
season_week


Observed incidence
y
10
5
0
0
10
20
30
40
x


Peak incidence
inc_bin
10
5
0
0.00
0.02
0.04
0.06
predicted probability of peak incidence

Peak timing
predicted probability of peak
0.100
0.075
0.050
0.025
0.000
0
10
20
30
40
season_week


US National : 1 wk ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
2 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
3 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%
4 Week Ahead
Prob
1.00
0.75
0.50
0.25
0.00
0
5
10
ILI%