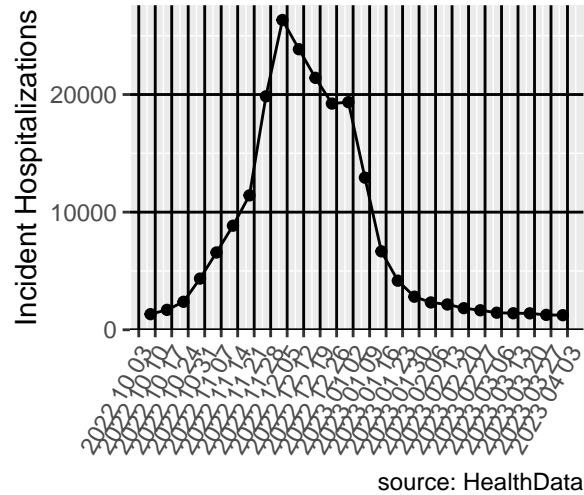


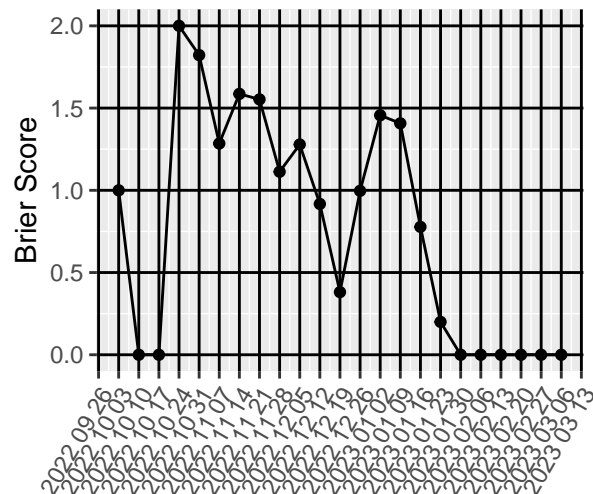
### Truth data for US

Rates:  
1/100k= 3319  
2/100k= 6638



### Evaluation of forecast for US

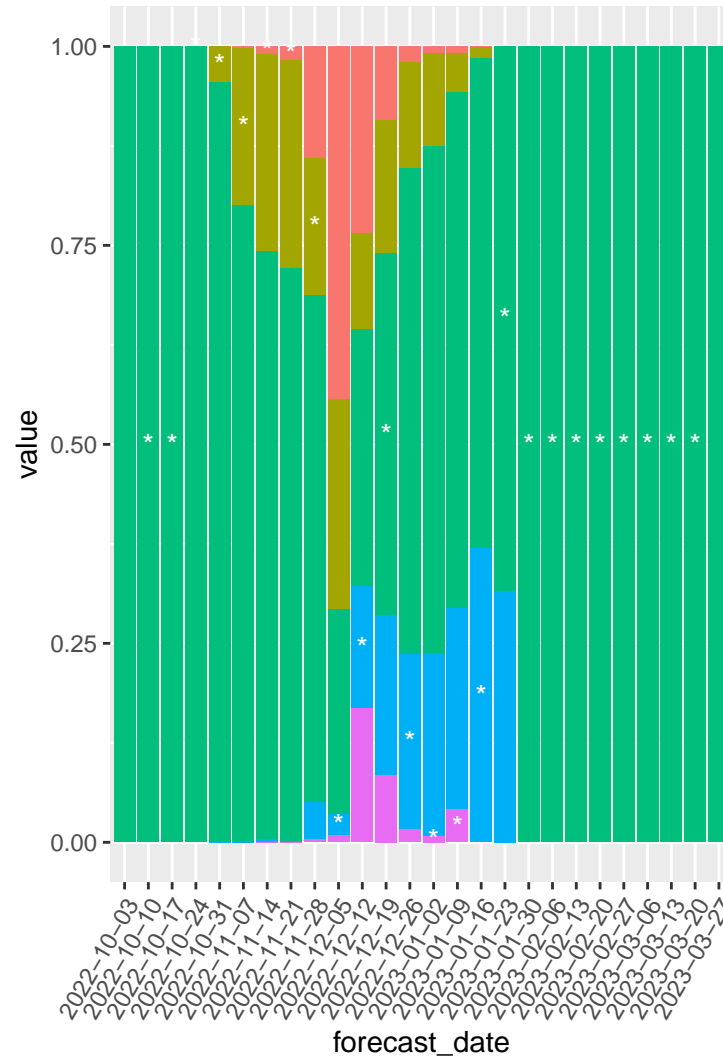
Brier Score  
closer to 0 indicates  
better prediction



### Experimental target:

UMass-trends\_ensemble

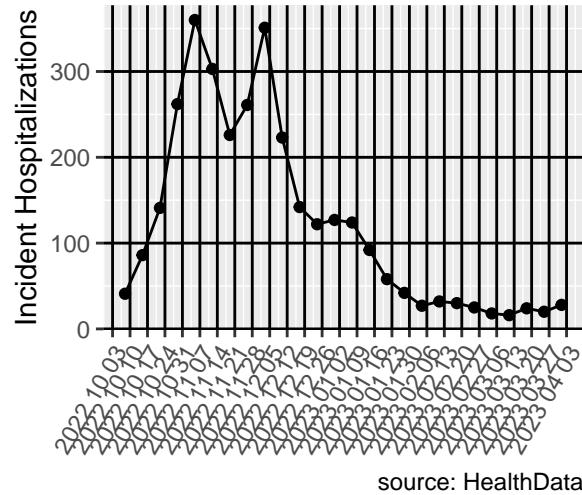
Target for 2 weeks post forecast date  
(\* indicates truth)



large\_increase increase stable decrease decrease

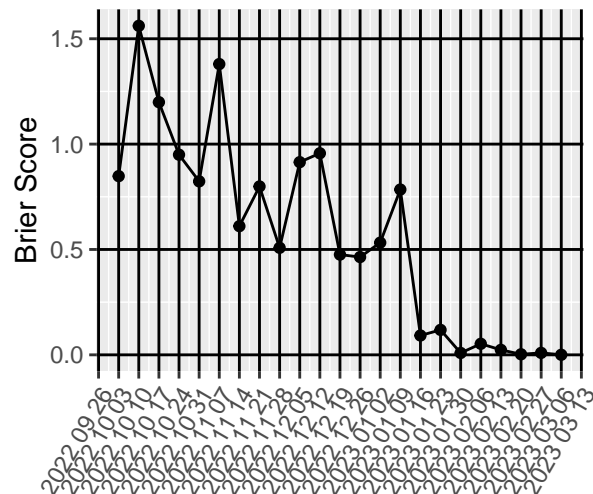
### Truth data for Alabama

Rates:  
1/100k= 50  
2/100k= 101



### Evaluation of forecast for Alabama

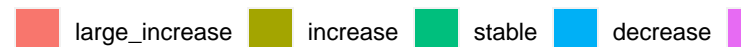
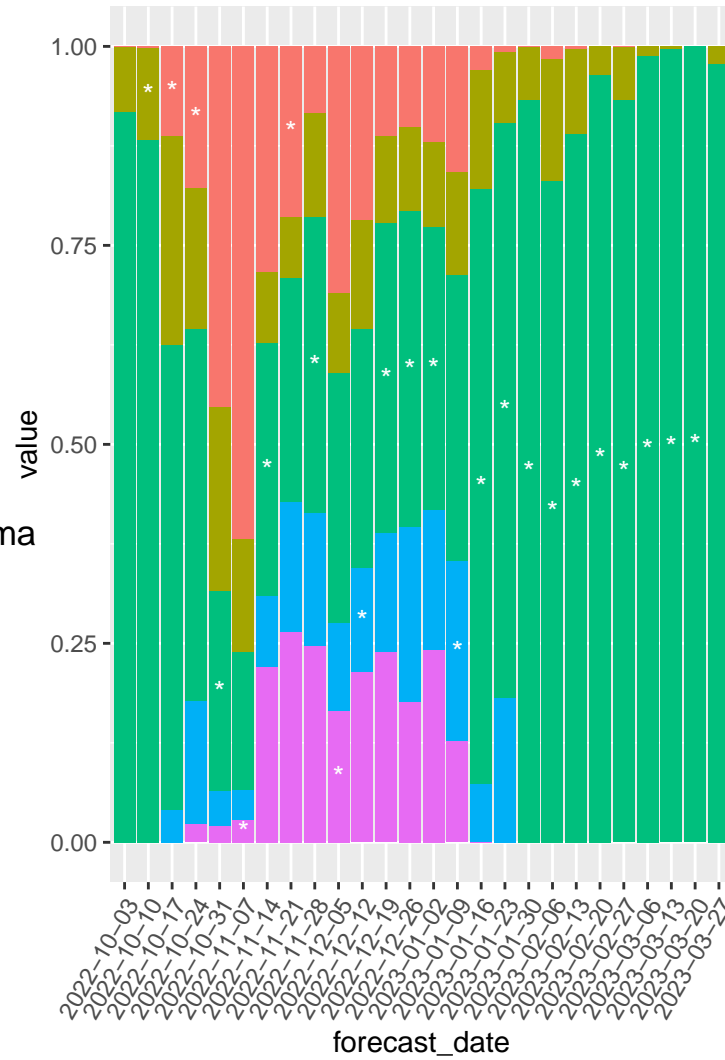
Brier Score  
closer to 0 indicates  
better prediction



### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date  
(\* indicates truth)

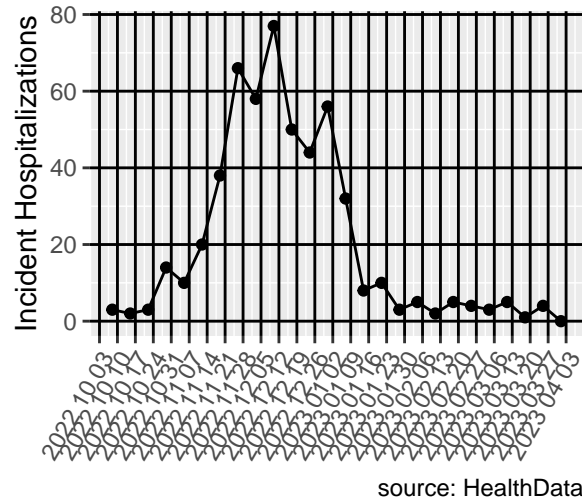


### Truth data for Alaska

Rates:

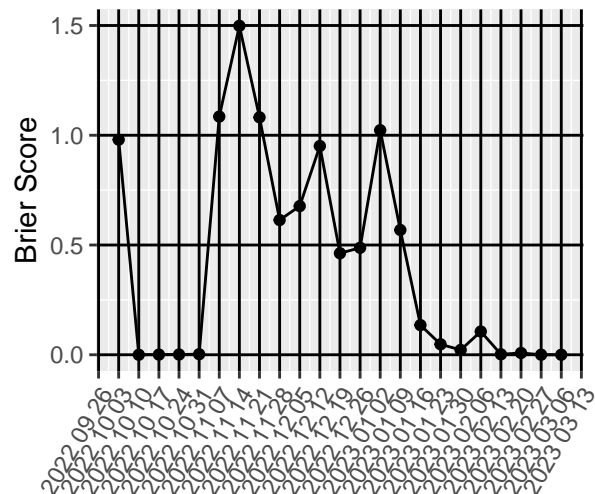
1/100k= 7

2/100k= 15



### Evaluation of forecast for Alaska

Brier Score  
closer to 0 indicates  
better prediction

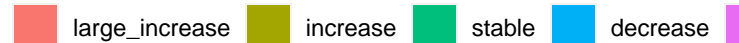
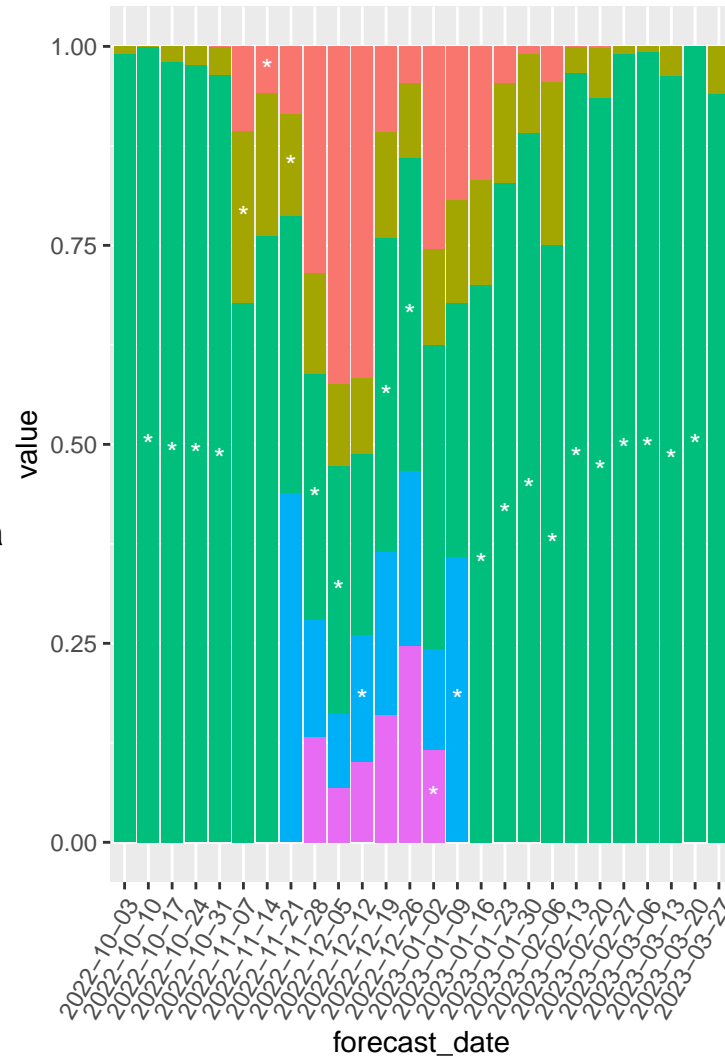


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

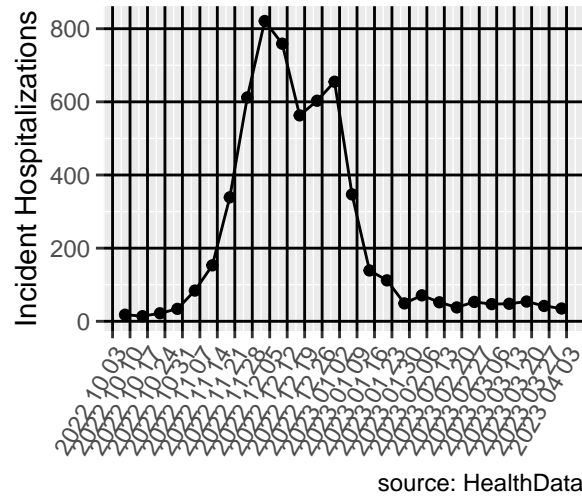


### Truth data for Arizona

Rates:

1/100k= 73

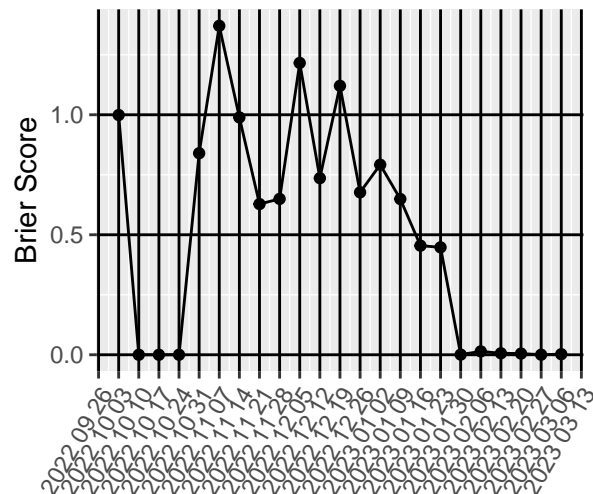
2/100k= 146



### Evaluation of forecast for Arizona

Brier Score

closer to 0 indicates  
better prediction

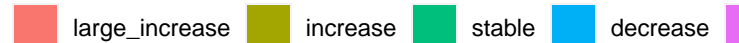
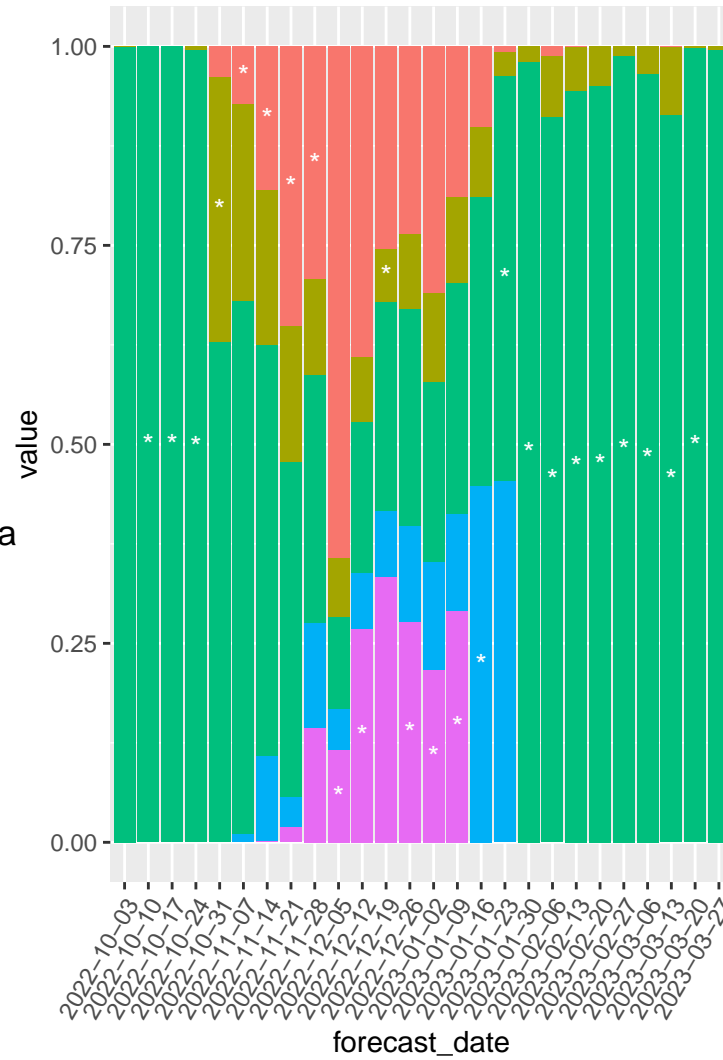


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

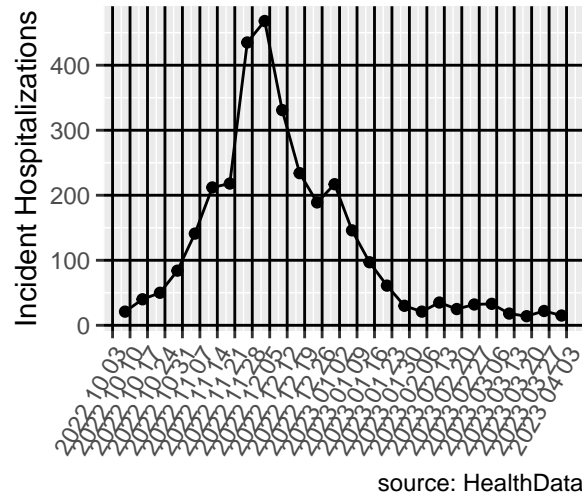


### Truth data for Arkansas

Rates:

1/100k= 30

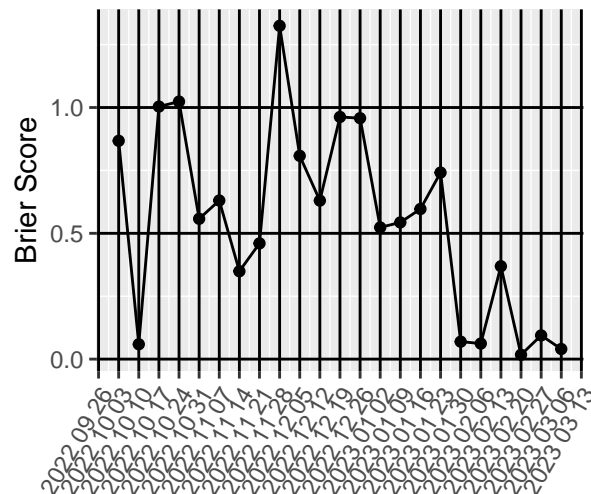
2/100k= 61



### Evaluation of forecast for Arkansas

Brier Score

closer to 0 indicates  
better prediction

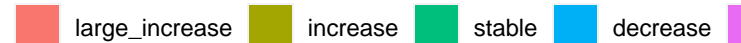
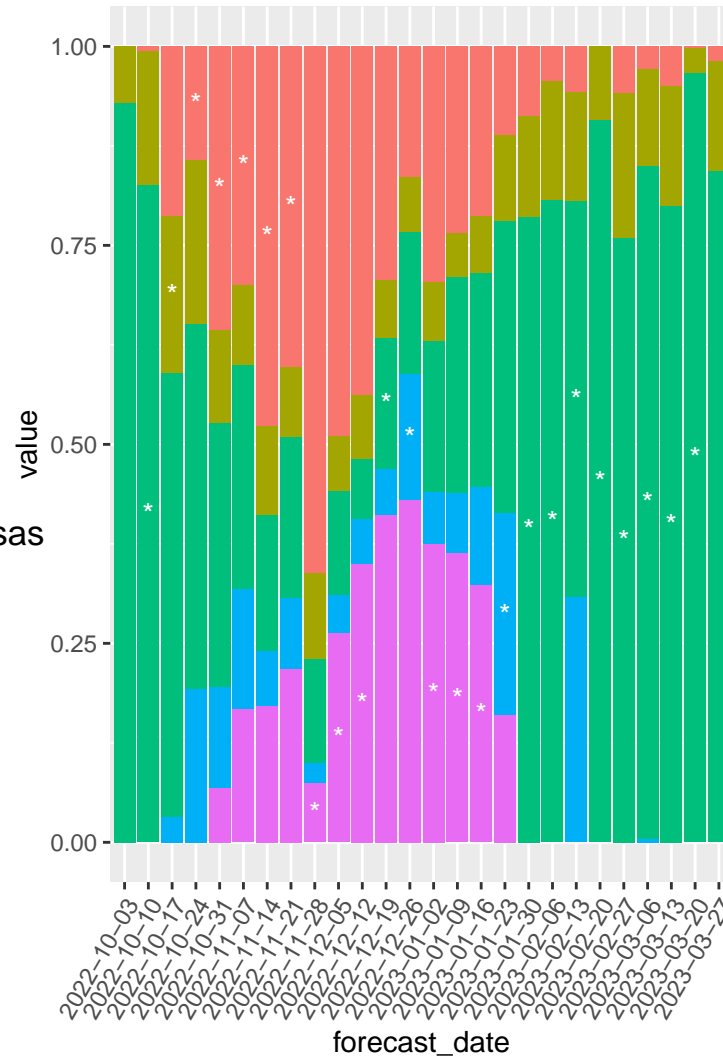


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

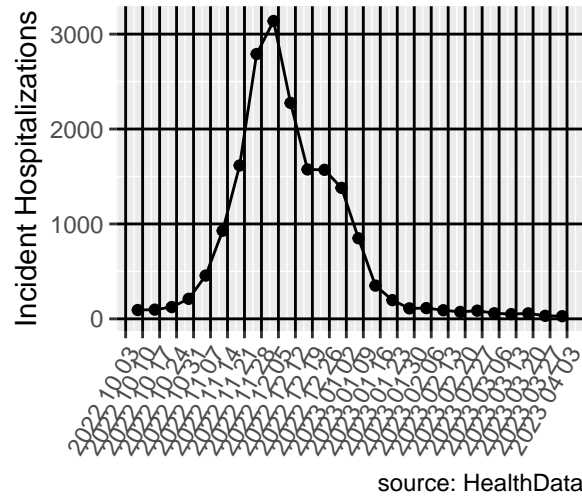


### Truth data for California

Rates:

1/100k= 392

2/100k= 785

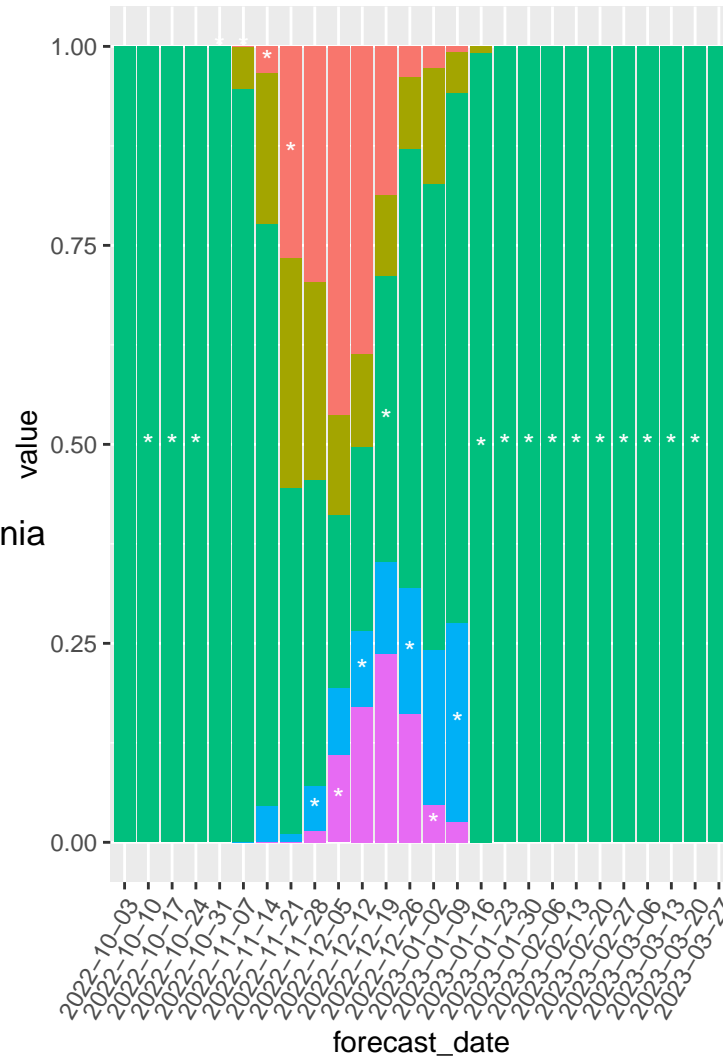


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

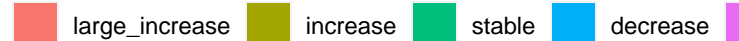
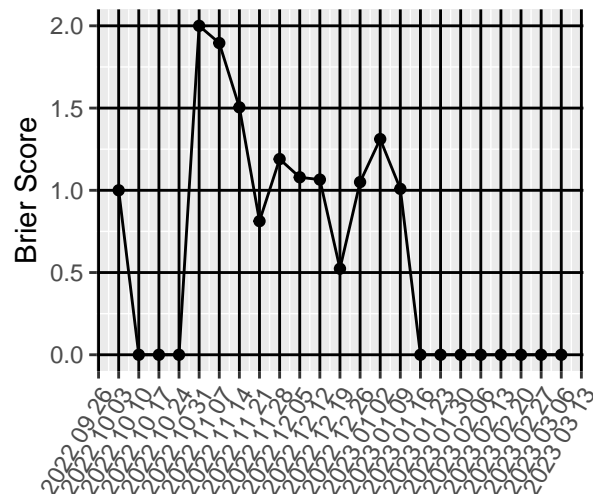
(\* indicates truth)



### Evaluation of forecast for California

Brier Score

closer to 0 indicates  
better prediction

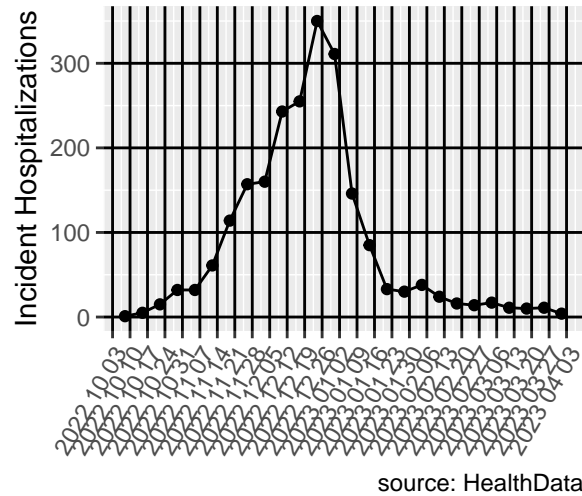


### Truth data for Colorado

Rates:

1/100k= 58

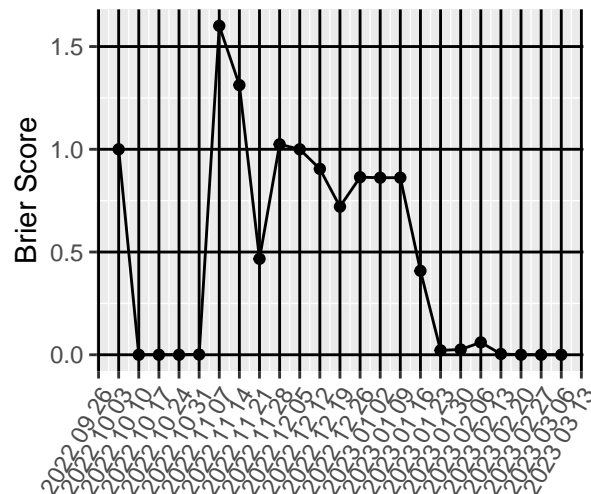
2/100k= 116



### Evaluation of forecast for Colorado

Brier Score

closer to 0 indicates  
better prediction

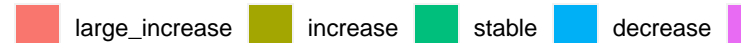
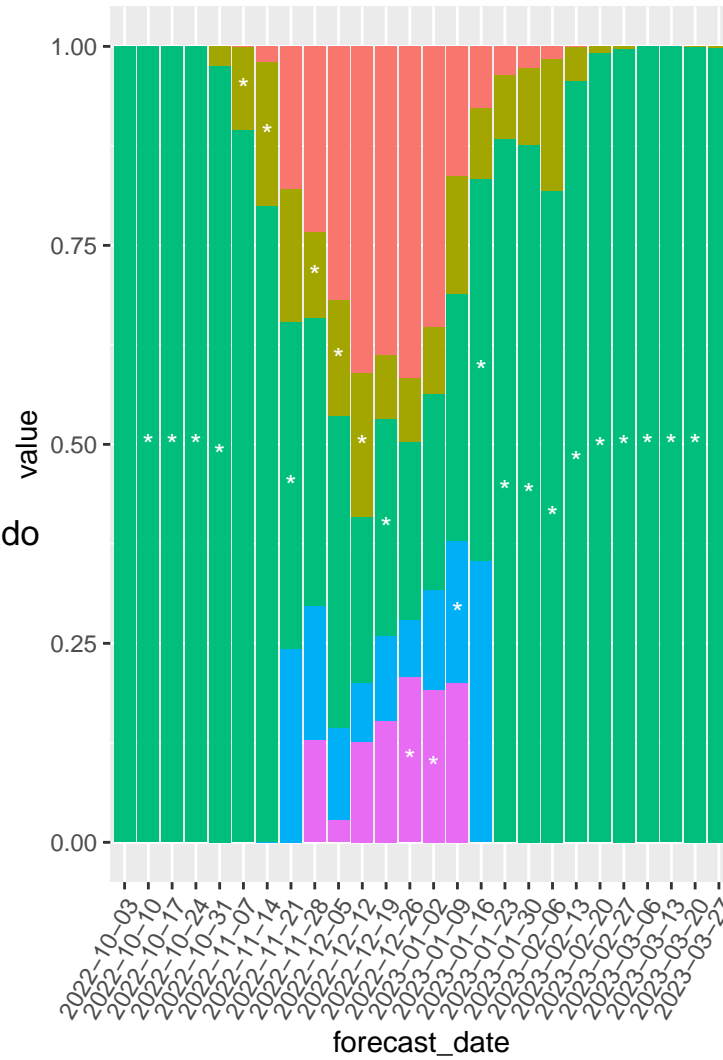


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

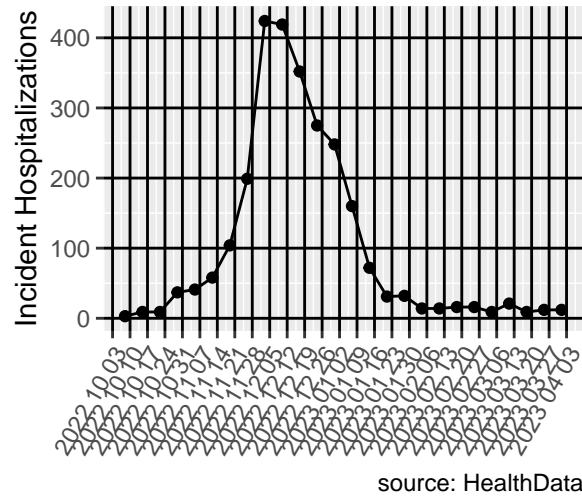


### Truth data for Connecticut

Rates:

1/100k= 36

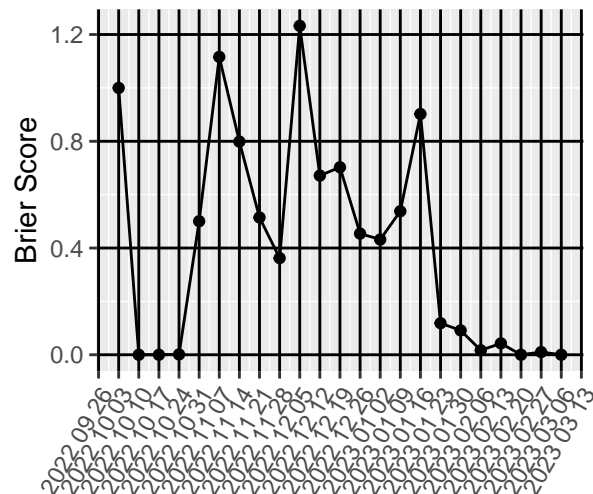
2/100k= 72



### Evaluation of forecast for Connecticut

Brier Score

closer to 0 indicates  
better prediction

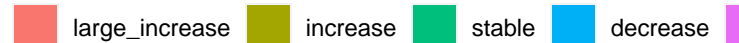
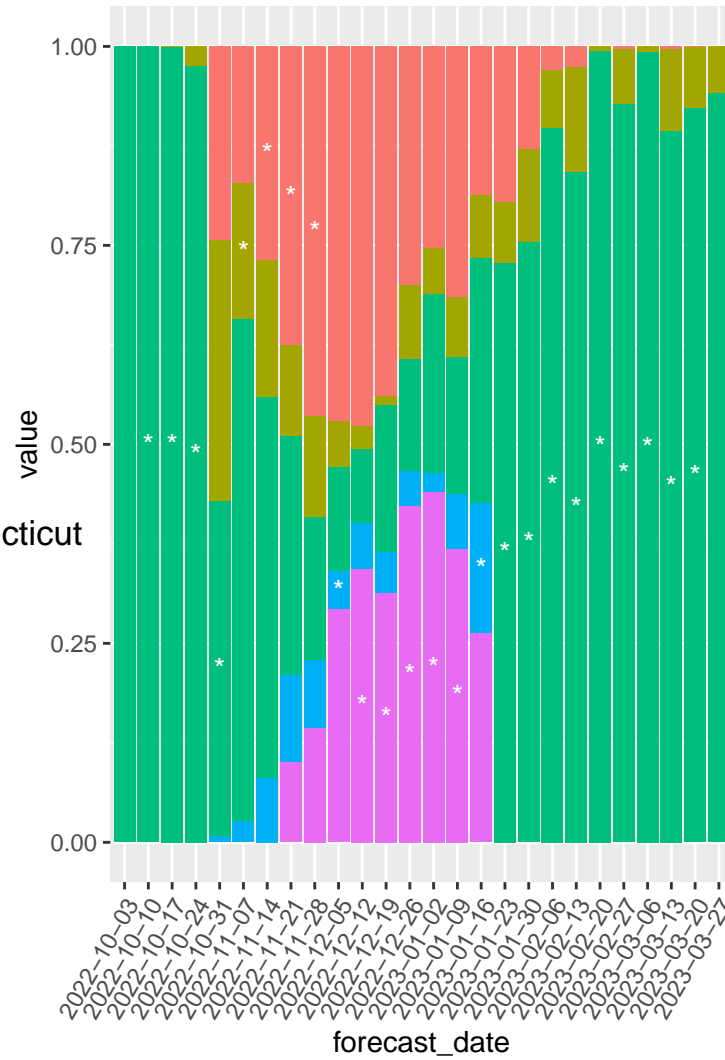


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)



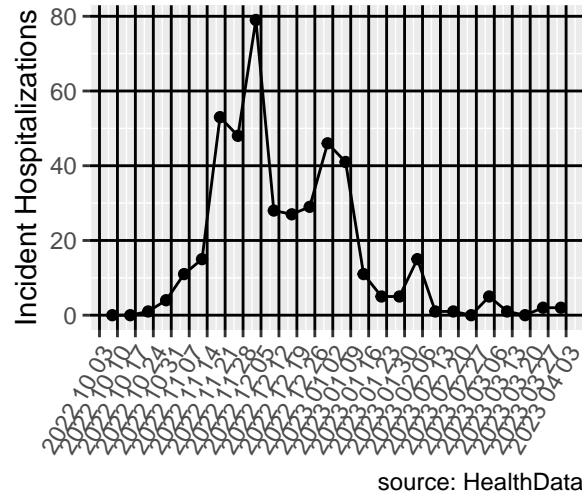


### Truth data for Delaware

Rates:

1/100k= 10

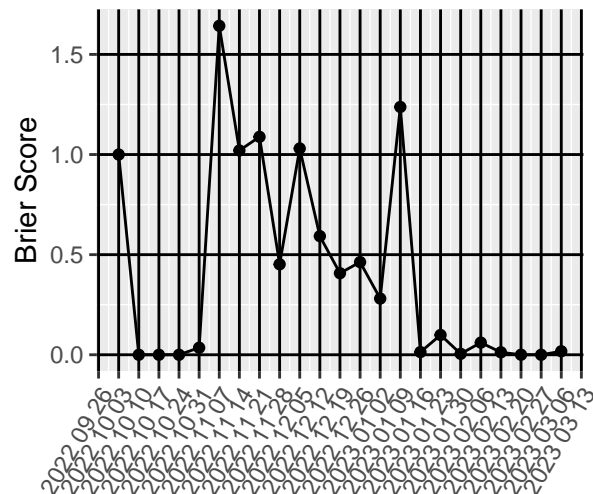
2/100k= 20



### Evaluation of forecast for Delaware

Brier Score

closer to 0 indicates  
better prediction

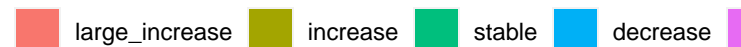
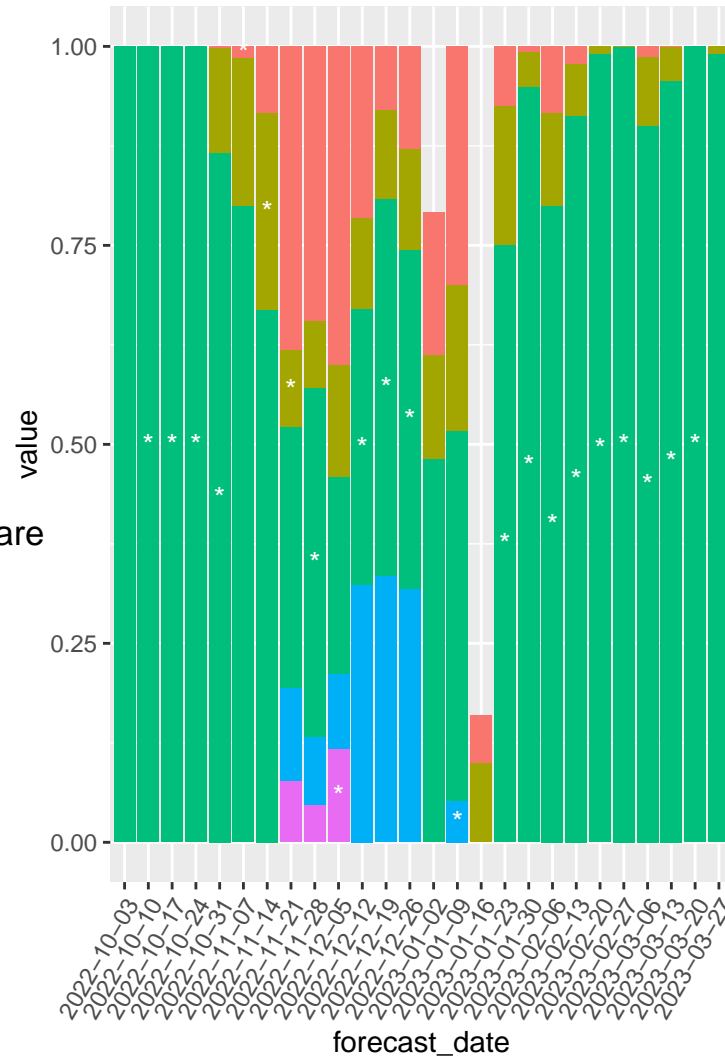


### Experimental target:

UMass-trends\_ensemble

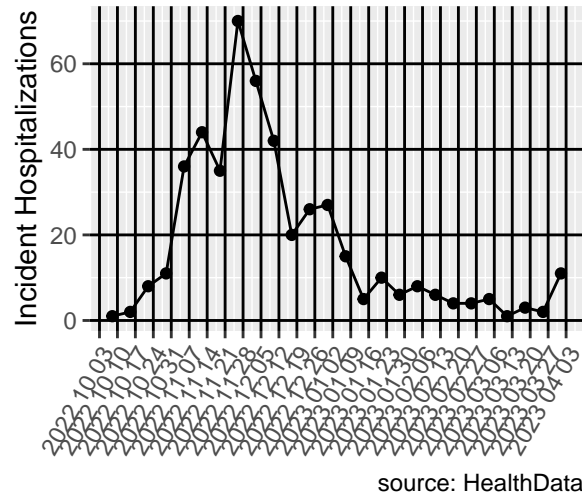
Target for 2 weeks post forecast date

(\* indicates truth)



### Truth data for District of Columbia

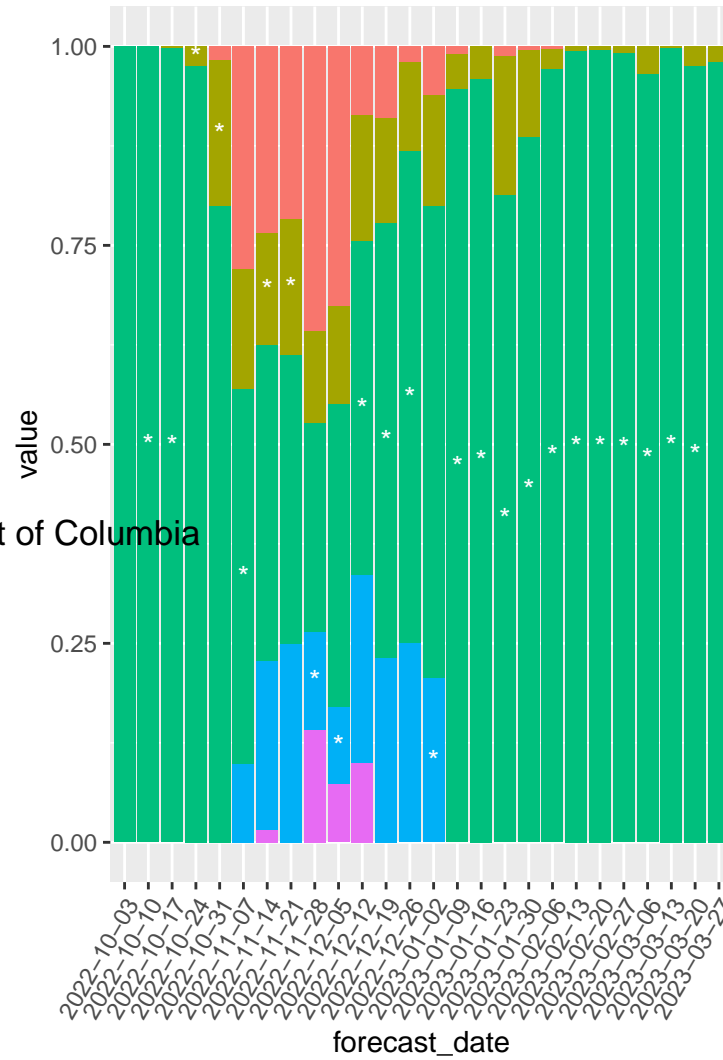
Rates:  
1/100k= 7  
2/100k= 13



### Experimental target:

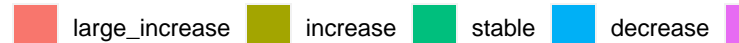
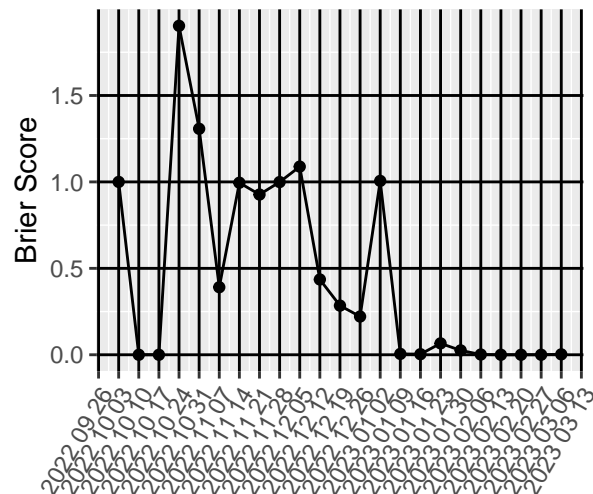
UMass-trends\_ensemble

Target for 2 weeks post forecast date  
(\* indicates truth)



### Evaluation of forecast for District of Columbia

Brier Score  
closer to 0 indicates  
better prediction

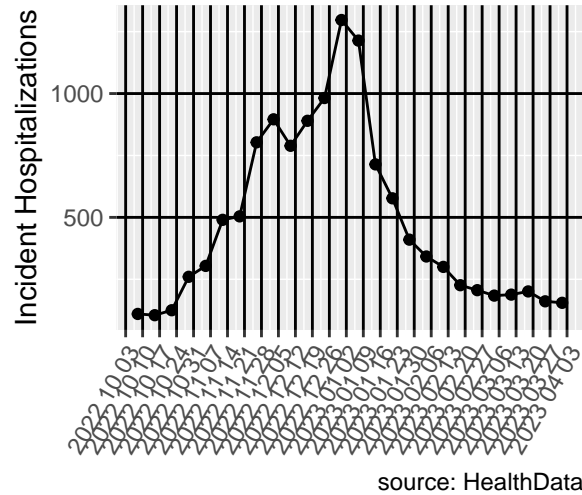


### Truth data for Florida

Rates:

1/100k= 218

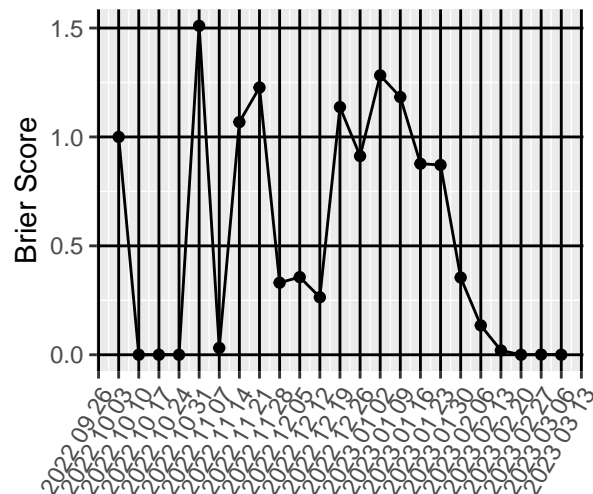
2/100k= 436



### Evaluation of forecast for Florida

Brier Score

closer to 0 indicates  
better prediction

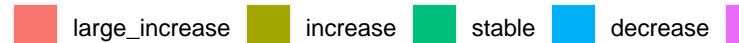
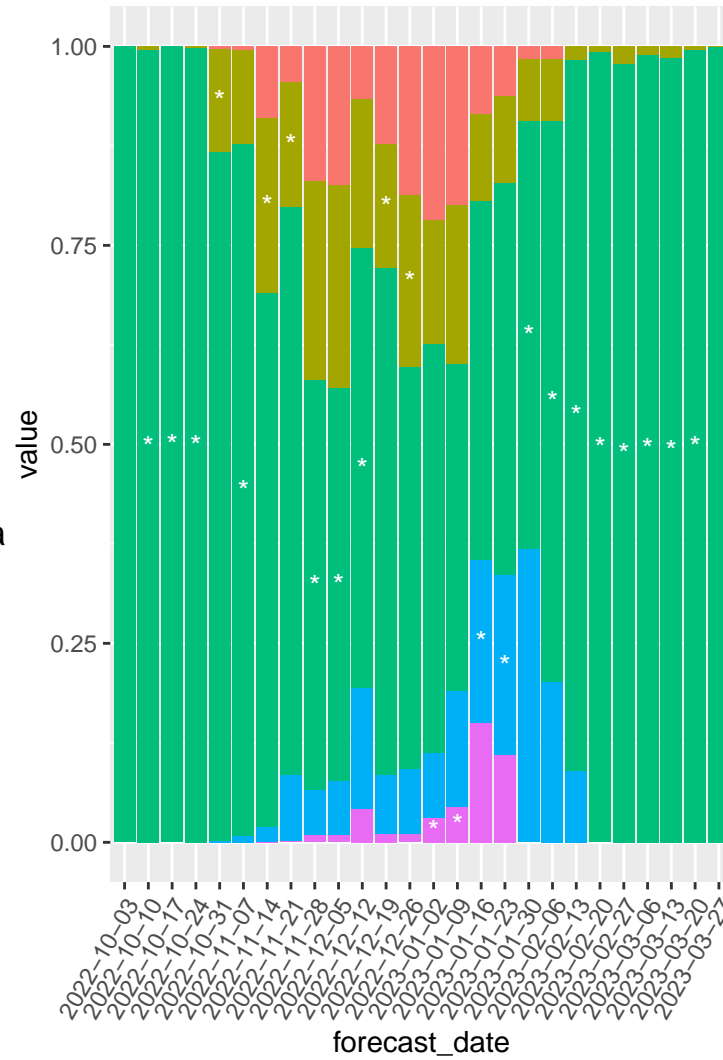


### Experimental target:

UMass-trends\_ensemble

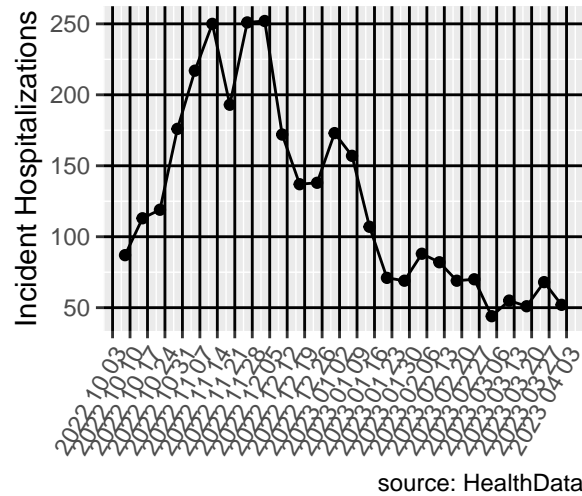
Target for 2 weeks post forecast date

(\* indicates truth)



### Truth data for Georgia

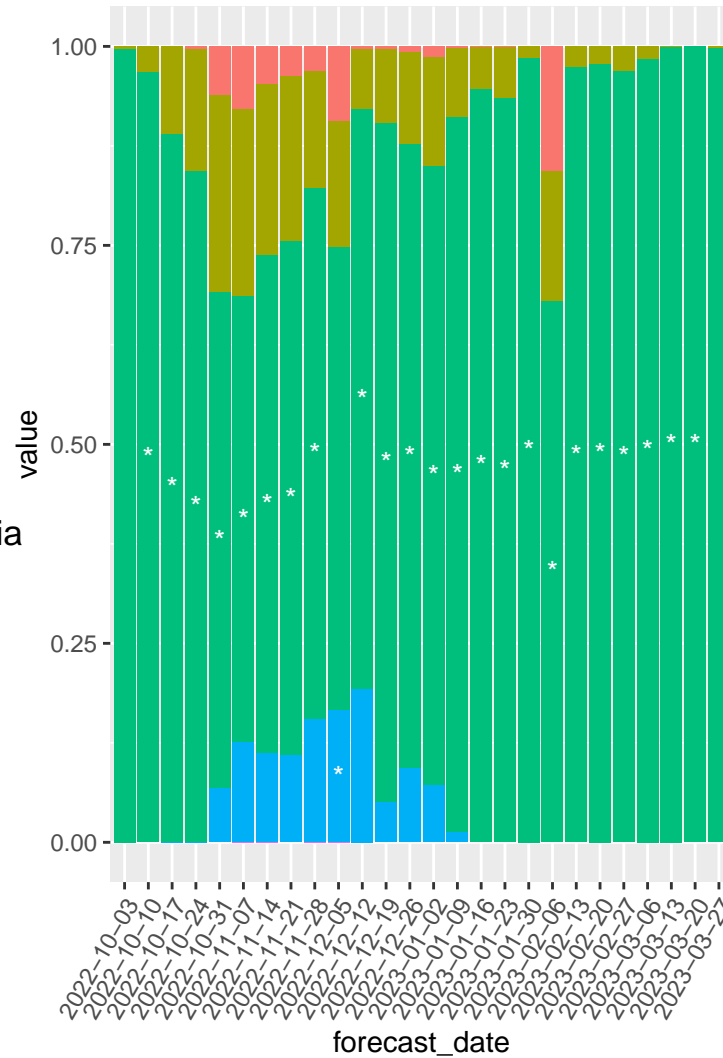
Rates:  
1/100k= 108  
2/100k= 216



### Experimental target:

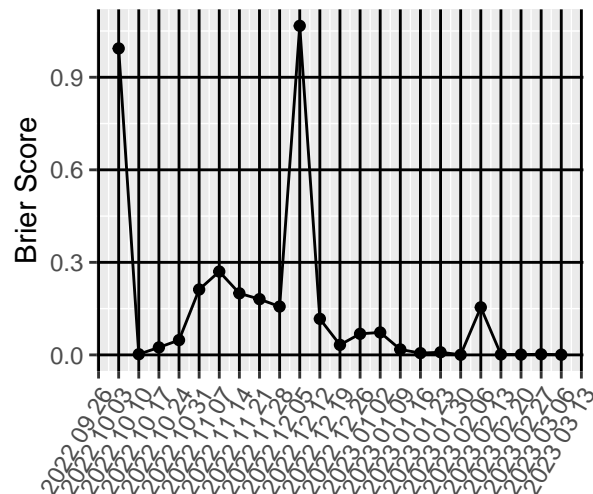
UMass-trends\_ensemble

Target for 2 weeks post forecast date  
(\* indicates truth)



### Evaluation of forecast for Georgia

Brier Score  
closer to 0 indicates  
better prediction



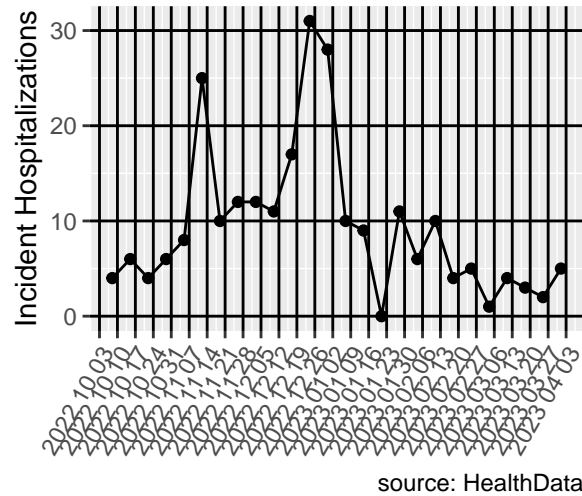
large\_increase increase stable decrease decrease

### Truth data for Hawaii

Rates:

1/100k= 14

2/100k= 29

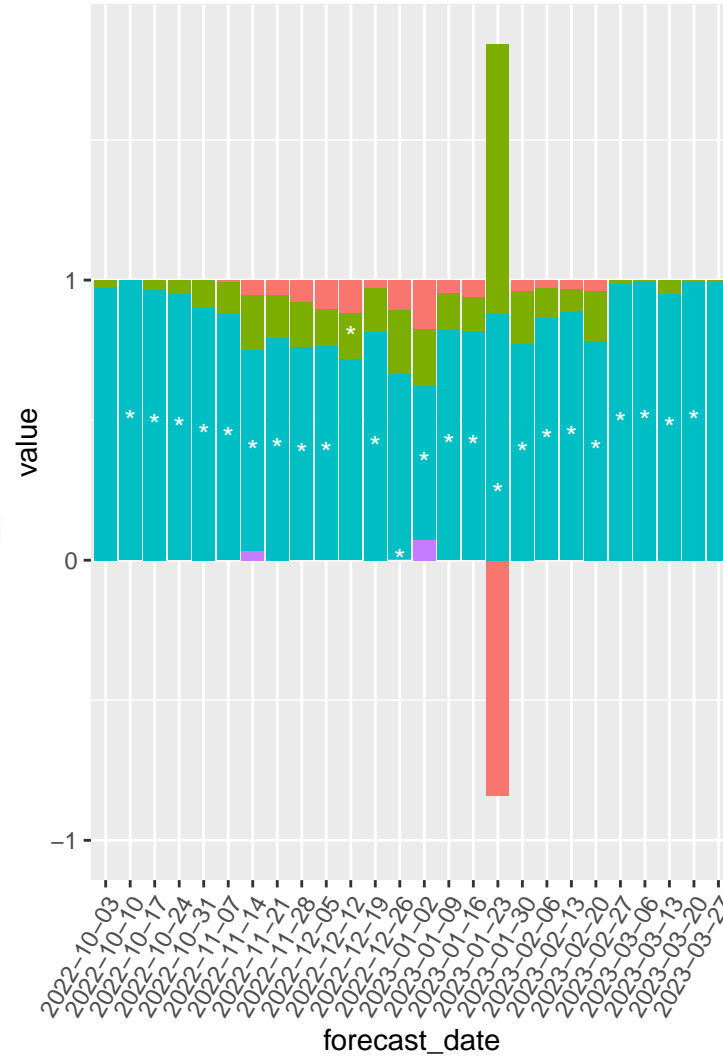


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

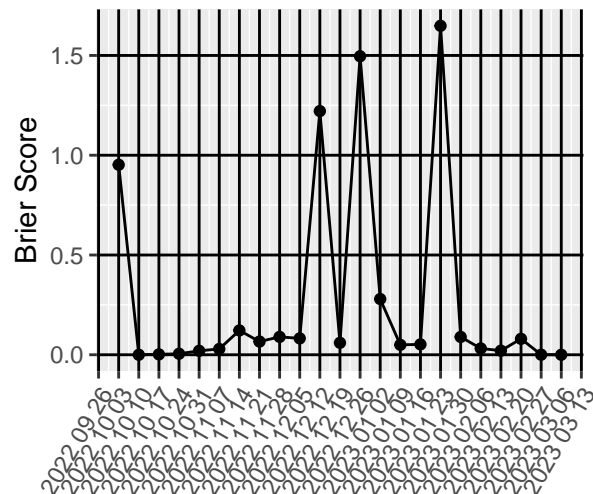


### Evaluation of forecast for Hawaii

Brier Score

closer to 0 indicates

better prediction



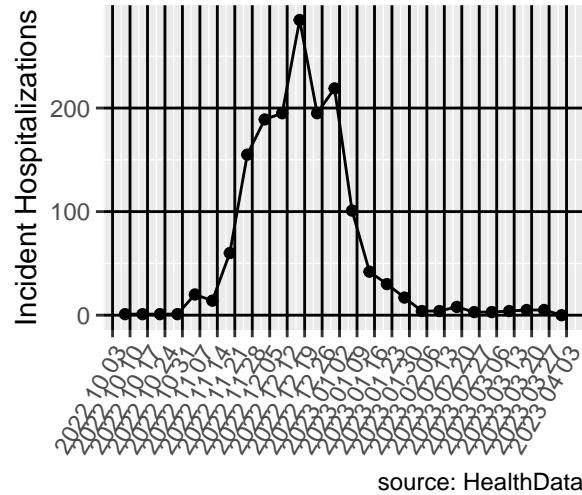
type\_id large\_increase increase stable dec

### Truth data for Idaho

Rates:

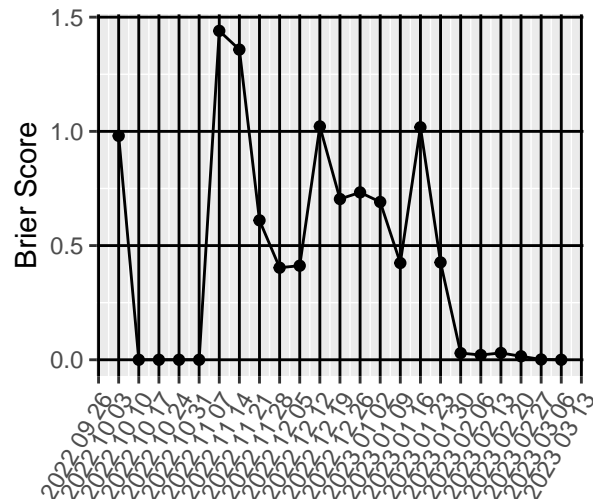
1/100k= 19

2/100k= 38



### Evaluation of forecast for Idaho

Brier Score  
closer to 0 indicates  
better prediction

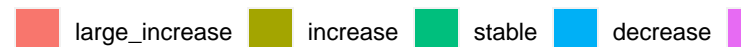
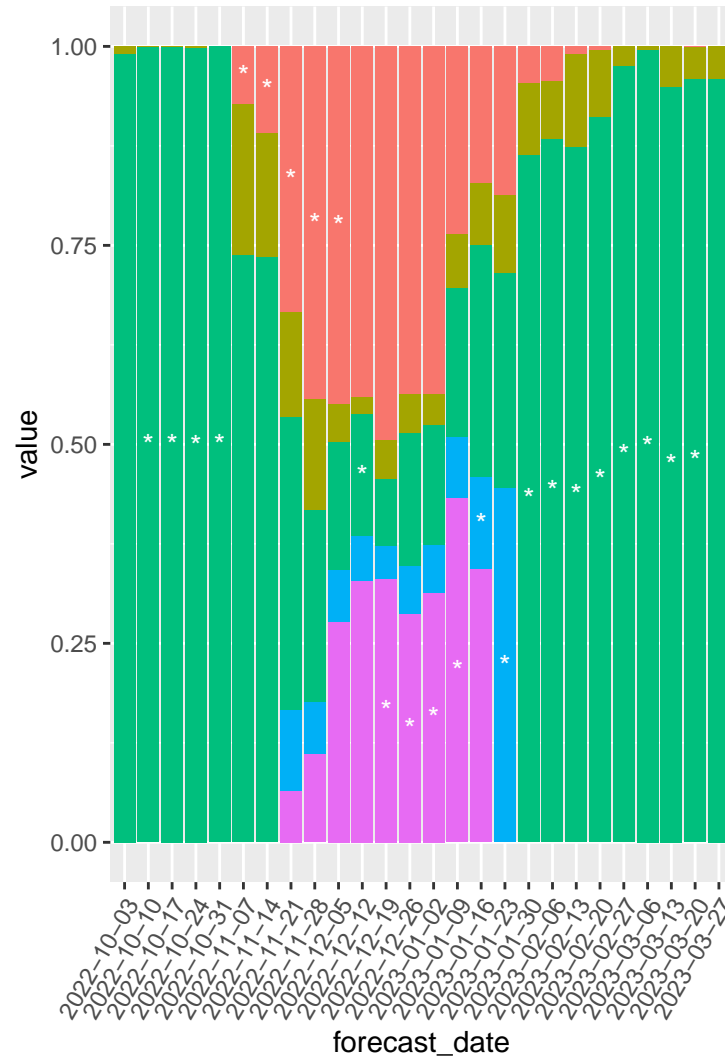


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

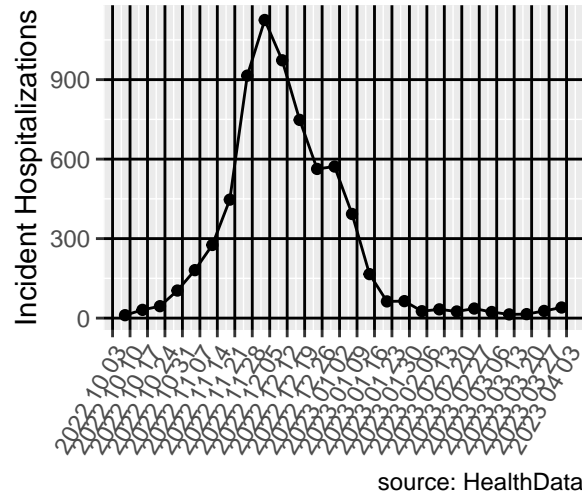


### Truth data for Illinois

Rates:

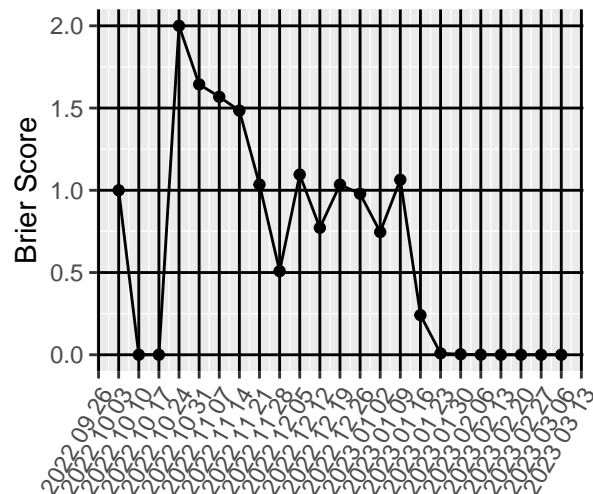
1/100k= 127

2/100k= 253



### Evaluation of forecast for Illinois

Brier Score  
closer to 0 indicates  
better prediction

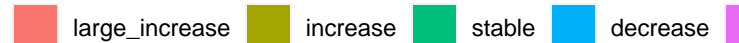
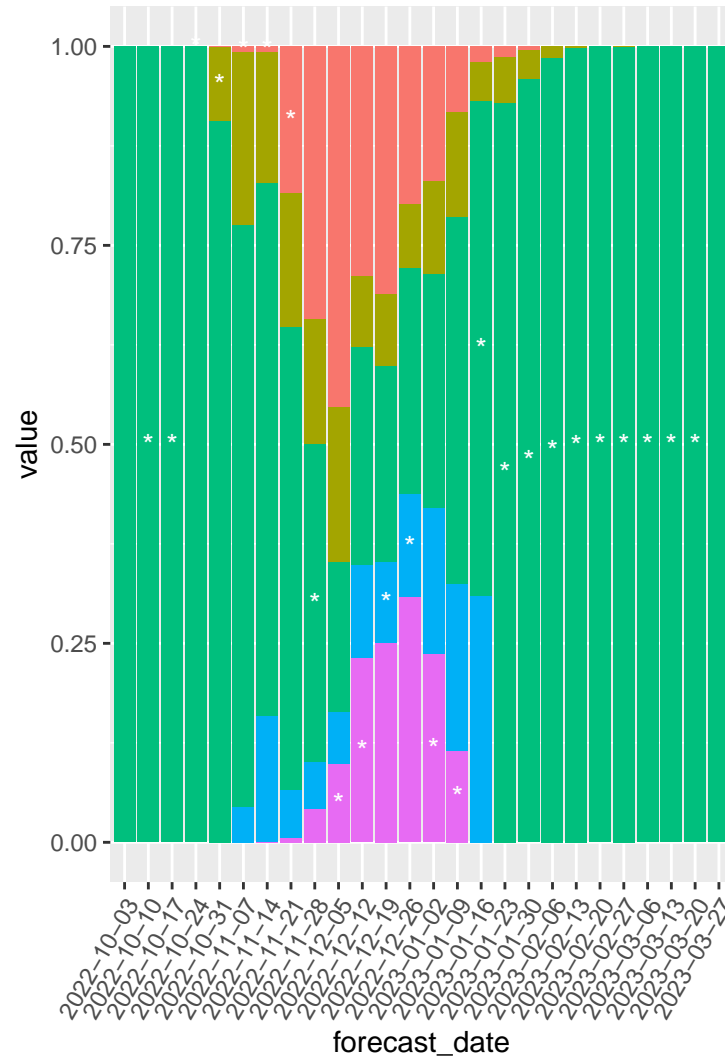


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

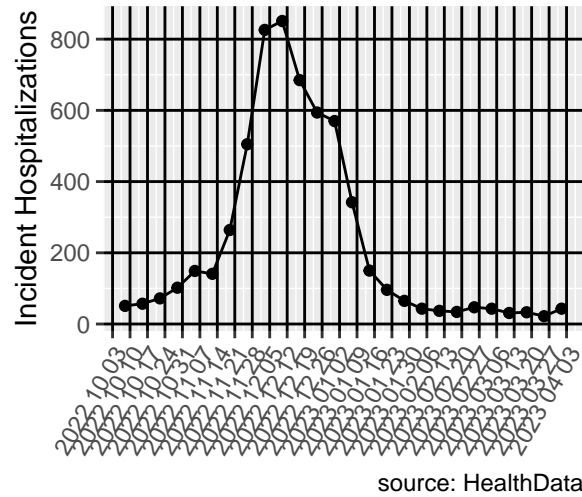


### Truth data for Indiana

Rates:

1/100k= 68

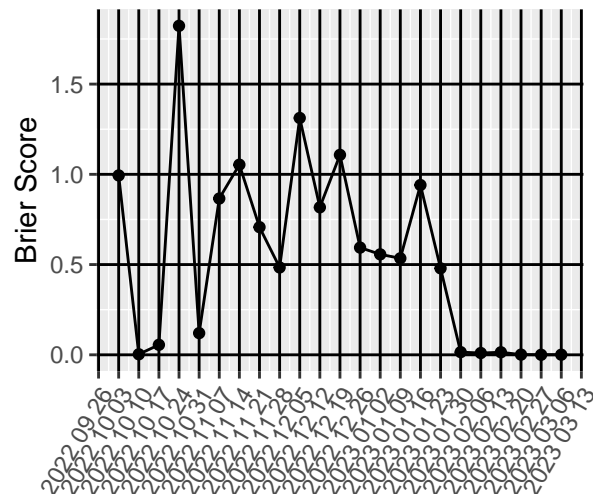
2/100k= 136



### Evaluation of forecast for Indiana

Brier Score

closer to 0 indicates  
better prediction

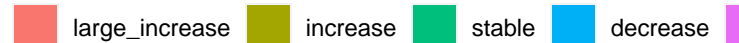
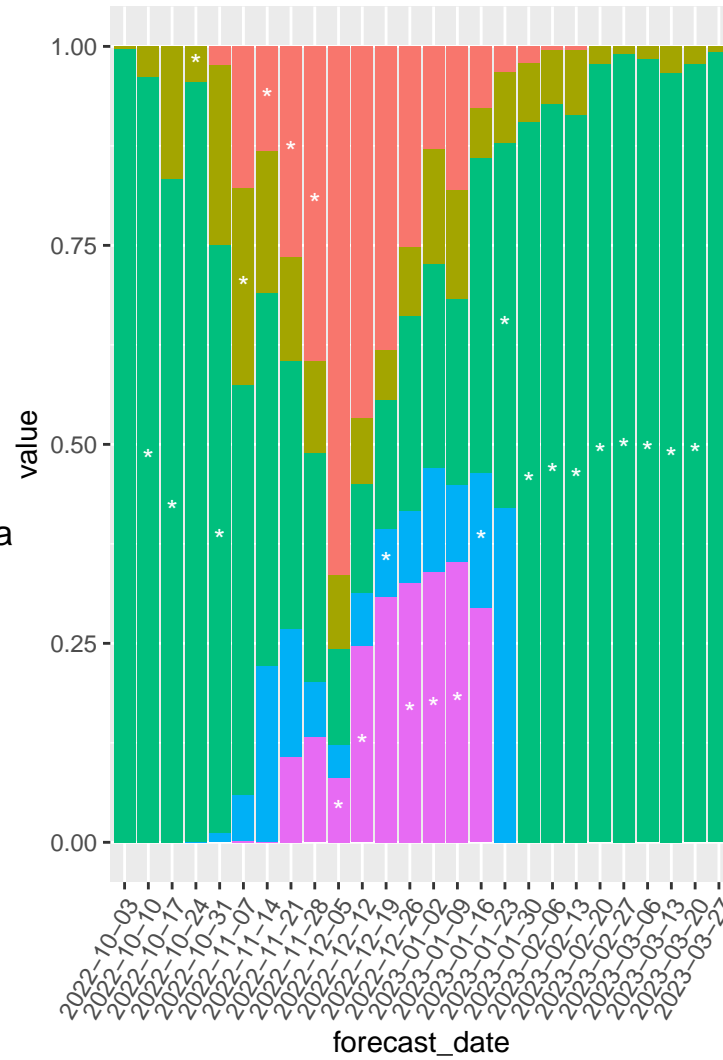


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)



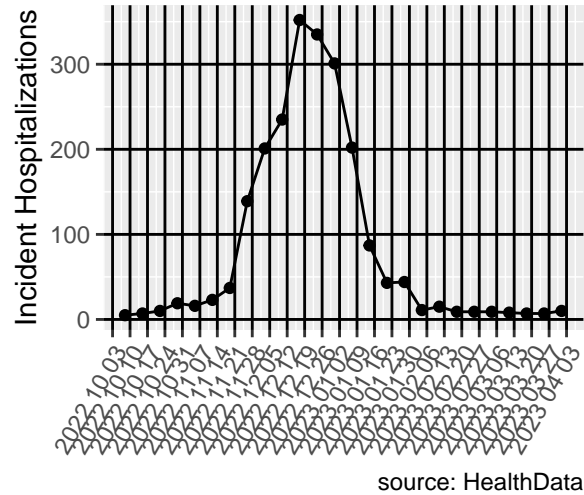


### Truth data for Iowa

Rates:

1/100k= 32

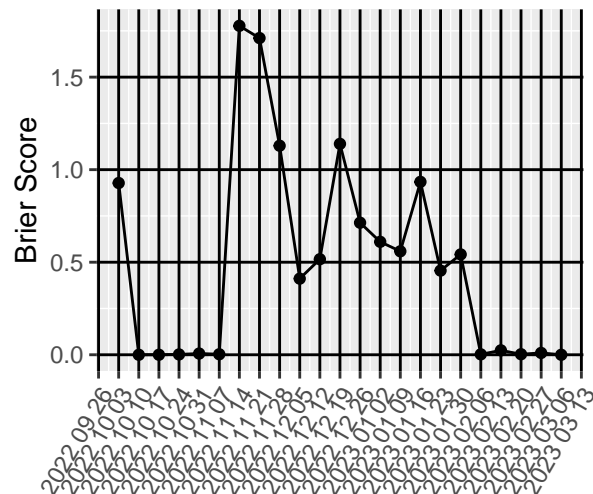
2/100k= 64



### Evaluation of forecast for Iowa

Brier Score

closer to 0 indicates  
better prediction

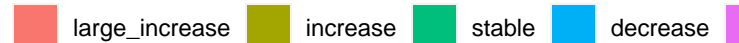
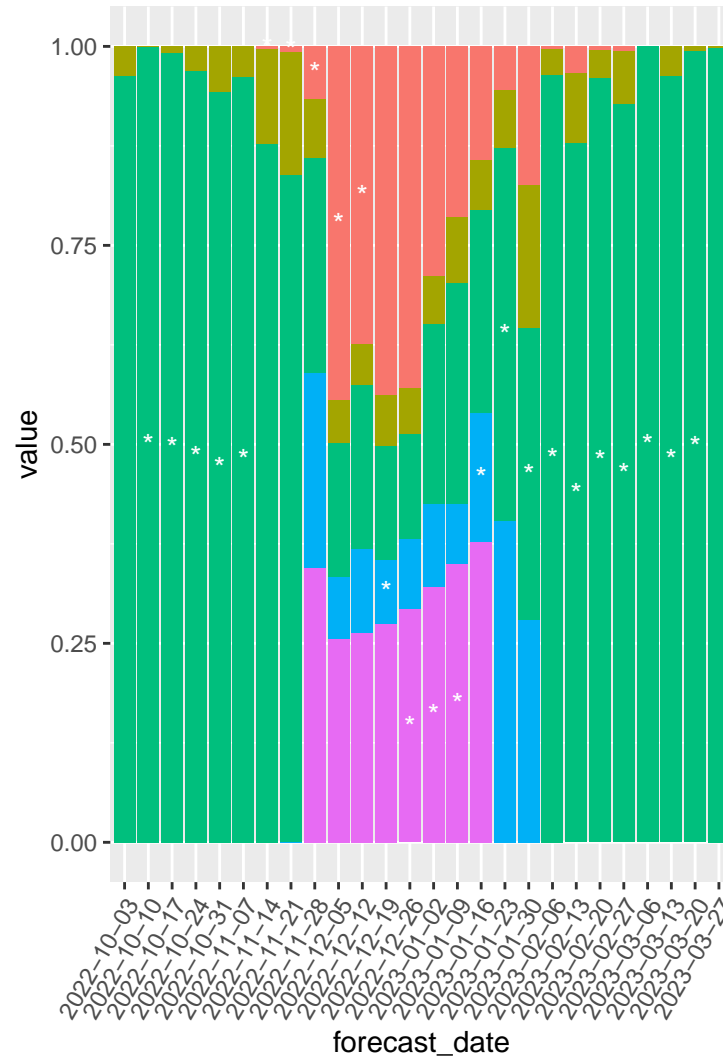


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

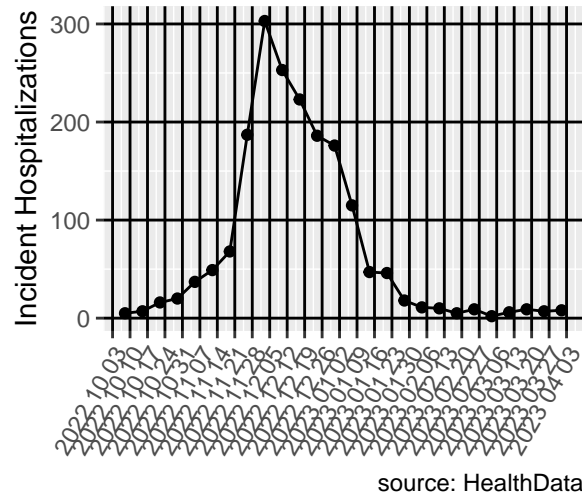


### Truth data for Kansas

Rates:

1/100k= 29

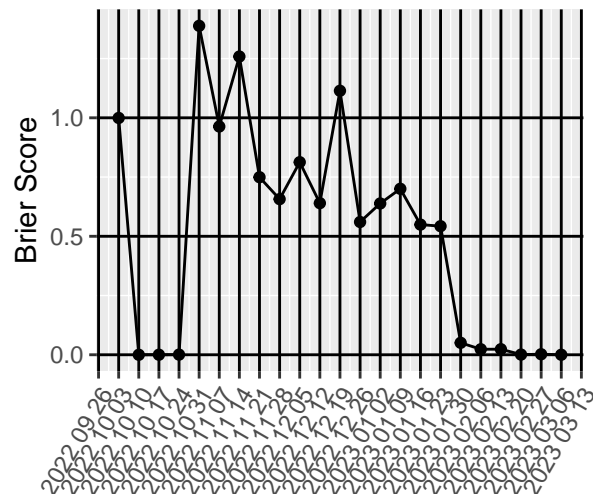
2/100k= 59



### Evaluation of forecast for Kansas

Brier Score

closer to 0 indicates  
better prediction

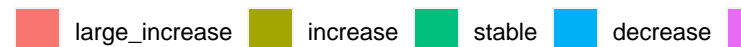
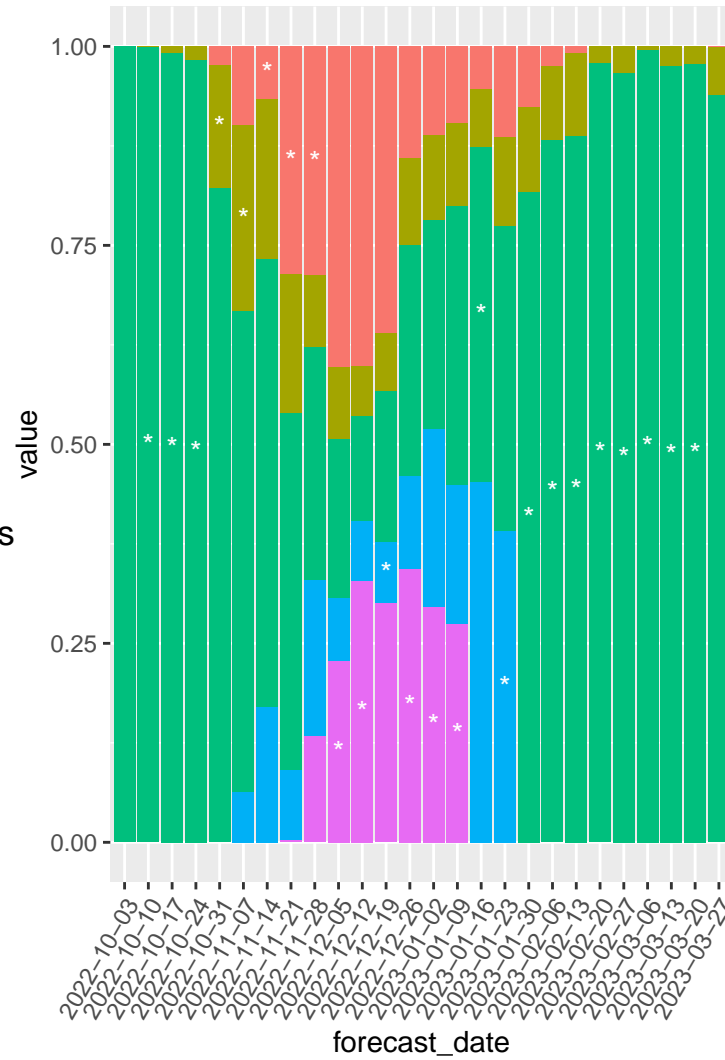


### Experimental target:

UMass-trends\_ensemble

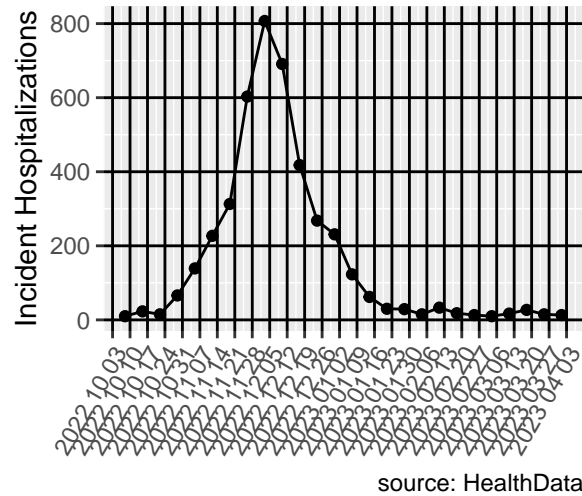
Target for 2 weeks post forecast date

(\* indicates truth)



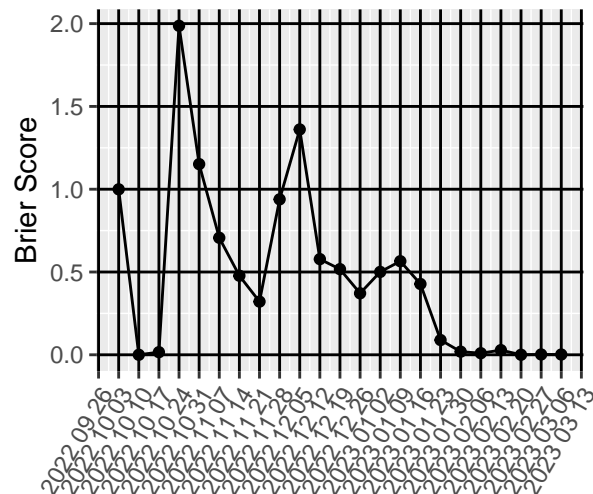
### Truth data for Kentucky

Rates:  
1/100k= 45  
2/100k= 90



### Evaluation of forecast for Kentucky

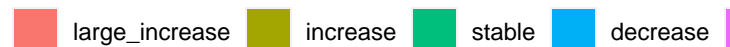
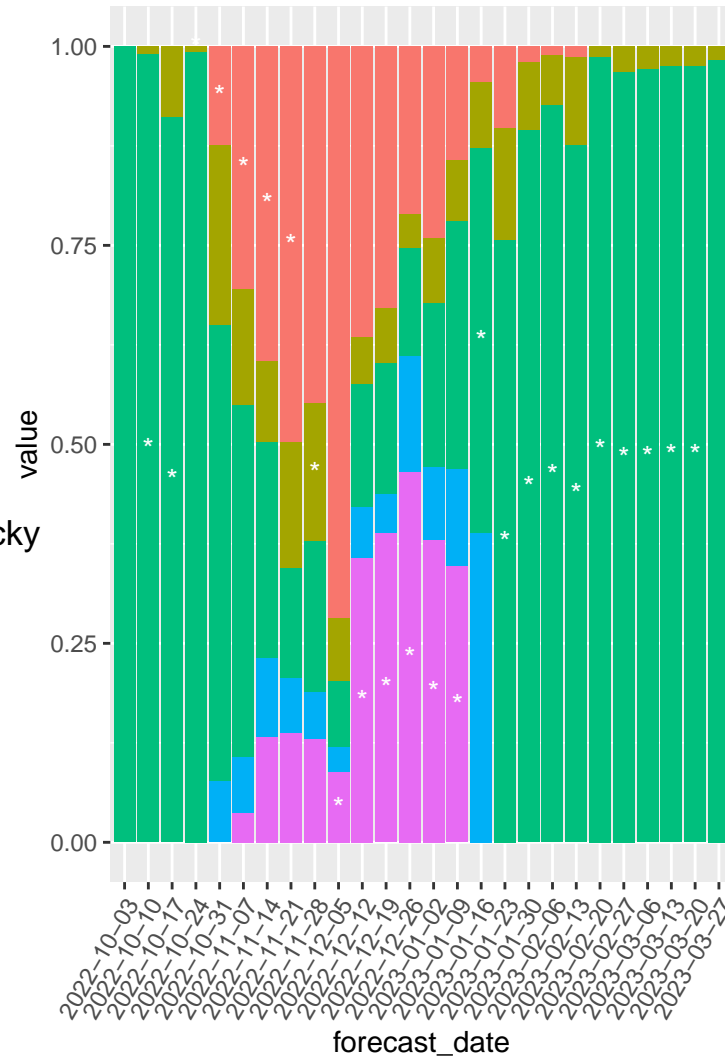
Brier Score  
closer to 0 indicates  
better prediction



### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date  
(\* indicates truth)

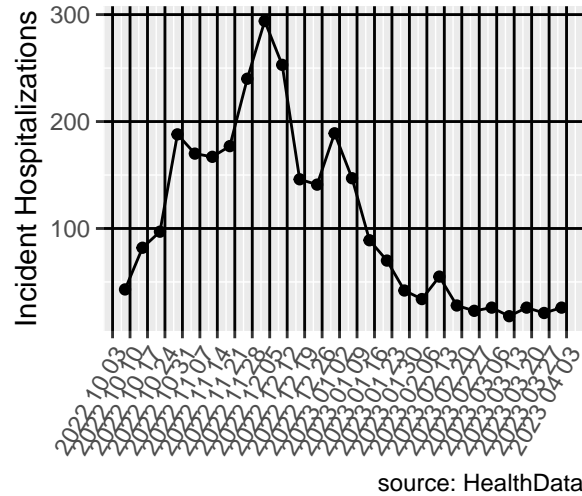


### Truth data for Louisiana

Rates:

1/100k= 46

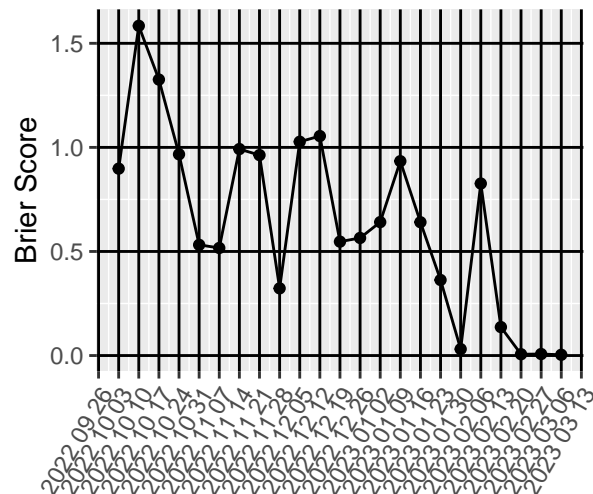
2/100k= 92



### Evaluation of forecast for Louisiana

Brier Score

closer to 0 indicates  
better prediction

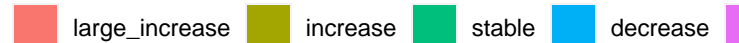
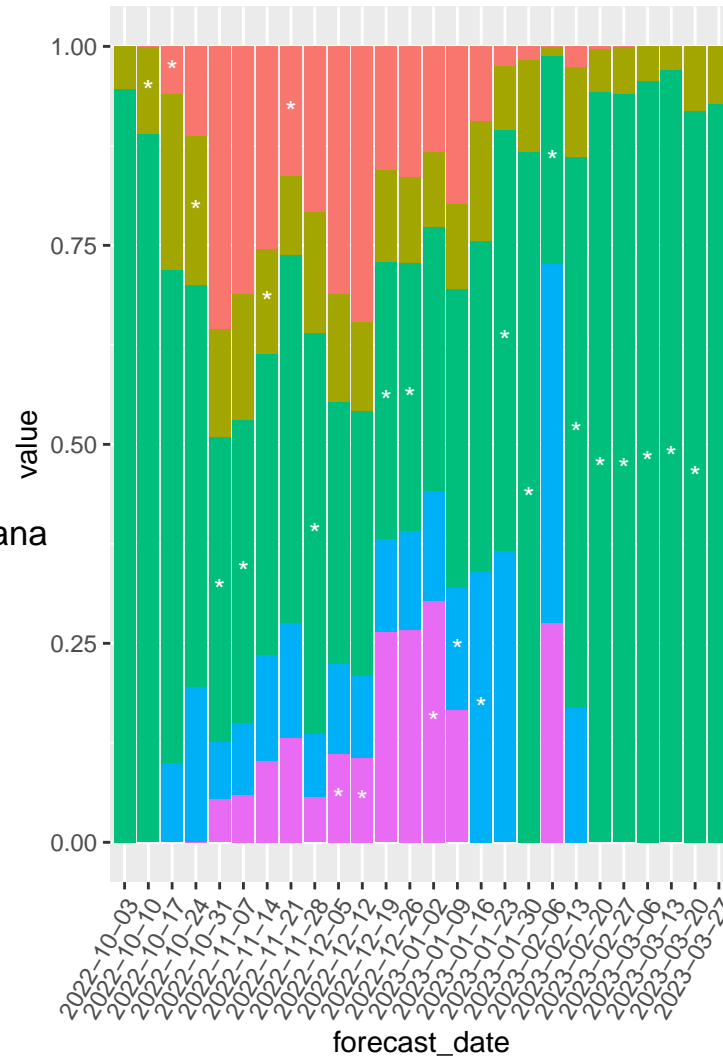


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

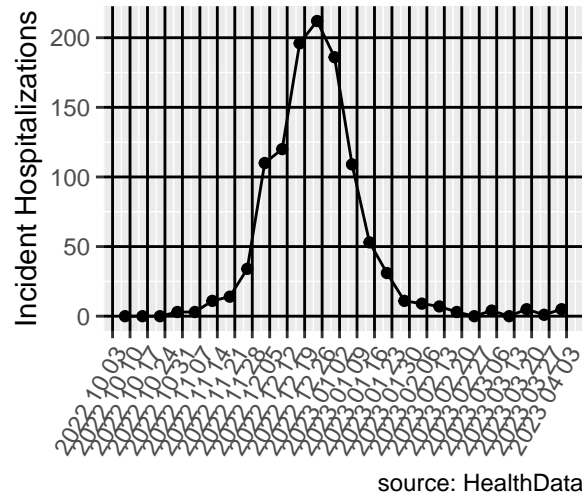


### Truth data for Maine

Rates:

1/100k= 14

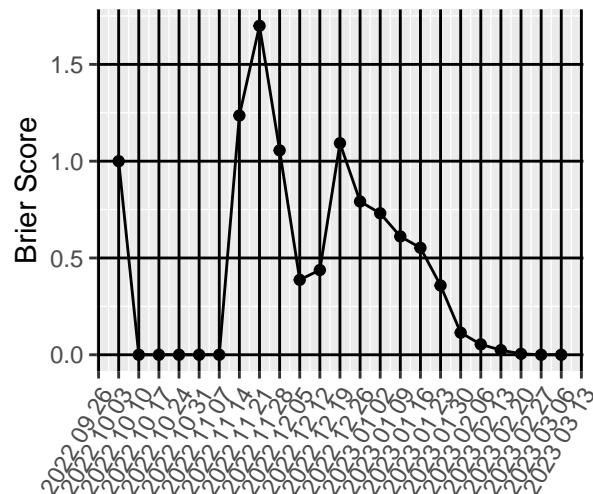
2/100k= 27



### Evaluation of forecast for Maine

Brier Score

closer to 0 indicates  
better prediction

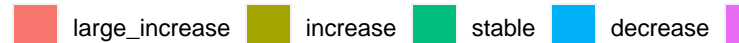
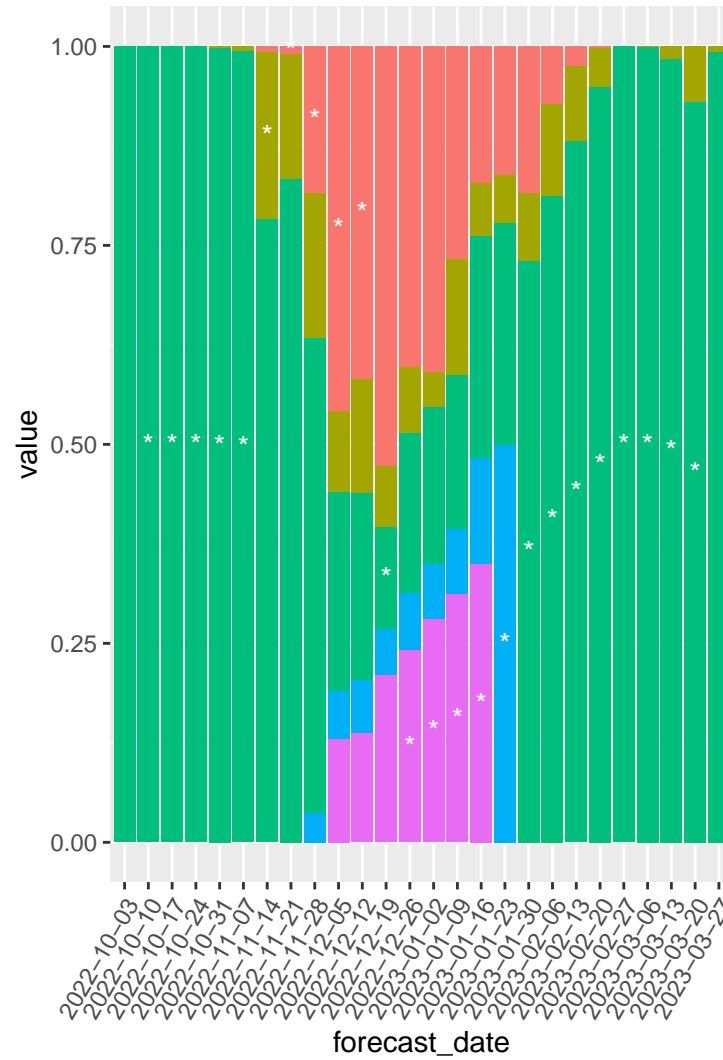


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

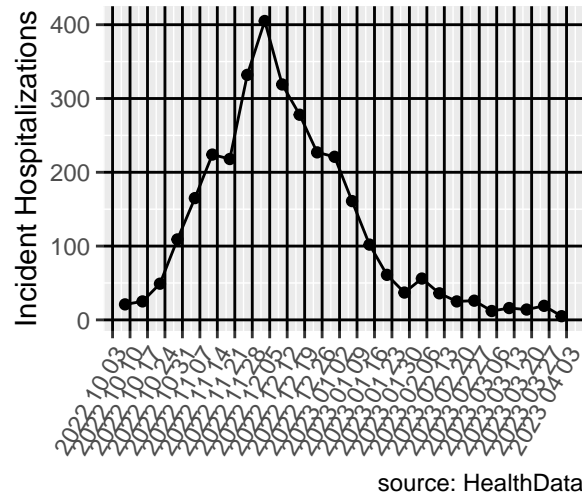


### Truth data for Maryland

Rates:

1/100k= 62

2/100k= 123

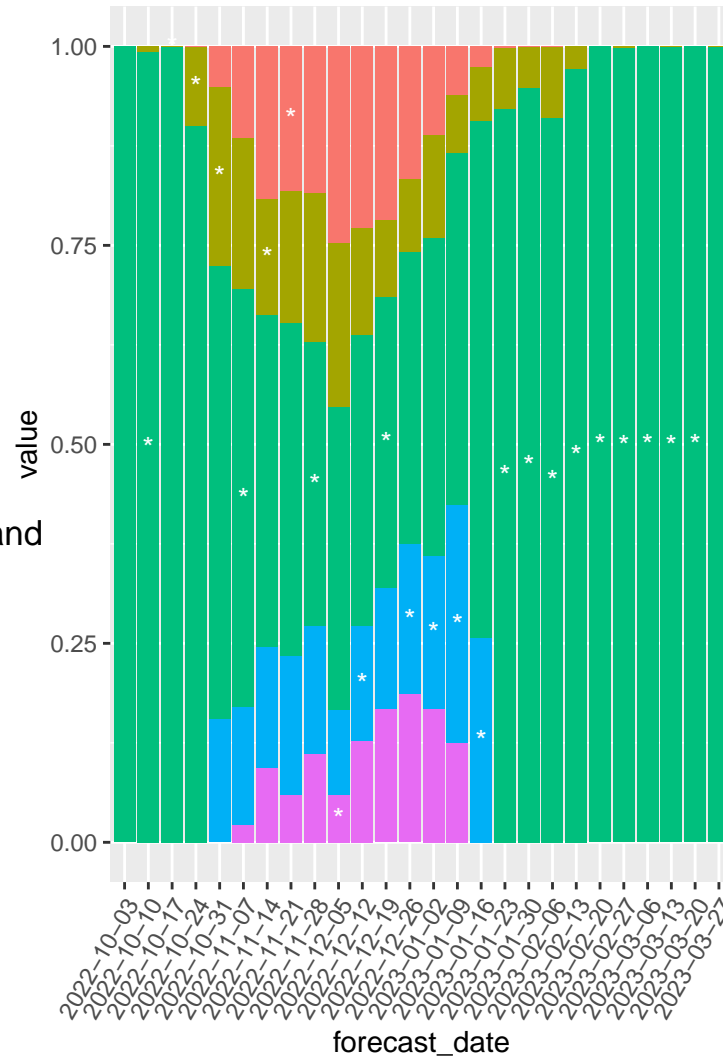


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

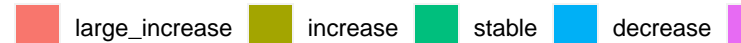
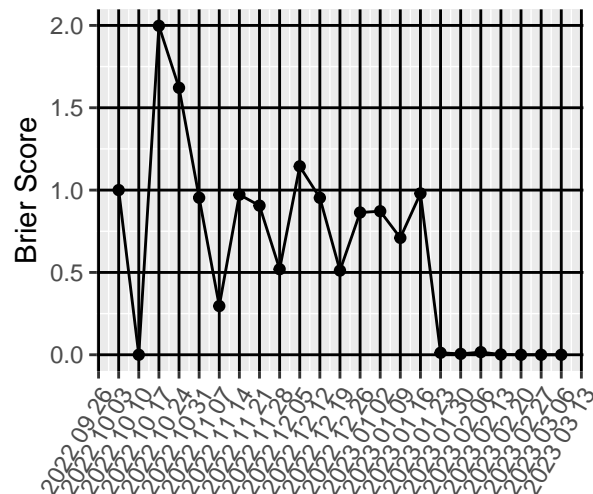
(\* indicates truth)



### Evaluation of forecast for Maryland

Brier Score

closer to 0 indicates  
better prediction

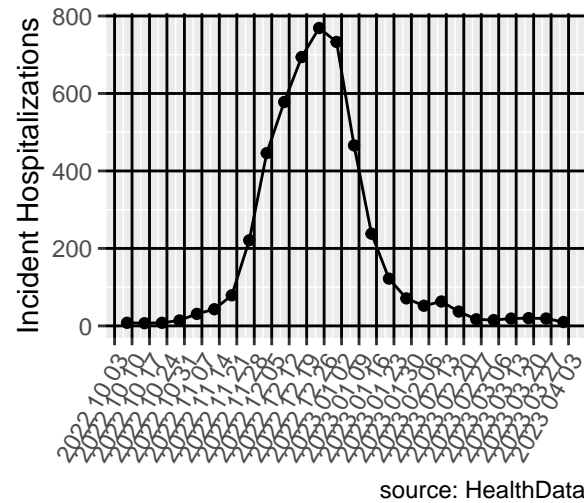


### Truth data for Massachusetts

Rates:

1/100k= 70

2/100k= 140

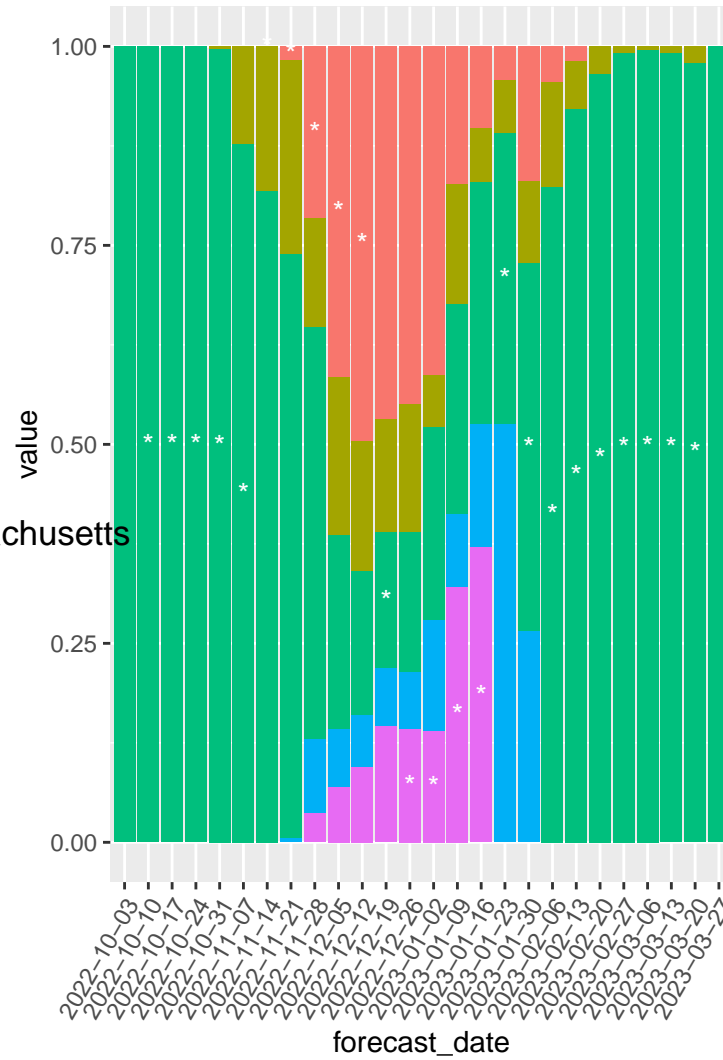


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

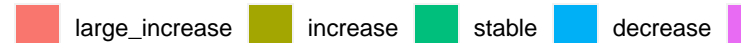
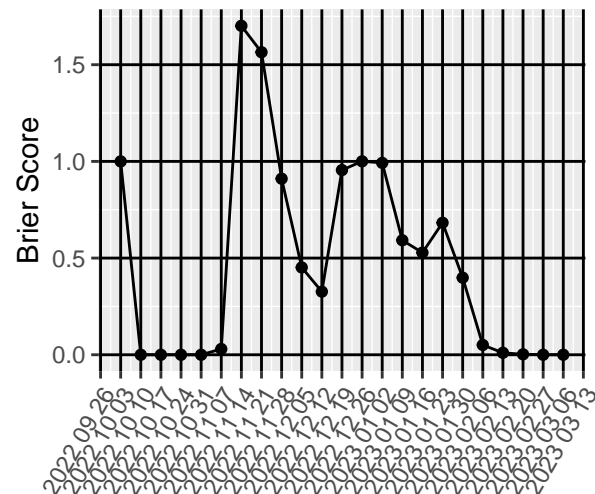
(\* indicates truth)



### Evaluation of forecast for Massachusetts

Brier Score

closer to 0 indicates  
better prediction

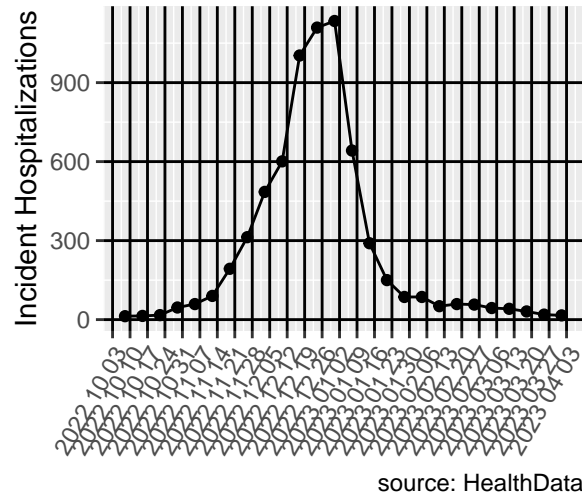


### Truth data for Michigan

Rates:

1/100k= 101

2/100k= 201

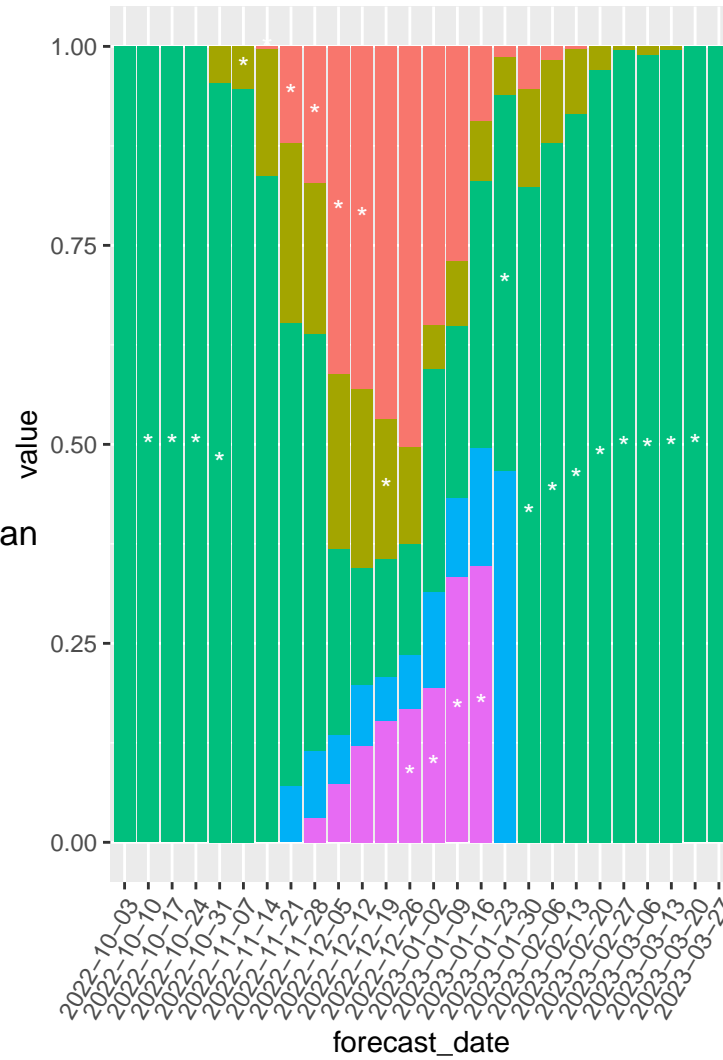


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

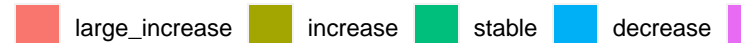
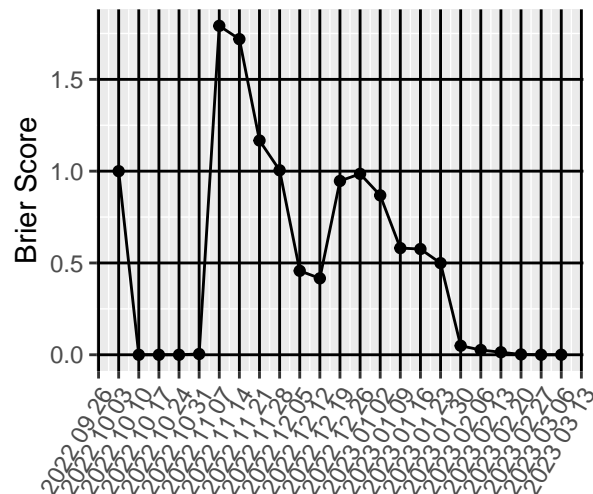


### Evaluation of forecast for Michigan

Brier Score

closer to 0 indicates

better prediction



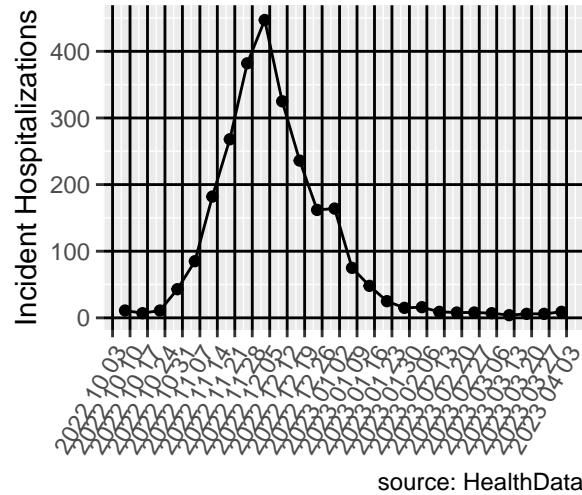


### Truth data for Minnesota

Rates:

1/100k= 57

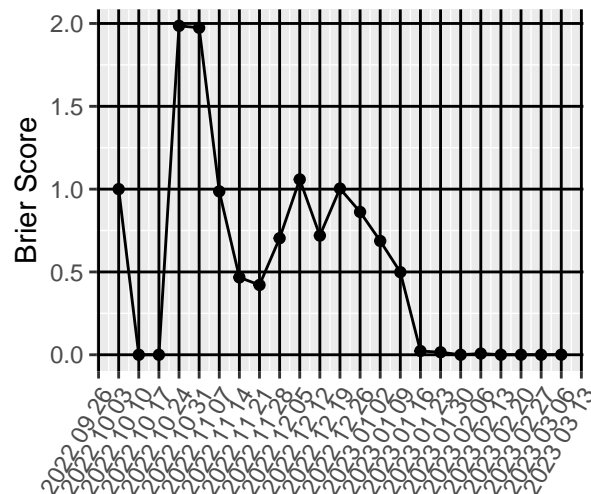
2/100k= 114



### Evaluation of forecast for Minnesota

Brier Score

closer to 0 indicates  
better prediction

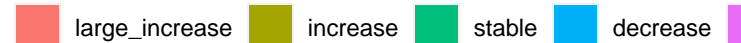
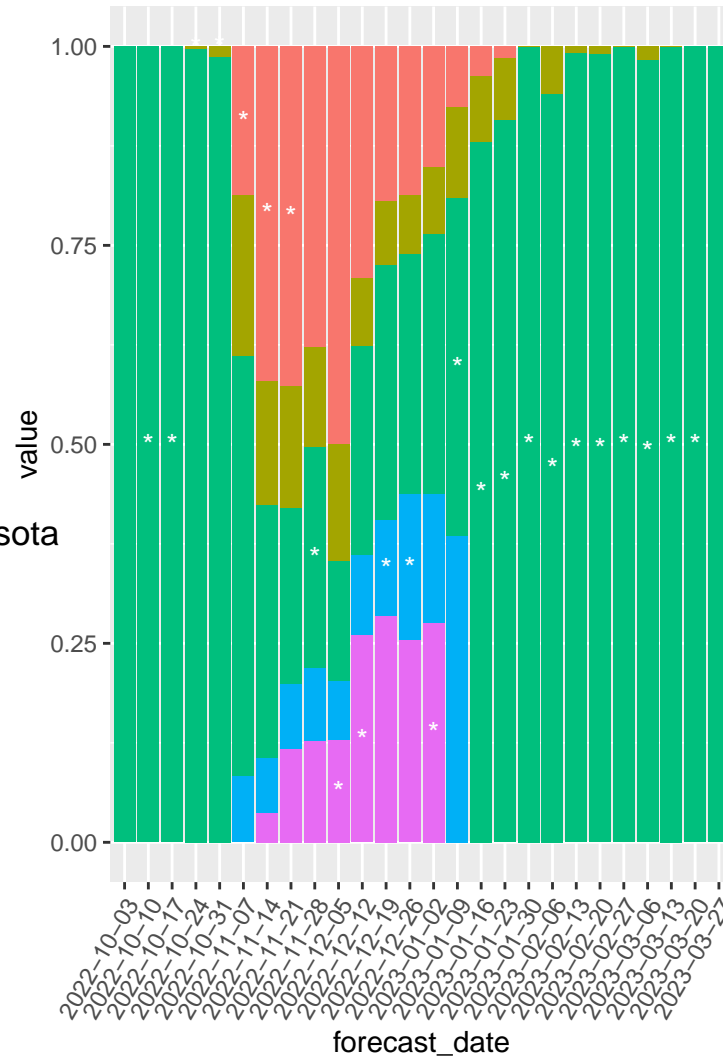


### Experimental target:

UMass-trends\_ensemble

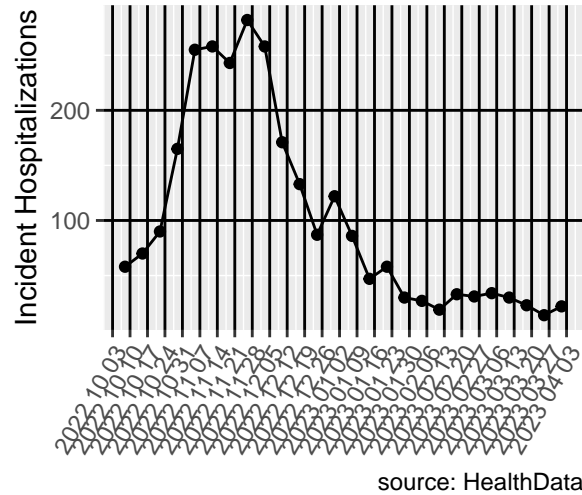
Target for 2 weeks post forecast date

(\* indicates truth)



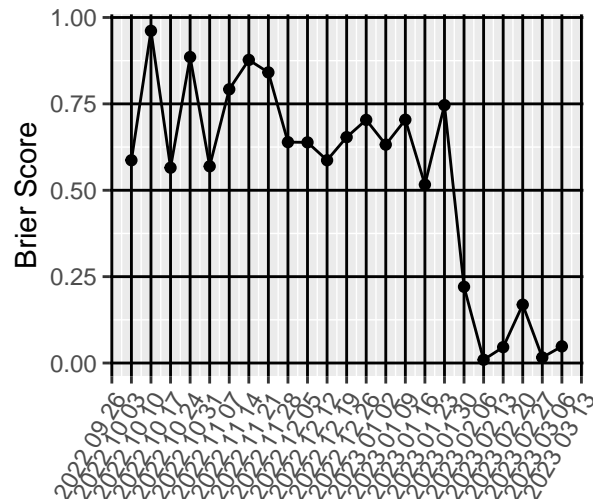
### Truth data for Mississippi

Rates:  
1/100k= 29  
2/100k= 59



### Evaluation of forecast for Mississippi

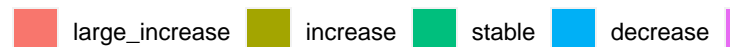
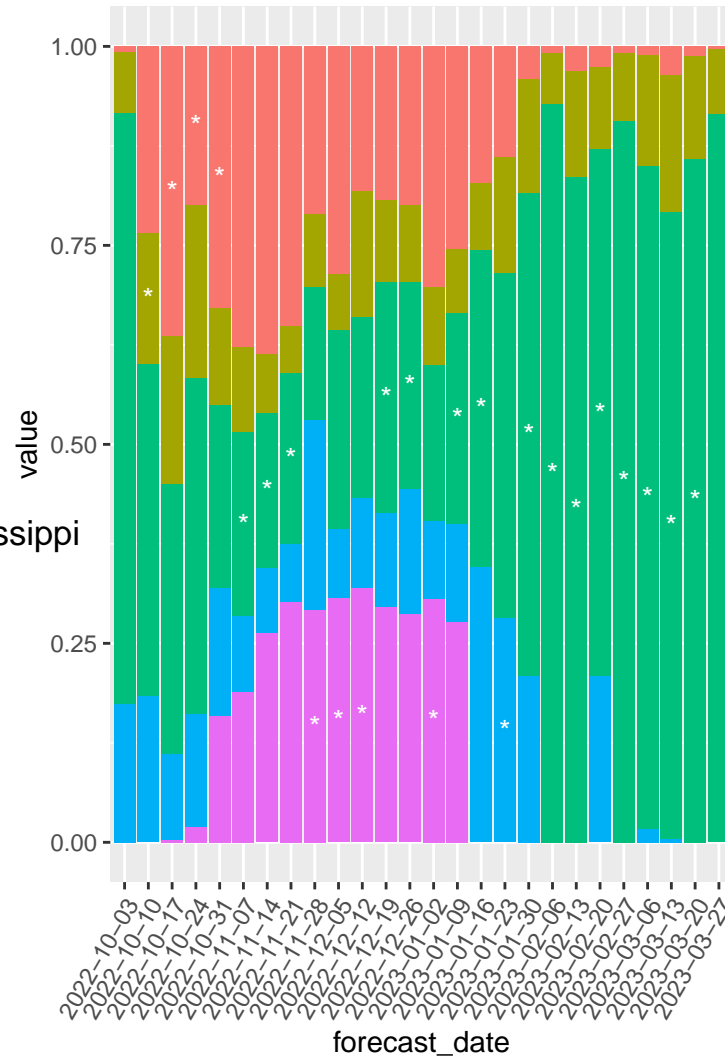
Brier Score  
closer to 0 indicates  
better prediction



### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date  
(\* indicates truth)

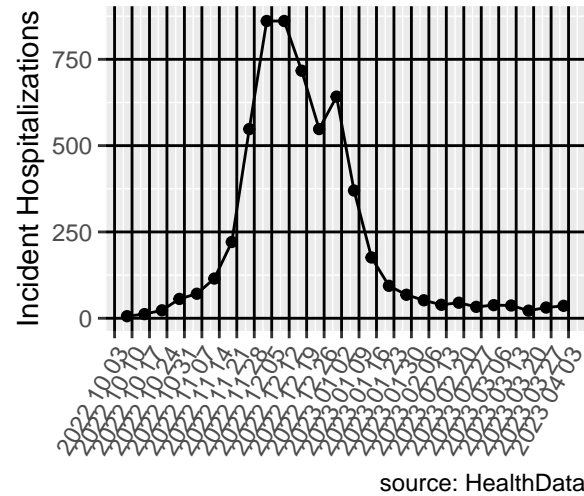


### Truth data for Missouri

Rates:

1/100k= 62

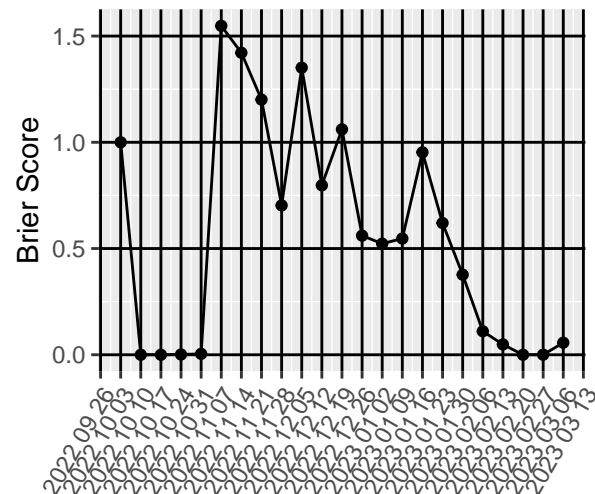
2/100k= 123



### Evaluation of forecast for Missouri

Brier Score

closer to 0 indicates  
better prediction

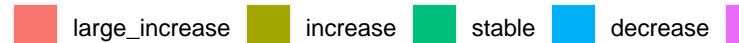
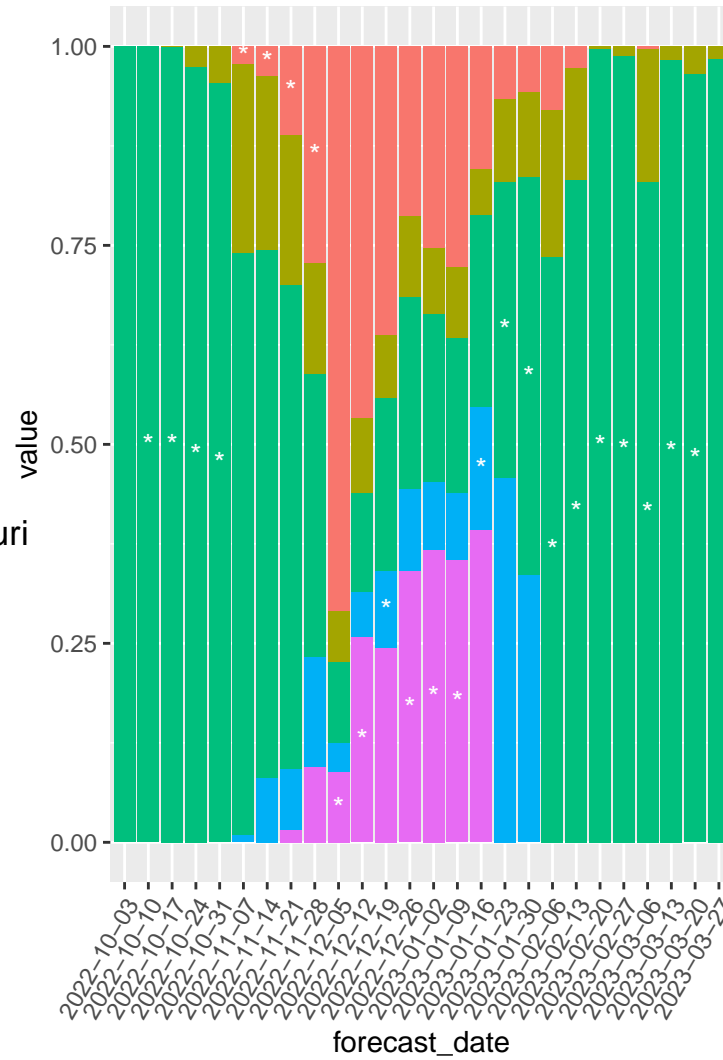


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

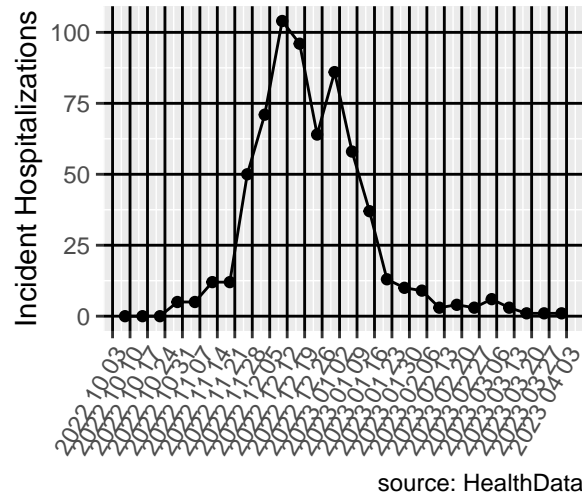


### Truth data for Montana

Rates:

1/100k= 11

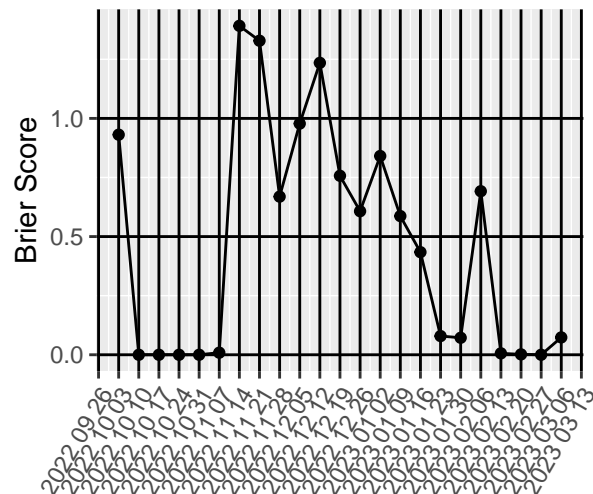
2/100k= 22



### Evaluation of forecast for Montana

Brier Score

closer to 0 indicates  
better prediction

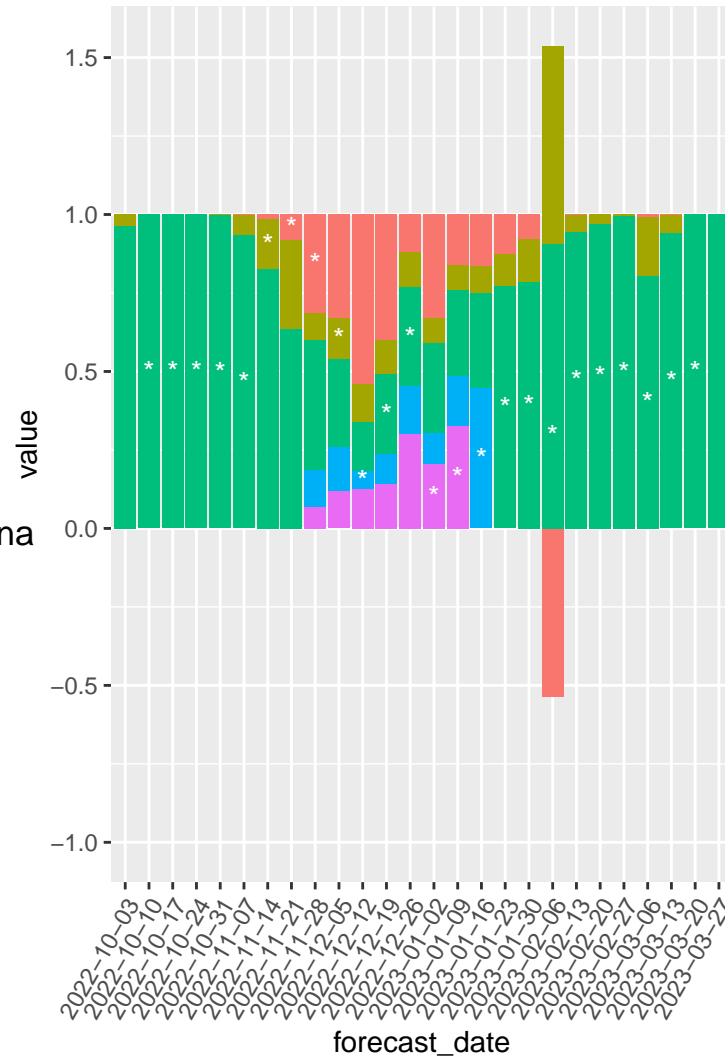


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)



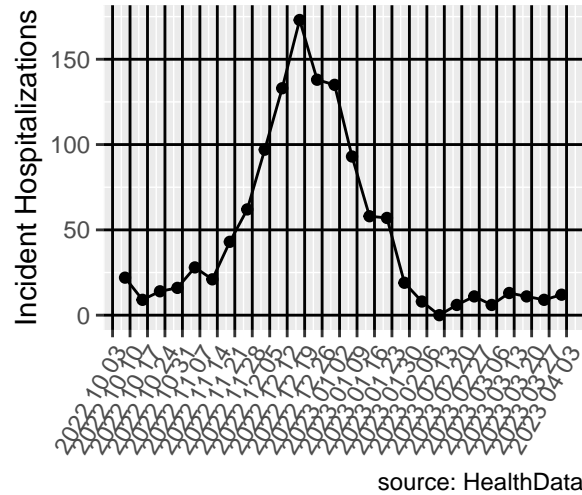
large\_increase increase stable decrease decrease

### Truth data for Nebraska

Rates:

1/100k= 20

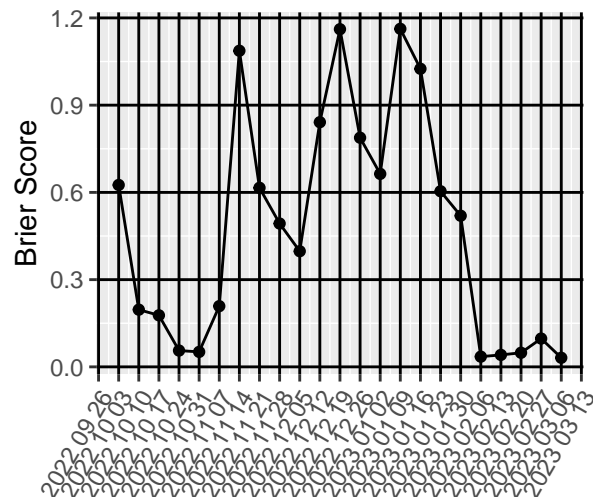
2/100k= 39



### Evaluation of forecast for Nebraska

Brier Score

closer to 0 indicates  
better prediction

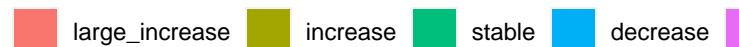
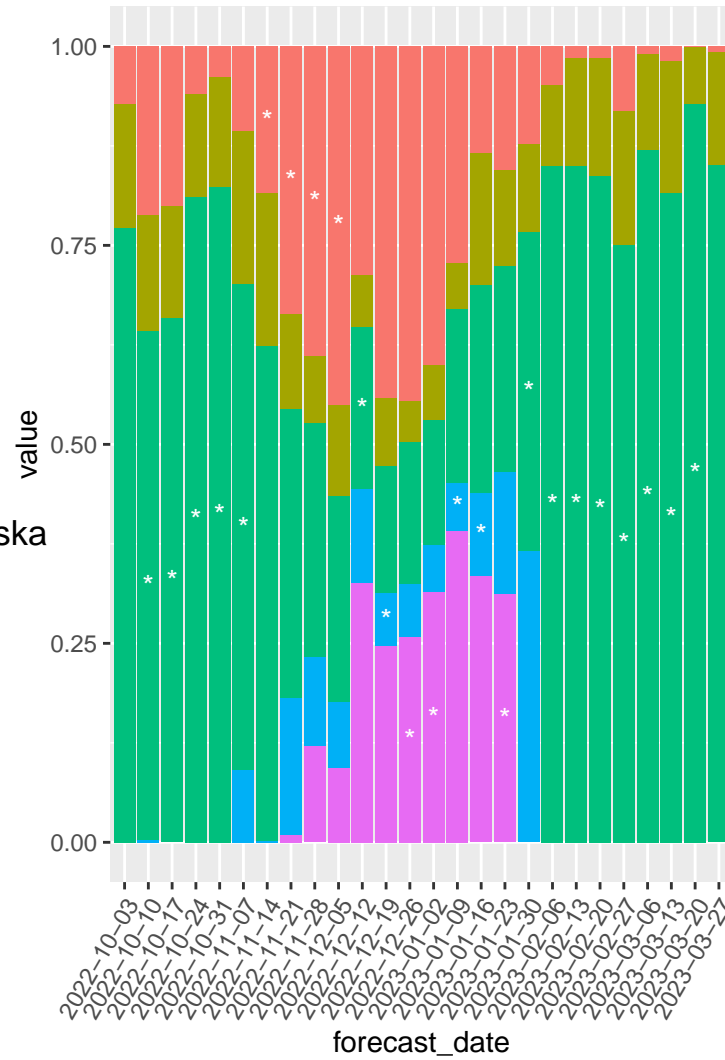


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

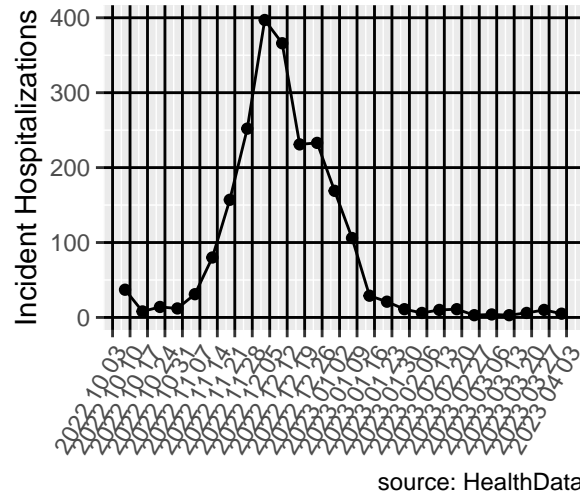


### Truth data for Nevada

Rates:

1/100k= 31

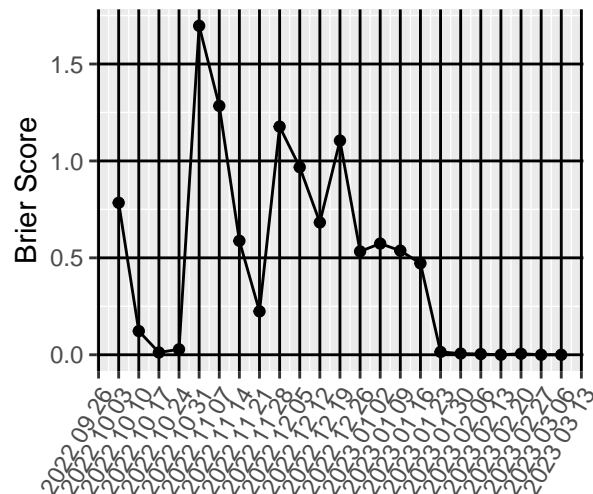
2/100k= 63



### Evaluation of forecast for Nevada

Brier Score

closer to 0 indicates  
better prediction

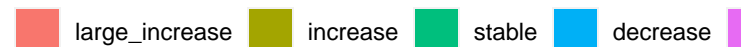
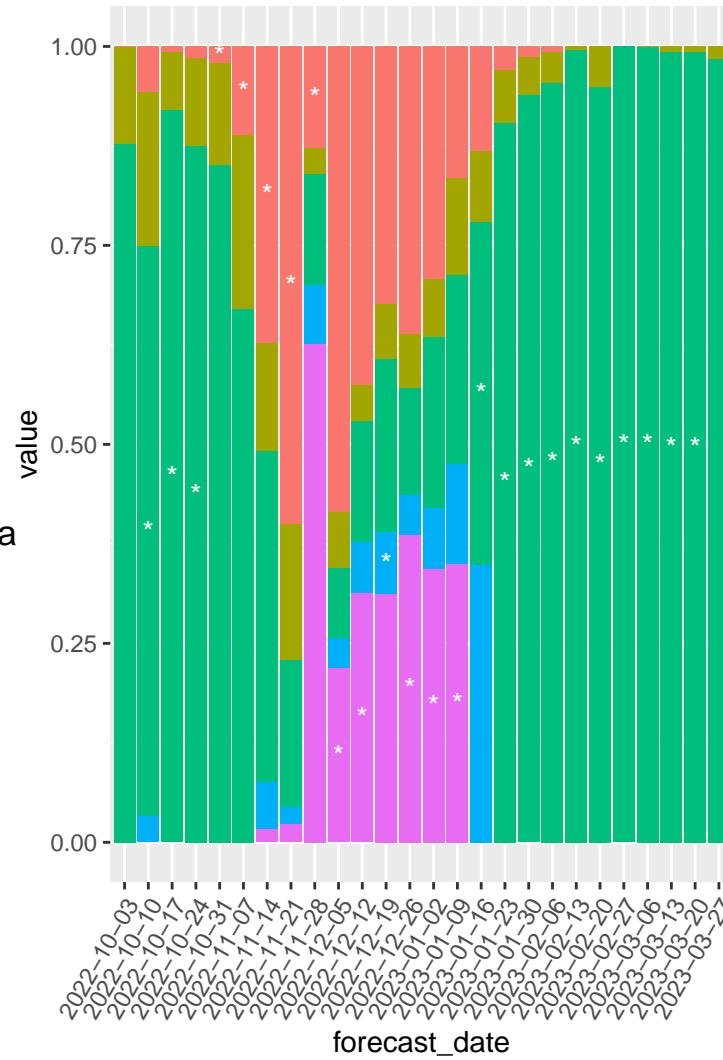


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

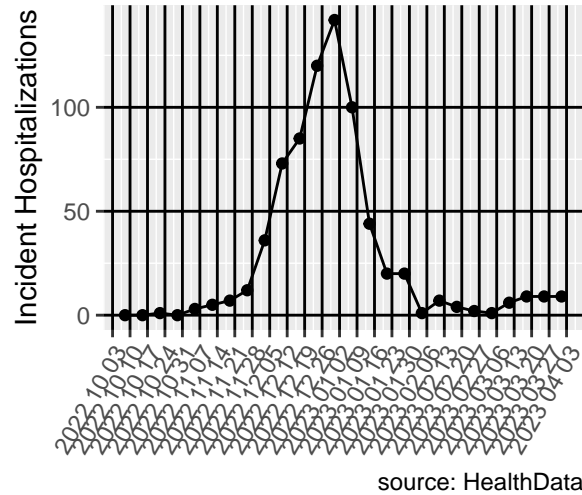


### Truth data for New Hampshire

Rates:

1/100k= 14

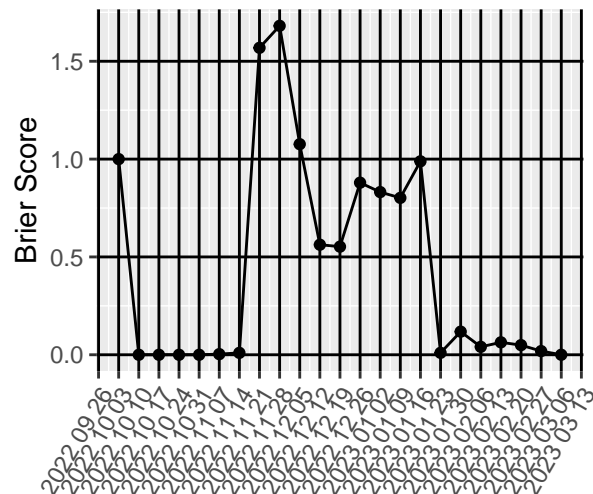
2/100k= 28



### Evaluation of forecast for New Hampshire

Brier Score

closer to 0 indicates  
better prediction

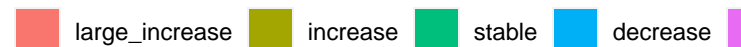
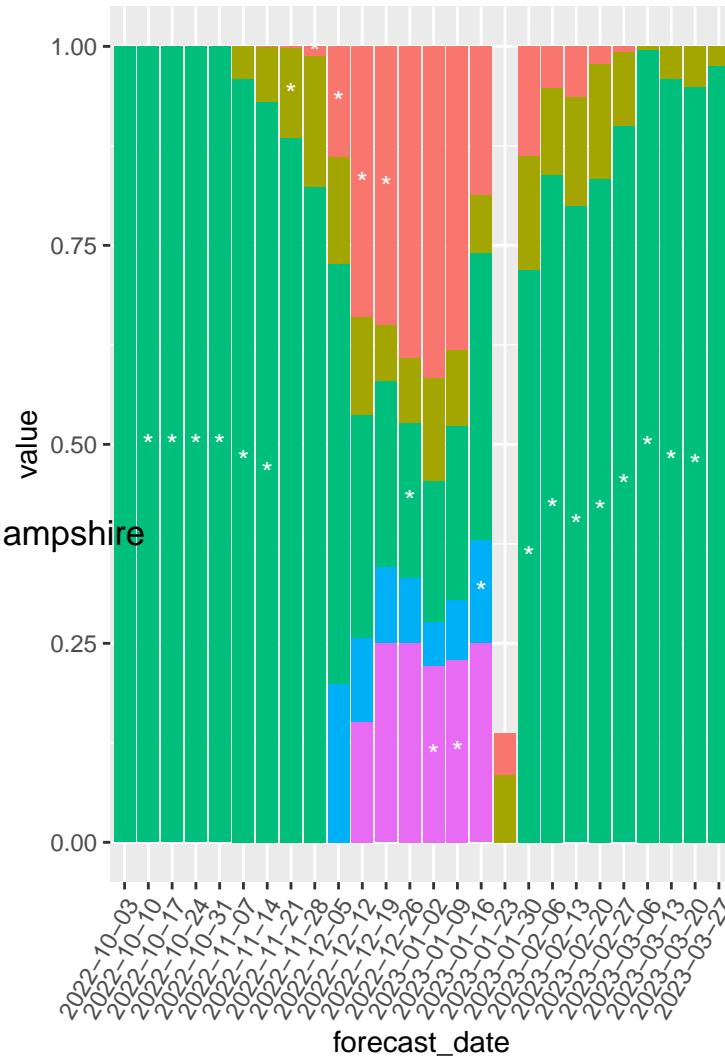


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

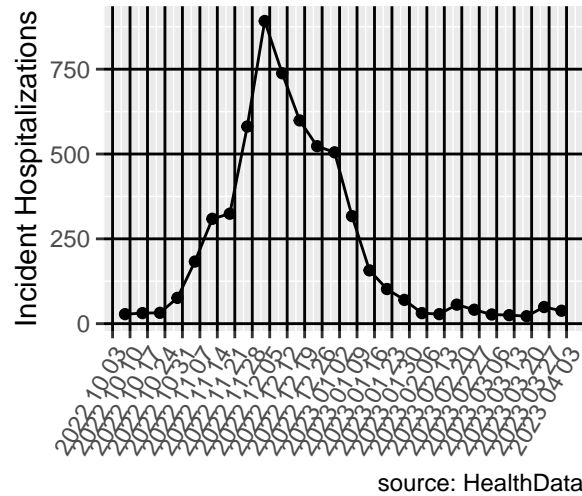


### Truth data for New Jersey

Rates:

1/100k= 93

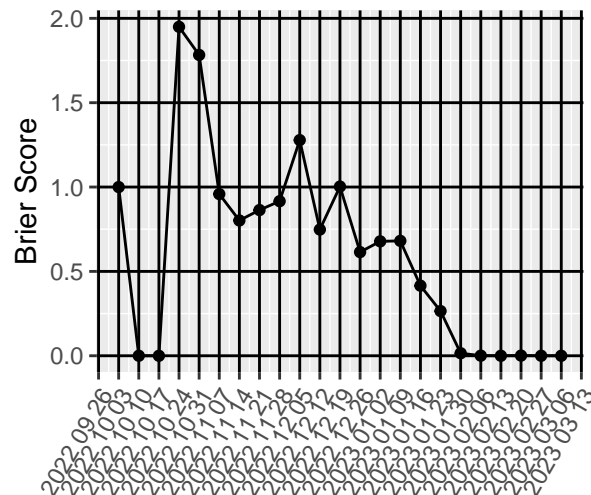
2/100k= 185



### Evaluation of forecast for New Jersey

Brier Score

closer to 0 indicates  
better prediction

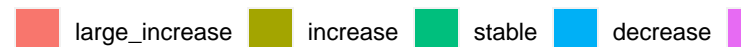
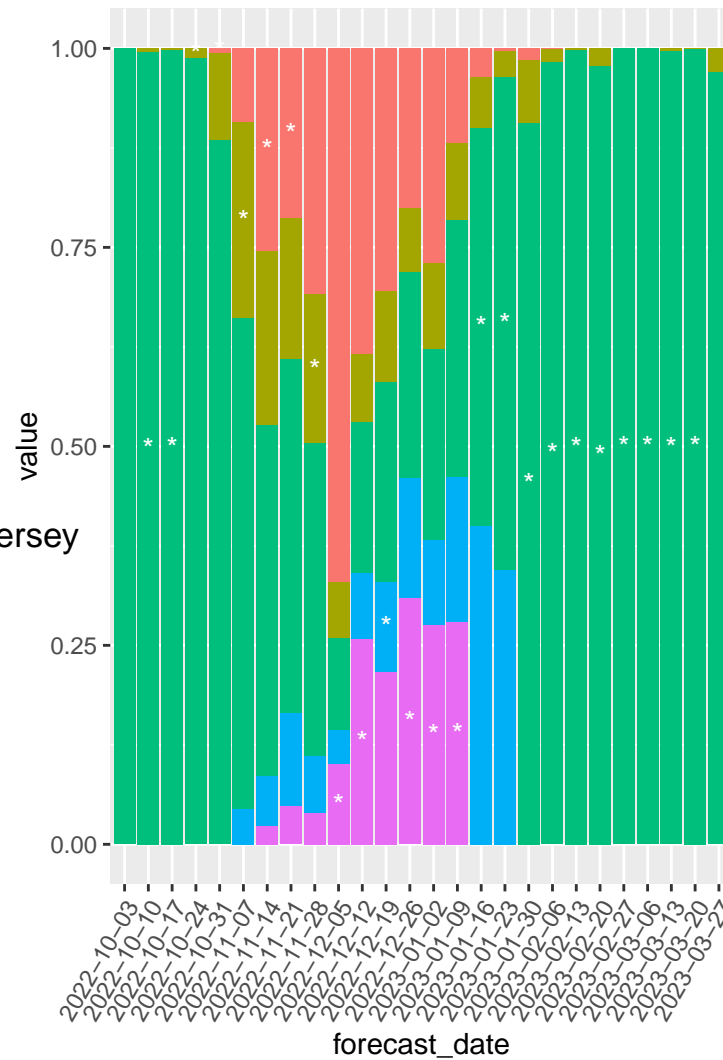


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)



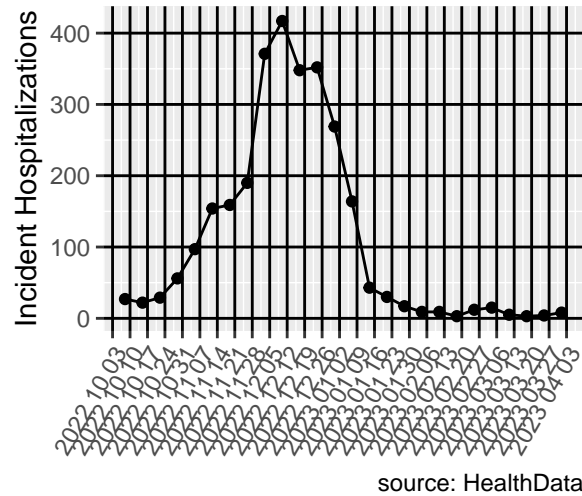


### Truth data for New Mexico

Rates:

1/100k= 21

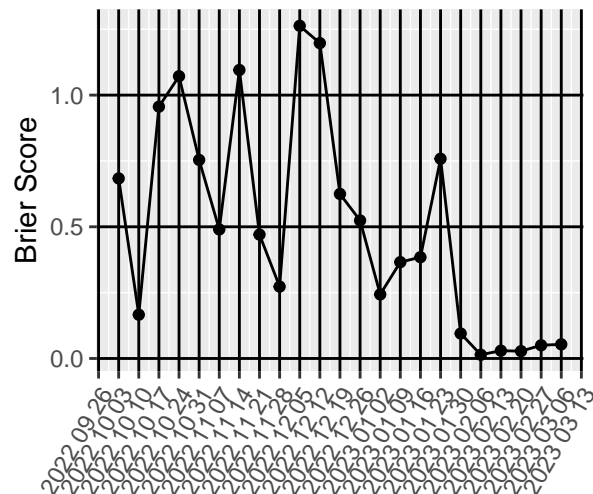
2/100k= 42



### Evaluation of forecast for New Mexico

Brier Score

closer to 0 indicates  
better prediction

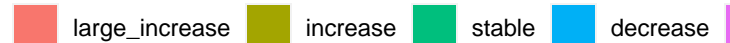
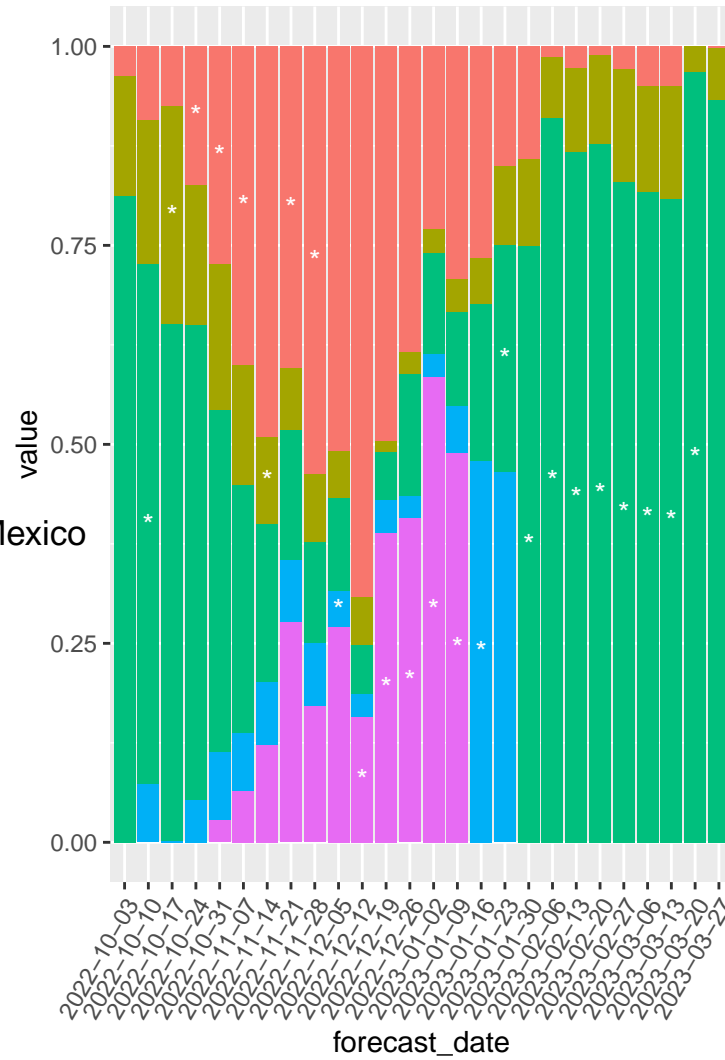


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

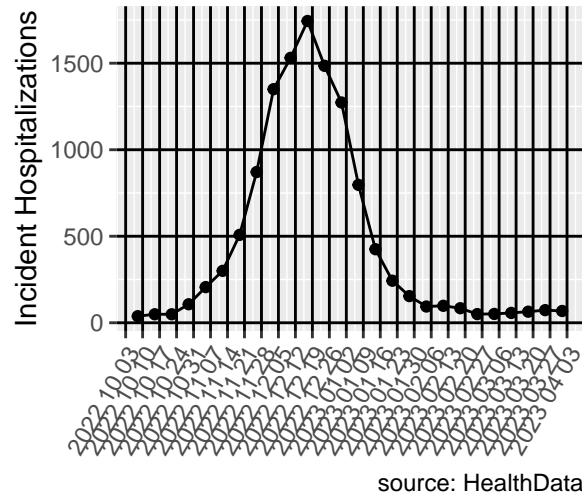


### Truth data for New York

Rates:

1/100k= 198

2/100k= 397

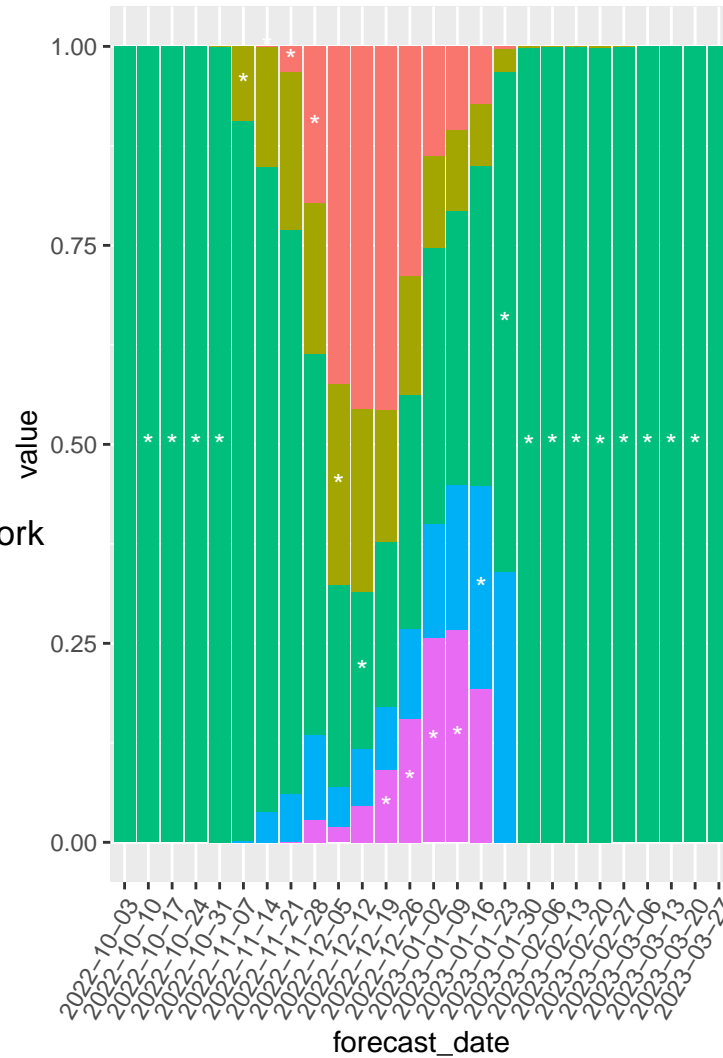


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

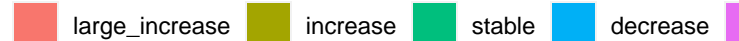
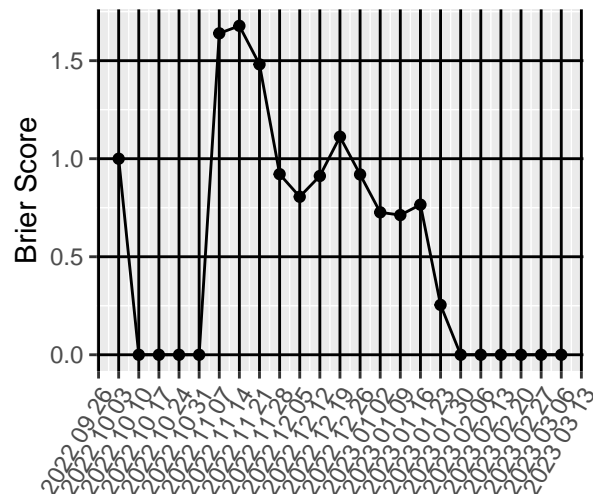
(\* indicates truth)



### Evaluation of forecast for New York

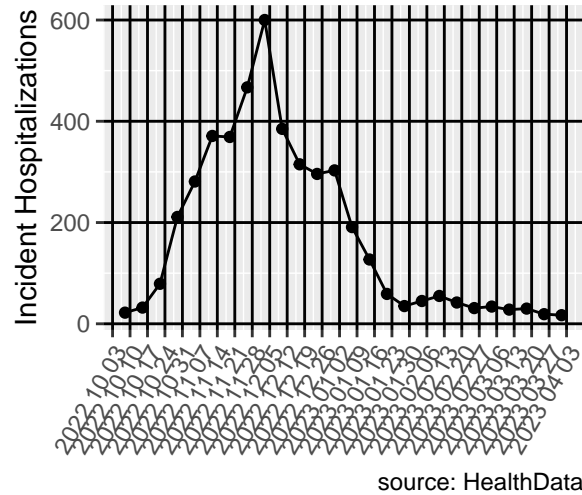
Brier Score

closer to 0 indicates  
better prediction



### Truth data for North Carolina

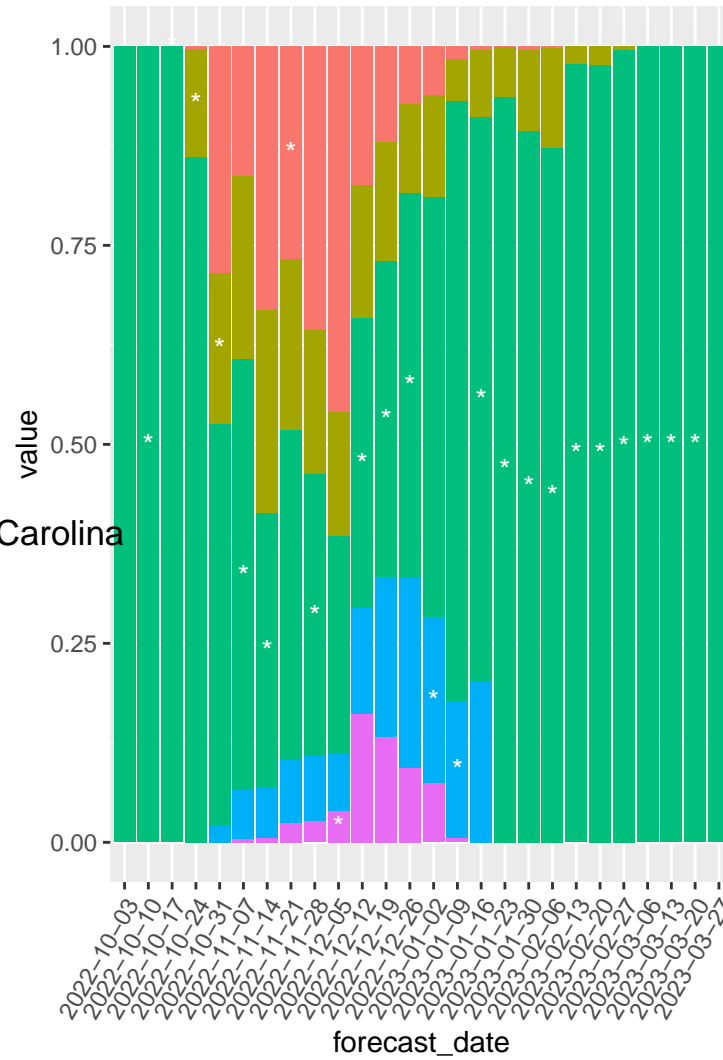
Rates:  
1/100k= 106  
2/100k= 211



### Experimental target:

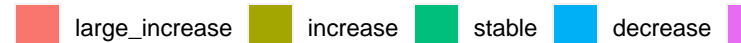
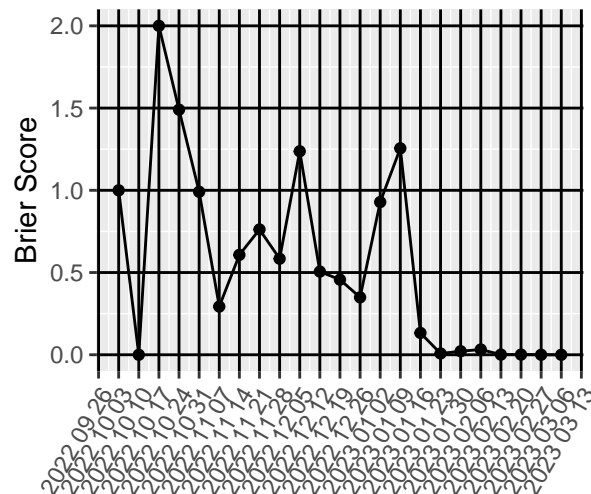
UMass-trends\_ensemble

Target for 2 weeks post forecast date  
(\* indicates truth)



### Evaluation of forecast for North Carolina

Brier Score  
closer to 0 indicates  
better prediction

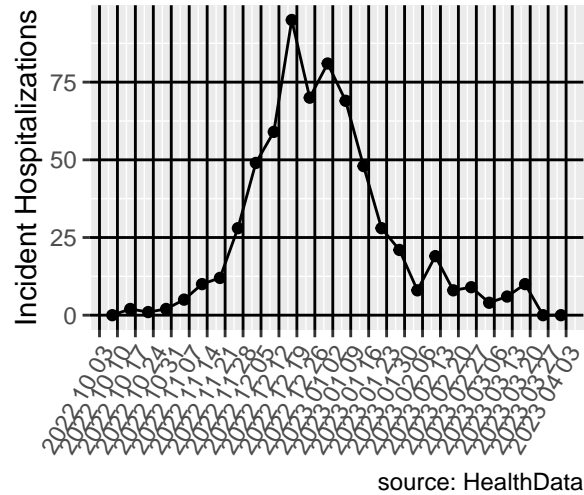


### Truth data for North Dakota

Rates:

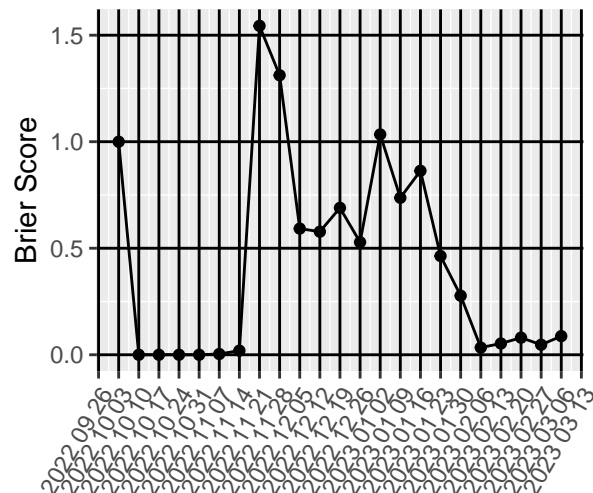
1/100k= 8

2/100k= 15



### Evaluation of forecast for North Dakota

Brier Score  
closer to 0 indicates  
better prediction

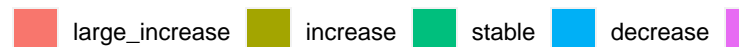
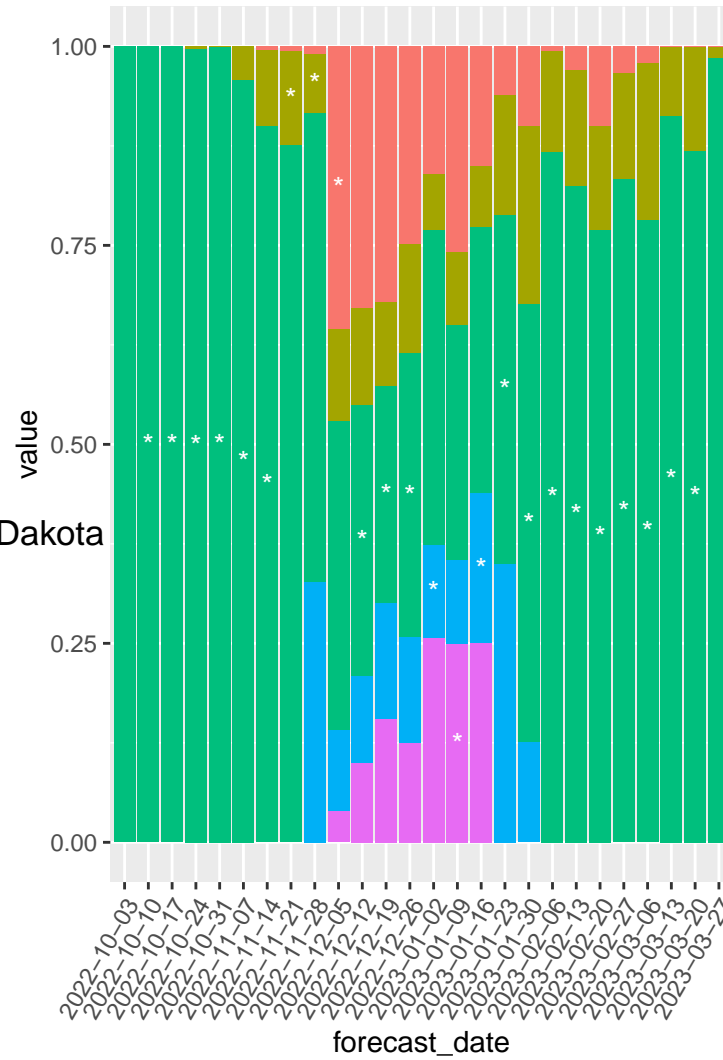


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

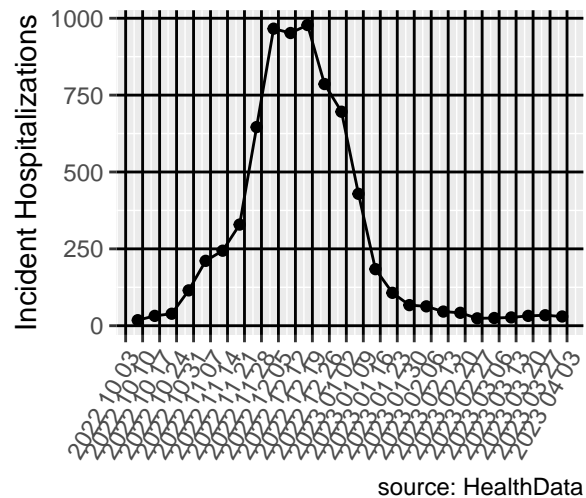


### Truth data for Ohio

Rates:

1/100k= 118

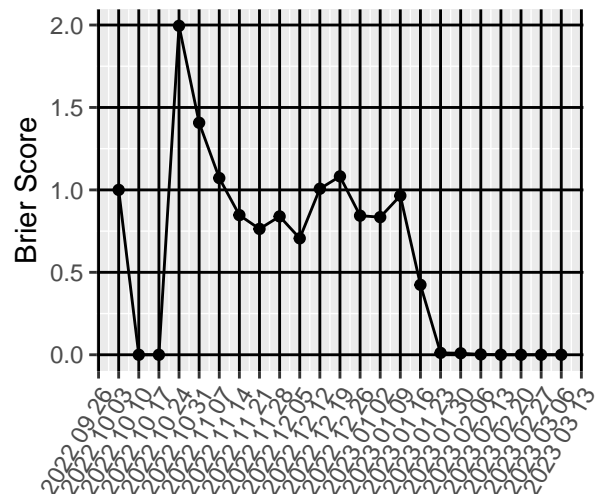
2/100k= 236



### Evaluation of forecast for Ohio

Brier Score

closer to 0 indicates  
better prediction

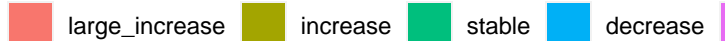
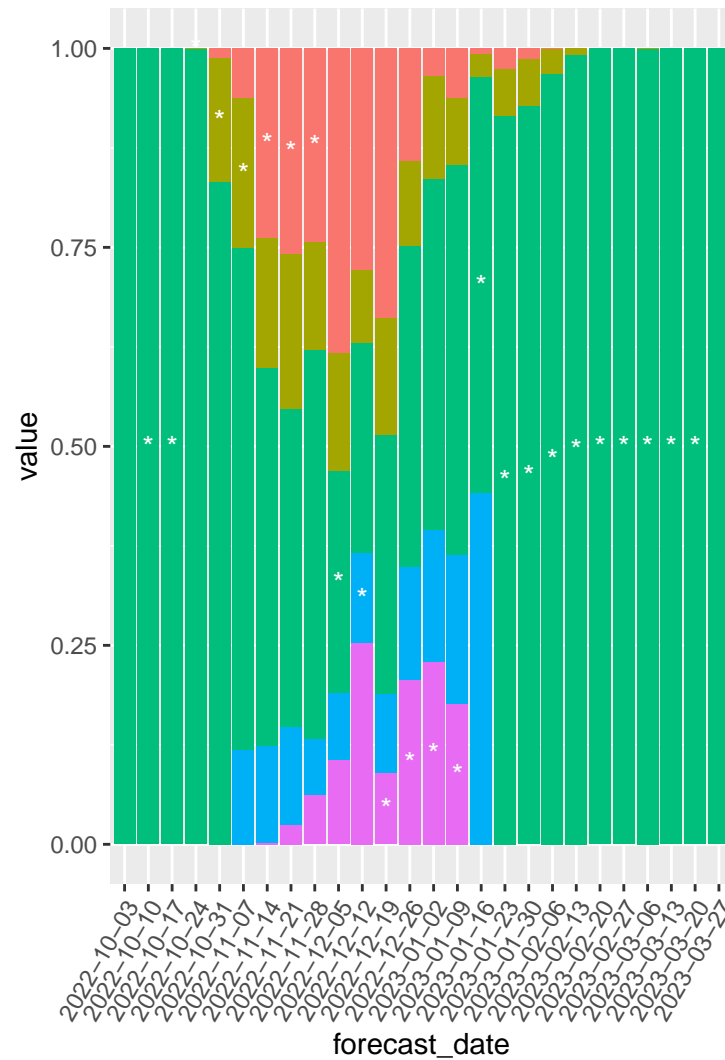


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

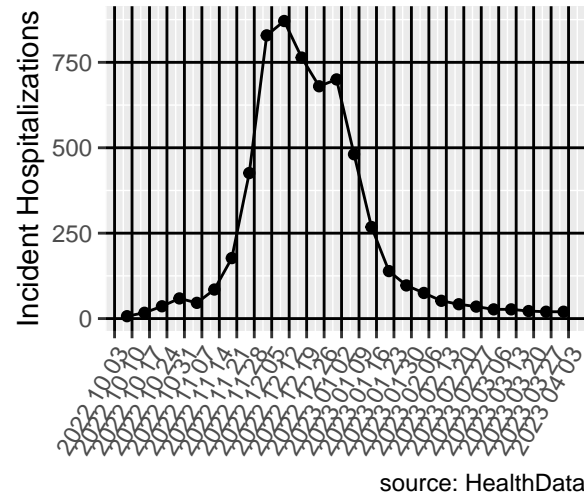


### Truth data for Oklahoma

Rates:

1/100k= 40

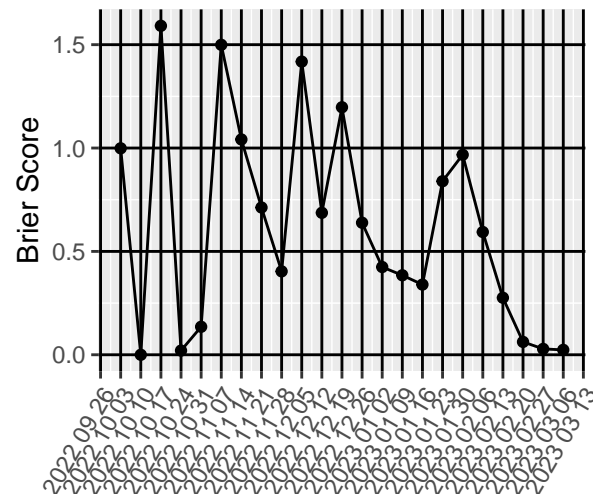
2/100k= 80



### Evaluation of forecast for Oklahoma

Brier Score

closer to 0 indicates  
better prediction

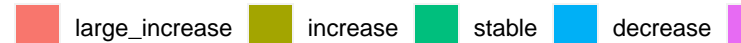
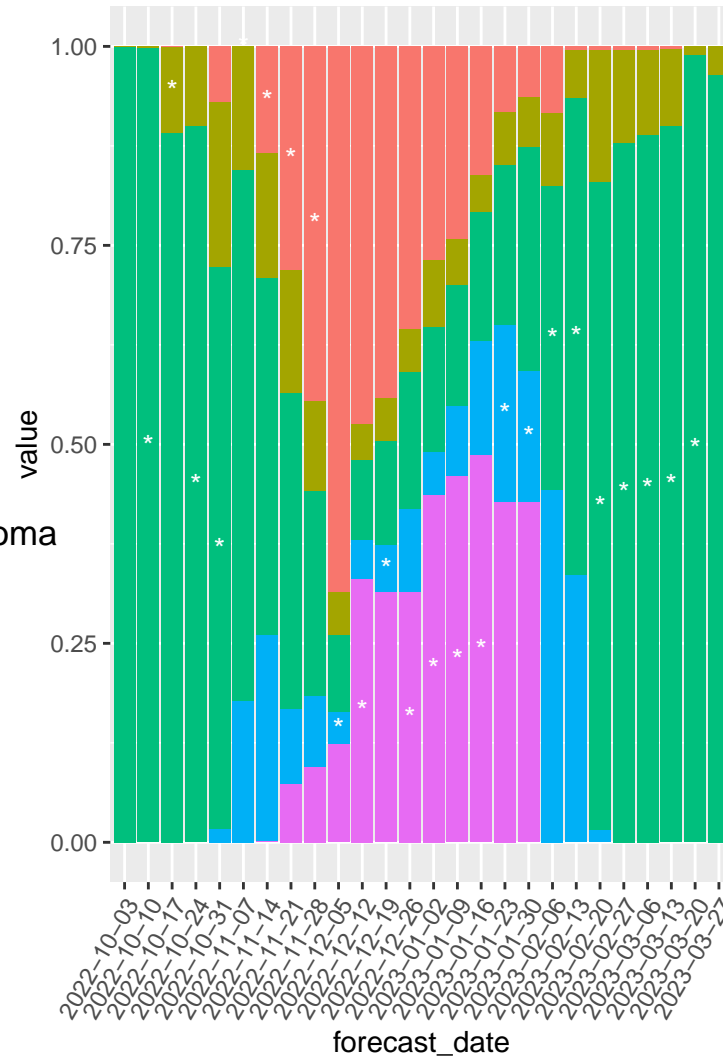


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

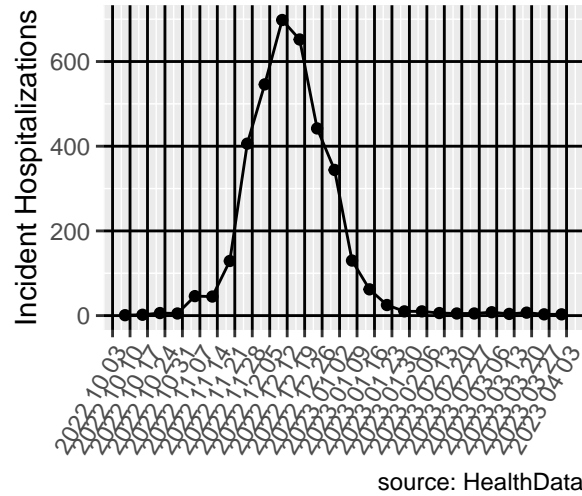


### Truth data for Oregon

Rates:

1/100k= 42

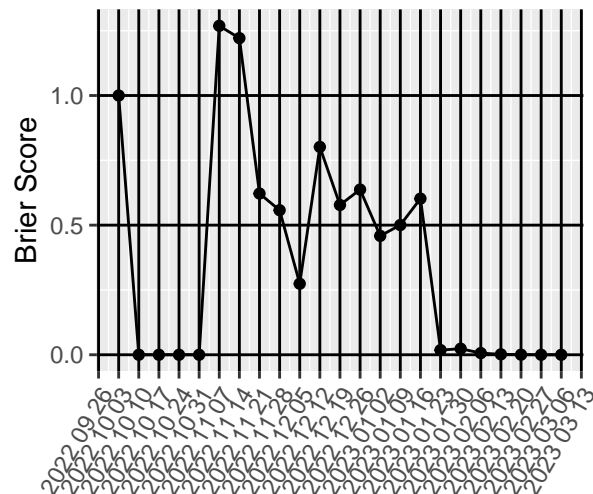
2/100k= 85



### Evaluation of forecast for Oregon

Brier Score

closer to 0 indicates  
better prediction

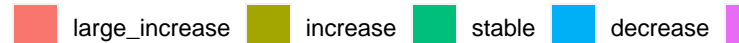
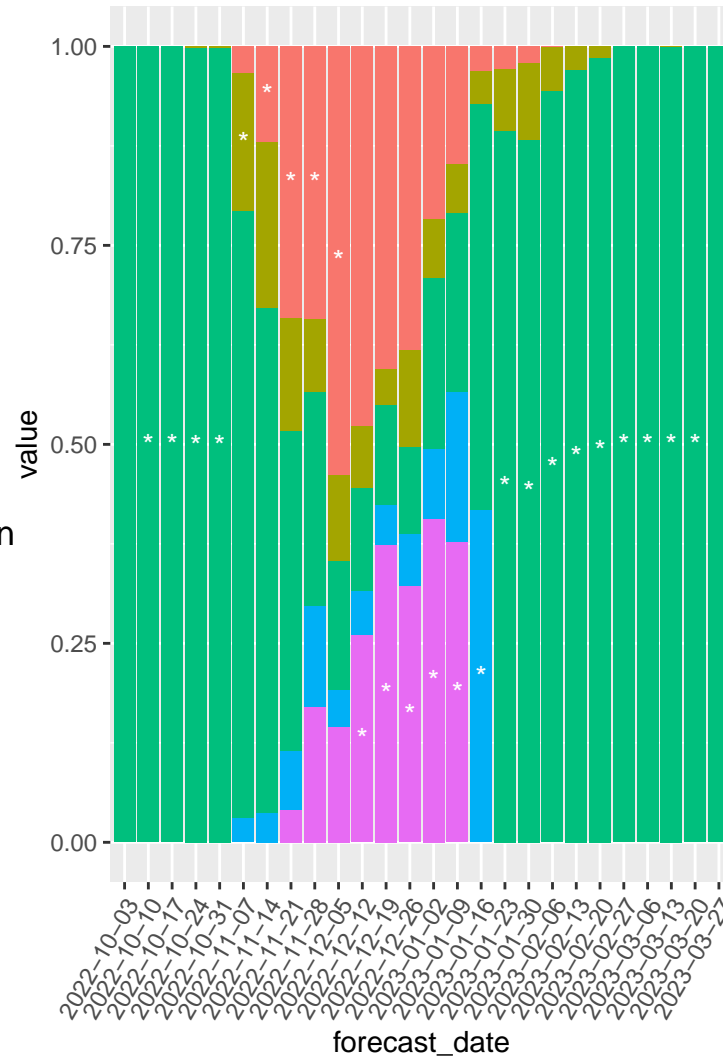


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

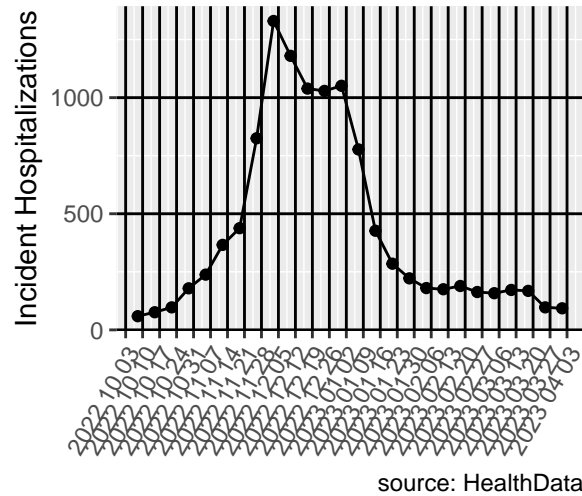


### Truth data for Pennsylvania

Rates:

1/100k= 130

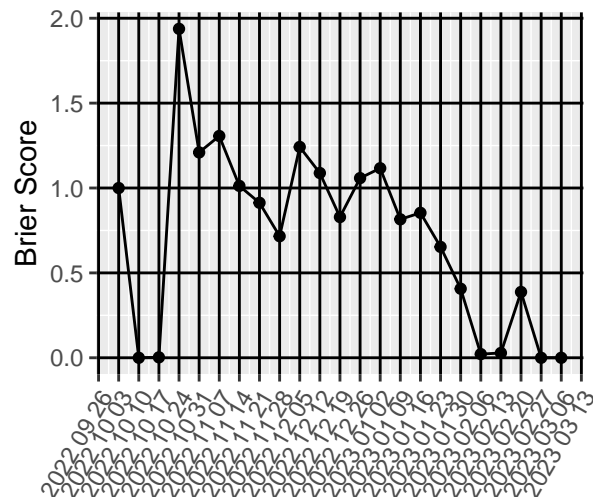
2/100k= 259



### Evaluation of forecast for Pennsylvania

Brier Score

closer to 0 indicates  
better prediction

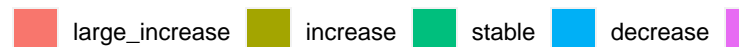
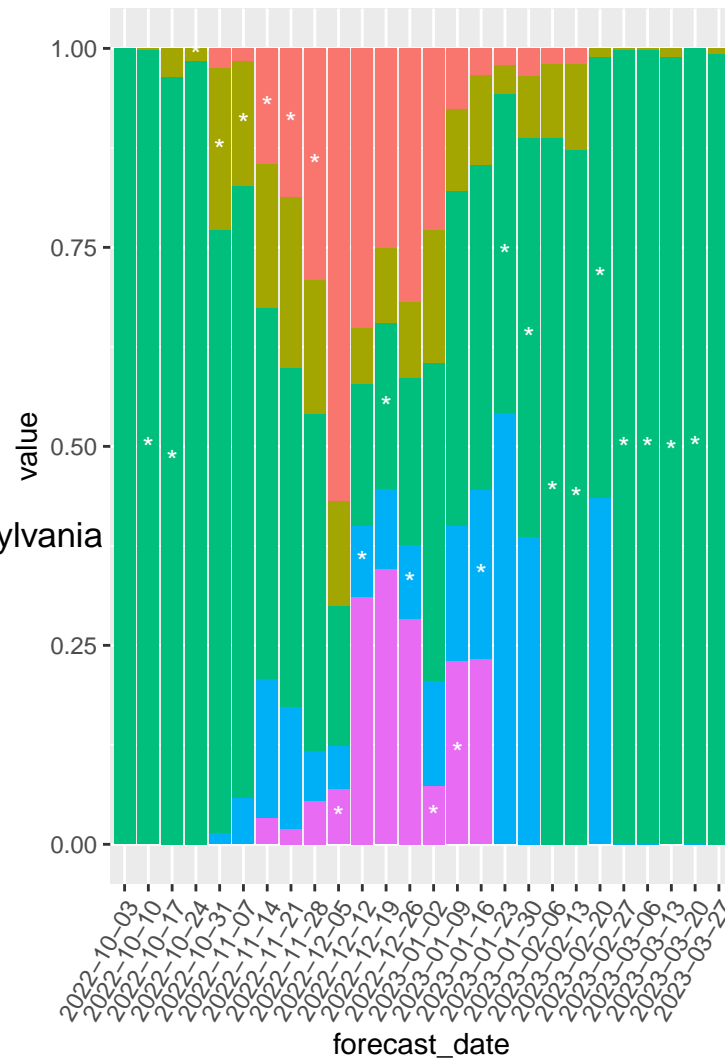


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)



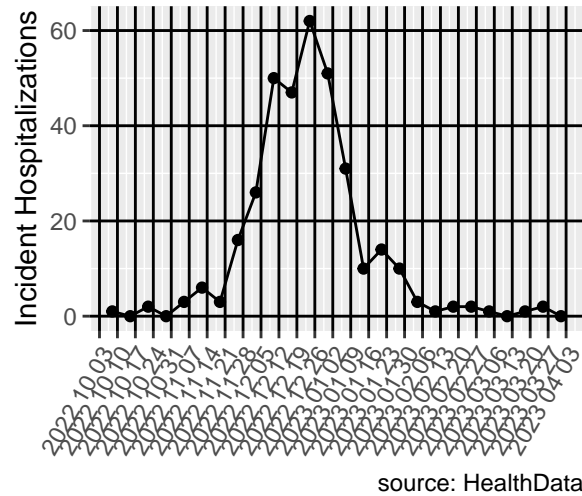


### Truth data for Rhode Island

Rates:

1/100k= 11

2/100k= 22

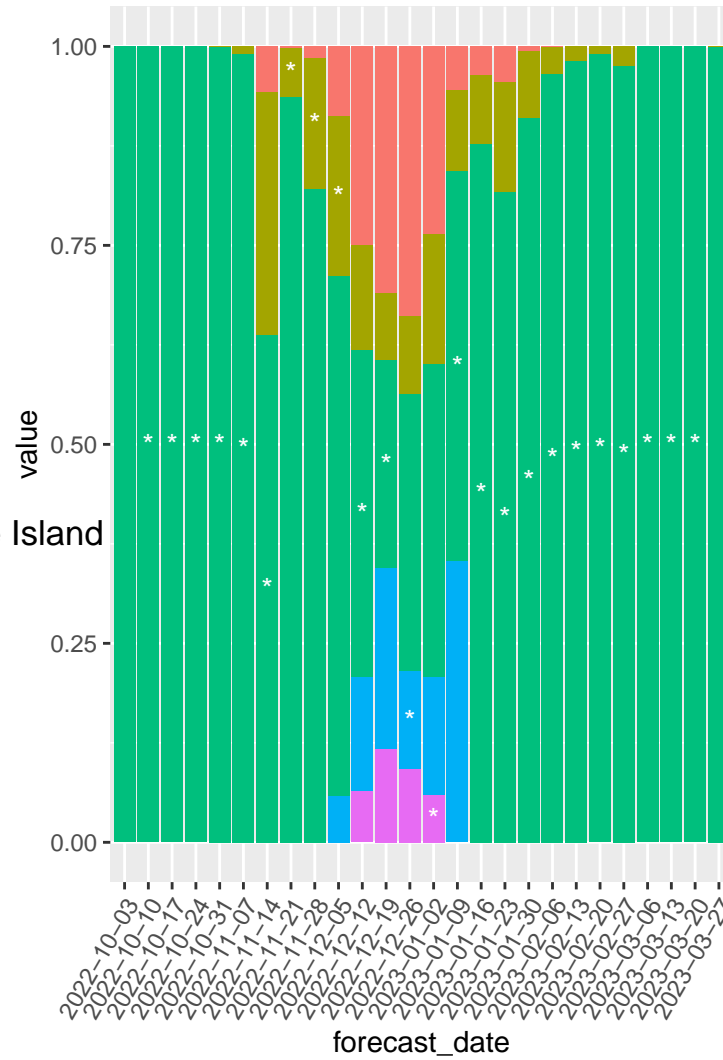


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

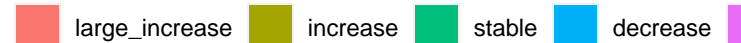
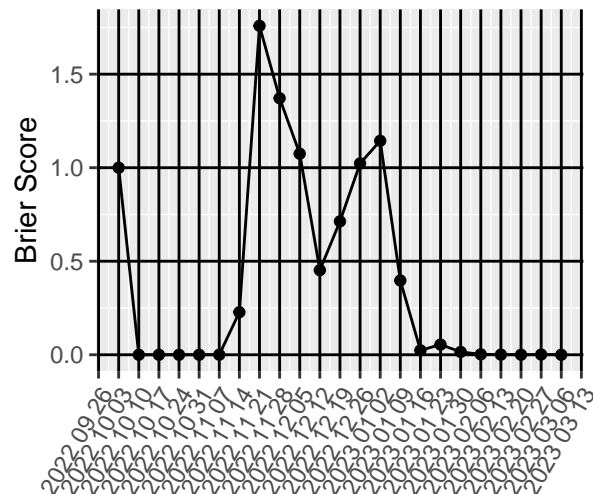
(\* indicates truth)



### Evaluation of forecast for Rhode Island

Brier Score

closer to 0 indicates  
better prediction

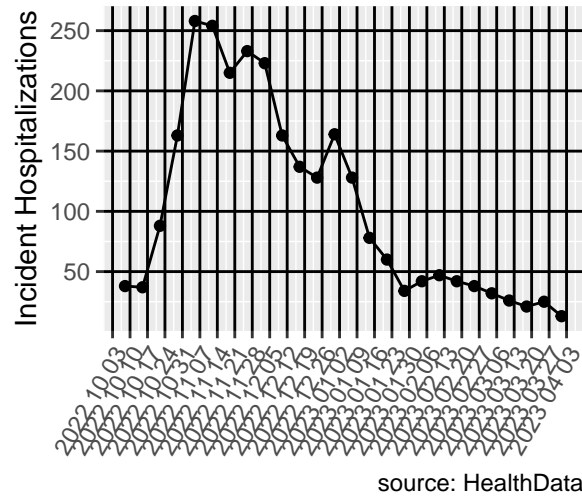


### Truth data for South Carolina

Rates:

1/100k= 52

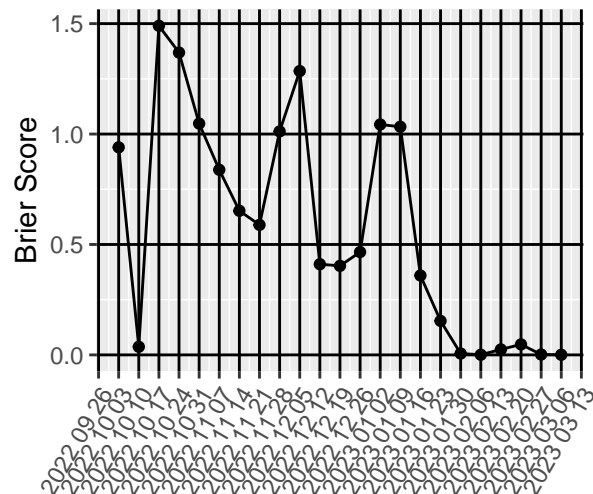
2/100k= 104



### Evaluation of forecast for South Carolina

Brier Score

closer to 0 indicates  
better prediction

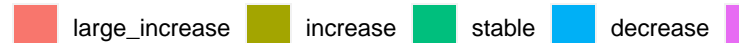
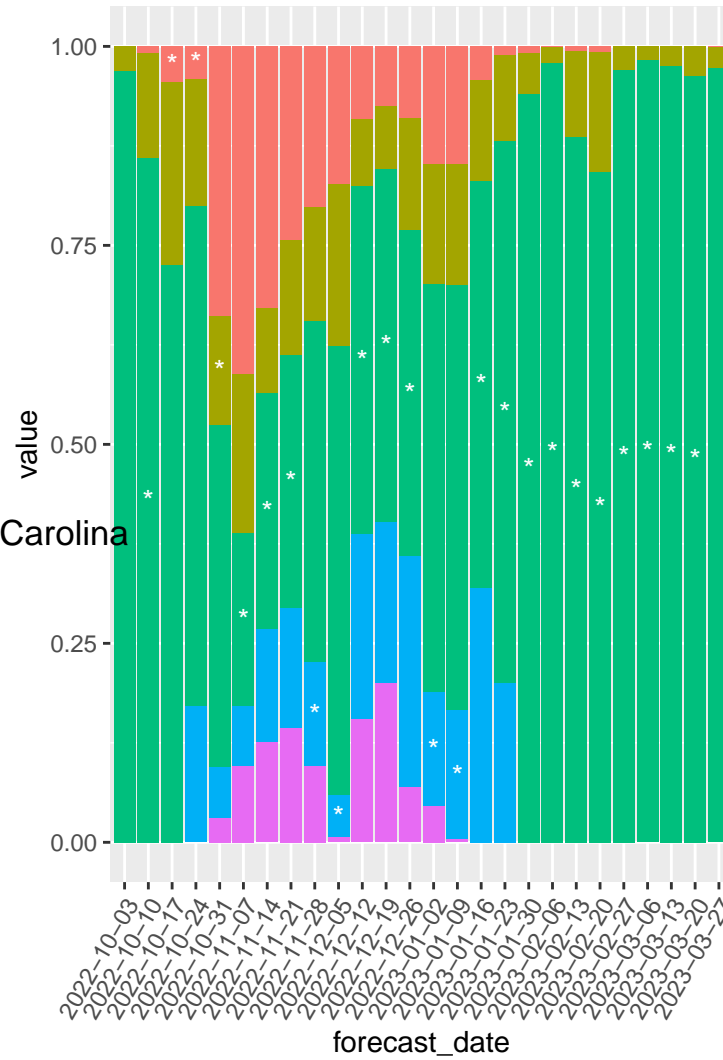


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

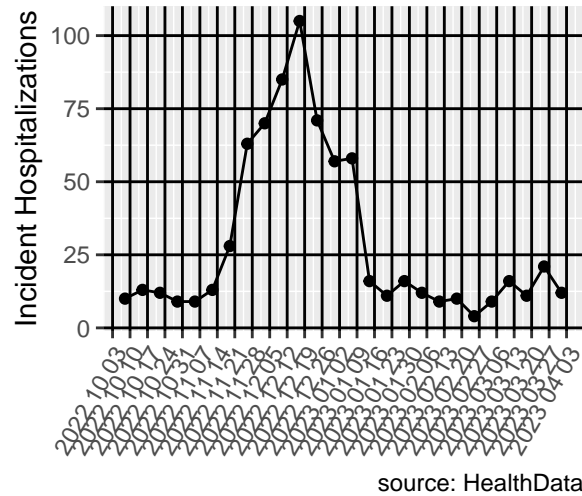


### Truth data for South Dakota

Rates:

1/100k= 9

2/100k= 18

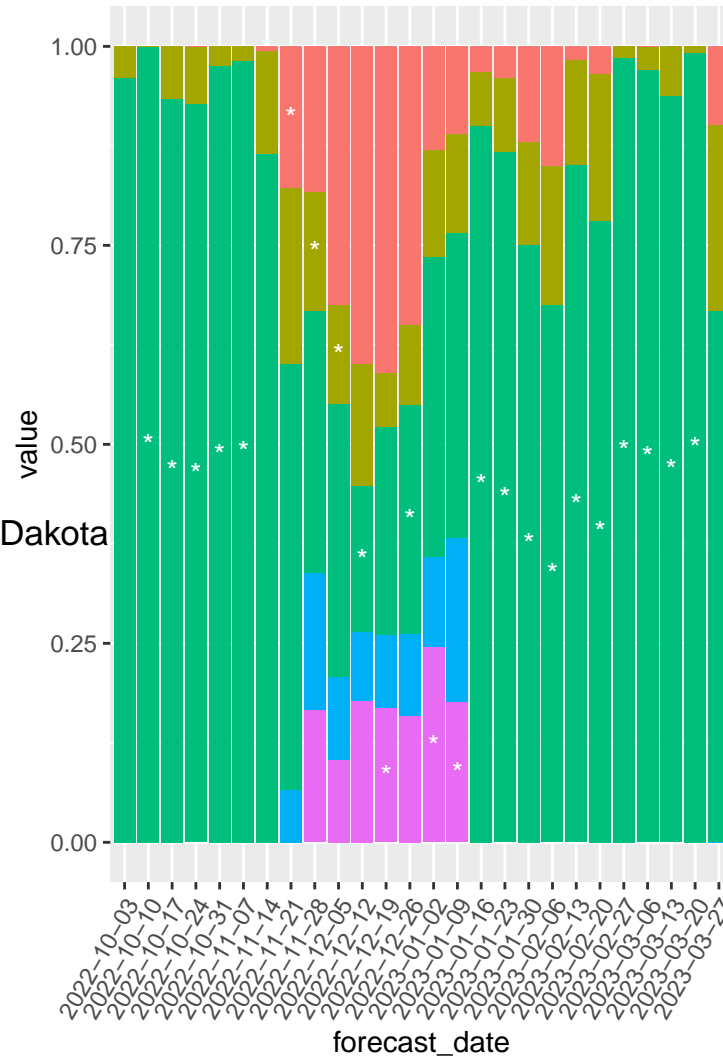


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

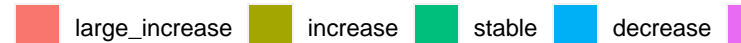
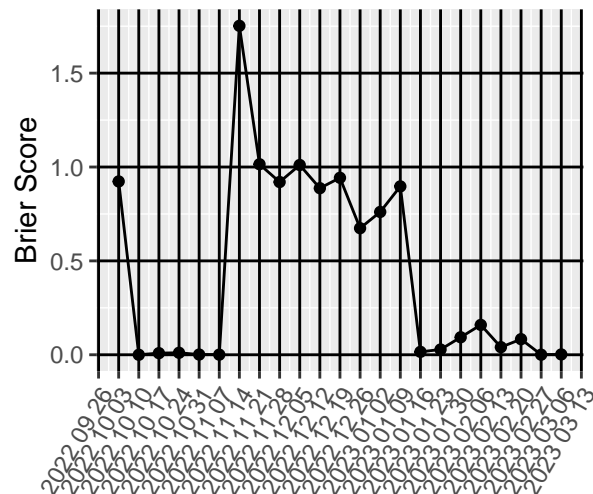
(\* indicates truth)



### Evaluation of forecast for South Dakota

Brier Score

closer to 0 indicates  
better prediction

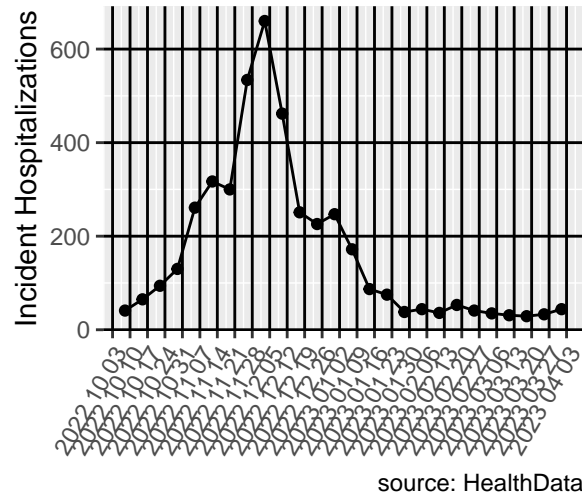


### Truth data for Tennessee

Rates:

1/100k= 70

2/100k= 140

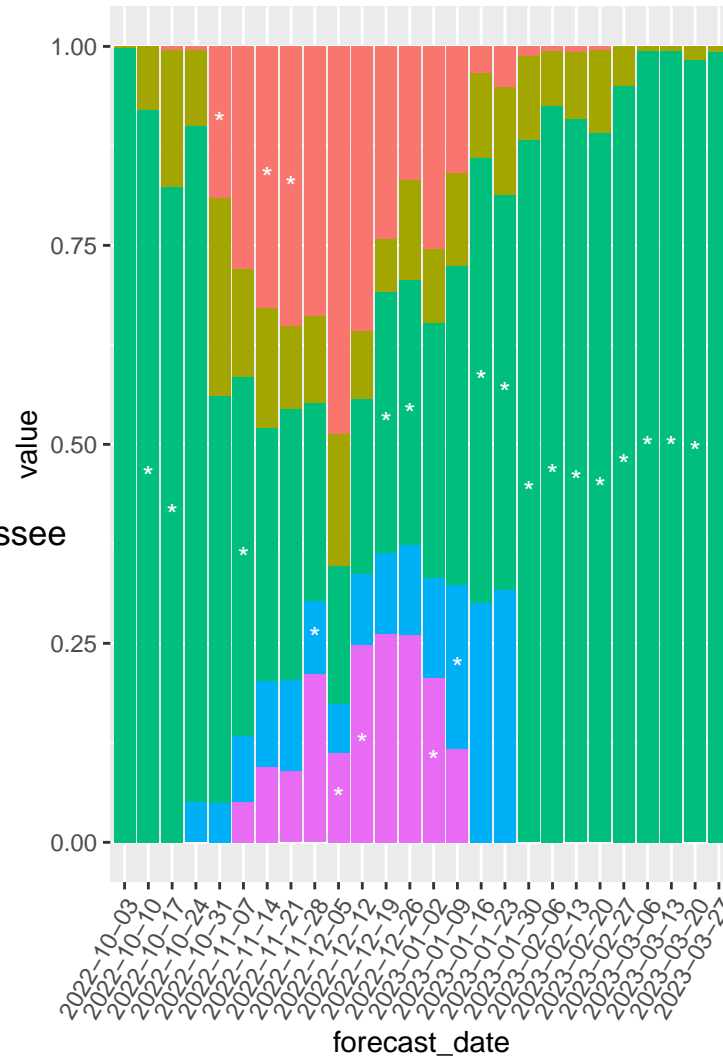


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

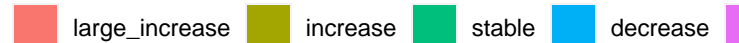
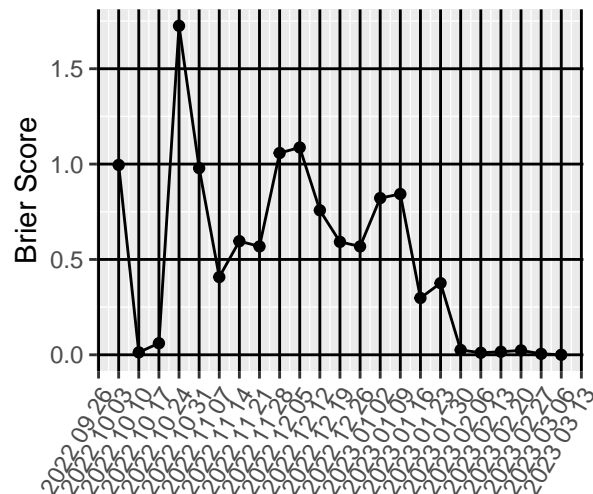
(\* indicates truth)



### Evaluation of forecast for Tennessee

Brier Score

closer to 0 indicates  
better prediction

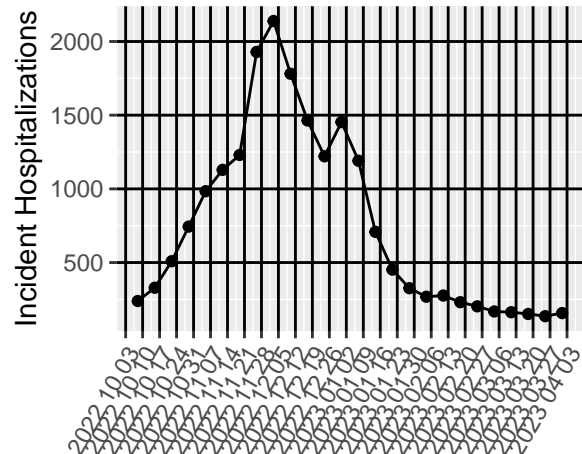


### Truth data for Texas

Rates:

1/100k= 295

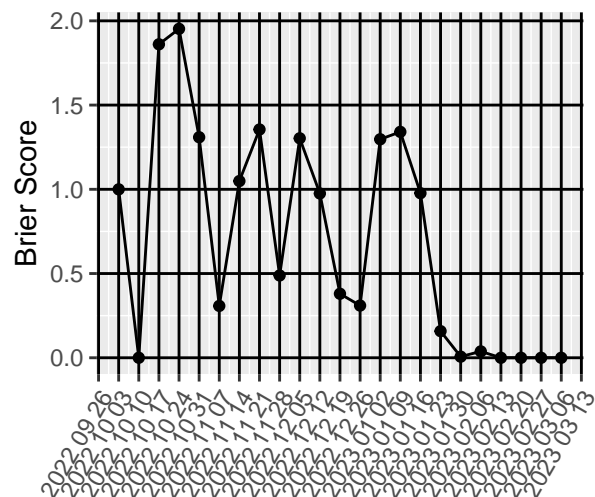
2/100k= 591



### Evaluation of forecast for Texas

Brier Score

closer to 0 indicates  
better prediction

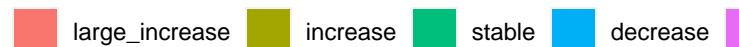
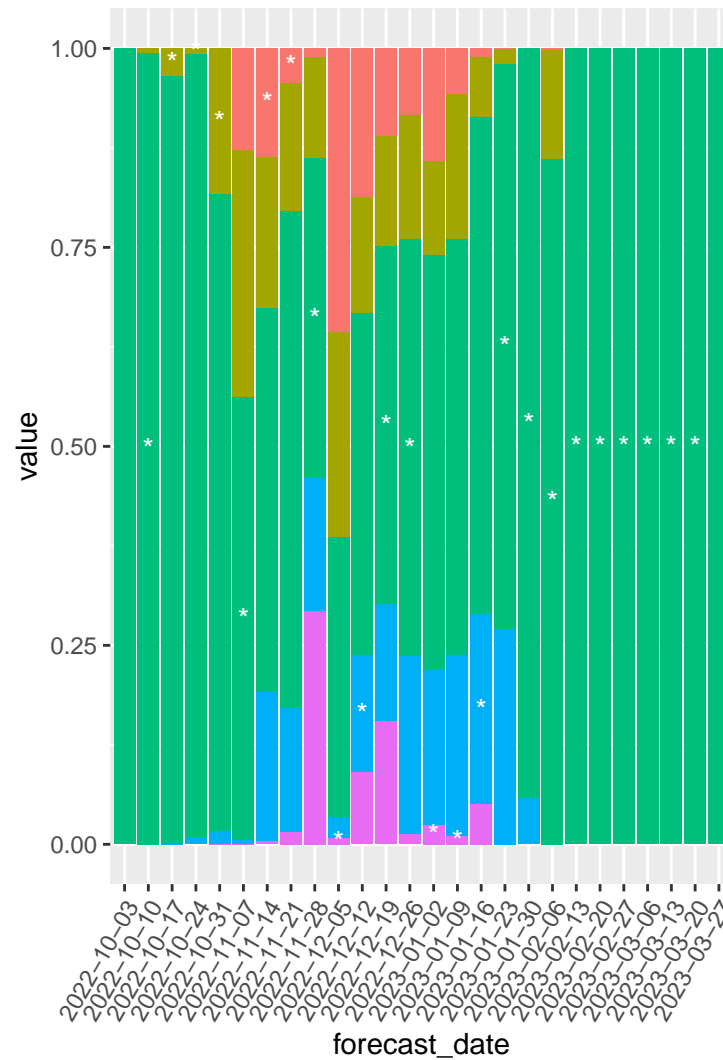


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

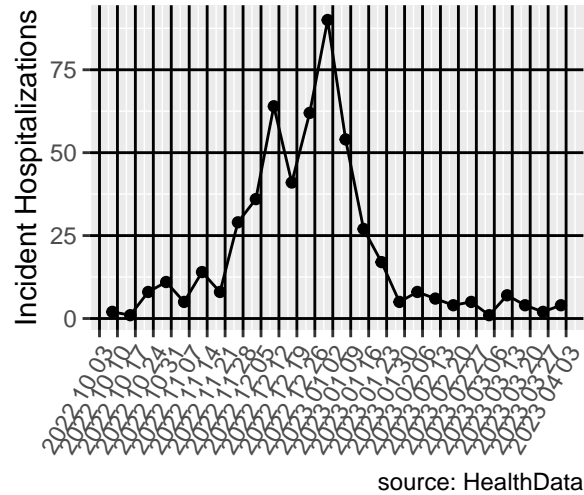


### Truth data for Utah

Rates:

1/100k= 33

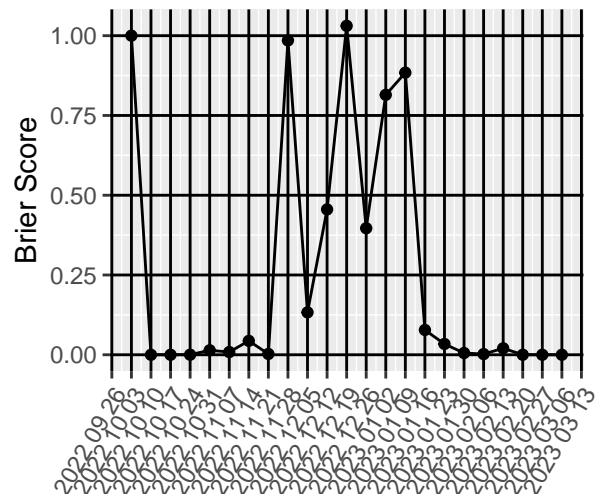
2/100k= 67



### Evaluation of forecast for Utah

Brier Score

closer to 0 indicates  
better prediction

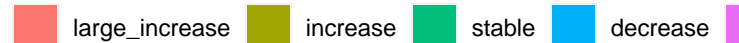
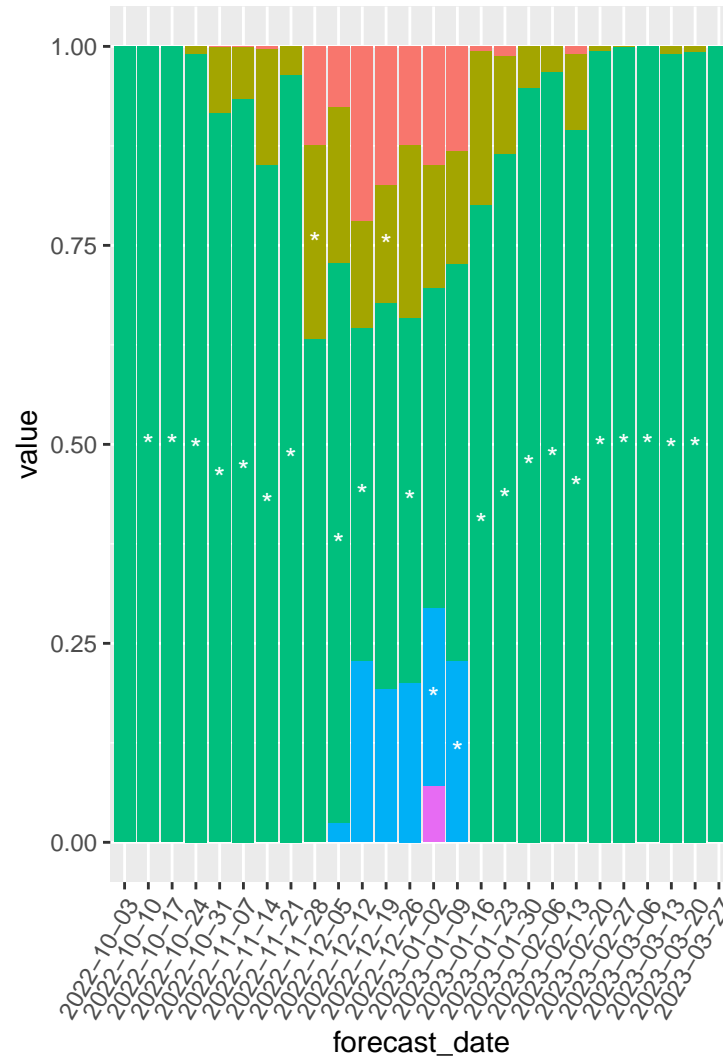


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

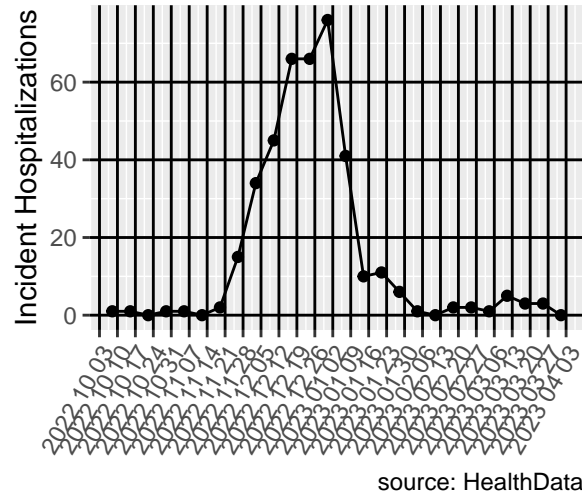


### Truth data for Vermont

Rates:

1/100k= 6

2/100k= 13

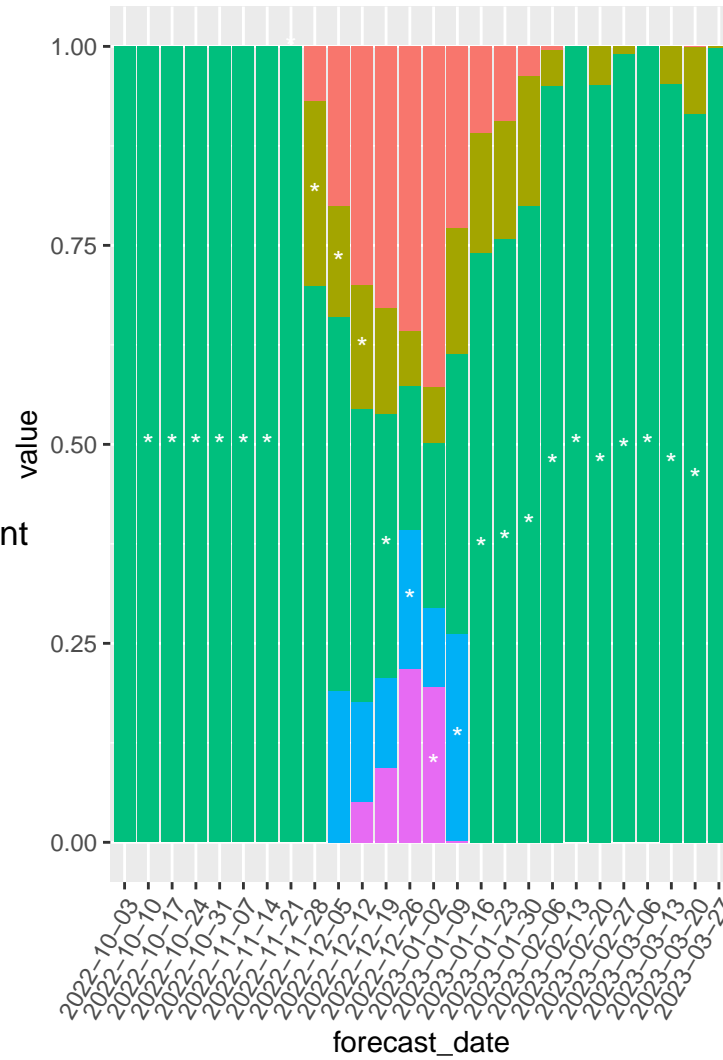


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

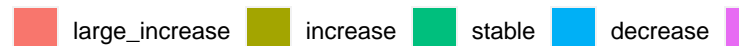
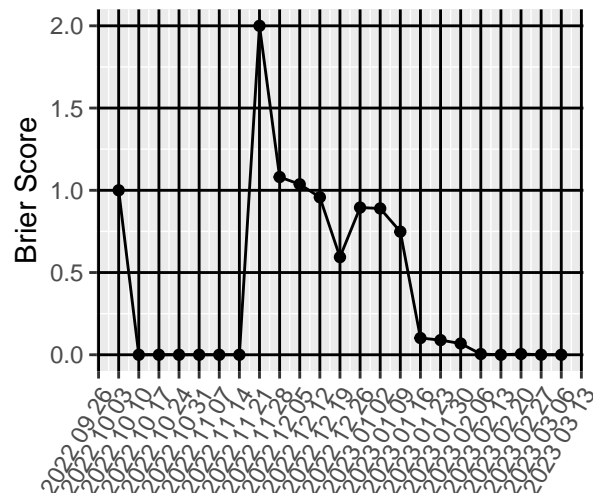
(\* indicates truth)



### Evaluation of forecast for Vermont

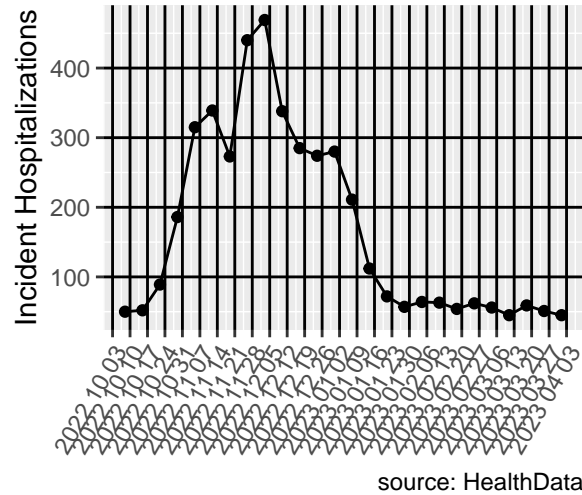
Brier Score

closer to 0 indicates  
better prediction



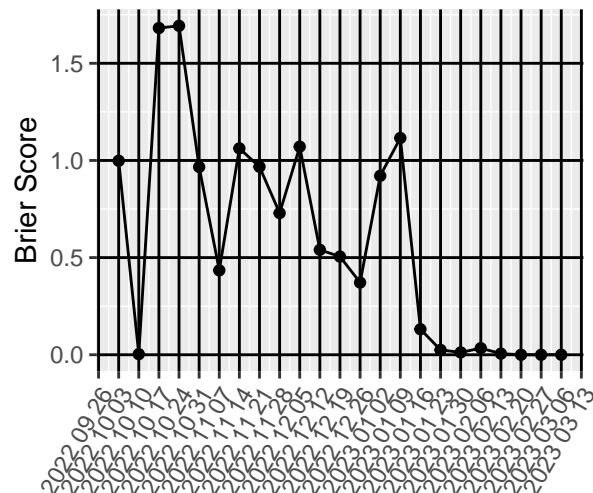
### Truth data for Virginia

Rates:  
1/100k= 86  
2/100k= 173



### Evaluation of forecast for Virginia

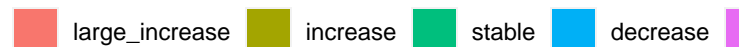
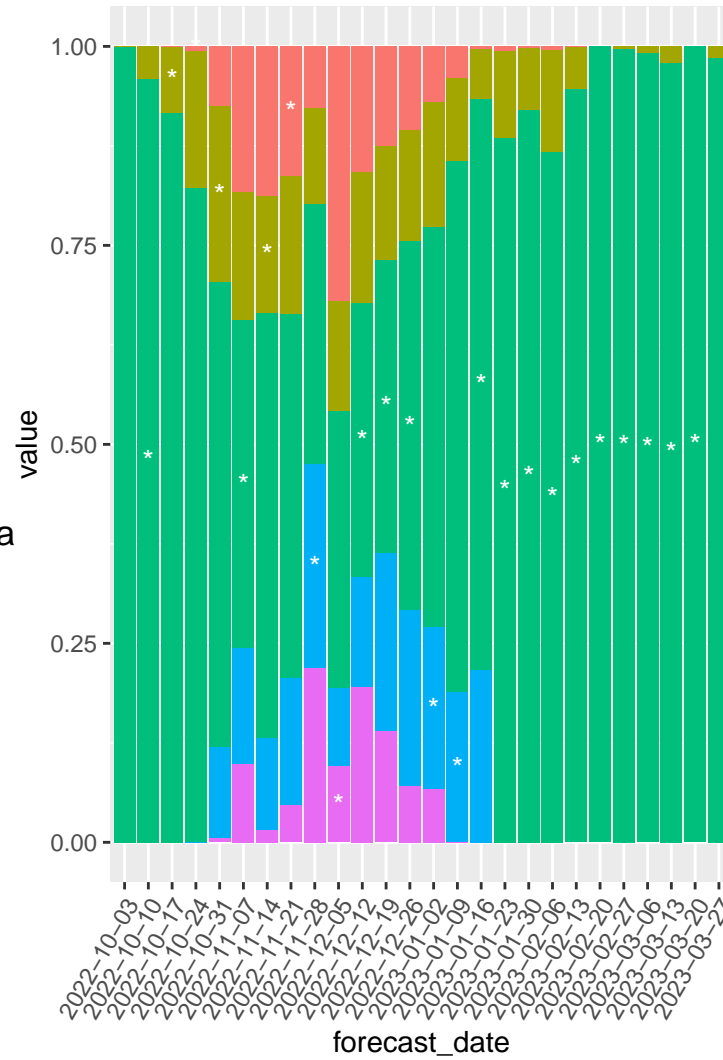
Brier Score  
closer to 0 indicates  
better prediction



### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date  
(\* indicates truth)



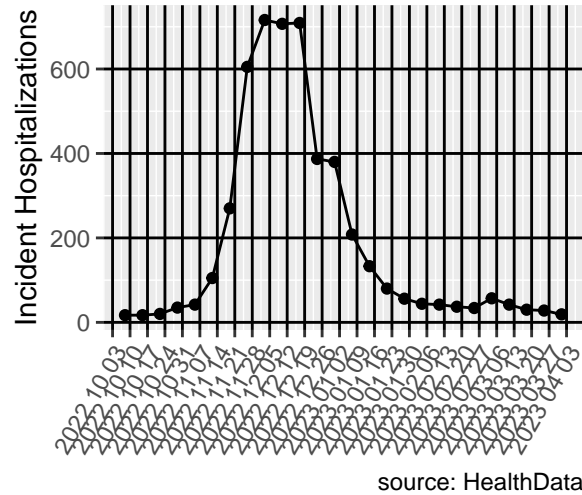


### Truth data for Washington

Rates:

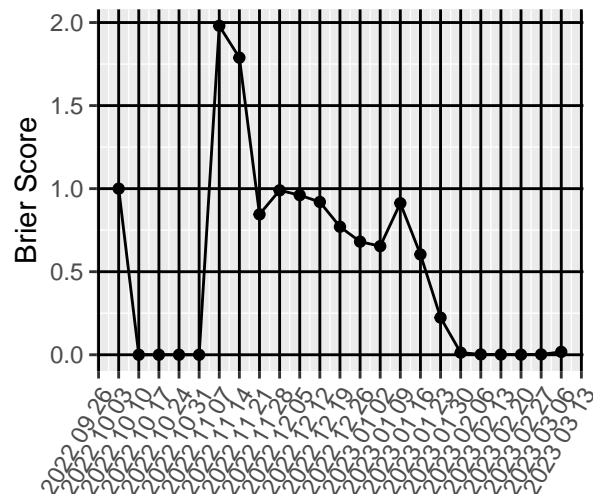
1/100k= 77

2/100k= 155



### Evaluation of forecast for Washington

Brier Score  
closer to 0 indicates  
better prediction

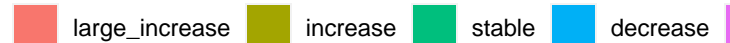
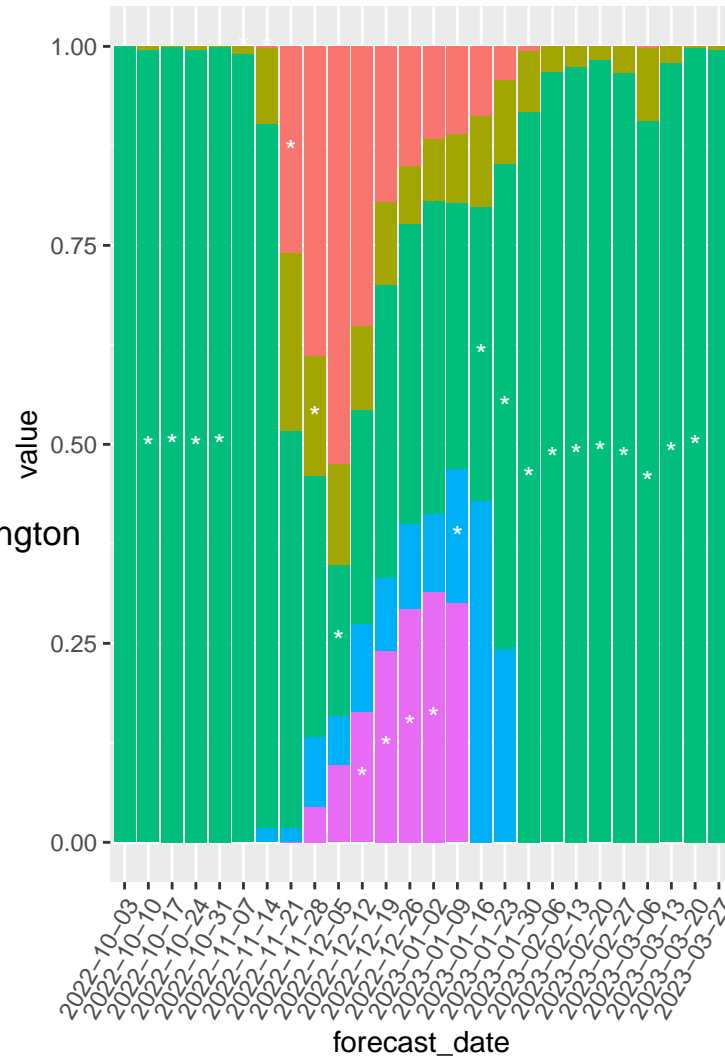


### Experimental target:

UMass-trends\_ensemble

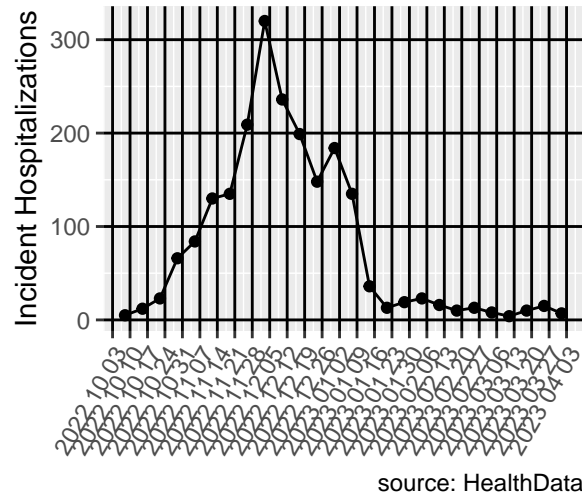
Target for 2 weeks post forecast date

(\* indicates truth)



### Truth data for West Virginia

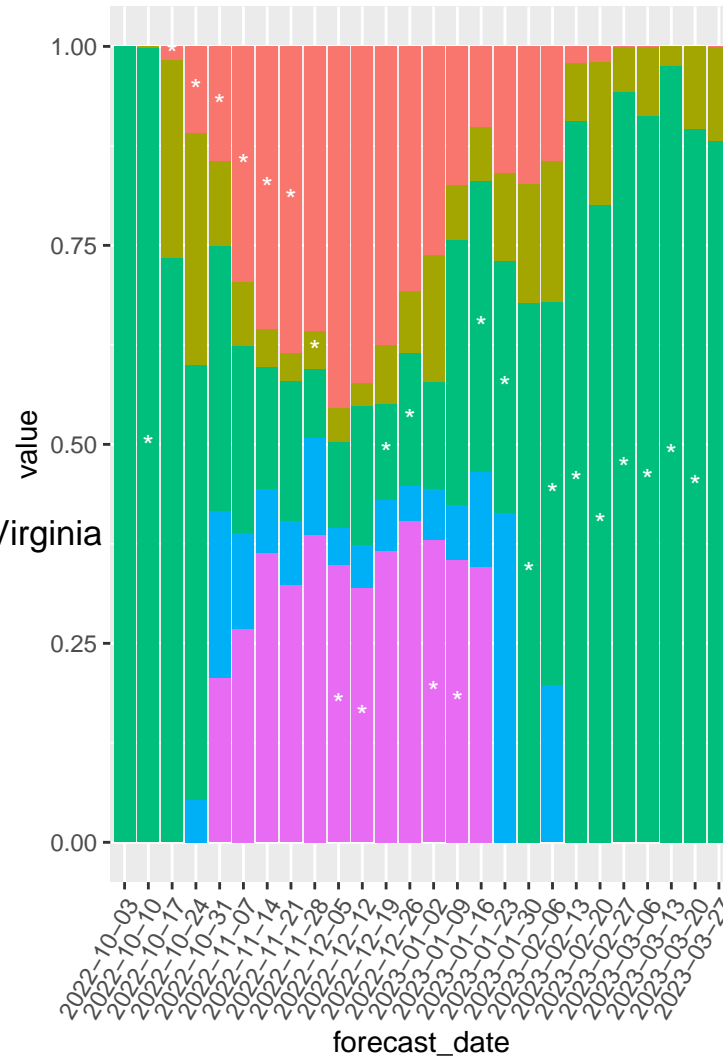
Rates:  
1/100k= 18  
2/100k= 36



### Experimental target:

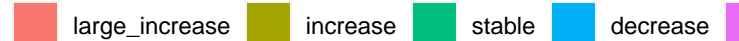
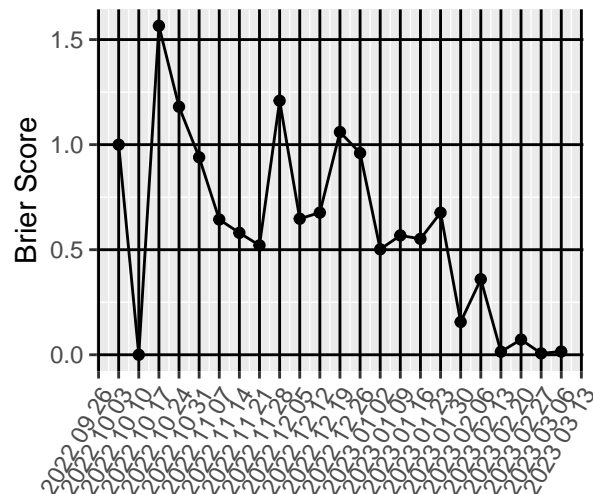
UMass-trends\_ensemble

Target for 2 weeks post forecast date  
(\* indicates truth)



### Evaluation of forecast for West Virginia

Brier Score  
closer to 0 indicates  
better prediction

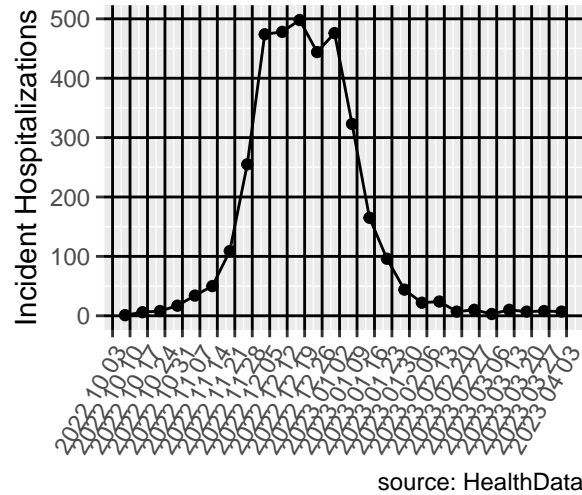


### Truth data for Wisconsin

Rates:

1/100k= 59

2/100k= 118

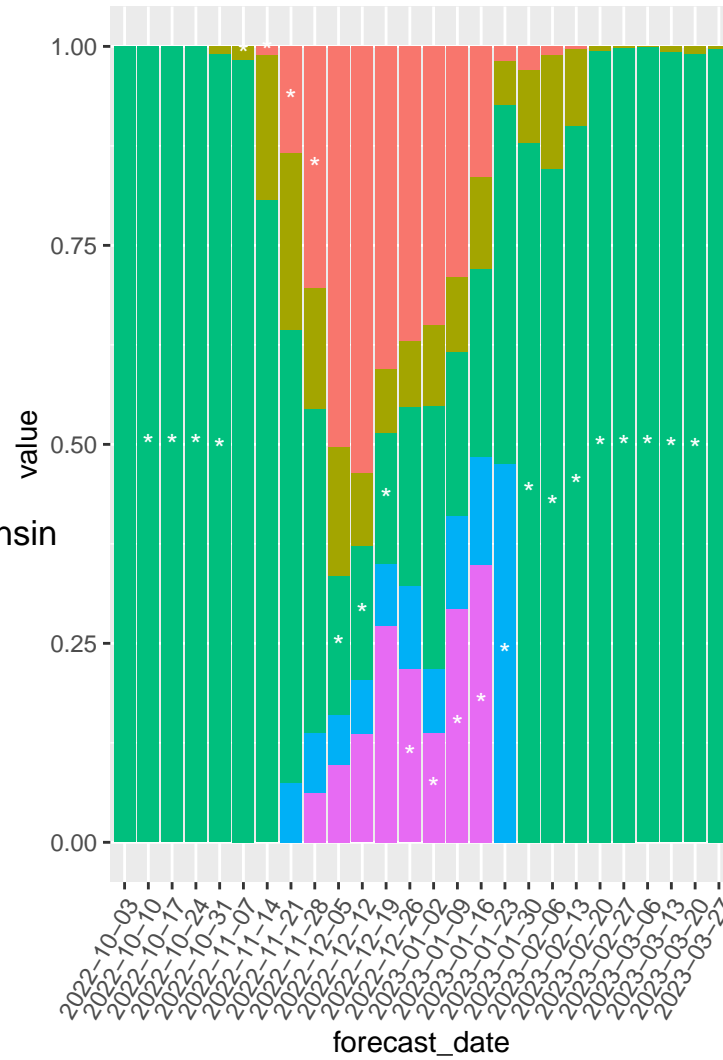


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

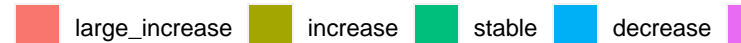
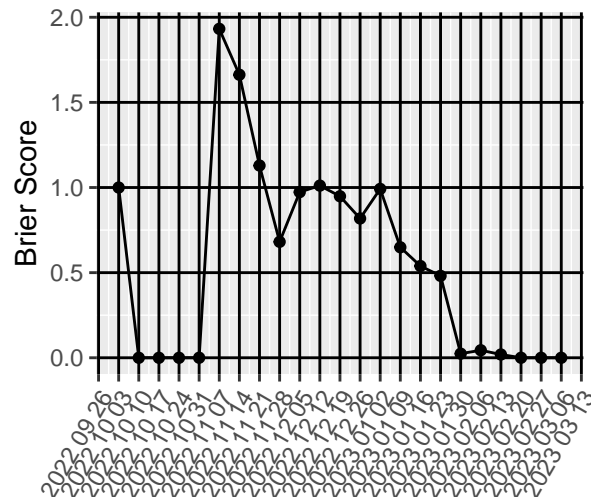
(\* indicates truth)



### Evaluation of forecast for Wisconsin

Brier Score

closer to 0 indicates  
better prediction

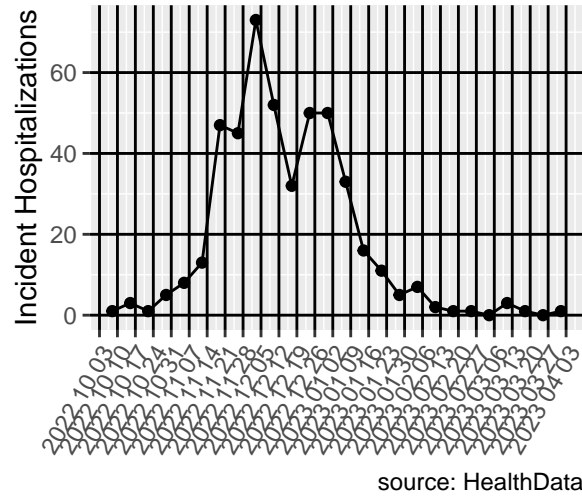


### Truth data for Wyoming

Rates:

1/100k= 6

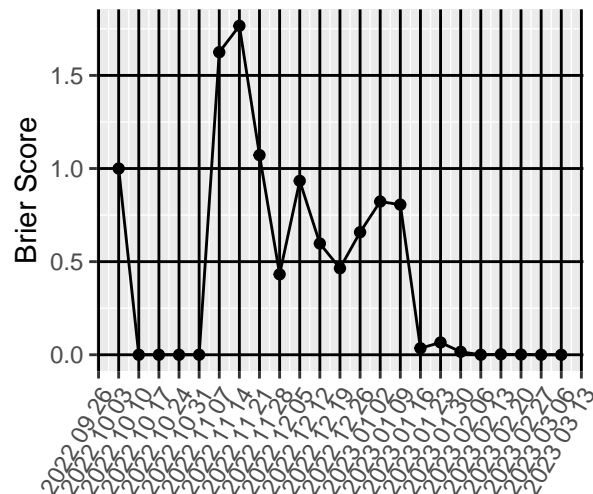
2/100k= 12



### Evaluation of forecast for Wyoming

Brier Score

closer to 0 indicates  
better prediction

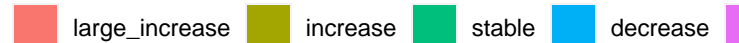
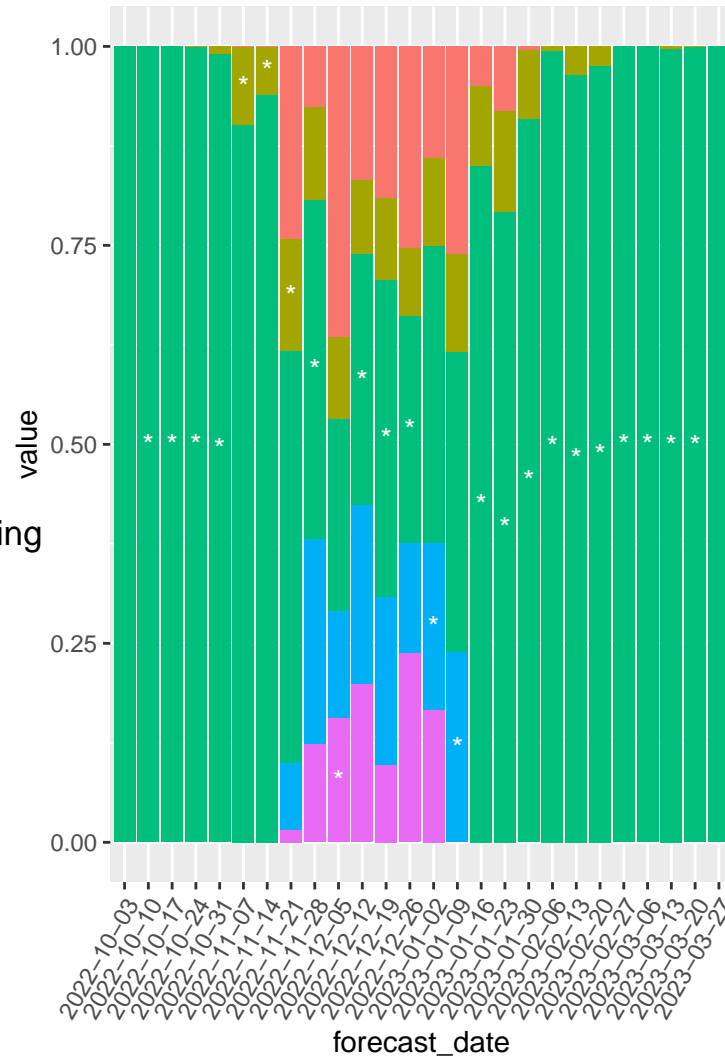


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

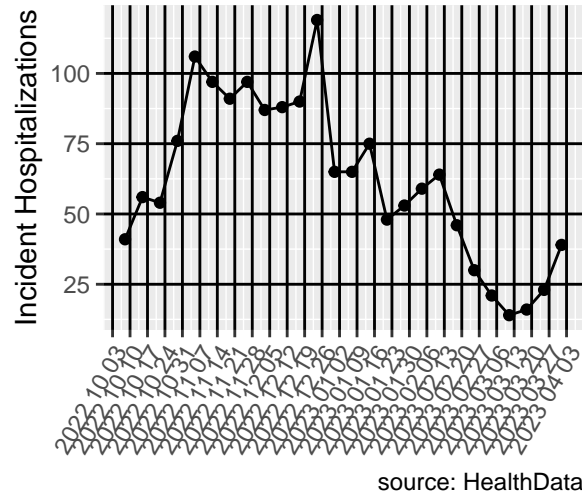


### Truth data for Puerto Rico

Rates:

1/100k= 33

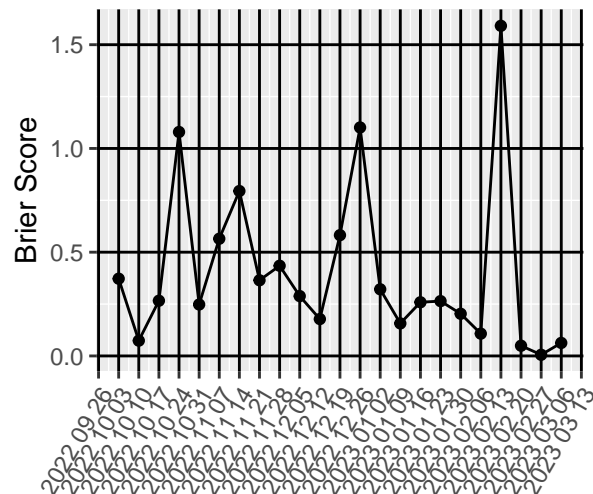
2/100k= 65



### Evaluation of forecast for Puerto Rico

Brier Score

closer to 0 indicates  
better prediction

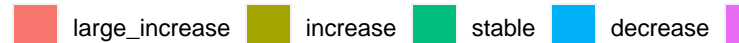
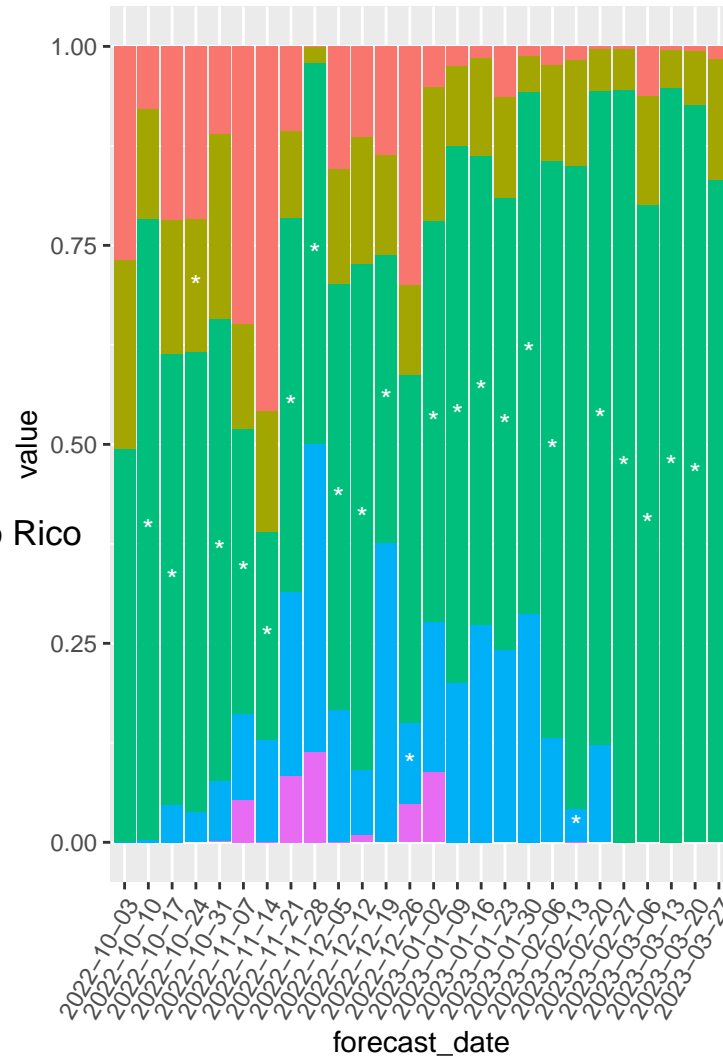


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

(\* indicates truth)

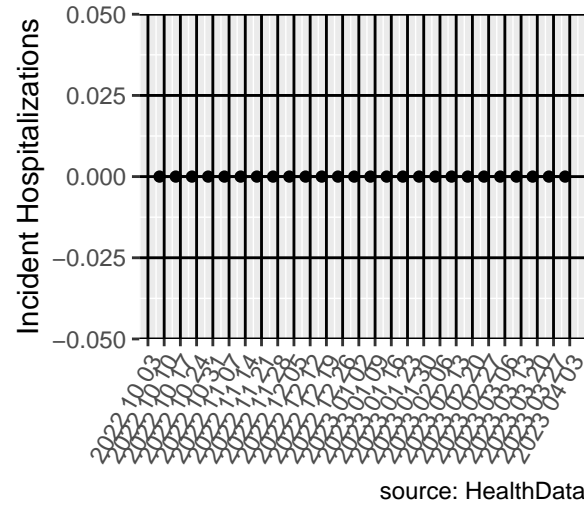


### Truth data for Virgin Islands

Rates:

1/100k= 1

2/100k= 2

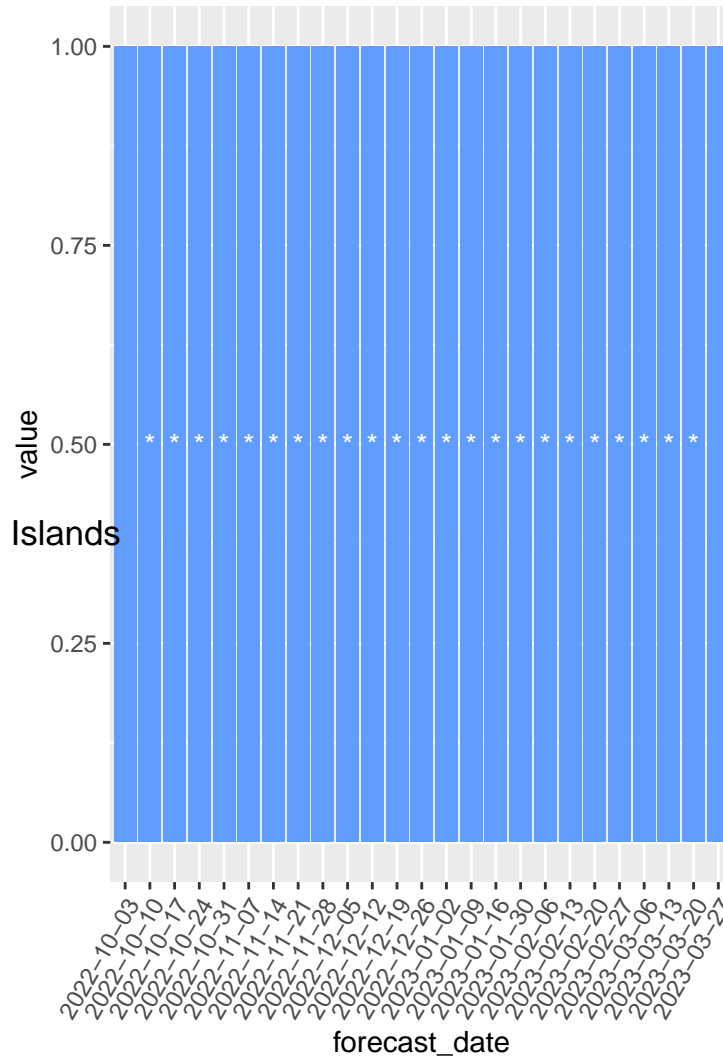


### Experimental target:

UMass-trends\_ensemble

Target for 2 weeks post forecast date

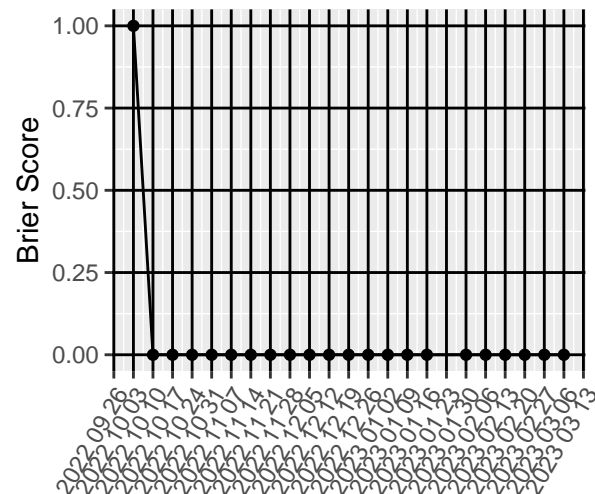
(\* indicates truth)



### Evaluation of forecast for Virgin Islands

Brier Score

closer to 0 indicates  
better prediction



type\_id large\_increase increase stable