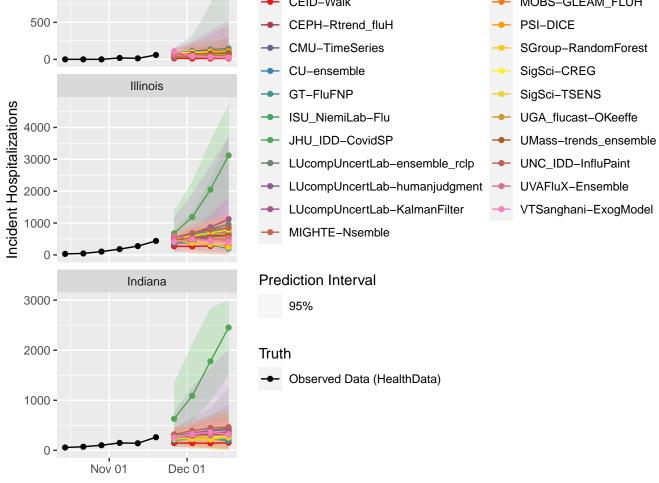
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Alabama, Arizona, Alaska Selected forecast date(s): 2022-11-21 Alabama 1500 -1000 -Model CEID-Walk MOBS-GLEAM\_FLUH 500 -CEPH-Rtrend\_fluH PSI-DICE CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG Alaska GT-FluFNP SigSci-TSENS ncident Hospitalizations ISU NiemiLab-Flu UGA flucast-OKeeffe 200 -JHU IDD-CovidSP UMass-trends ensemble 150 -LUcompUncertLab-ensemble rclp UNC\_IDD-InfluPaint LUcompUncertLab-humanjudgment UVAFluX-Ensemble 100 -LUcompUncertLab-KalmanFilter VTSanghani-ExogModel 50 -MIGHTE-Nsemble Prediction Interval Arizona 3000 -95% 2000 -Truth Observed Data (HealthData) 1000 -Dec 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): California, Arkansas, Colorado Selected forecast date(s): 2022-11-21 Arkansas 1250 -1000 -Model 750 -CADPH-FluCAT Ensemble MOBS-GLEAM FLUH 500 -CEID-Walk NIH-Flu ARIMA 250 -CEPH-Rtrend fluH PSI-DICE CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG California 30000 -Incident Hospitalizations GT-FluFNP SigSci-TSENS UGA\_flucast-OKeeffe ISU\_NiemiLab-Flu JHU\_IDD-CovidSP 20000 -UMass-trends\_ensemble LUcompUncertLab-ensemble\_rclp UNC\_IDD-InfluPaint LUcompUncertLab-humanjudgment UVAFluX-Ensemble 10000 -LUcompUncertLab-KalmanFilter VTSanghani-ExogModel MIGHTE-Nsemble Colorado Prediction Interval 2000 -95% 1500 -Truth 1000 -Observed Data (HealthData) 500 -Nov 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Connecticut, District of Columbia, Delaware Selected forecast date(s): 2022-11-21 Connecticut 1200 -900 -Model 600 -CEID-Walk MOBS-GLEAM\_FLUH 300 -CEPH-Rtrend\_fluH NIH-Flu\_ARIMA CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest Delaware GT-FluFNP SigSci-CREG Incident Hospitalizations 600 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe 400 -LUcompUncertLab-ensemble rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint 200 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval District of Columbia 95% 200 -Truth Observed Data (HealthData) 100 -Dec 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Hawaii, Georgia, Florida Selected forecast date(s): 2022-11-21 Florida 4000 -3000 -Model 2000 -CEID-Walk MOBS-GLEAM\_FLUH CEPH-Rtrend\_fluH NIH-Flu\_ARIMA 1000 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest Georgia GT-FluFNP SigSci-CREG Incident Hospitalizations 6000 -ISU\_NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe 4000 -LUcompUncertLab-ensemble rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint 2000 -UVAFluX-Ensemble LUcompUncertLab-KalmanFilter MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Hawaii 500 -95% 400 -Truth 300 -Observed Data (HealthData) 200 -100 -Nov 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Indiana, Illinois, Idaho Selected forecast date(s): 2022-11-21 Idaho 2000 -1500 -Model 1000 -CEID-Walk MOBS-GLEAM\_FLUH 500 -CEPH-Rtrend\_fluH PSI-DICE CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG Illinois GT-FluFNP SigSci-TSENS ISU\_NiemiLab-Flu UGA flucast-OKeeffe 4000 -JHU IDD-CovidSP UMass-trends ensemble 3000 -LUcompUncertLab-ensemble\_rclp UNC\_IDD-InfluPaint LUcompUncertLab-humanjudgment UVAFluX-Ensemble



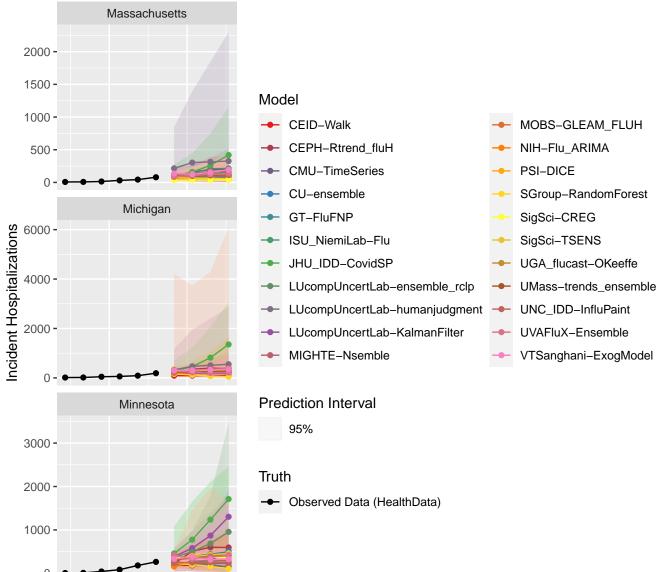
Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Kansas, Iowa, Kentucky Selected forecast date(s): 2022-11-21 Iowa 1000 -750 -Model 500 -CEID-Walk MOBS-GLEAM\_FLUH 250 -CEPH-Rtrend\_fluH PSI-DICE CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG Kansas GT-FluFNP SigSci-TSENS ncident Hospitalizations ISU\_NiemiLab-Flu UGA flucast-OKeeffe 900 -JHU IDD-CovidSP UMass-trends ensemble LUcompUncertLab-ensemble rclp UNC\_IDD-InfluPaint 600 -LUcompUncertLab-humanjudgment UVAFluX-Ensemble LUcompUncertLab-KalmanFilter VTSanghani-ExogModel 300 -MIGHTE-Nsemble Prediction Interval Kentucky 95% 3000 -Truth 2000 -Observed Data (HealthData) 1000 -Dec 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Louisiana, Maryland, Maine Selected forecast date(s): 2022-11-21 Louisiana 1500 -1000 -Model CEID-Walk MOBS-GLEAM\_FLUH 500 -CEPH-Rtrend fluH NIH-Flu\_ARIMA PSI-DICE CMU-TimeSeries CU-ensemble SGroup-RandomForest Maine GT-FluFNP SigSci-CREG ncident Hospitalizations 400 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe 300 -LUcompUncertLab-ensemble rclp UMass-trends ensemble 200 -LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 100 -MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Maryland 12500 -95% 10000 -Truth 7500 -Observed Data (HealthData) 5000 -2500 -Nov 01 Dec 01

## Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Minnesota, Michigan, Massachusetts

Selected forecast date(s): 2022–11–21

Nov 01



Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Montana, Missouri, Mississippi Selected forecast date(s): 2022-11-21 Mississippi 1000 -750 -Model 500 -CEID-Walk MOBS-GLEAM\_FLUH 250 -CEPH-Rtrend\_fluH PSI-DICE CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG Missouri GT-FluFNP SigSci-TSENS Incident Hospitalizations 2000 -ISU NiemiLab-Flu UGA flucast-OKeeffe JHU IDD-CovidSP UMass-trends ensemble 1500 **-**LUcompUncertLab-ensemble rclp UNC\_IDD-InfluPaint 1000 -LUcompUncertLab-humanjudgment UVAFluX-Ensemble LUcompUncertLab-KalmanFilter VTSanghani-ExogModel 500 -MIGHTE-Nsemble Prediction Interval Montana 95% 300 -Truth 200 -Observed Data (HealthData) 100 -Nov 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Nevada, Nebraska, New Hampshire Selected forecast date(s): 2022-11-21 Nebraska 600 -400 -Model CEID-Walk MOBS-GLEAM FLUH 200 -CEPH-Rtrend\_fluH PSI-DICE CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG Nevada GT-FluFNP SigSci-TSENS ncident Hospitalizations ISU NiemiLab-Flu UGA flucast-OKeeffe JHU IDD-CovidSP UMass-trends ensemble 000 -LUcompUncertLab-ensemble rclp UNC\_IDD-InfluPaint LUcompUncertLab-humanjudgment UVAFluX-Ensemble 500 -LUcompUncertLab-KalmanFilter VTSanghani-ExogModel MIGHTE-Nsemble Prediction Interval New Hampshire 95% 300 -Truth 200 -Observed Data (HealthData) 100 -Dec 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): New Jersey, New Mexico, New York Selected forecast date(s): 2022-11-21 **New Jersey** 3000 -Model 2000 -CEID-Walk MOBS-GLEAM\_FLUH 1000 -CEPH-Rtrend fluH NIH-Flu\_ARIMA PSI-DICE CMU-TimeSeries CU-ensemble SGroup-RandomForest New Mexico GT-FluFNP SigSci-CREG ncident Hospitalizations 2000 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe 1500 -LUcompUncertLab-ensemble rclp UMass-trends ensemble 1000 -LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 500 -MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval New York 95% 10000 -Truth Observed Data (HealthData) 5000 -Nov 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): North Carolina, North Dakota, Ohio Selected forecast date(s): 2022-11-21 North Carolina 4000 -3000 -Model 2000 -CEID-Walk MOBS-GLEAM\_FLUH 1000 -CEPH-Rtrend fluH NIH-Flu\_ARIMA PSI-DICE CMU-TimeSeries CU-ensemble SGroup-RandomForest North Dakota GT-FluFNP SigSci-CREG 250 ncident Hospitalizations ISU NiemiLab-Flu SigSci-TSENS 200 -JHU IDD-CovidSP UGA flucast-OKeeffe 150 -LUcompUncertLab-ensemble rclp UMass-trends ensemble LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint 100 -LUcompUncertLab-KalmanFilter UVAFluX-Ensemble 50 -MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Ohio 12000 -95% 9000 -Truth 6000 -Observed Data (HealthData) 3000 -Nov 01 Dec 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Oklahoma, Oregon, Pennsylvania Selected forecast date(s): 2022-11-21 Oklahoma 1500 -1000 -Model CEID-Walk MOBS-GLEAM\_FLUH 500 -CEPH-Rtrend\_fluH NIH-Flu\_ARIMA PSI-DICE CMU-TimeSeries CU-ensemble SGroup-RandomForest Oregon GT-FluFNP SigSci-CREG Incident Hospitalizations 2000 -ISU NiemiLab-Flu SigSci-TSENS JHU IDD-CovidSP UGA flucast-OKeeffe 1500 -LUcompUncertLab-ensemble rclp UMass-trends ensemble 1000 -LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint UVAFluX-Ensemble LUcompUncertLab-KalmanFilter 500 -MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Pennsylvania 5000 -95% 4000 -Truth 3000 -Observed Data (HealthData)

2000 -

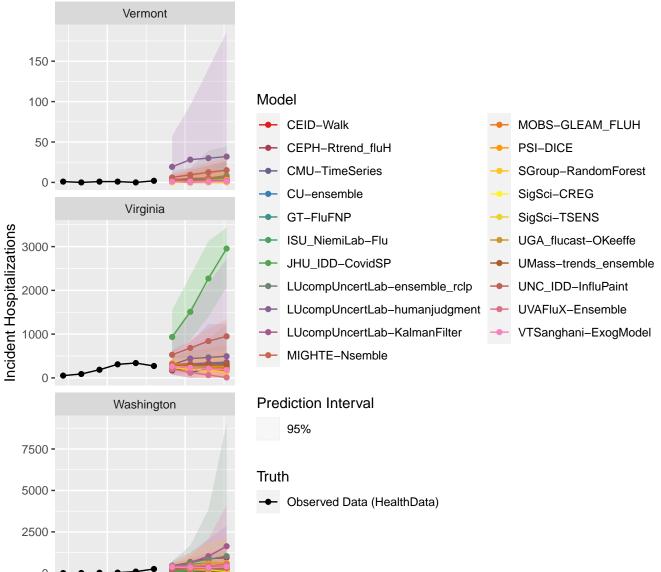
1000 -

Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Rhode Island, South Carolina, South Dakota Selected forecast date(s): 2022-11-21 Rhode Island 300 -200 -Model CEID-Walk MOBS-GLEAM\_FLUH 100 -CEPH-Rtrend\_fluH PSI-DICE CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG South Carolina GT-FluFNP SigSci-TSENS ncident Hospitalizations ISU\_NiemiLab-Flu UGA flucast-OKeeffe 1500 -JHU IDD-CovidSP UMass-trends ensemble LUcompUncertLab-ensemble rclp UNC\_IDD-InfluPaint 1000 -LUcompUncertLab-humanjudgment UVAFluX-Ensemble LUcompUncertLab-KalmanFilter VTSanghani-ExogModel 500 -MIGHTE-Nsemble Prediction Interval South Dakota 95% 300 -Truth 200 -Observed Data (HealthData) 100 -Dec 01 Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Texas, Tennessee, Utah Selected forecast date(s): 2022-11-21 Tennessee 5000 -4000 -3000 -Model 2000 -CEID-Walk MOBS-GLEAM\_FLUH CEPH-Rtrend fluH NIH-Flu\_ARIMA 1000 -CMU-TimeSeries PSI-DICE CU-ensemble SGroup-RandomForest Texas GT-FluFNP SigSci-CREG 10000 -Incident Hospitalizations ISU NiemiLab-Flu SigSci-TSENS 7500 -JHU IDD-CovidSP UGA flucast-OKeeffe LUcompUncertLab-ensemble rclp UMass-trends ensemble 5000 -LUcompUncertLab-humanjudgment UNC\_IDD-InfluPaint UVAFluX-Ensemble LUcompUncertLab-KalmanFilter 2500 -MIGHTE-Nsemble VTSanghani-ExogModel Prediction Interval Utah 95% 900 -Truth 600 -Observed Data (HealthData) 300 -Dec 01 Nov 01

## Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Washington, Virginia, Vermont Selected forecast date(s): 2022–11–21



Nov 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): West Virginia, Wisconsin, Wyoming Selected forecast date(s): 2022-11-21 West Virginia 750 -Model 500 -CEID-Walk MOBS-GLEAM\_FLUH 250 -CEPH-Rtrend fluH PSI-DICE CMU-TimeSeries SGroup-RandomForest CU-ensemble SigSci-CREG Wisconsin GT-FluFNP SigSci-TSENS ncident Hospitalizations ISU NiemiLab-Flu UGA flucast-OKeeffe 1500 -JHU IDD-CovidSP UMass-trends ensemble LUcompUncertLab-ensemble rclp 000 -UNC\_IDD-InfluPaint LUcompUncertLab-humanjudgment UVAFluX-Ensemble LUcompUncertLab-KalmanFilter 500 -VTSanghani-ExogModel MIGHTE-Nsemble Prediction Interval Wyoming 8000 -95% 6000 -Truth 4000 -Observed Data (HealthData) 2000 -

Nov 01

## Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Puerto Rico, Virgin Islands, United States

Selected forecast date(s): 2022–11–21

Puerto Rico

