Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Alabama, Arizona, Alaska Selected forecast date(s): 2022-02-14 Prediction Interval Alabama 95% 300 Truth 200 -Observed Data (HealthData) 100 -Model CEID-Walk 0 -CMU-TimeSeries Alaska CU-ensemble Incident Hospitalizations 80 -GH-Flusight GT-FluFNP 60 -IEM\_Health-FluProject 40 -JHUAPL-Gecko LosAlamos NAU-CModel Flu 20 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Arizona PSI-DICE 600 -SGroup-RandomForest

Mar 01

400 -

200 -

0

Feb 01

SGroup-SlkJalpha

UMass-trends\_ensemble UT\_FluCast-Voltaire

\/TConghon: EvenMedel

UVAFluX-Ensemble

SigSci-CREG SigSci-TSENS

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Arkansas, California, Colorado Selected forecast date(s): 2022-02-14 Prediction Interval Arkansas 95% 200 -Truth 150 -Observed Data (HealthData) 100 -Model 50 CEID-Walk 0 -CMU-TimeSeries California CU-ensemble 800 -Incident Hospitalizations GH-Flusight GT-FluFNP 600 -IEM\_Health-FluProject 400 -JHUAPL-Gecko LosAlamos NAU-CModel Flu 200 **-**LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Colorado PSI-DICE 400 -SGroup-RandomForest SGroup-SlkJalpha 300 -SigSci-CREG 200 -SigSci-TSENS UMass-trends\_ensemble 100 -

Mar 01

0

Feb 01

UT\_FluCast-Voltaire

UVAFluX-Ensemble

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Connecticut, District of Columbia, Delaware Selected forecast date(s): 2022-02-14 Prediction Interval Connecticut 95% Truth 400 -Observed Data (HealthData) 200 -Model CEID-Walk 0 CMU-TimeSeries Delaware CU-ensemble ncident Hospitalizations GH-Flusight 60 -GT-FluFNP IEM\_Health-FluProject 40 -JHUAPL-Gecko LosAlamos NAU-CModel Flu 20 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH District of Columbia PSI-DICE SGroup-RandomForest 75 -SGroup-SlkJalpha SigSci-CREG 50 -SigSci-TSENS 25 -UMass-trends ensemble UT\_FluCast-Voltaire UVAFluX-Ensemble Feb 01 Mar 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Hawaii, Georgia, Florida Selected forecast date(s): 2022-02-14 Prediction Interval Florida 95% 500 -400 -Truth Observed Data (HealthData) 300 -200 -Model 100 -CEID-Walk 0 -CMU-TimeSeries Georgia CU-ensemble Incident Hospitalizations GH-Flusight GT-FluFNP 400 **-**IEM\_Health-FluProject JHUAPL-Gecko 200 **-**LosAlamos NAU-CModel Flu LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Hawaii PSI-DICE 200 -SGroup-RandomForest 150 -SGroup-SlkJalpha SigSci-CREG 100 -SigSci-TSENS UMass-trends\_ensemble 50 -UT\_FluCast-Voltaire 0

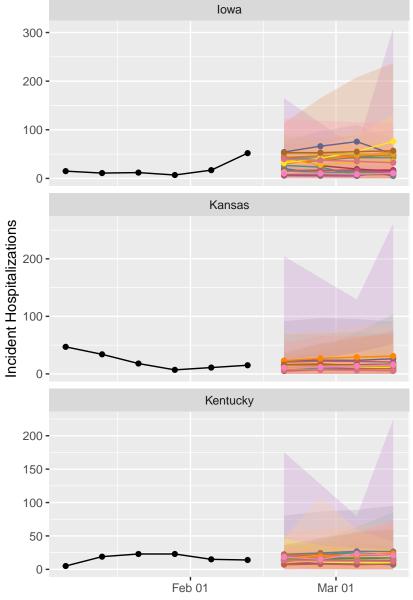
Mar 01

Feb 01

UVAFluX-Ensemble

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Indiana, Illinois, Idaho Selected forecast date(s): 2022-02-14 Prediction Interval Idaho 95% 100 -Truth Observed Data (HealthData) 50 -Model CEID-Walk 0 -CMU-TimeSeries Illinois CU-ensemble Incident Hospitalizations GH-Flusight 1500 -GT-FluFNP IEM\_Health-FluProject 1000 -JHUAPL-Gecko LosAlamos\_NAU-CModel\_Flu 500 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Indiana PSI-DICE 600 -SGroup-RandomForest SGroup-SlkJalpha 400 -SigSci-CREG SigSci-TSENS 200 -UMass-trends\_ensemble UT\_FluCast-Voltaire 0 -UVAFluX-Ensemble Feb 01 Mar 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Kansas, Iowa, Kentucky Selected forecast date(s): 2022-02-14 Prediction Interval



Truth

95%

Model

CEID-Walk

CMU-TimeSeries

CU-ensemble

Observed Data (HealthData)

GH-Flusight

GT-FluFNP IEM\_Health-FluProject

JHUAPL-Gecko

LosAlamos NAU-CModel Flu

LUcompUncertLab-humanjudgment

LUcompUncertLab-TEVA MOBS-GLEAM FLUH

PSI-DICE

SGroup-RandomForest

SGroup-SlkJalpha

SigSci-CREG

SigSci-TSENS

UMass-trends ensemble

UT\_FluCast-Voltaire

UVAFluX-Ensemble

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Louisiana, Maryland, Maine Selected forecast date(s): 2022-02-14 Prediction Interval Louisiana 95% 300 -Truth 200 -Observed Data (HealthData) 100 -Model CEID-Walk 0 -CMU-TimeSeries Maine CU-ensemble Incident Hospitalizations GH-Flusight 150 **-**GT-FluFNP IEM\_Health-FluProject 00 -JHUAPL-Gecko LosAlamos NAU-CModel Flu 50 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Maryland 150 -PSI-DICE SGroup-RandomForest SGroup-SlkJalpha 100 -SigSci-CREG SigSci-TSENS 50 -UMass-trends\_ensemble UT\_FluCast-Voltaire 0 UVAFluX-Ensemble Feb 01 Mar 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Minnesota, Michigan, Massachusetts Selected forecast date(s): 2022-02-14 Prediction Interval Massachusetts 95% 750 -Truth Observed Data (HealthData) 500 -250 -Model CEID-Walk 0 CMU-TimeSeries Michigan CU-ensemble Incident Hospitalizations GH-Flusight 400 **-**GT-FluFNP 300 -IEM\_Health-FluProject JHUAPL-Gecko 200 -LosAlamos\_NAU-CModel\_Flu 100 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Minnesota PSI-DICE 600 -SGroup-RandomForest SGroup-SlkJalpha 400 -SigSci-CREG SigSci-TSENS 200 -UMass-trends\_ensemble UT\_FluCast-Voltaire 0 -

Mar 01

Feb 01

UVAFluX-Ensemble

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Montana, Missouri, Mississippi Selected forecast date(s): 2022-02-14 Prediction Interval Mississippi 95% Truth 200 -Observed Data (HealthData) 100 -Model CEID-Walk 0 -CMU-TimeSeries Missouri CU-ensemble 500 **-**Incident Hospitalizations GH-Flusight 400 -GT-FluFNP IEM\_Health-FluProject 300 -JHUAPL-Gecko 200 -LosAlamos NAU-CModel Flu 100 LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Montana PSI-DICE 150 -SGroup-RandomForest SGroup-SlkJalpha 100 -SigSci-CREG SigSci-TSENS 50 -UMass-trends ensemble UT\_FluCast-Voltaire 0 -UVAFluX-Ensemble

Mar 01

\/TConghon: EvenMedel

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Nevada, Nebraska, New Hampshire Selected forecast date(s): 2022-02-14 Prediction Interval Nebraska 95% 250 -200 -Truth 150 -Observed Data (HealthData) 100 -Model 50 -CEID-Walk 0 -CMU-TimeSeries Nevada CU-ensemble ncident Hospitalizations GH-Flusight 150 **-**GT-FluFNP IEM\_Health-FluProject 00 -JHUAPL-Gecko LosAlamos NAU-CModel Flu 50 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH New Hampshire PSI-DICE SGroup-RandomForest 90 -SGroup-SlkJalpha SigSci-CREG 60 -SigSci-TSENS 30 -UMass-trends ensemble UT\_FluCast-Voltaire 0 UVAFluX-Ensemble Mar 01

V/TConghoni EvogModel

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): New Jersey, New Mexico, New York Selected forecast date(s): 2022-02-14 Prediction Interval **New Jersey** 95% 600 -Truth 400 -Observed Data (HealthData) 200 -Model CEID-Walk 0 -CMU-TimeSeries New Mexico CU-ensemble Incident Hospitalizations GH-Flusight 300 -GT-FluFNP IEM\_Health-FluProject 200 -JHUAPL-Gecko LosAlamos\_NAU-CModel\_Flu 100 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH New York PSI-DICE 500 -SGroup-RandomForest 400 -SGroup-SlkJalpha 300 -SigSci-CREG SigSci-TSENS 200 -UMass-trends ensemble 100 -UT\_FluCast-Voltaire

Mar 01

UVAFluX-Ensemble

V/TConghoni EvenMedel

0

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): North Carolina, North Dakota, Ohio Selected forecast date(s): 2022-02-14 Prediction Interval North Carolina 95% 900 -Truth Observed Data (HealthData) 600 -Model 300 -CEID-Walk 0 CMU-TimeSeries North Dakota CU-ensemble 100 -Incident Hospitalizations GH-Flusight GT-FluFNP 75 -IEM\_Health-FluProject 50 -JHUAPL-Gecko LosAlamos NAU-CModel Flu 25 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 -MOBS-GLEAM FLUH Ohio PSI-DICE 2000 -SGroup-RandomForest 1500 -SGroup-SlkJalpha SigSci-CREG 1000 -SigSci-TSENS 500 -UMass-trends ensemble UT\_FluCast-Voltaire 0 UVAFluX-Ensemble Mar 01 Feb 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Oklahoma, Oregon, Pennsylvania Selected forecast date(s): 2022-02-14 Prediction Interval Oklahoma 95% 400 -Truth 300 -Observed Data (HealthData) 200 -Model 100 CEID-Walk 0 -CMU-TimeSeries Oregon CU-ensemble Incident Hospitalizations 800 -GH-Flusight GT-FluFNP 600 -IEM\_Health-FluProject 400 -JHUAPL-Gecko LosAlamos NAU-CModel Flu 200 **-**LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Pennsylvania PSI-DICE SGroup-RandomForest 600 -SGroup-SlkJalpha SigSci-CREG 400 -SigSci-TSENS 200 -UMass-trends ensemble UT\_FluCast-Voltaire 0

Mar 01

Feb 01

UVAFluX-Ensemble

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Rhode Island, South Carolina, South Dakota Selected forecast date(s): 2022-02-14 Prediction Interval Rhode Island 95% 300 -Truth 200 -Observed Data (HealthData) 100 -Model CEID-Walk CMU-TimeSeries South Carolina CU-ensemble 400 ncident Hospitalizations GH-Flusight GT-FluFNP 300 -IEM\_Health-FluProject 200 -JHUAPL-Gecko LosAlamos NAU-CModel Flu 100 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH South Dakota PSI-DICE SGroup-RandomForest 90 -SGroup-SlkJalpha 60 -SigSci-CREG SigSci-TSENS 30 UMass-trends ensemble UT\_FluCast-Voltaire 0 -UVAFluX-Ensemble Feb 01 Mar 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Texas, Tennessee, Utah Selected forecast date(s): 2022-02-14 Prediction Interval Tennessee 95% 300 -Truth 200 -Observed Data (HealthData) 100 -Model CEID-Walk 0 -CMU-TimeSeries Texas CU-ensemble 1000 -Incident Hospitalizations GH-Flusight GT-FluFNP 750 -IEM\_Health-FluProject 500 -JHUAPL-Gecko LosAlamos NAU-CModel Flu 250 -LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 -MOBS-GLEAM FLUH Utah PSI-DICE SGroup-RandomForest 600 -SGroup-SlkJalpha SigSci-CREG 400 -SigSci-TSENS 200 -UMass-trends ensemble UT\_FluCast-Voltaire UVAFluX-Ensemble Mar 01 Feb 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Washington, Virginia, Vermont Selected forecast date(s): 2022-02-14 Prediction Interval Vermont 95% 200 -Truth 150 -Observed Data (HealthData) 100 -Model 50 -CEID-Walk CMU-TimeSeries Virginia CU-ensemble 300 -Incident Hospitalizations GH-Flusight GT-FluFNP 200 -IEM\_Health-FluProject JHUAPL-Gecko 100 -LosAlamos NAU-CModel Flu LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 -MOBS-GLEAM FLUH Washington PSI-DICE SGroup-RandomForest 1000 -SGroup-SlkJalpha SigSci-CREG 500 -SigSci-TSENS UMass-trends ensemble UT\_FluCast-Voltaire UVAFluX-Ensemble Mar 01 Feb 01

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): West Virginia, Wisconsin, Wyoming Selected forecast date(s): 2022-02-14 Prediction Interval West Virginia 95% 125 -100 -Truth 75 **-**Observed Data (HealthData) 50 -Model 25 -CEID-Walk 0 -CMU-TimeSeries Wisconsin CU-ensemble ncident Hospitalizations GH-Flusight 750 **-**GT-FluFNP IEM\_Health-FluProject 500 -JHUAPL-Gecko LosAlamos\_NAU-CModel\_Flu 250 **-**LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Wyoming PSI-DICE SGroup-RandomForest 60 -SGroup-SlkJalpha SigSci-CREG 40 -SigSci-TSENS 20 -UMass-trends\_ensemble UT\_FluCast-Voltaire 0 UVAFluX-Ensemble

Mar 01

V/TConghoni EvogModel

Weekly Influenza Incident Hospitalizations: observed and forecasted Selected location(s): Puerto Rico, Virgin Islands, United States Selected forecast date(s): 2022-02-14 Prediction Interval Puerto Rico 95% 300 -Truth 200 -Observed Data (HealthData) 100 -Model CEID-Walk 0 -CMU-TimeSeries United States CU-ensemble Incident Hospitalizations GH-Flusight GT-FluFNP 10000 -IEM\_Health-FluProject JHUAPL-Gecko 5000 -LosAlamos NAU-CModel Flu LUcompUncertLab-humanjudgment LUcompUncertLab-TEVA 0 MOBS-GLEAM FLUH Virgin Islands PSI-DICE SGroup-RandomForest 15 -SGroup-SlkJalpha SigSci-CREG 10 -SigSci-TSENS 5 -UMass-trends ensemble UT\_FluCast-Voltaire UVAFluX-Ensemble Mar 01 Feb 01