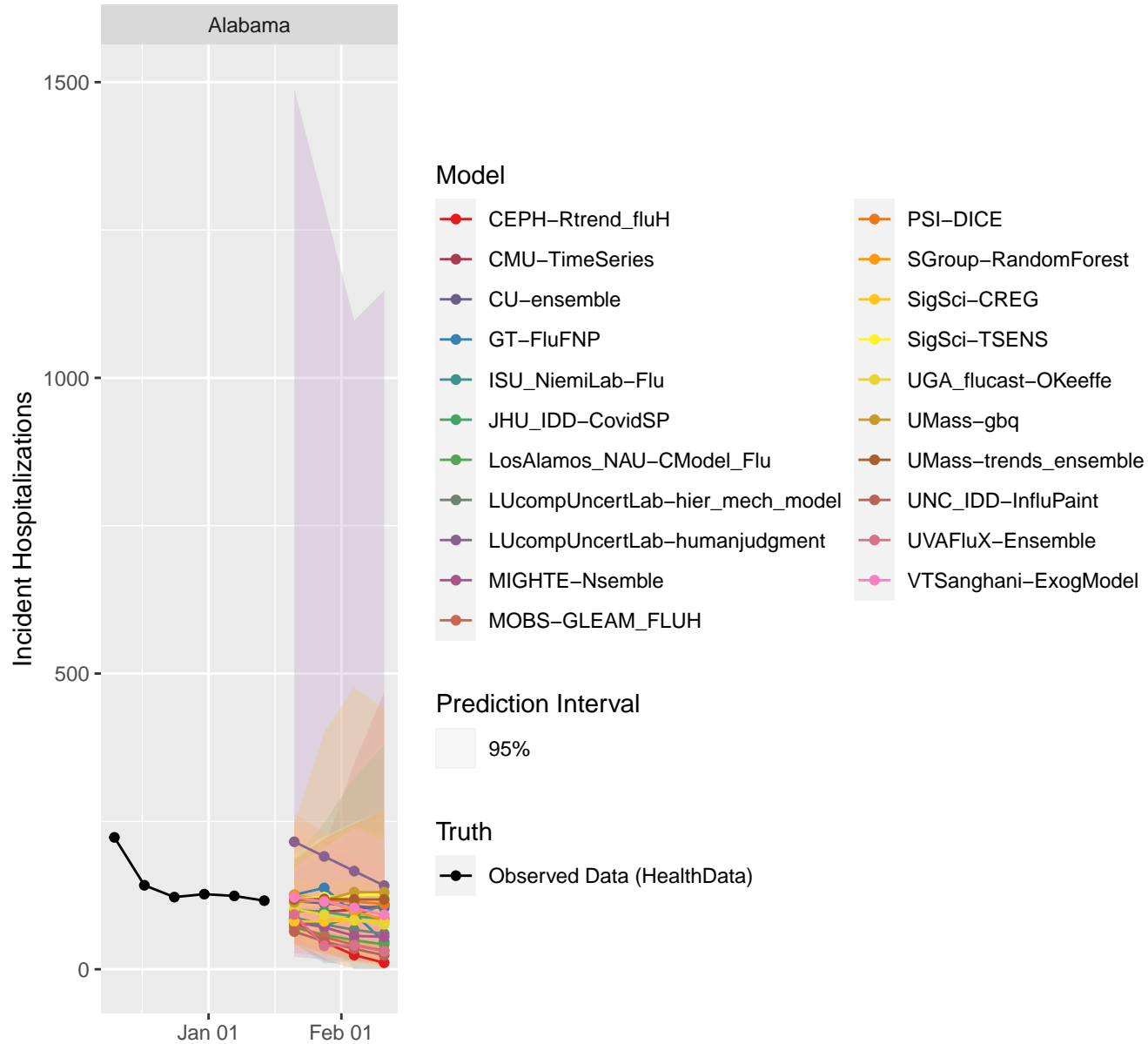# Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Alabama
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Alaska
Selected forecast date(s): 2023–01–16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Arizona
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Arkansas
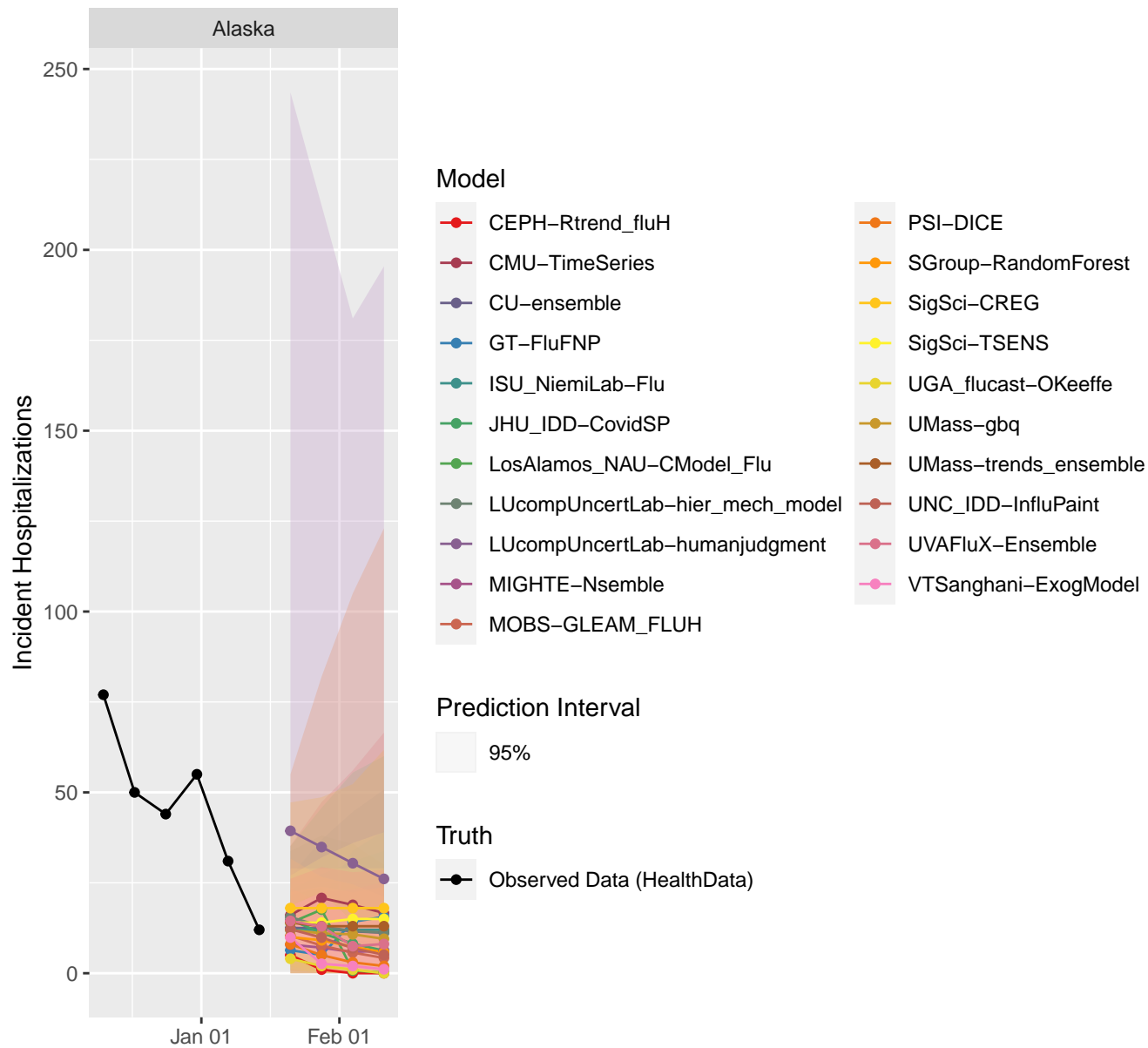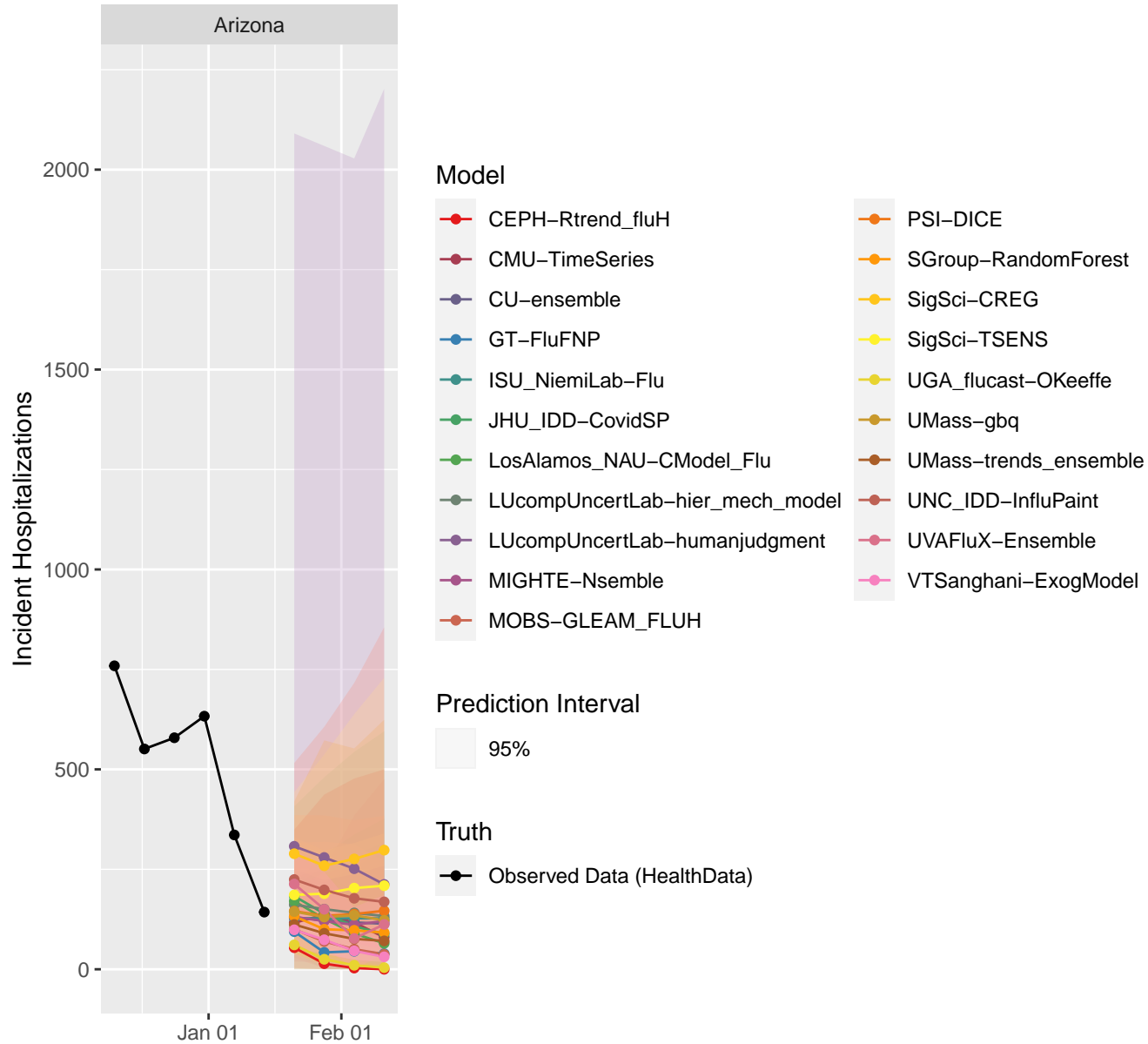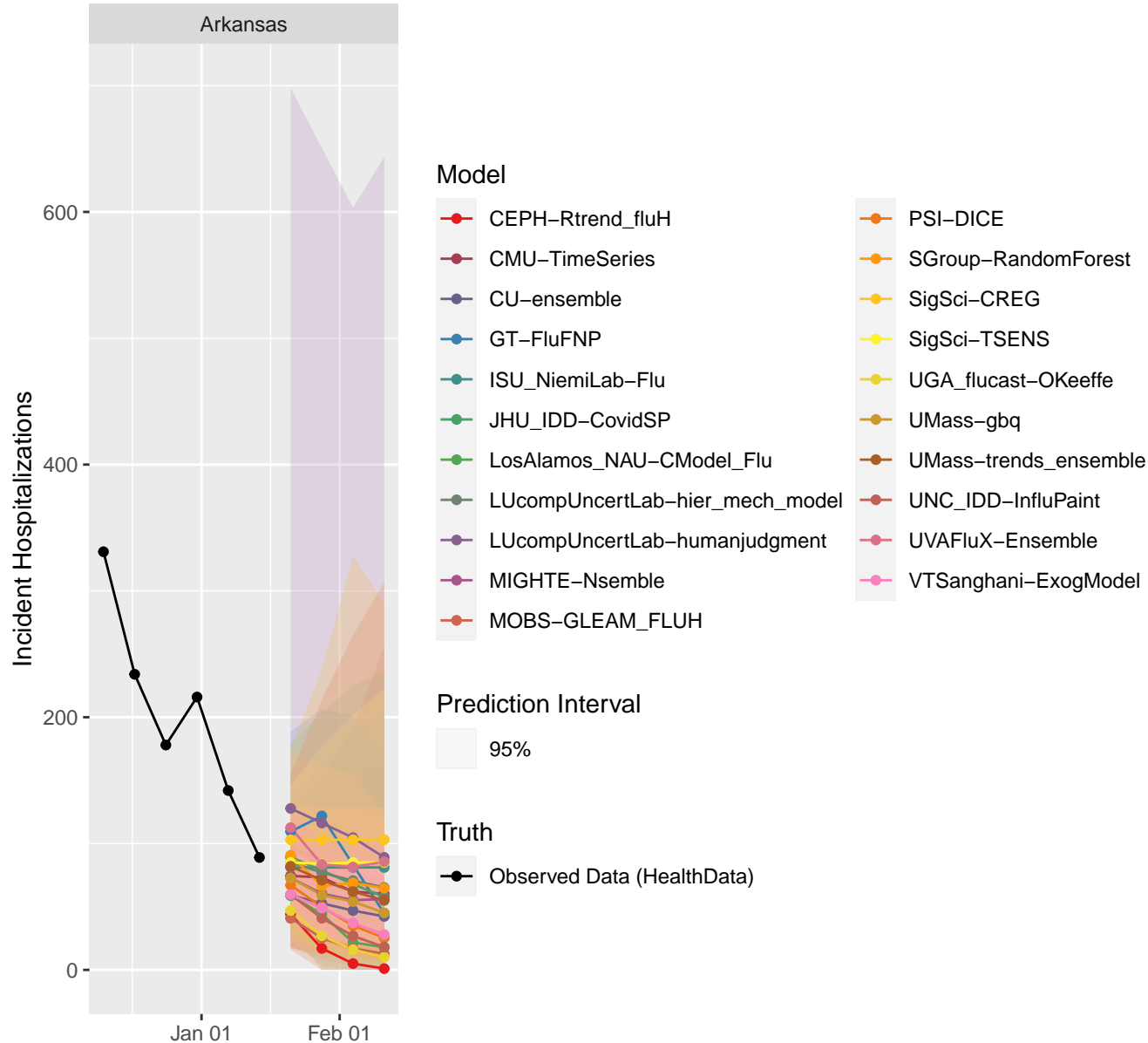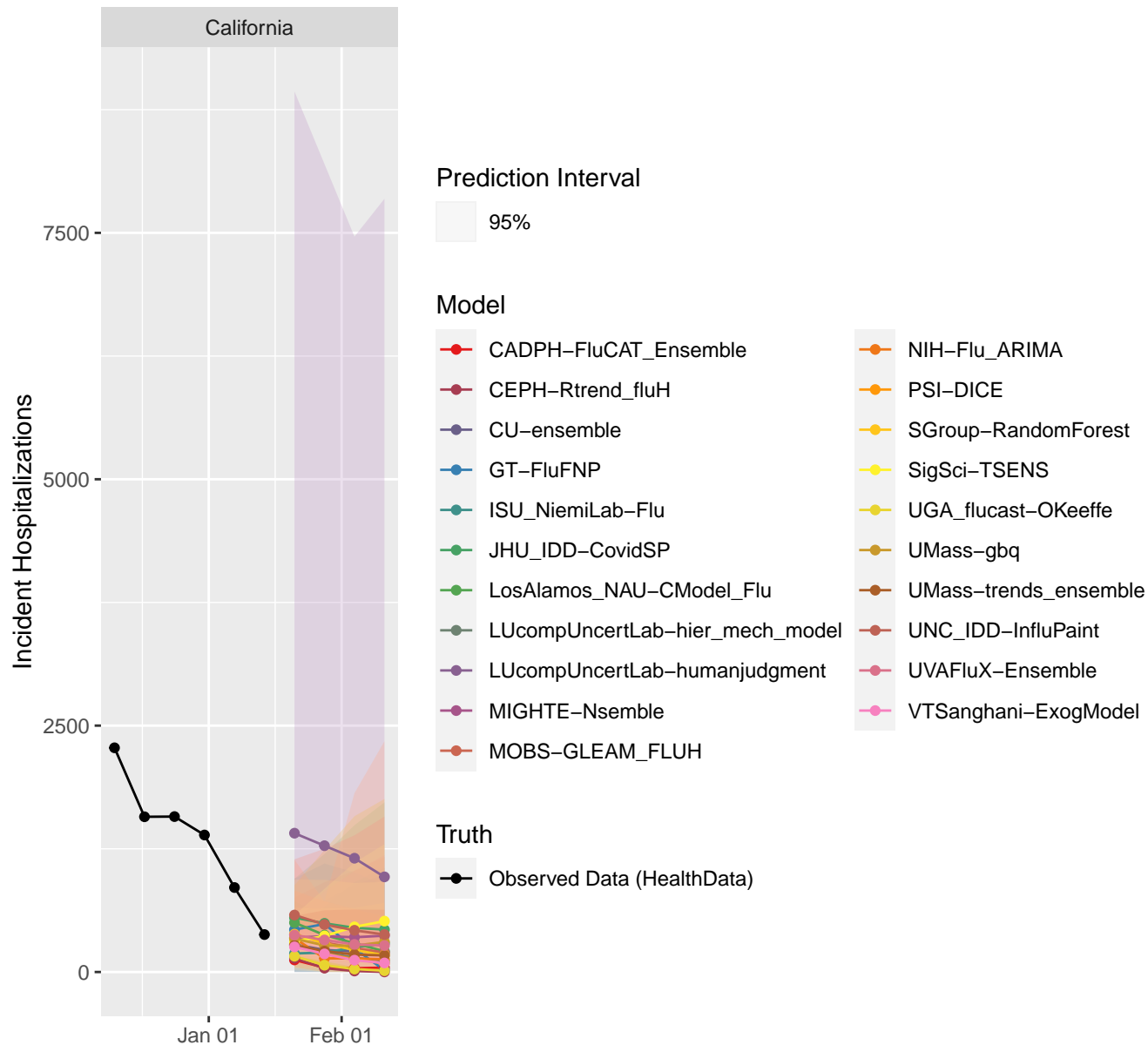Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): California
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Colorado
Selected forecast date(s): 2023−01−16

Prediction Interval

- 95%

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- NIH−Flu_ARIMA
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Truth

- Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Connecticut
Selected forecast date(s): 2023−01−16

Prediction Interval

95%

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- NIH−Flu_ARIMA
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Truth

Observed Data (HealthData)

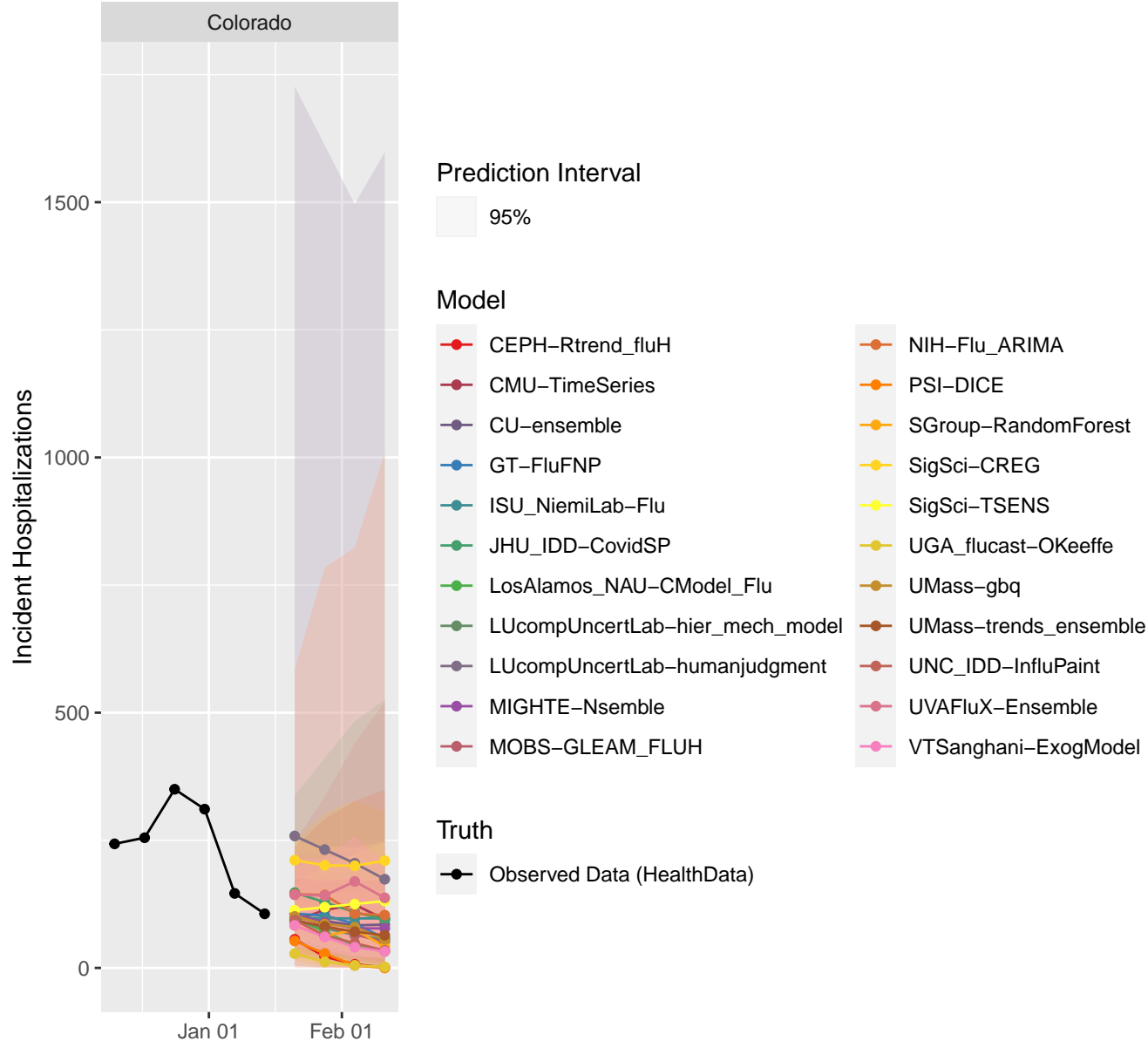# Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Delaware
Selected forecast date(s): 2023–01–16

Weekly Influenza Incident Hospitalizations: observed and forecasted
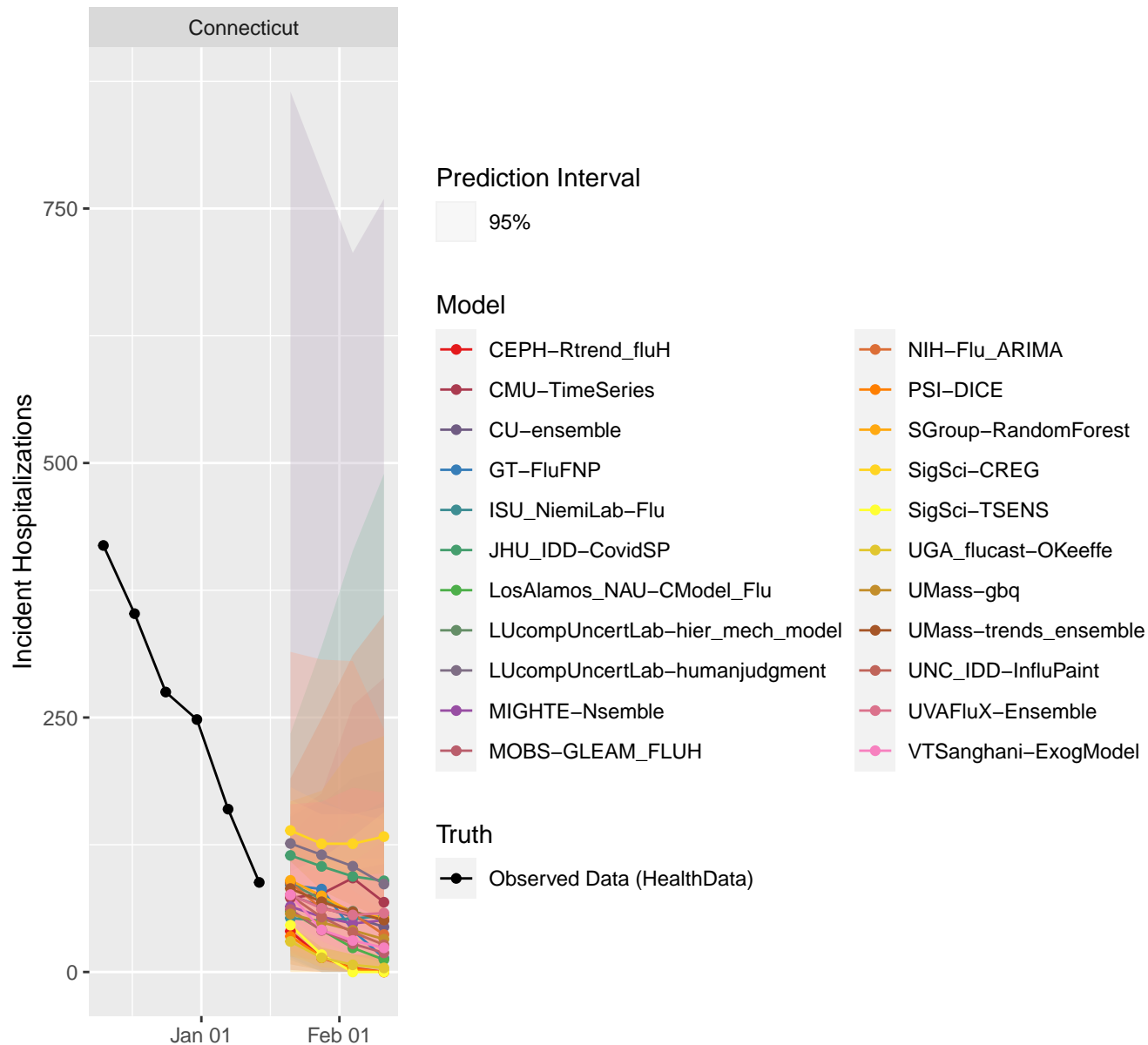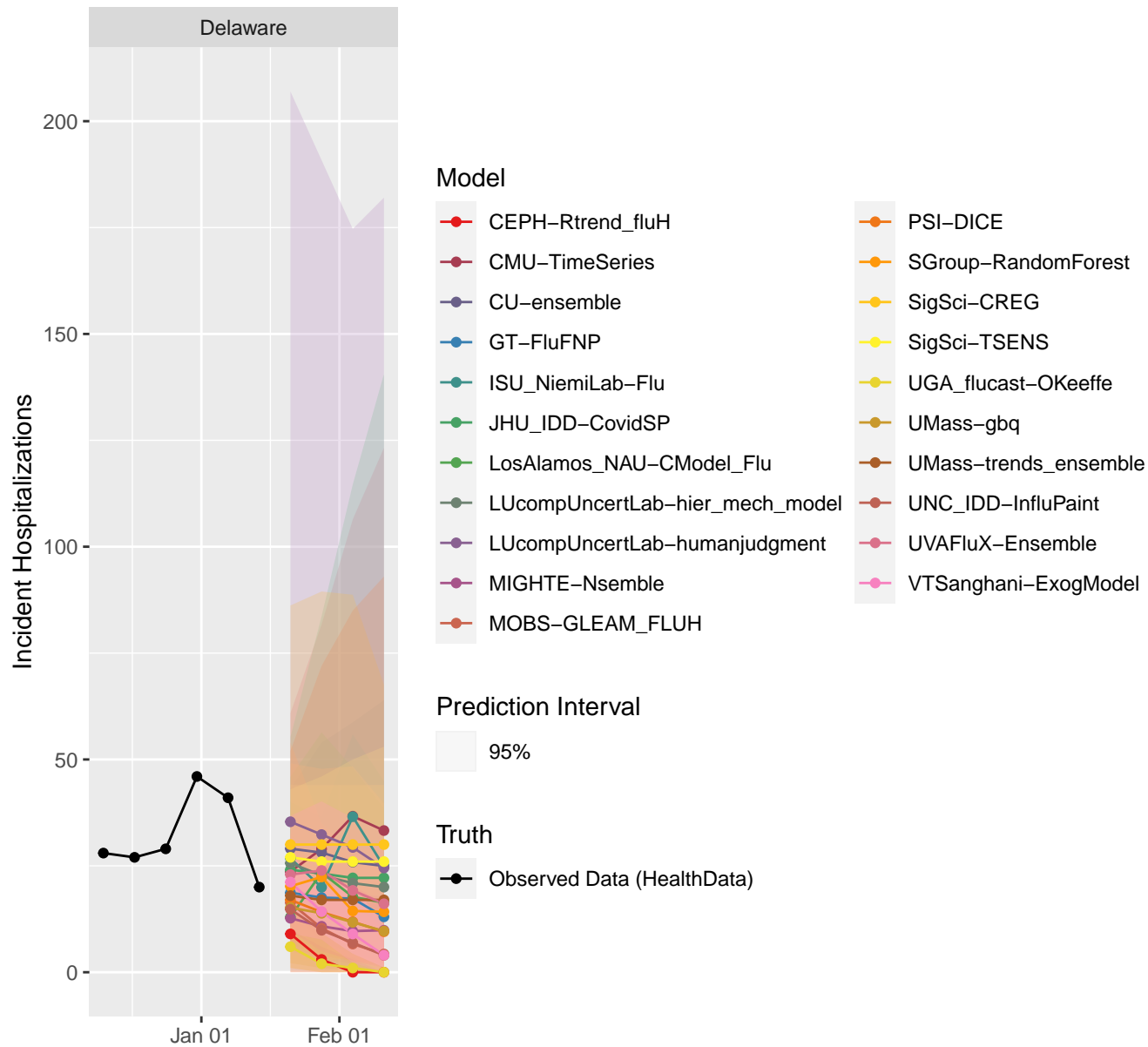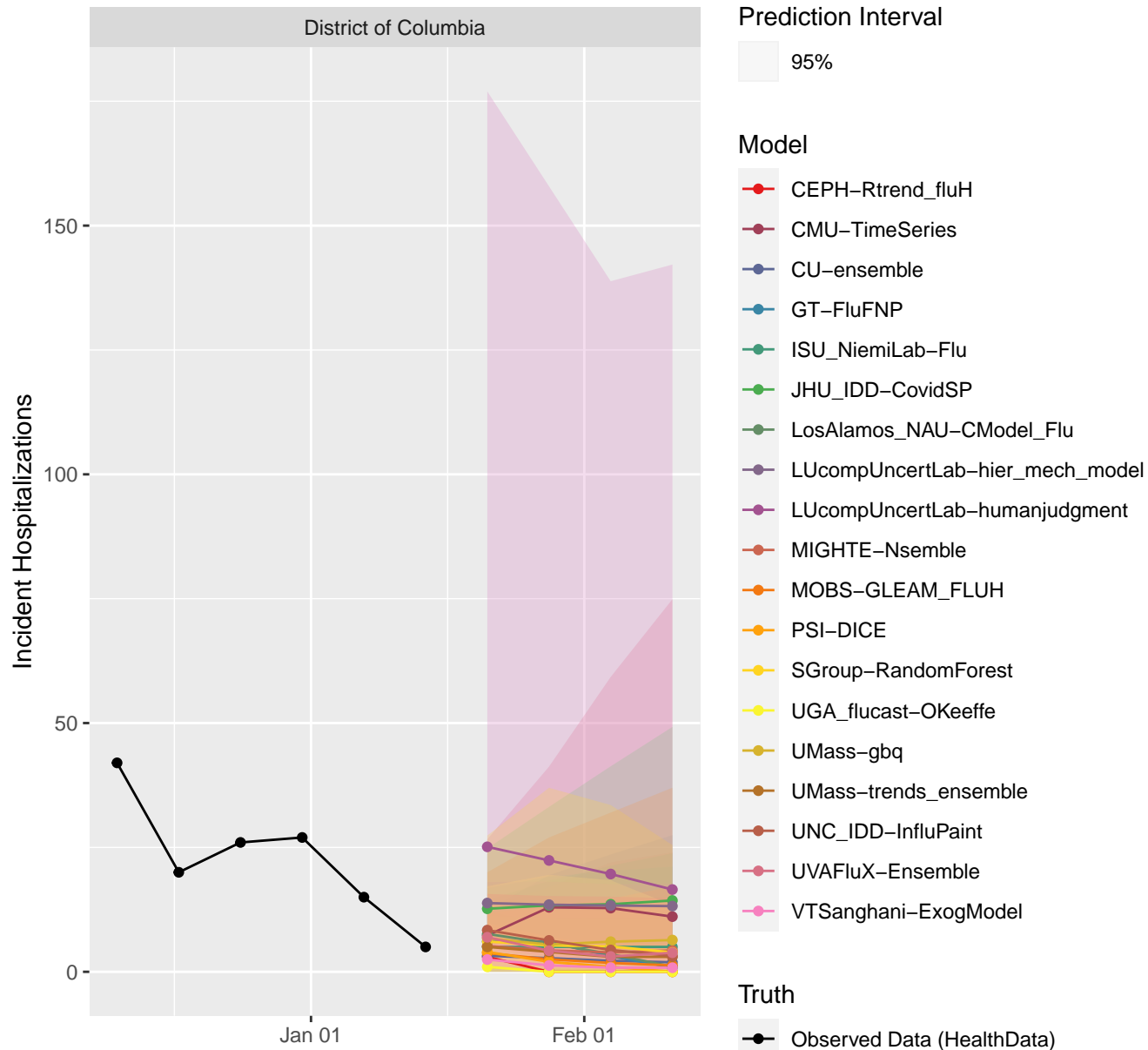
Selected location(s): District of Columbia
Selected forecast date(s): 2023−01−16

Prediction Interval

95%

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Truth

- Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Florida
Selected forecast date(s): 2023−01−16

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
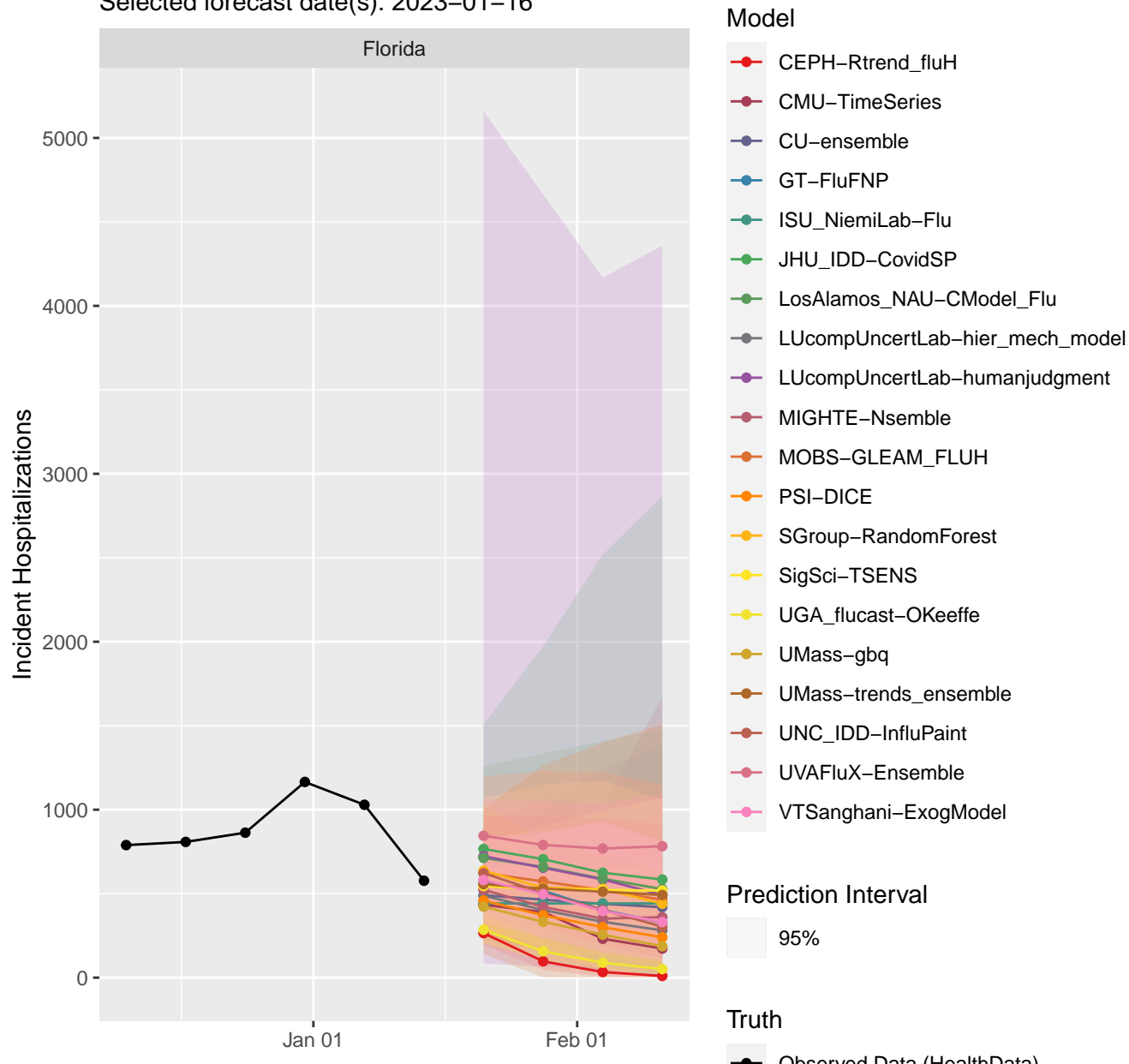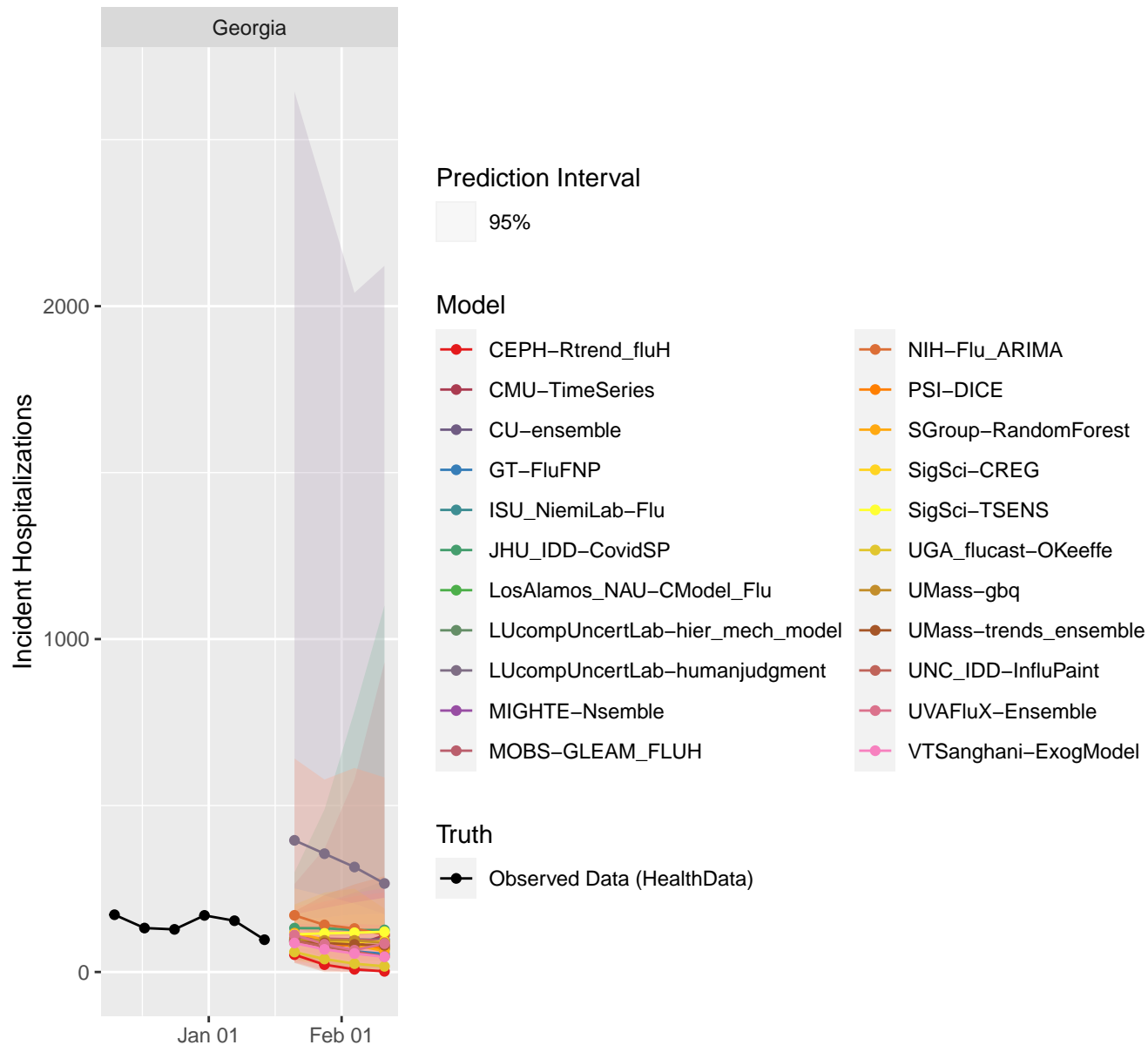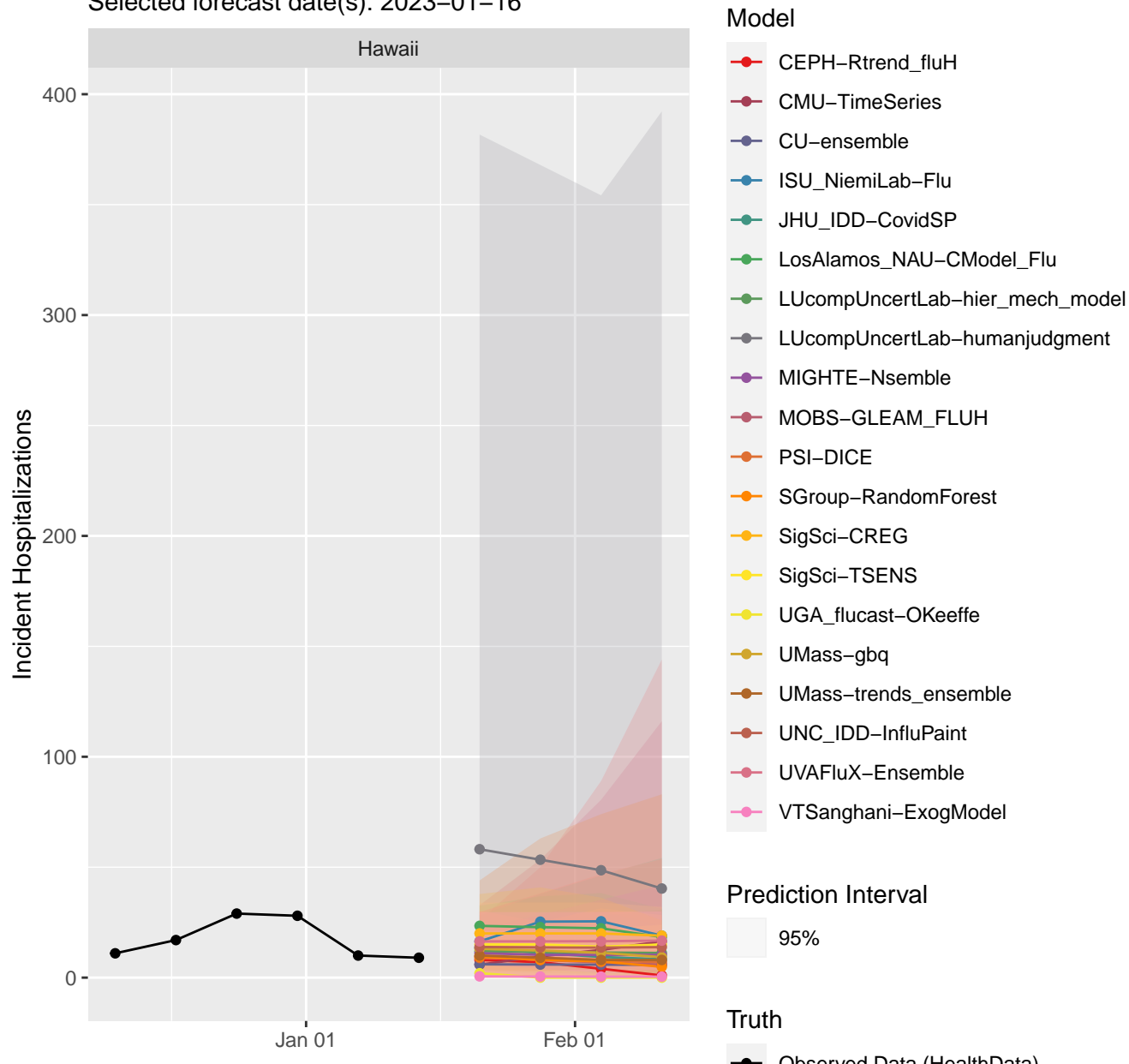
Selected location(s): Georgia
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
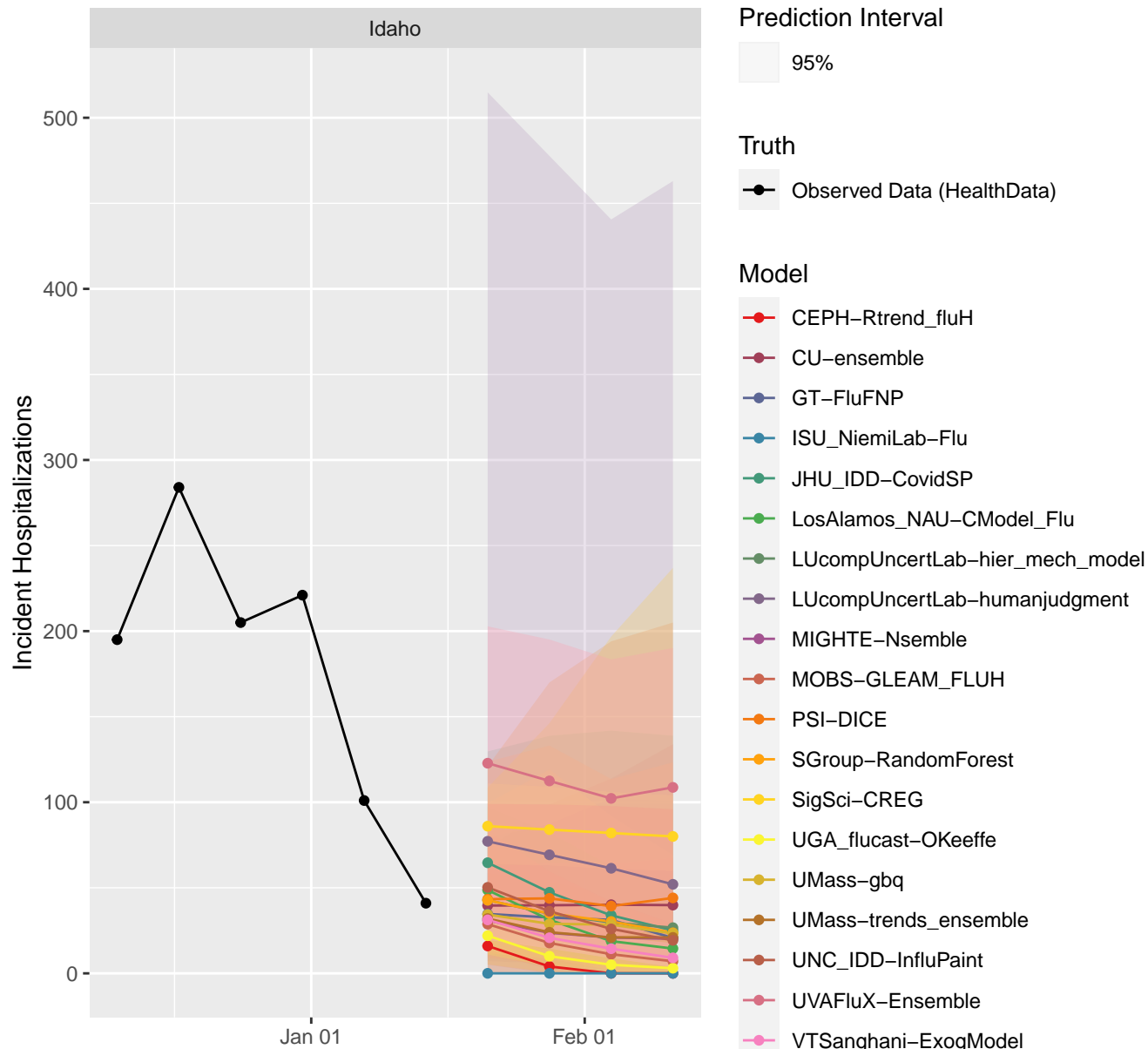
Selected location(s): Hawaii
Selected forecast date(s): 2023−01−16

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
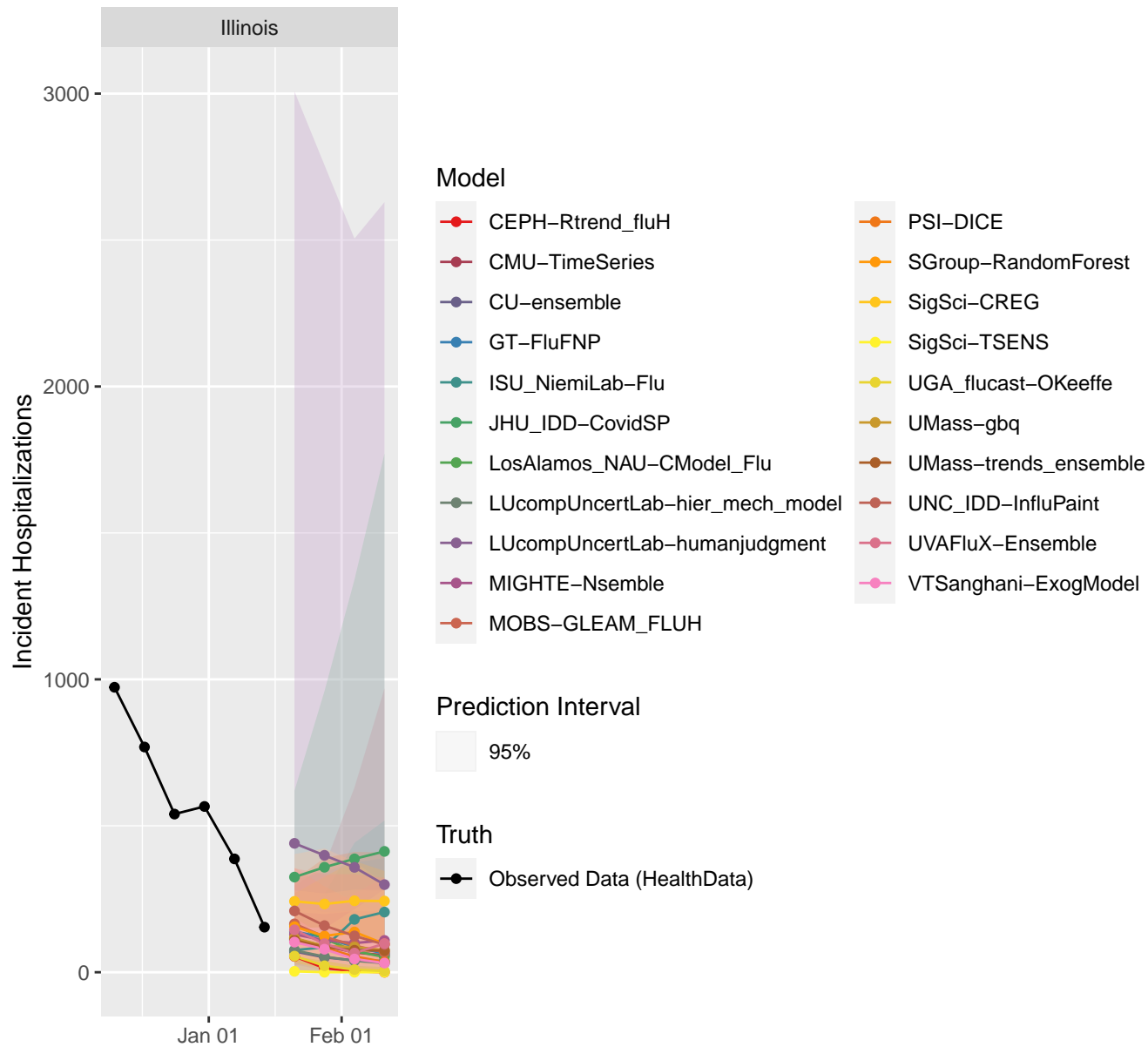
Selected location(s): Idaho
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

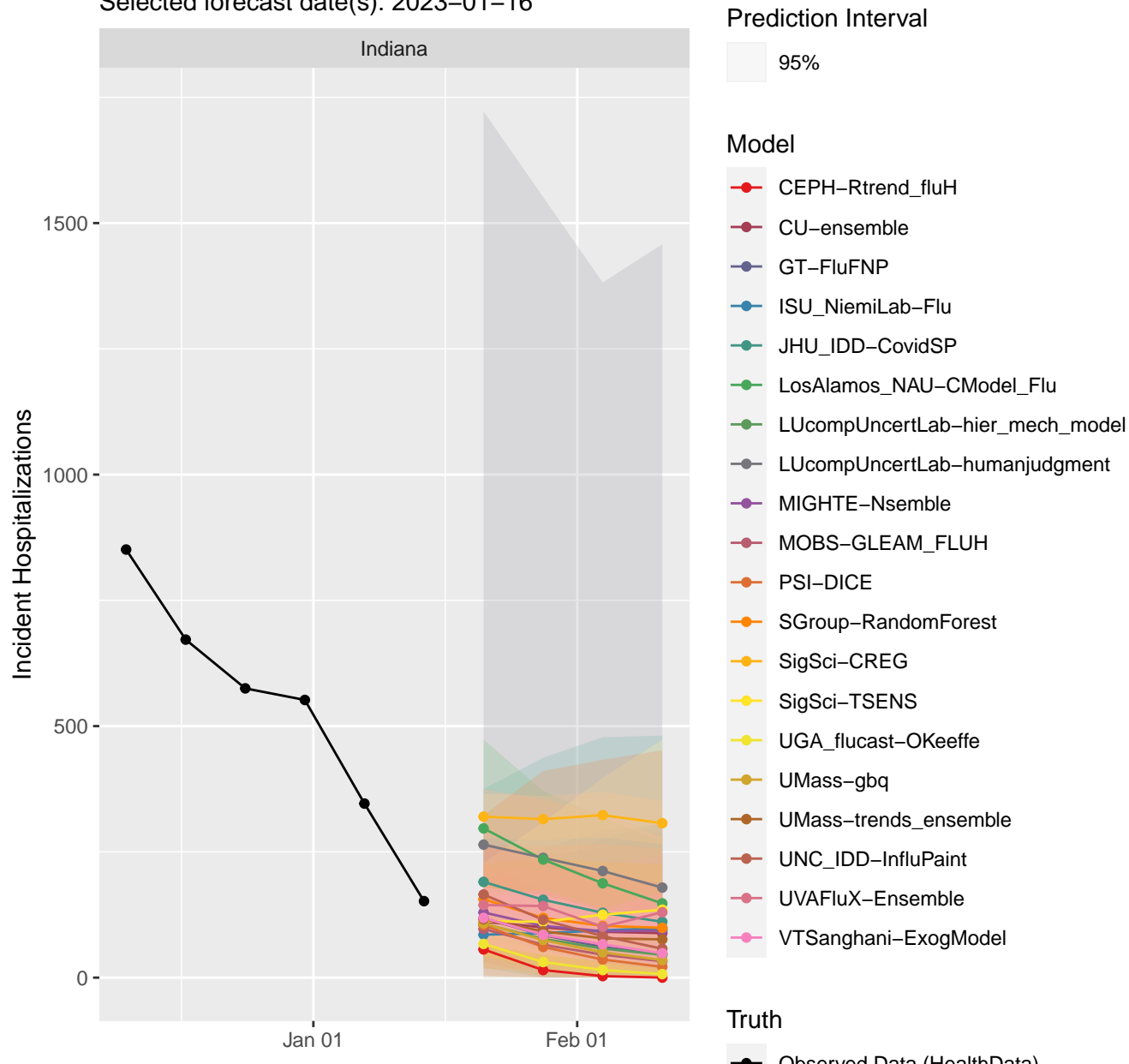Selected location(s): Illinois
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
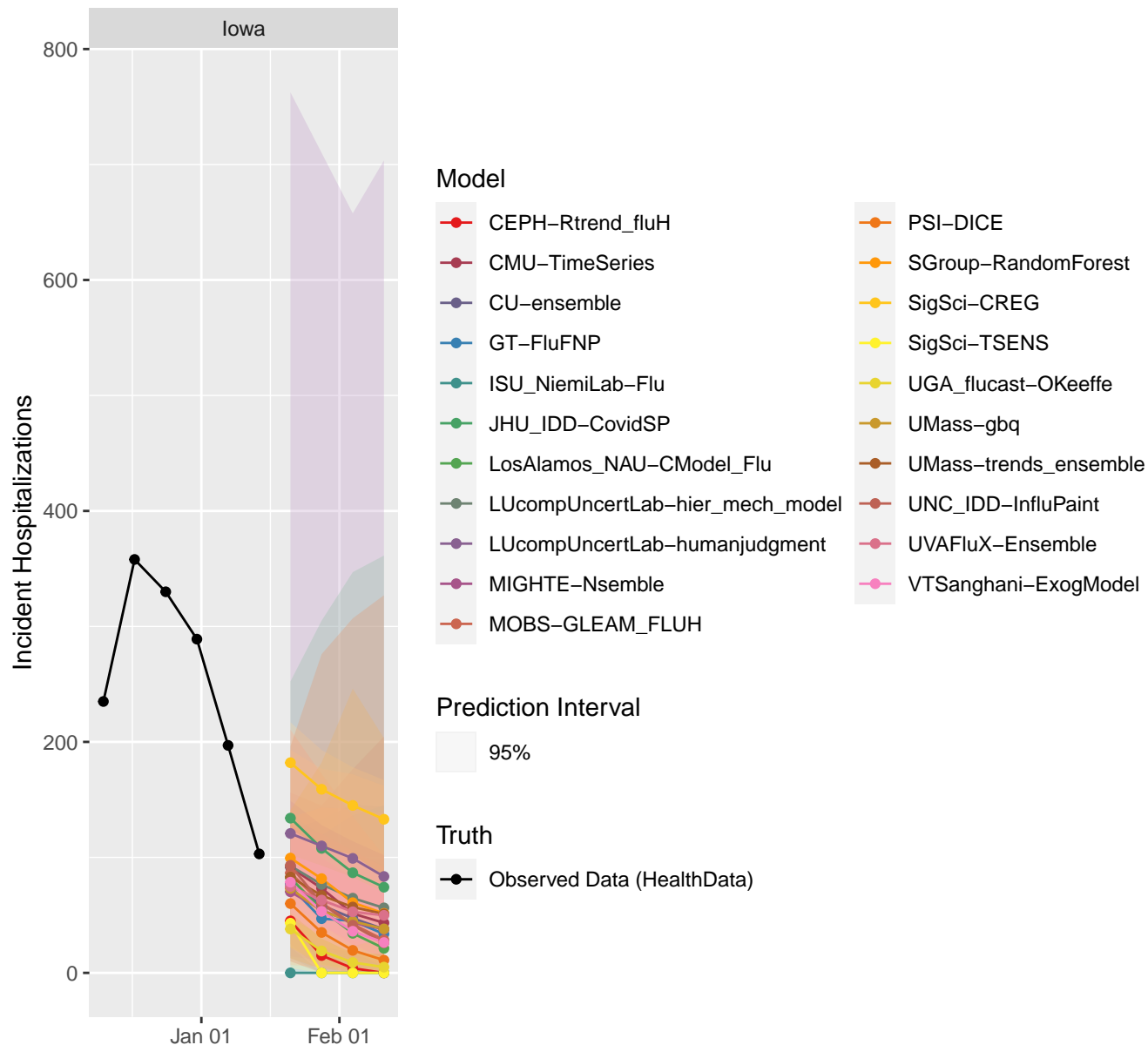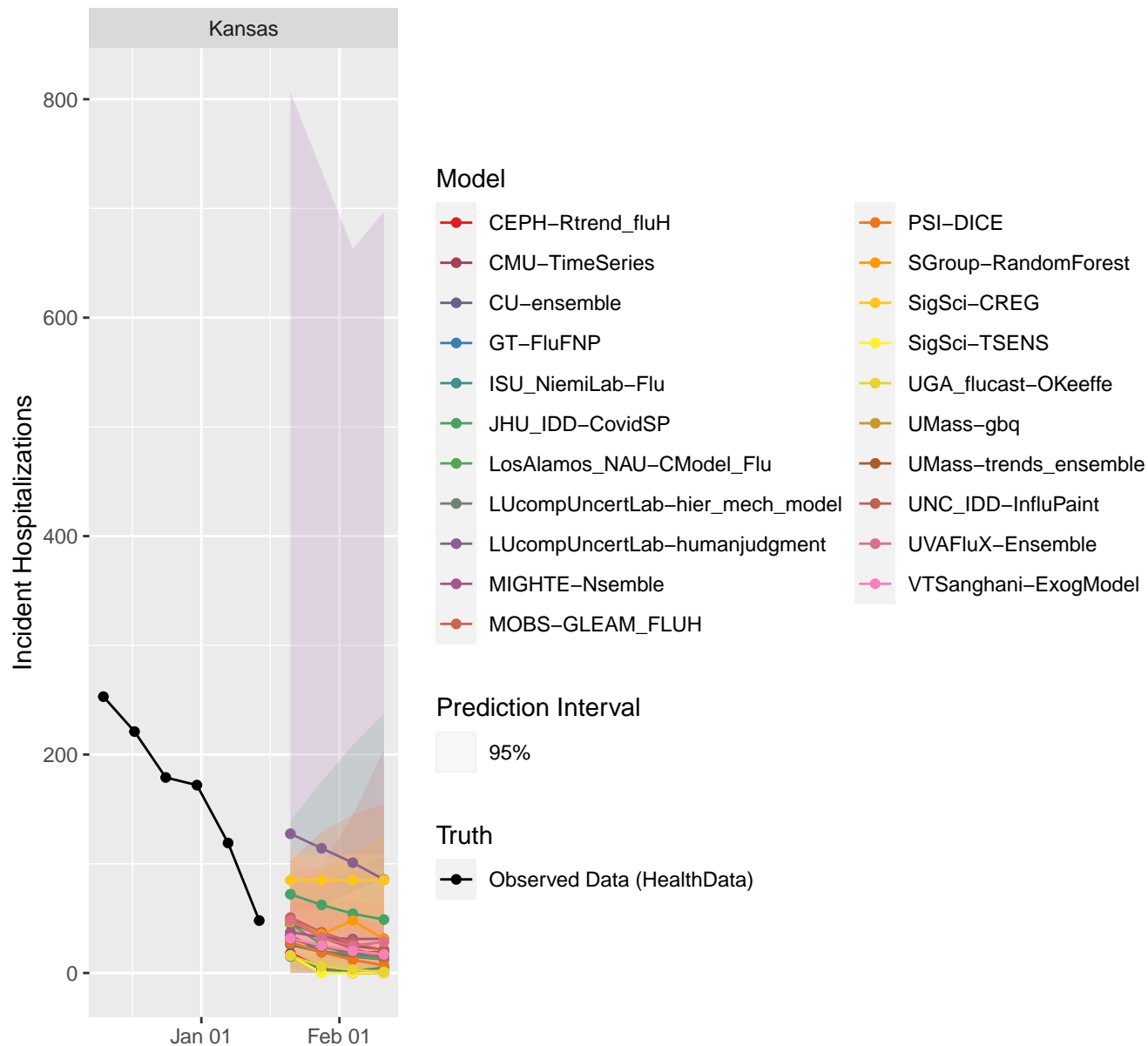
Selected location(s): Indiana
Selected forecast date(s): 2023−01−16

Indiana

Incident Hospitalizations

1500

1000

500

0

Jan 01   Feb 01

Prediction Interval

95%

Model

- CEPH−Rtrend_fluH
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Iowa
Selected forecast date(s): 2023–01–16

Model

- CEPH–Rtrend_fluH
- CMU–TimeSeries
- CU–ensemble
- GT–FluFNP
- ISU_NiemiLab–Flu
- JHU_IDD–CovidSP
- LosAlamos_NAU–CModel_Flu
- LUcompUncertLab–hier_mech_model
- LUcompUncertLab–humanjudgment
- MIGHTE–Nsemble
- MOBS–GLEAM_FLUH
- PSI–DICE
- SGroup–RandomForest
- SigSci–CREG
- SigSci–TSENS
- UGA_flucast–OKeeffe
- UMass–gbq
- UMass–trends_ensemble
- UNC_IDD–InfluPaint
- UVAFluX–Ensemble
- VTSanghani–ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
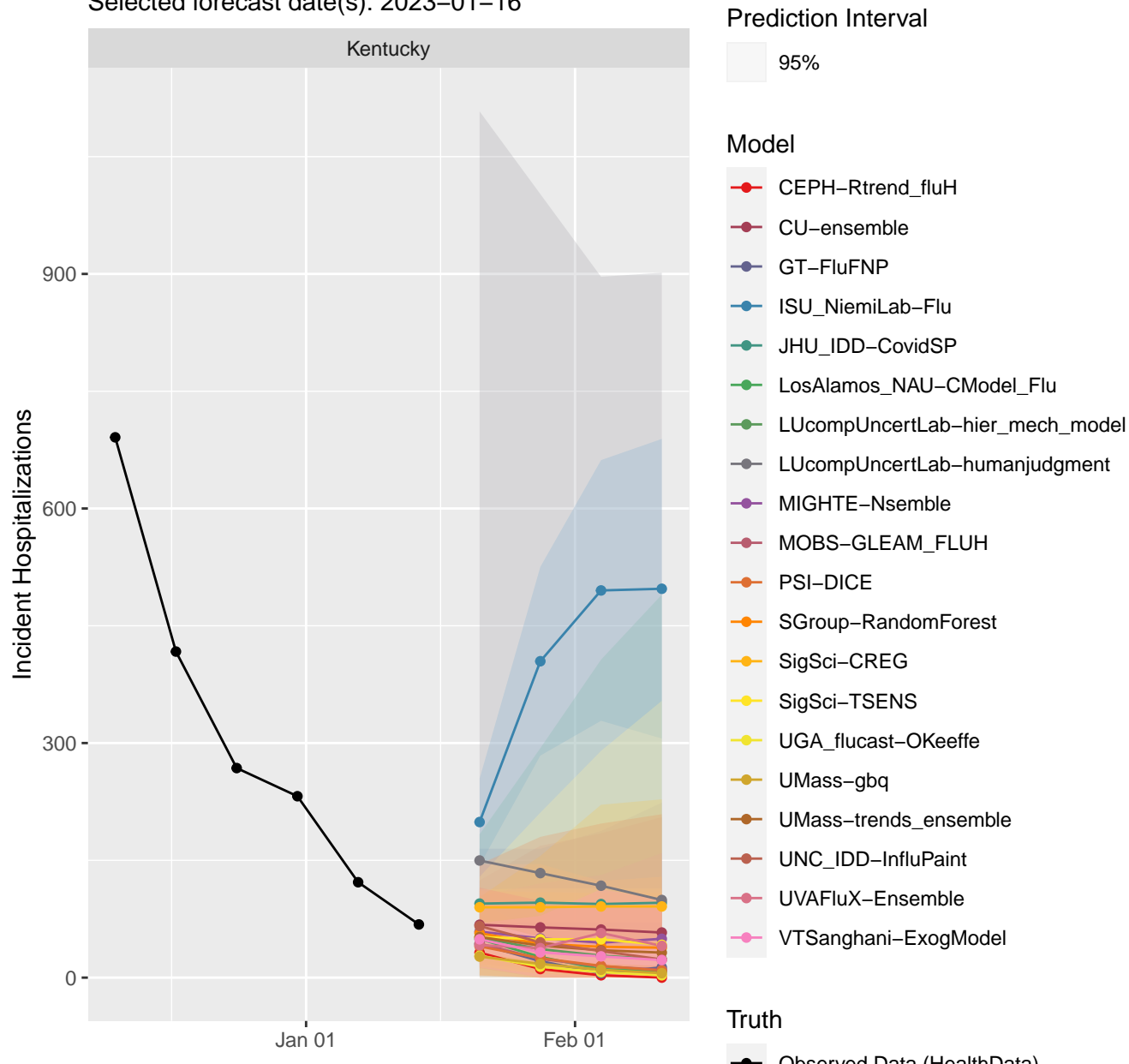
Selected location(s): Kansas
Selected forecast date(s): 2023–01–16

Weekly Influenza Incident Hospitalizations: observed and forecasted
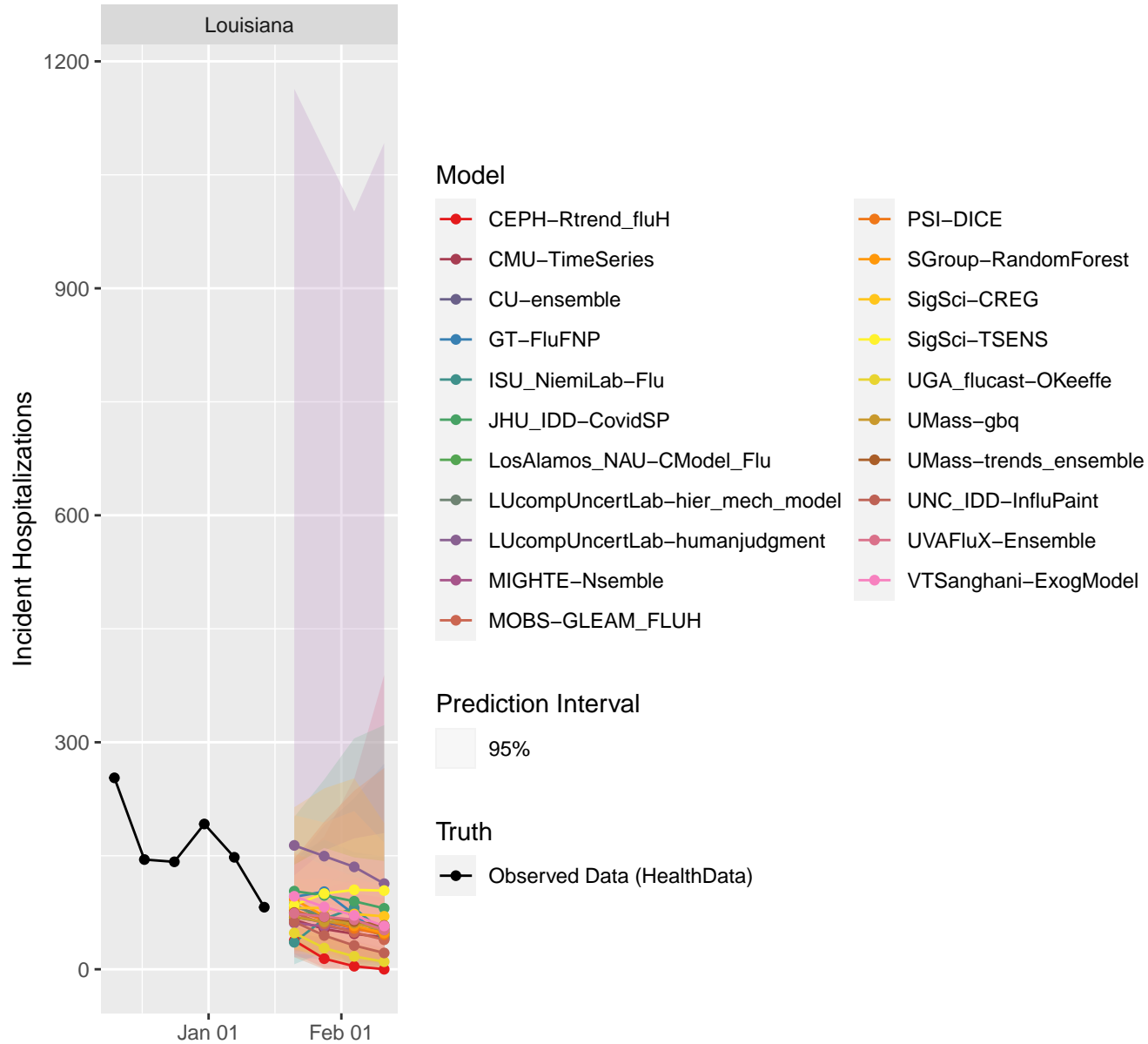
Selected location(s): Kentucky
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
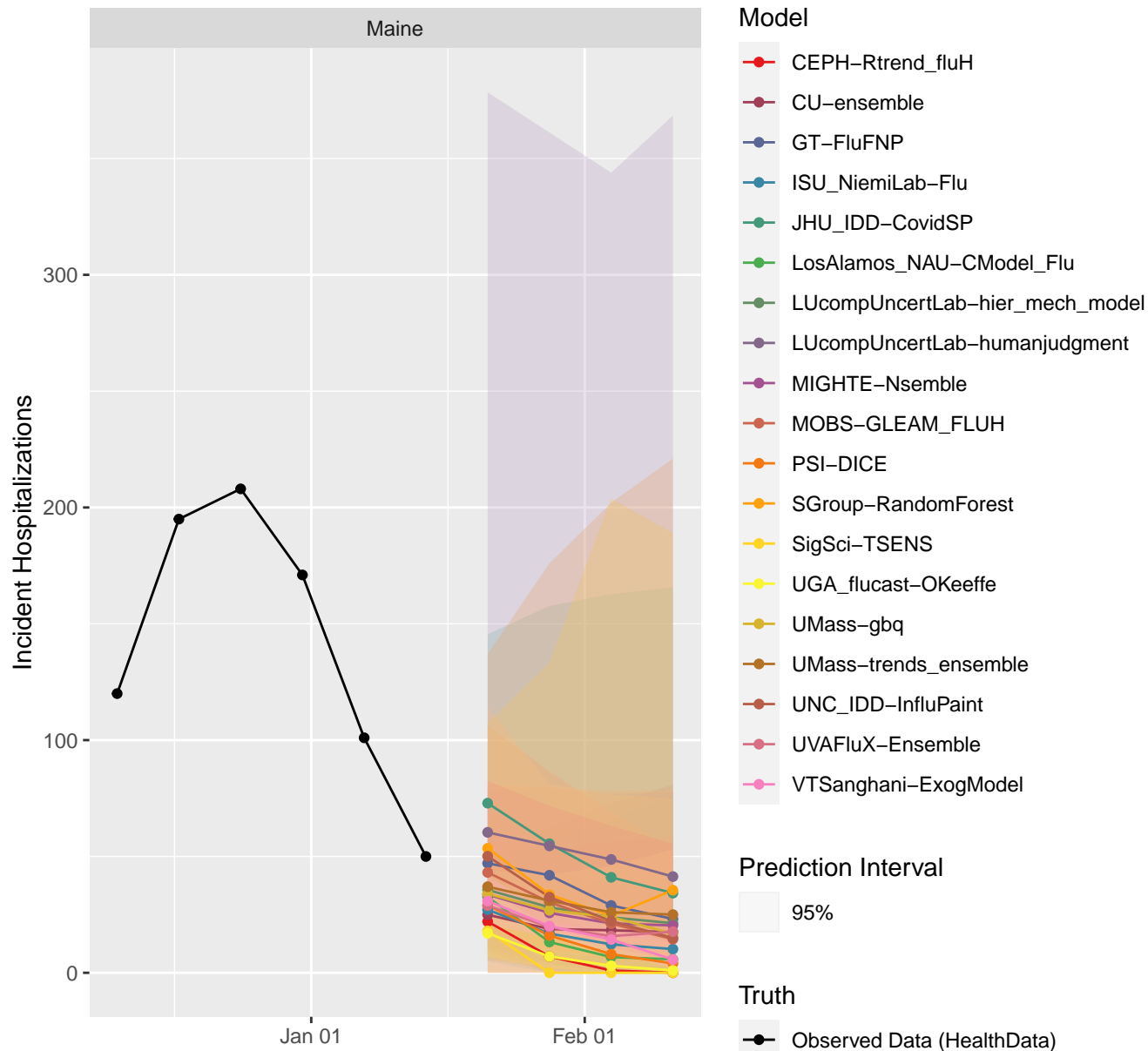
Selected location(s): Louisiana
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
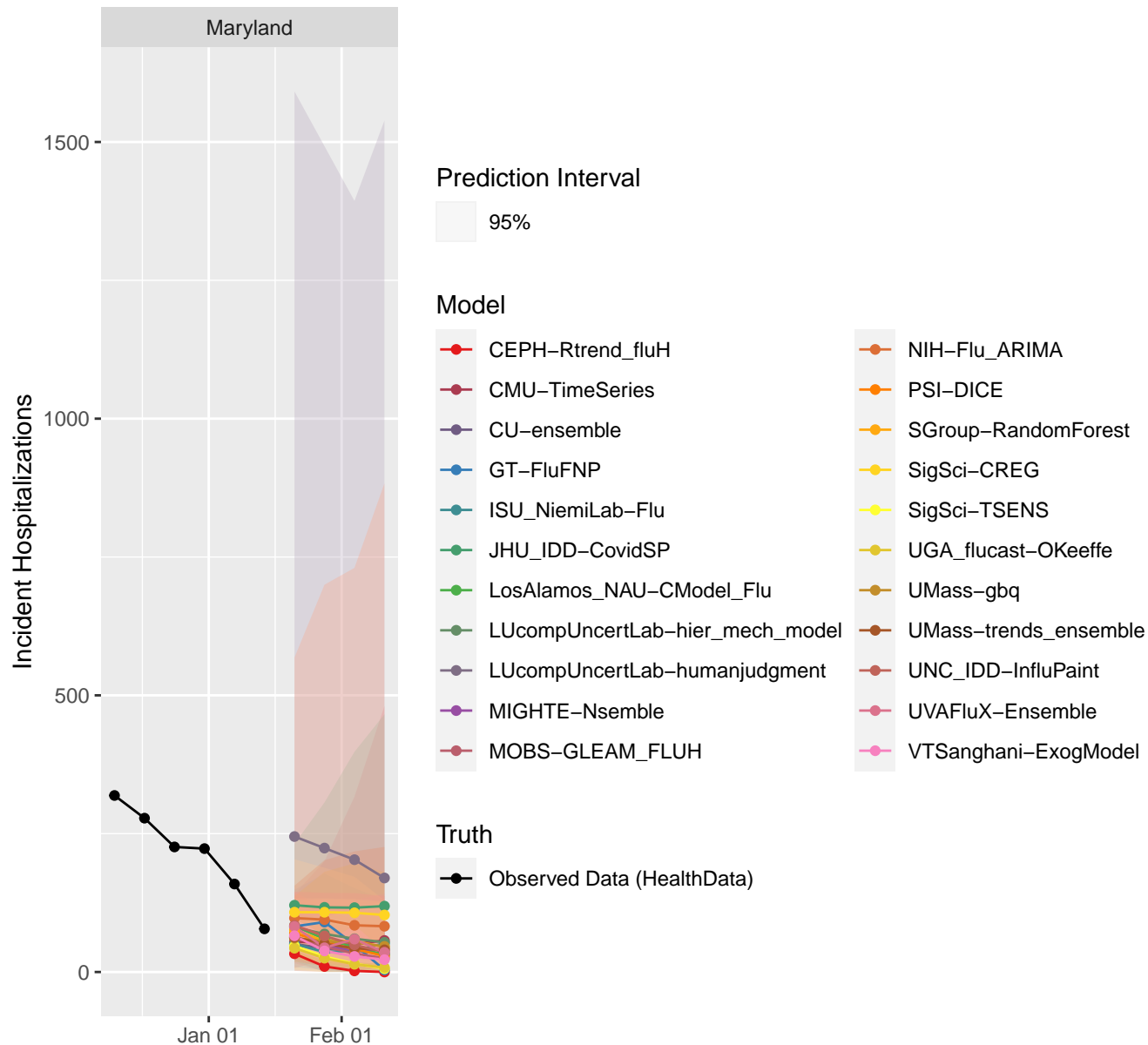
Selected location(s): Maine
Selected forecast date(s): 2023–01–16

Maine

Model

- CEPH–Rtrend_fluH
- CU–ensemble
- GT–FluFNP
- ISU_NiemiLab–Flu
- JHU_IDD–CovidSP
- LosAlamos_NAU–CModel_Flu
- LUcompUncertLab–hier_mech_model
- LUcompUncertLab–humanjudgment
- MIGHTE–Nsemble
- MOBS–GLEAM_FLUH
- PSI–DICE
- SGroup–RandomForest
- SigSci–TSENS
- UGA_flucast–OKeeffe
- UMass–gbq
- UMass–trends_ensemble
- UNC_IDD–InfluPaint
- UVAFluX–Ensemble
- VTSanghani–ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted

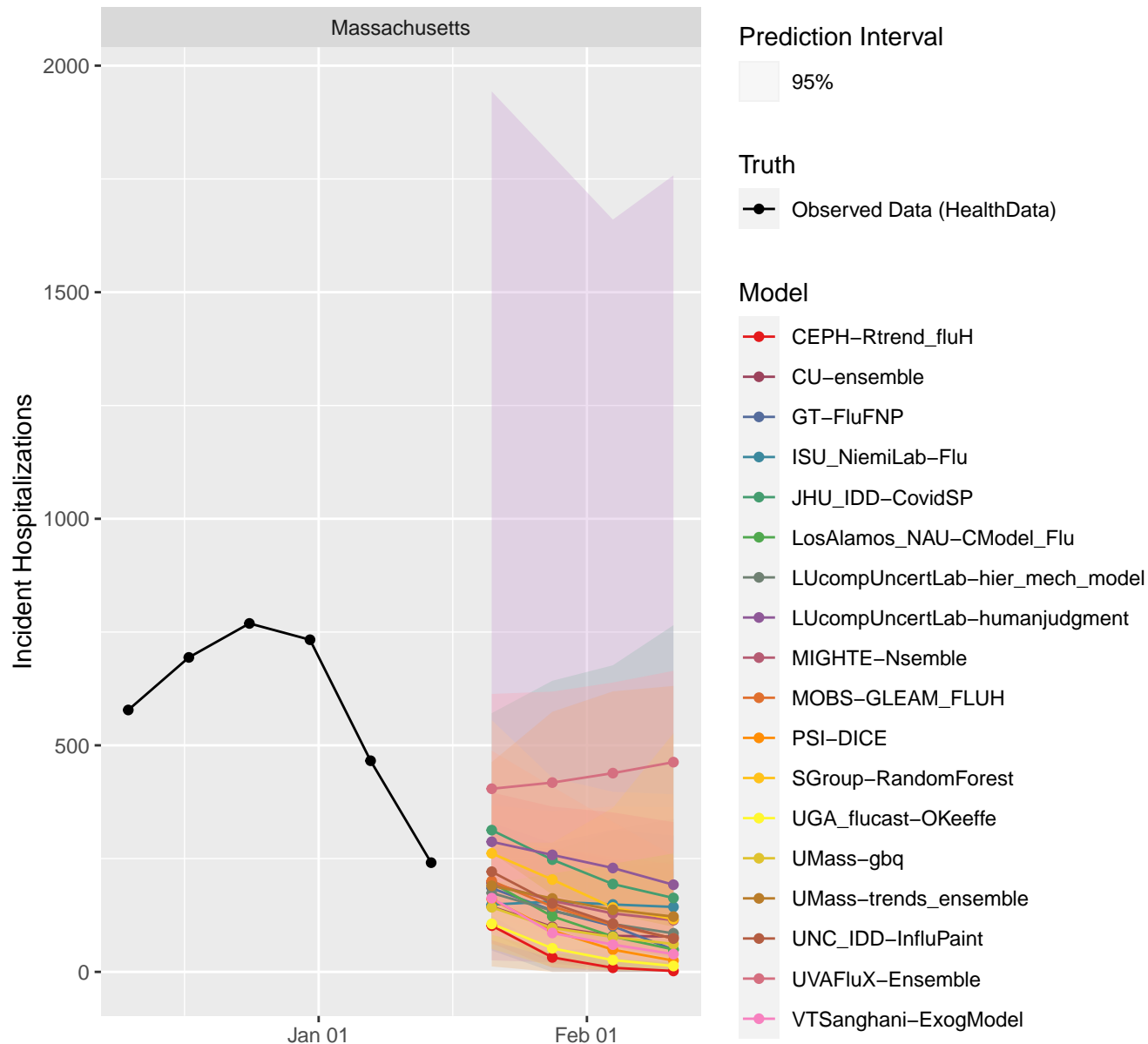Selected location(s): Maryland
Selected forecast date(s): 2023-01-16

Weekly Influenza Incident Hospitalizations: observed and forecasted
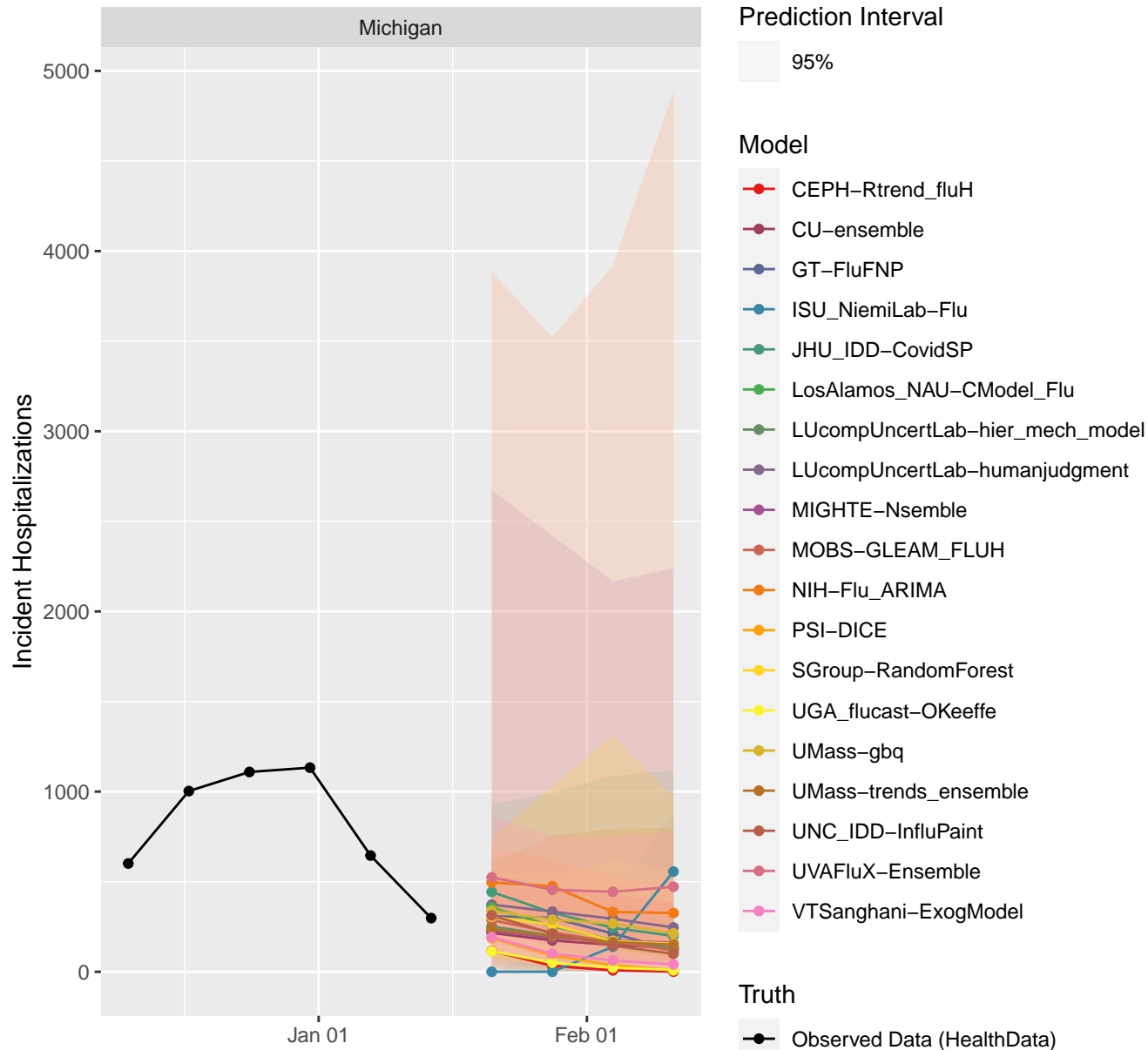
Selected location(s): Massachusetts
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
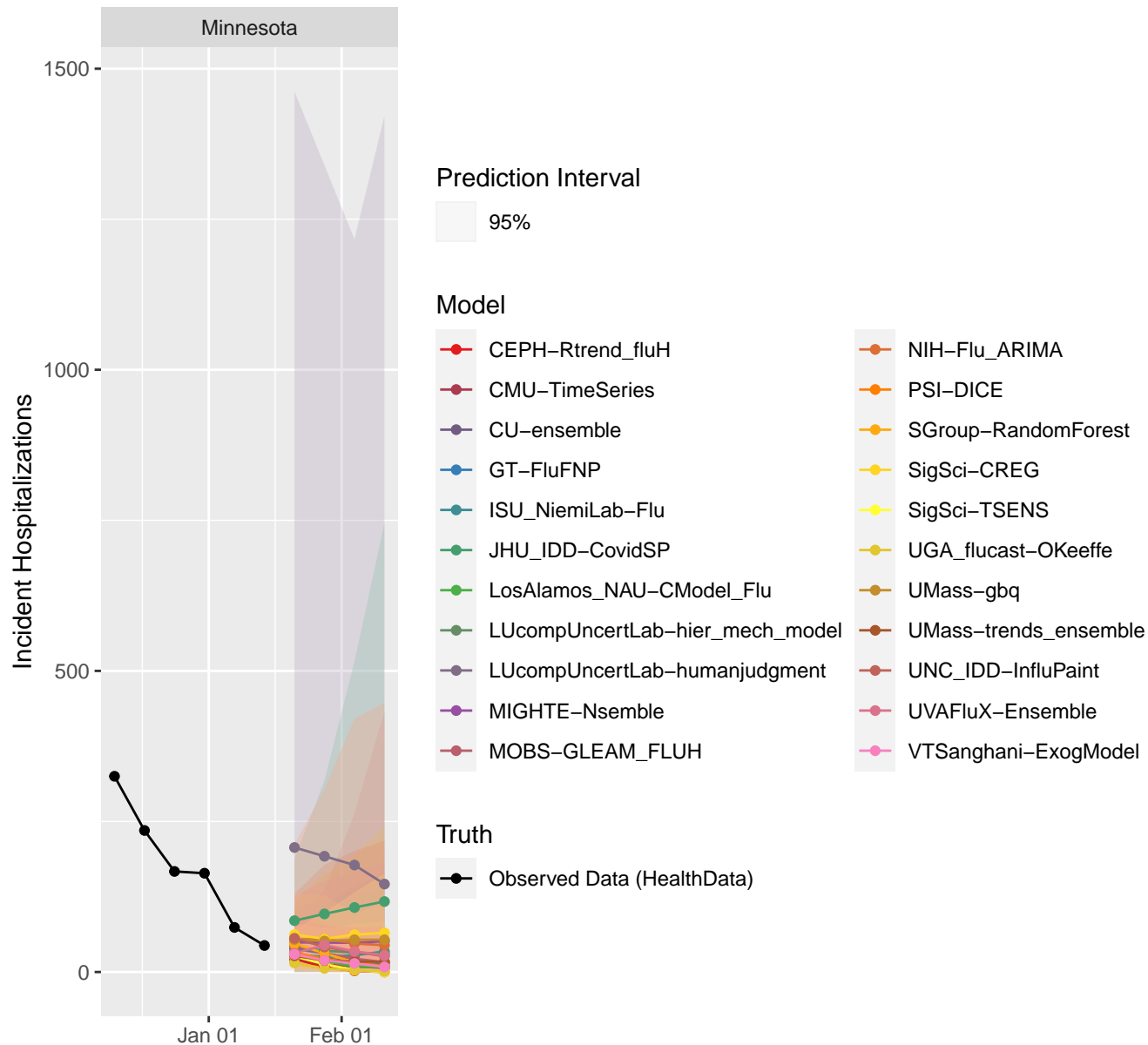
Selected location(s): Michigan
Selected forecast date(s): 2023−01−16

Michigan

Incident Hospitalizations

5000
4000
3000
2000
1000
0

Jan 01   Feb 01

Prediction Interval

95%

Model

- CEPH−Rtrend_fluH
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- NIH−Flu_ARIMA
- PSI−DICE
- SGroup−RandomForest
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Truth

- Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
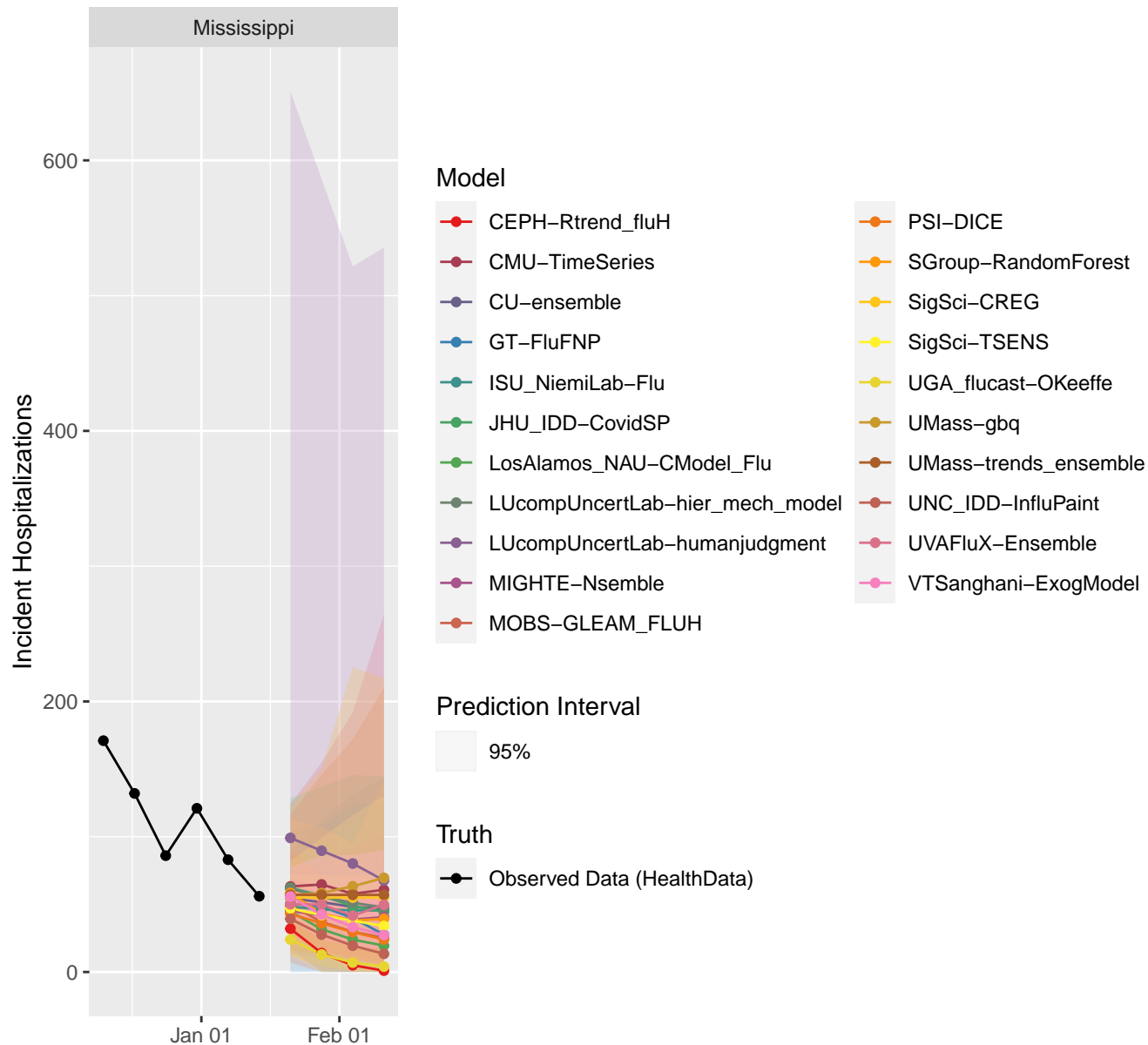
Selected location(s): Minnesota
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
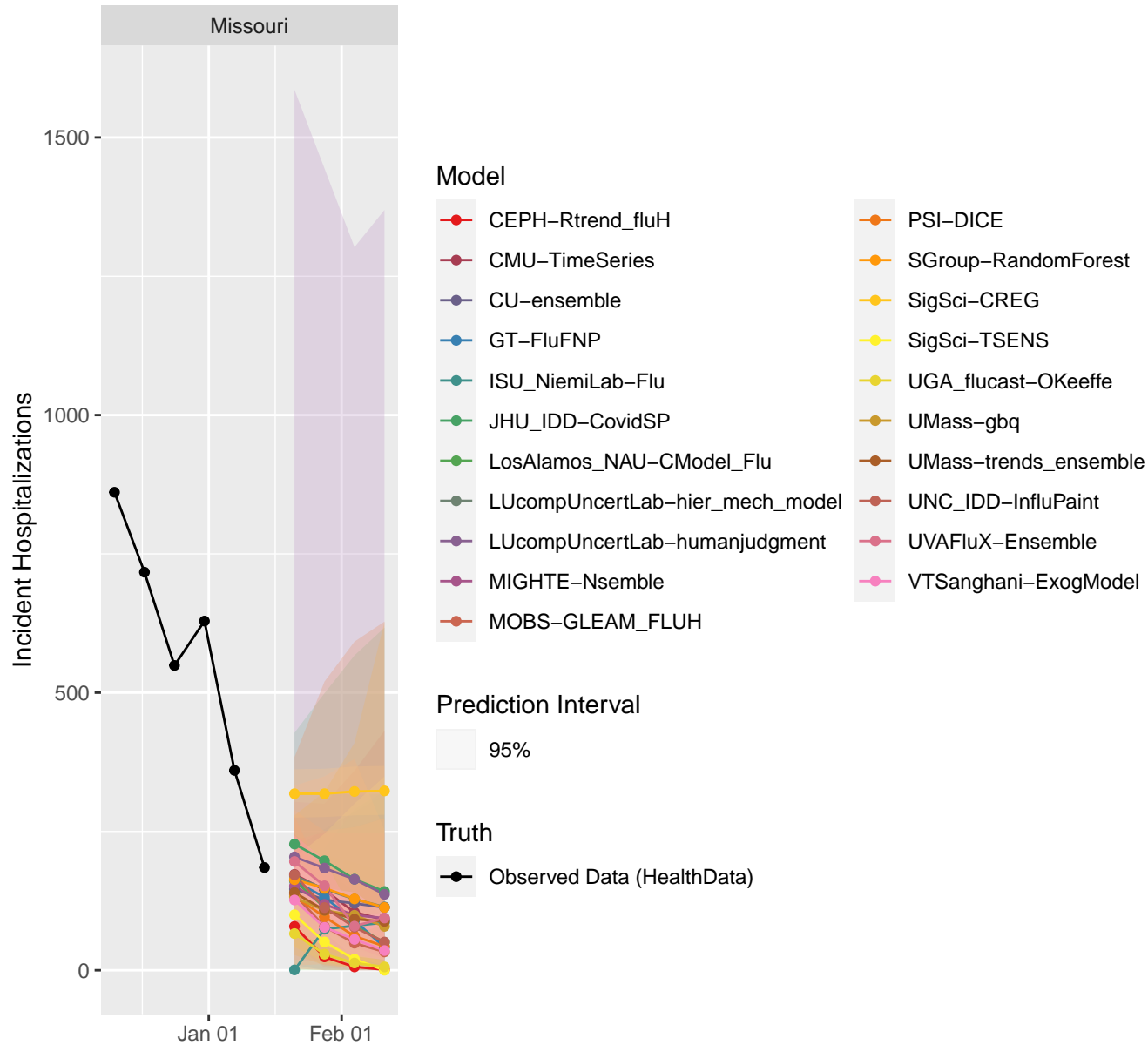
Selected location(s): Mississippi
Selected forecast date(s): 2023–01–16

Weekly Influenza Incident Hospitalizations: observed and forecasted
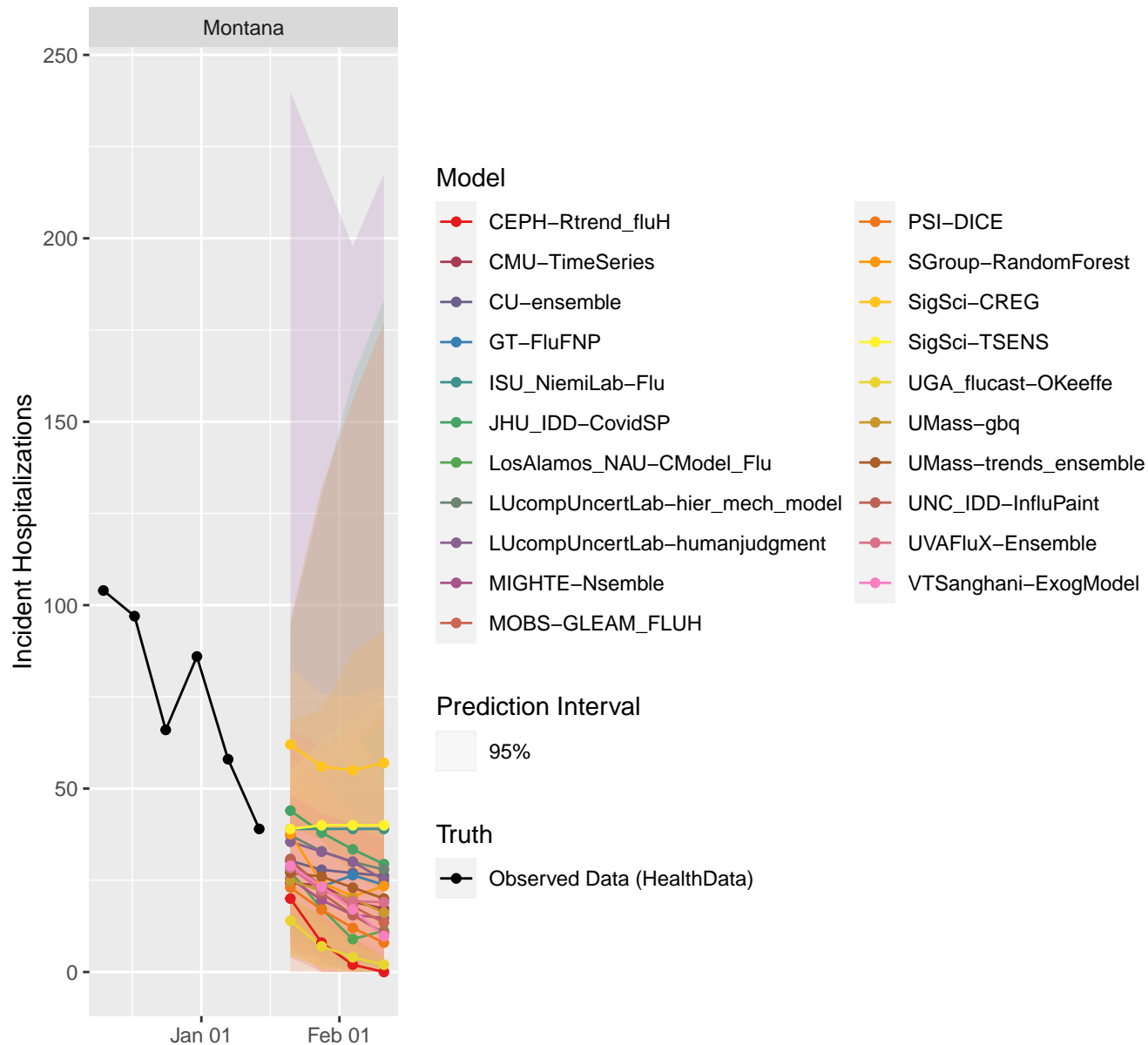
Selected location(s): Missouri
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
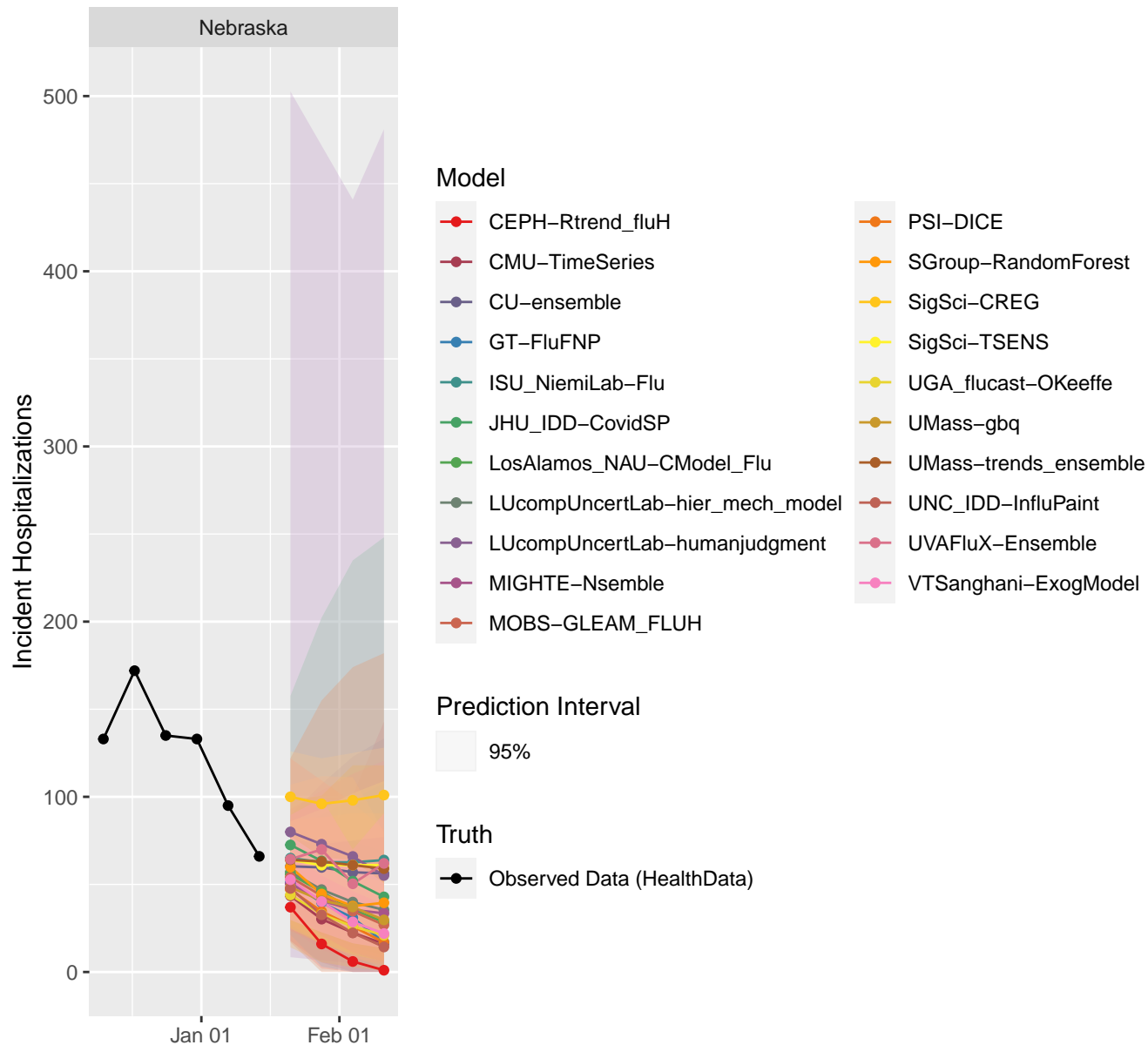
Selected location(s): Montana
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
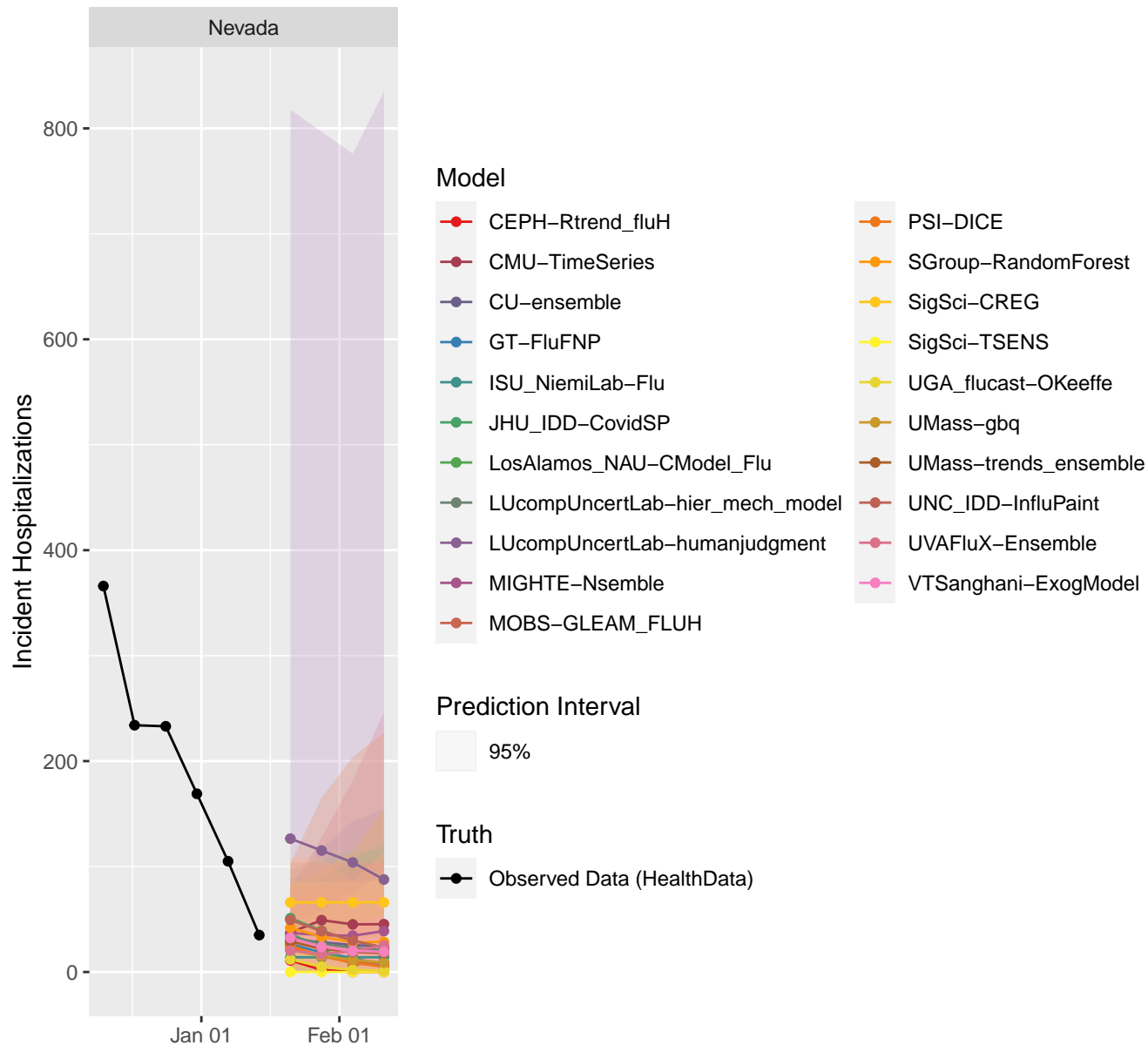
Selected location(s): Nebraska
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
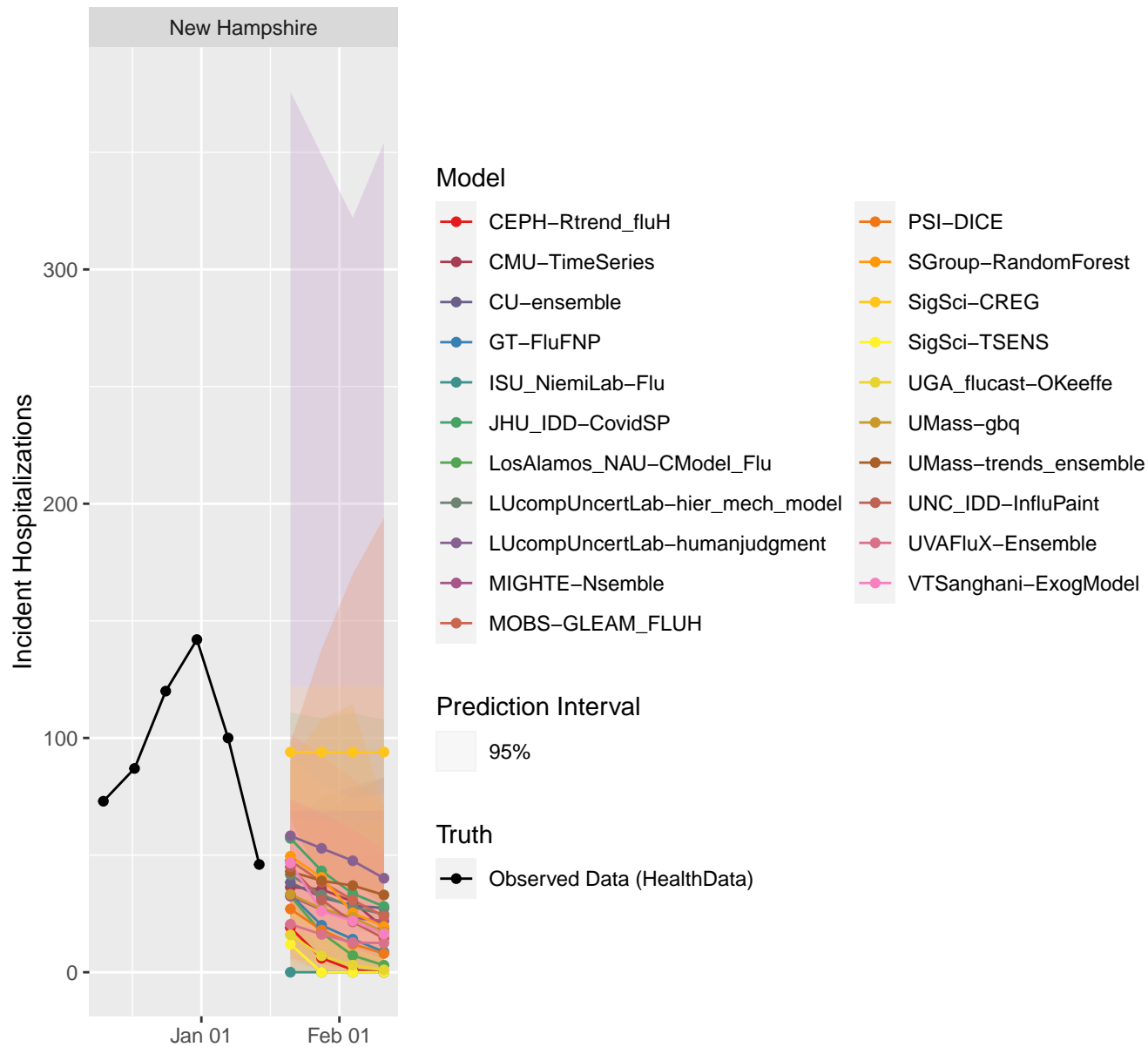
Selected location(s): Nevada
Selected forecast date(s): 2023–01–16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): New Hampshire
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): New Jersey
Selected forecast date(s): 2023−01−16

New Jersey

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)
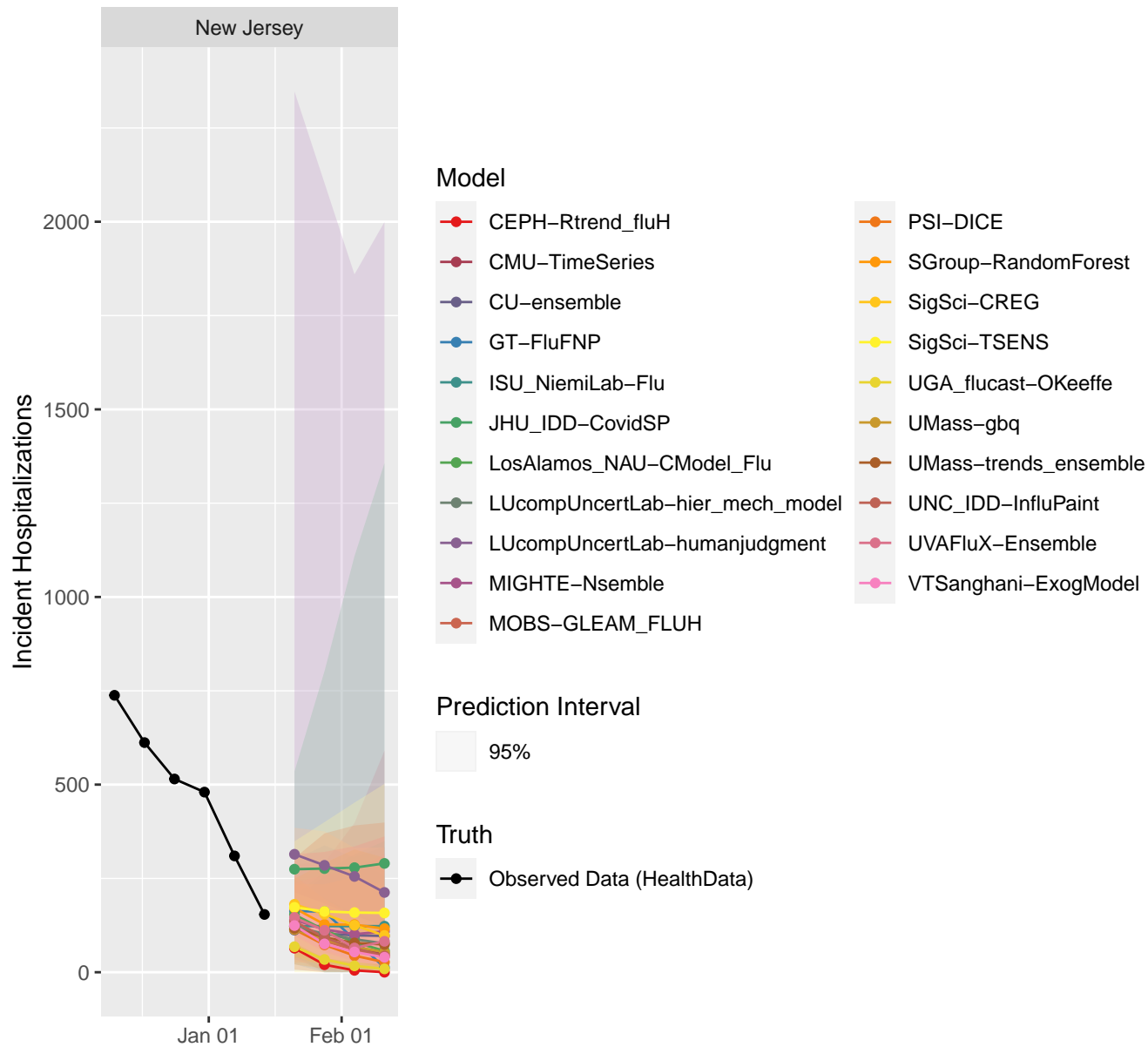
Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): New Mexico
Selected forecast date(s): 2023−01−16

Prediction Interval

95%

Truth

— ● — Observed Data (HealthData)

Model

— ● — CEPH−Rtrend_fluH
— ● — CU−ensemble
— ● — GT−FluFNP
— ● — ISU_NiemiLab−Flu
— ● — JHU_IDD−CovidSP
— ● — LosAlamos_NAU−CModel_Flu
— ● — LUcompUncertLab−humanjudgment
— ● — MIGHTE−Nsemble
— ● — MOBS−GLEAM_FLUH
— ● — NIH−Flu_ARIMA
— ● — PSI−DICE
— ● — SGroup−RandomForest
— ● — SigSci−CREG
— ● — SigSci−TSENS
— ● — UGA_flucast−OKeeffe
— ● — UMass−gbq
— ● — UMass−trends_ensemble
— ● — UNC_IDD−InfluPaint
— ● — UVAFluX−Ensemble
— ● — VTSanghani−ExogModel

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): New York
Selected forecast date(s): 2023−01−16
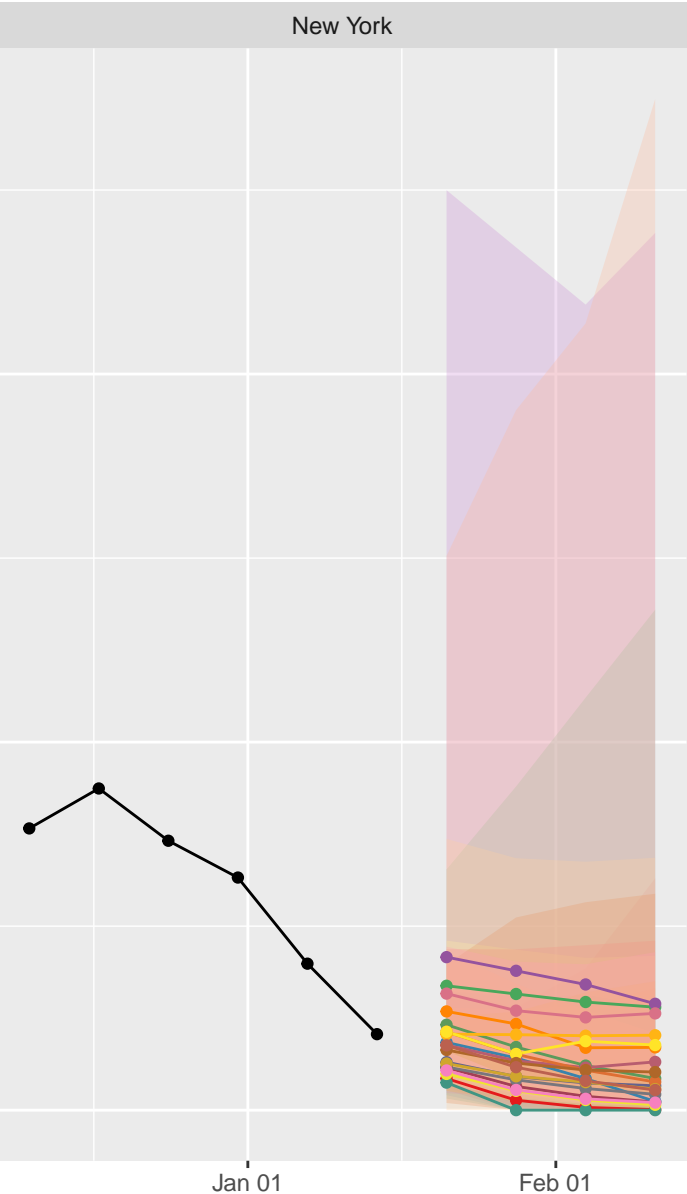
Prediction Interval

95%

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- NIH−Flu_ARIMA
- PSI−DICE
- SGroup−RandomForest
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
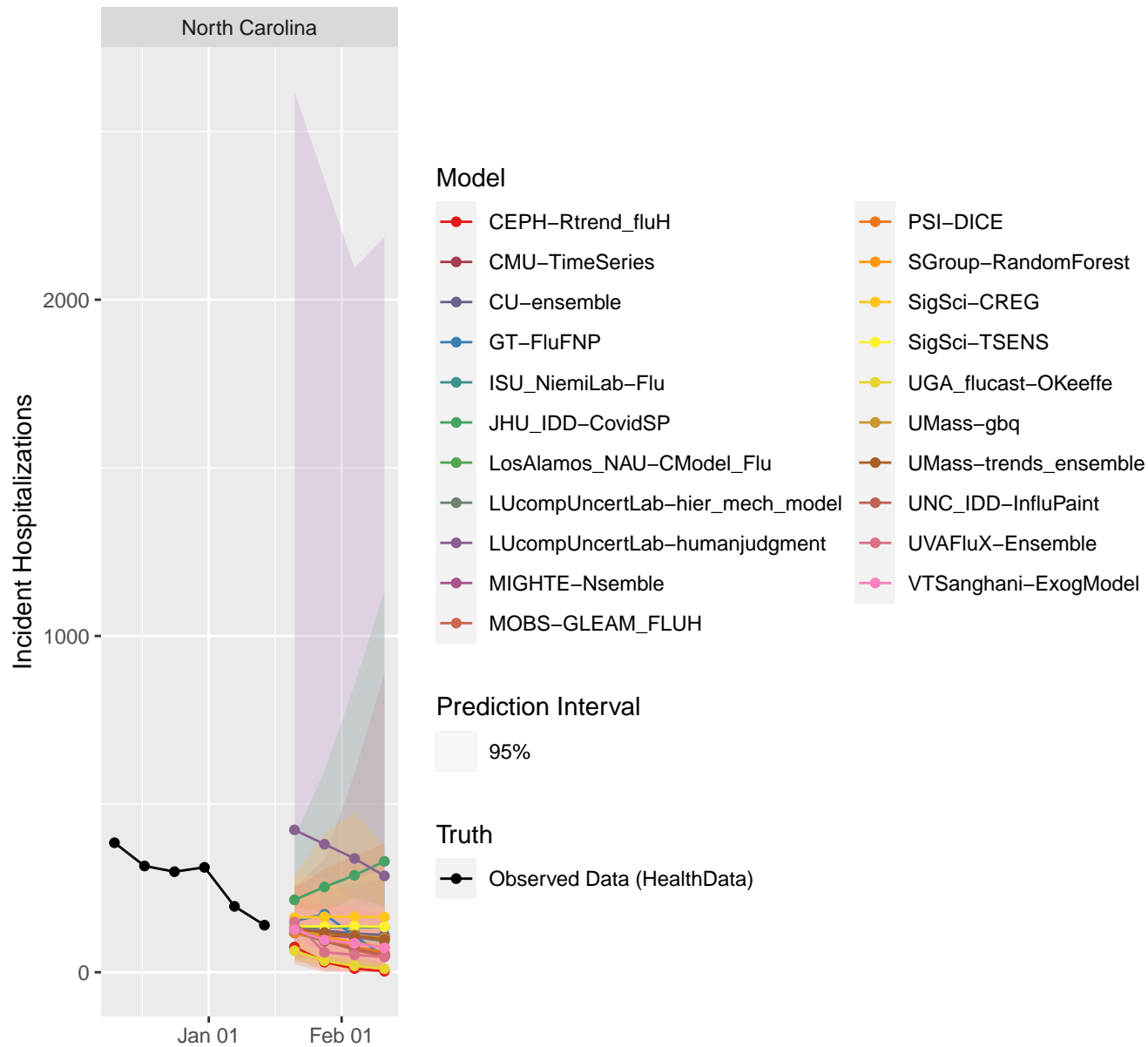- UVAFluX−Ensemble
- VTSanghani−ExogModel

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): North Carolina
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): North Dakota
Selected forecast date(s): 2023−01−16

North Dakota

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
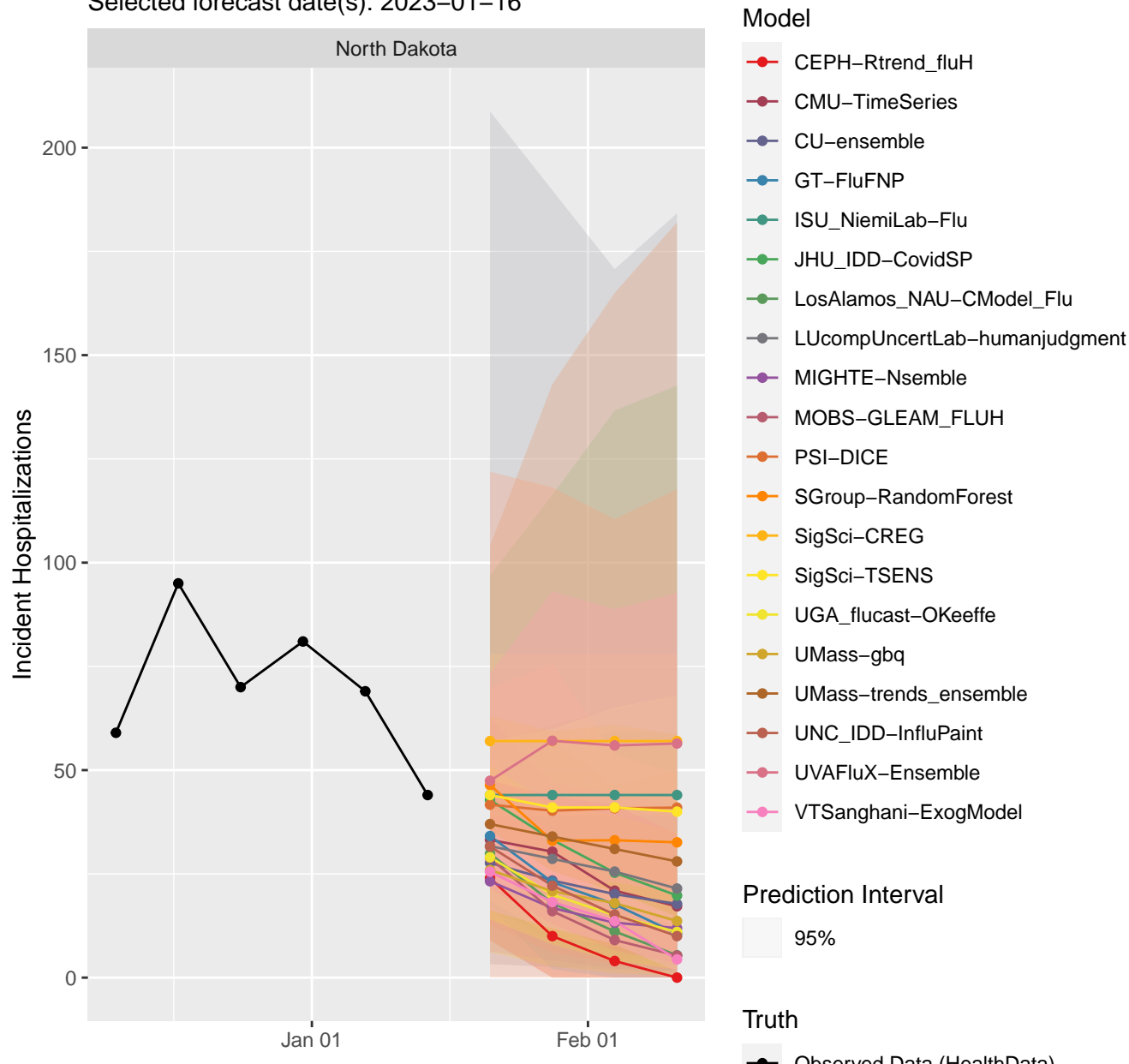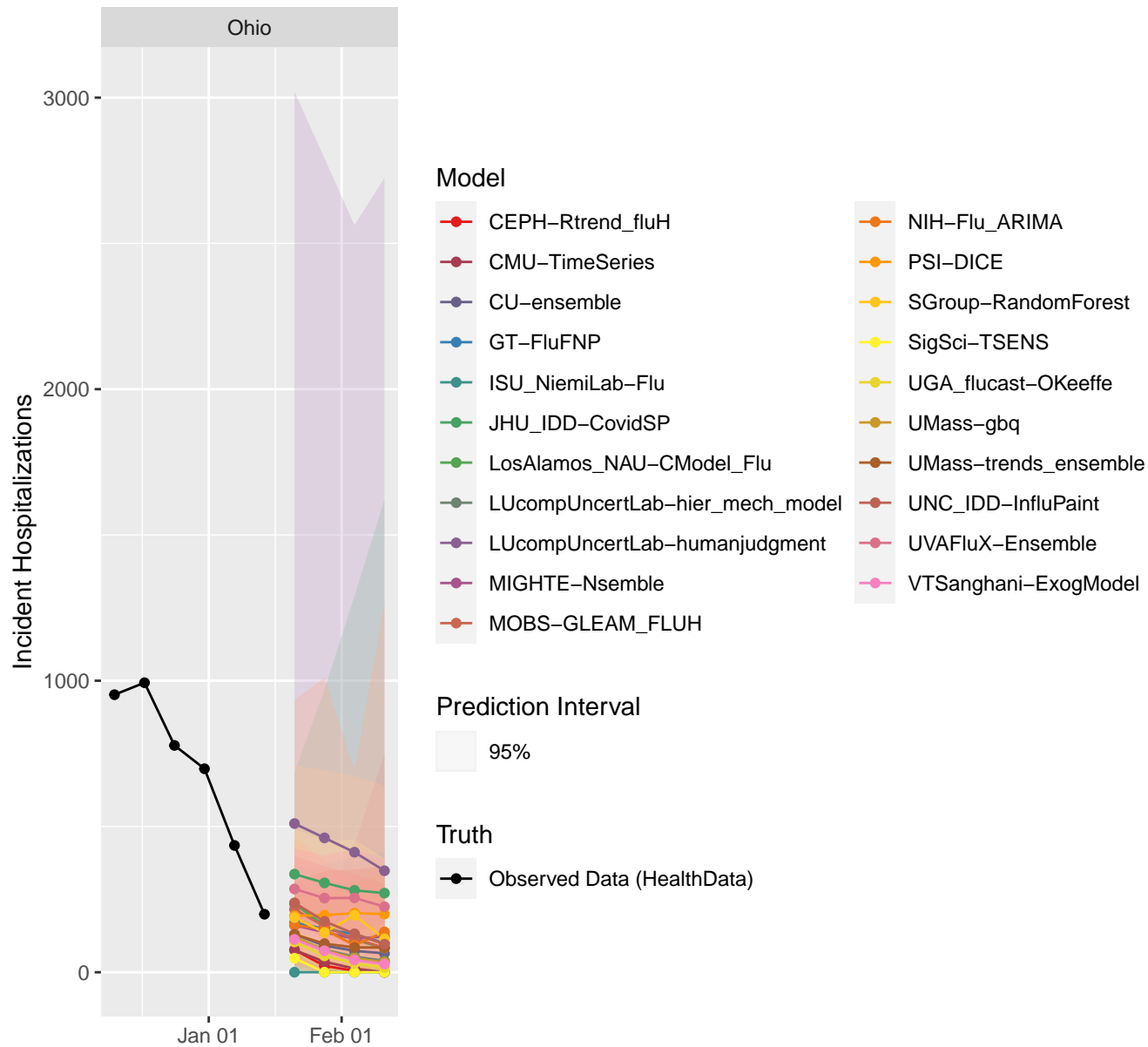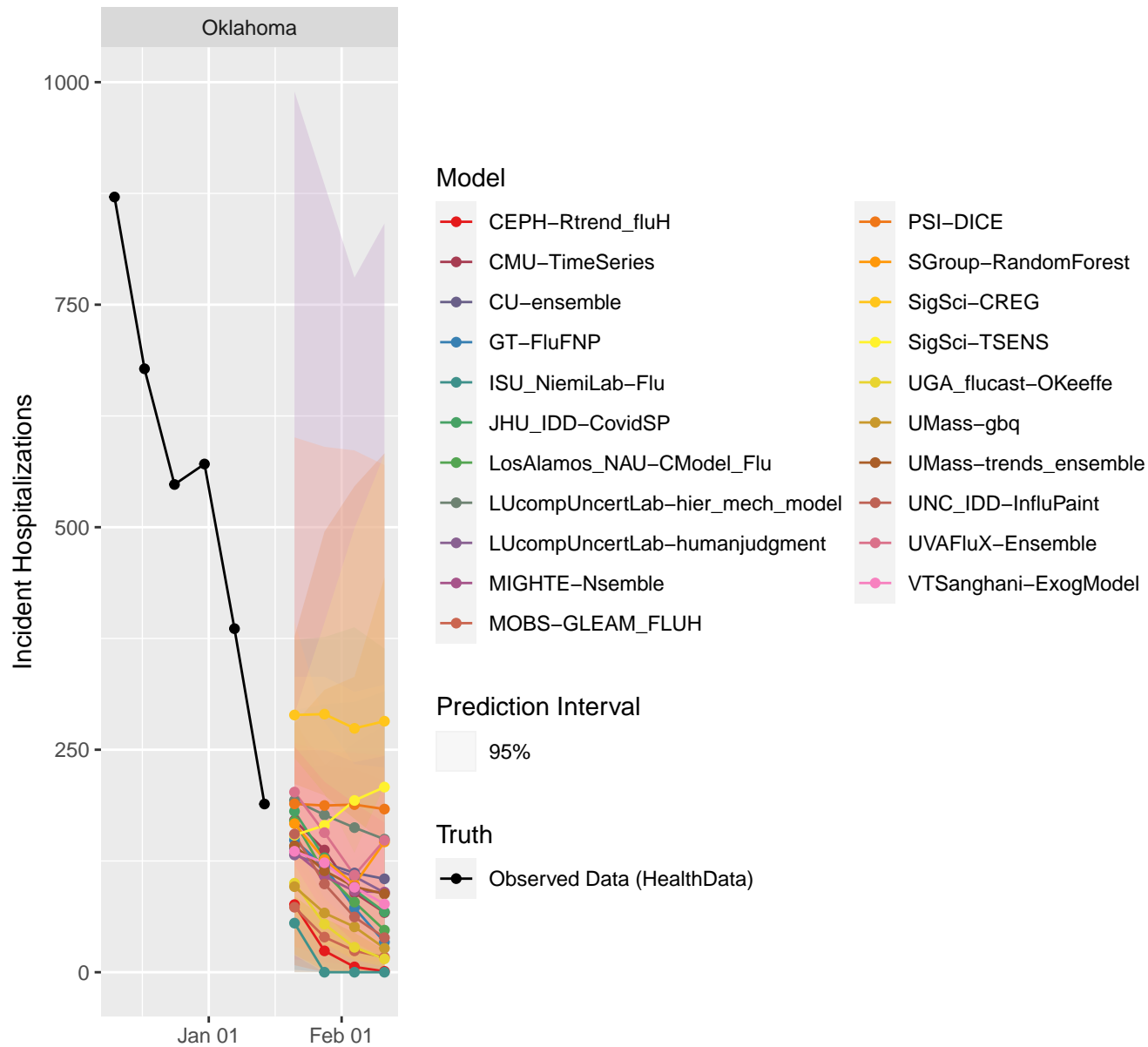
Selected location(s): Ohio
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Oklahoma
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Oregon
Selected forecast date(s): 2023–01–16

Model

- CEPH–Rtrend_fluH
- CU–ensemble
- GT–FluFNP
- ISU_NiemiLab–Flu
- JHU_IDD–CovidSP
- LosAlamos_NAU–CModel_Flu
- LUcompUncertLab–hier_mech_model
- LUcompUncertLab–humanjudgment
- MIGHTE–Nsemble
- MOBS–GLEAM_FLUH
- NIH–Flu_ARIMA
- PSI–DICE
- SGroup–RandomForest
- SigSci–TSENS
- UGA_flucast–OKeeffe
- UMass–gbq
- UMass–trends_ensemble
- UNC_IDD–InfluPaint
- UVAFluX–Ensemble
- VTSanghani–ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
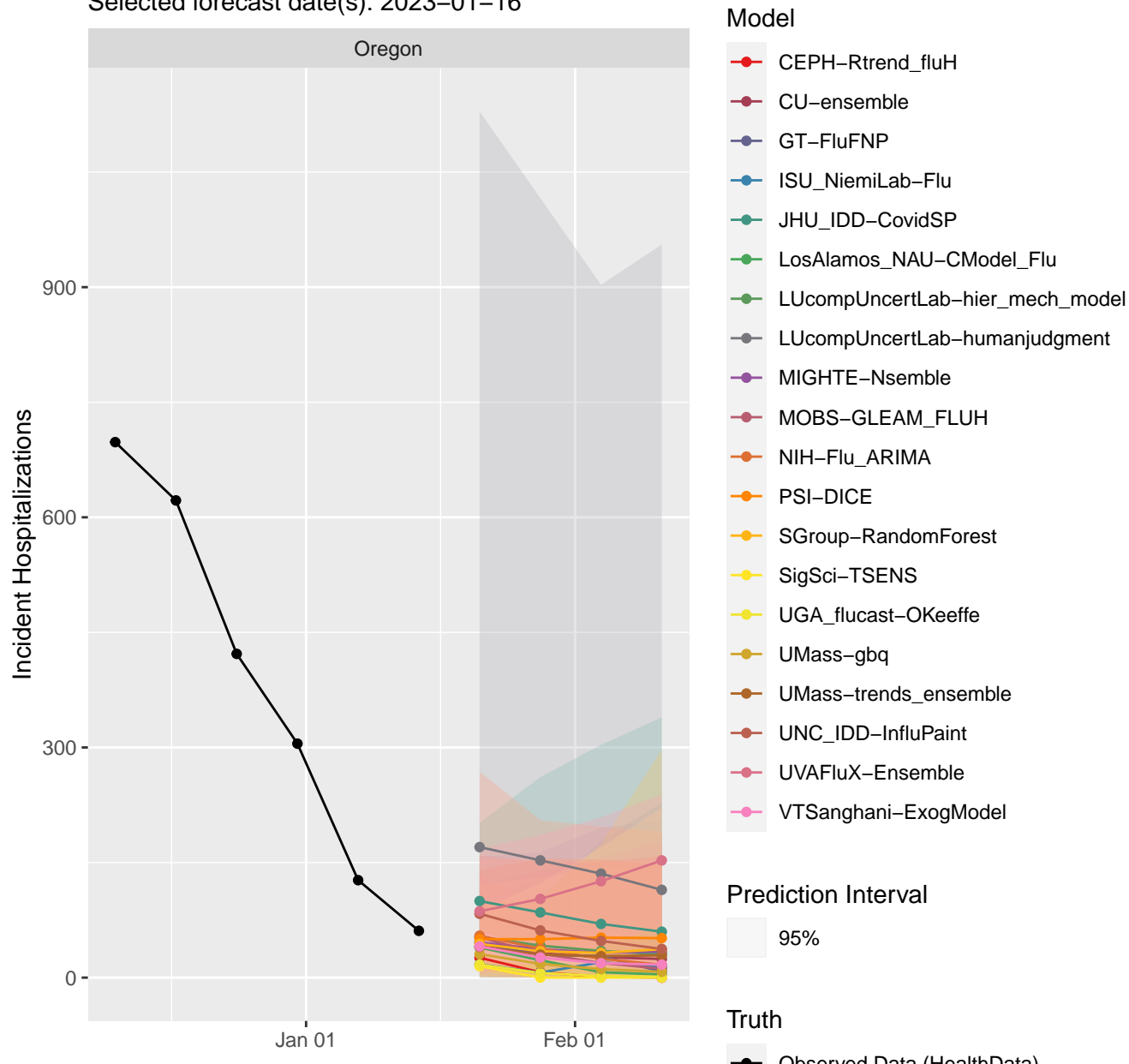
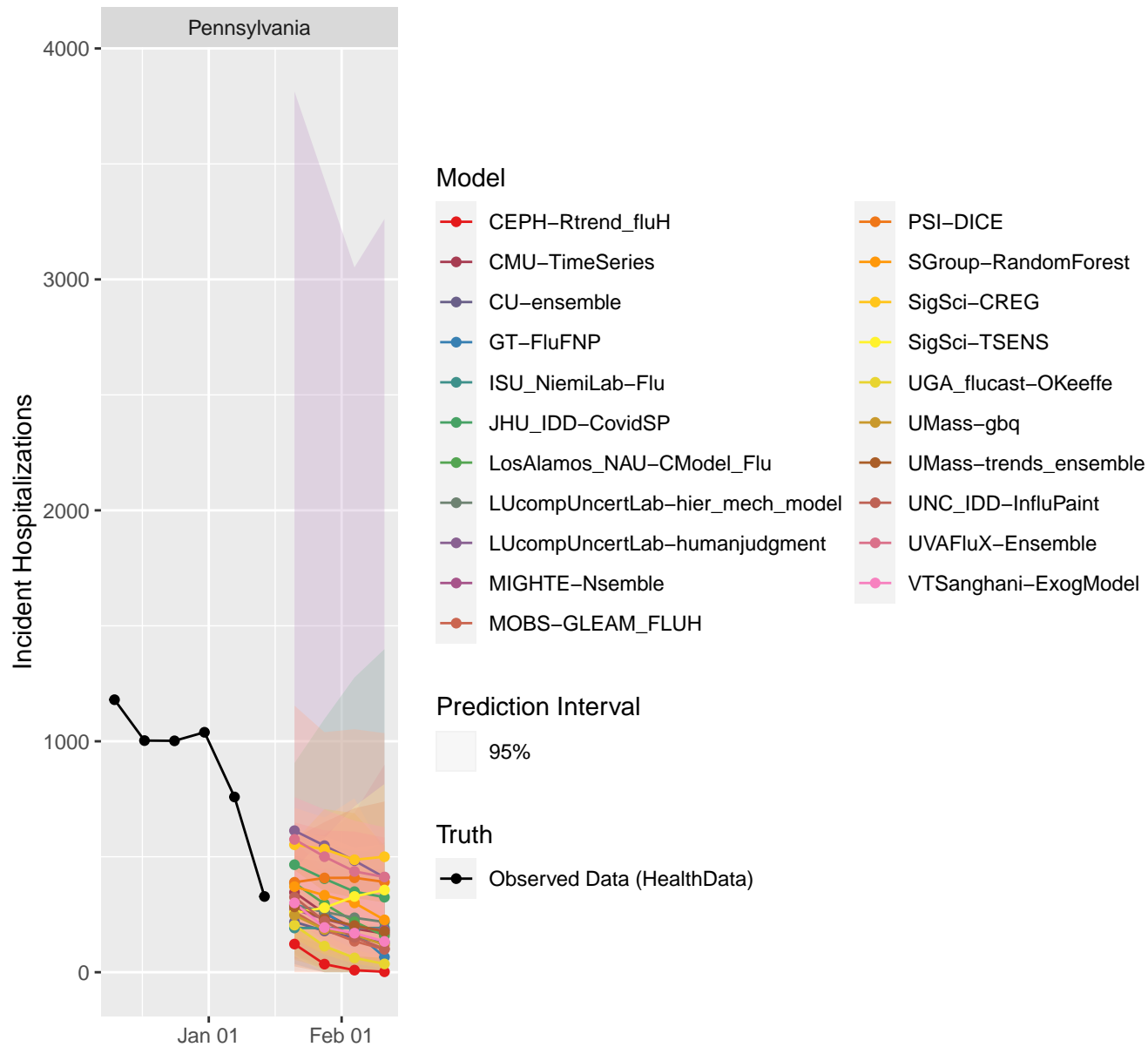Selected location(s): Pennsylvania
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Rhode Island
Selected forecast date(s): 2023−01−16

Rhode Island

Prediction Interval

95%

Truth

Observed Data (HealthData)

Model

CEPH−Rtrend_fluH
CMU−TimeSeries
CU−ensemble
GT−FluFNP
ISU_NiemiLab−Flu
JHU_IDD−CovidSP
LosAlamos_NAU−CModel_Flu
LUcompUncertLab−humanjudgment
MIGHTE−Nsemble
MOBS−GLEAM_FLUH
PSI−DICE
SGroup−RandomForest
SigSci−CREG
UGA_flucast−OKeeffe
UMass−gbq
UMass−trends_ensemble
UNC_IDD−InfluPaint
UVAFluX−Ensemble
VTSanghani−ExogModel

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): South Carolina
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
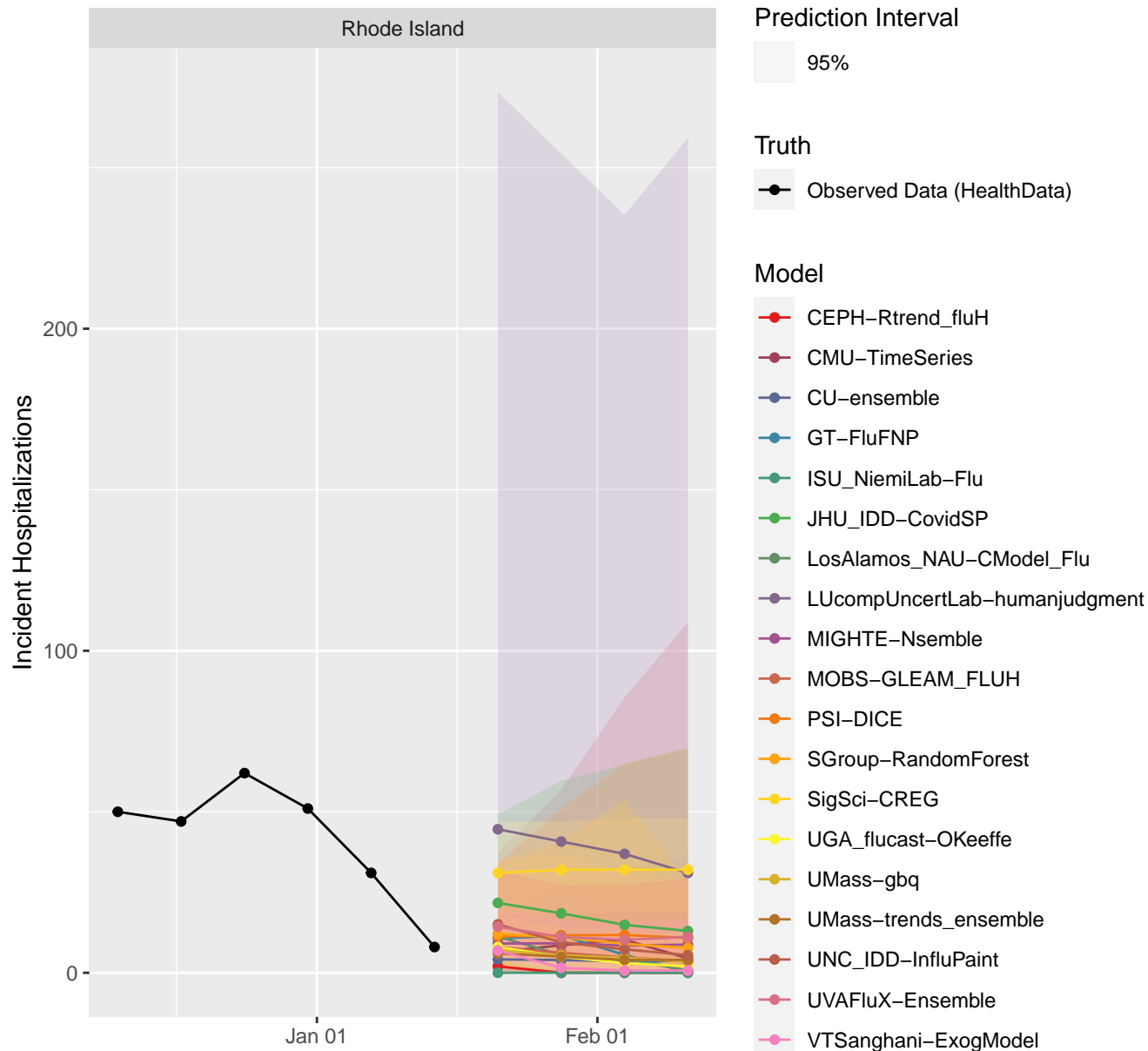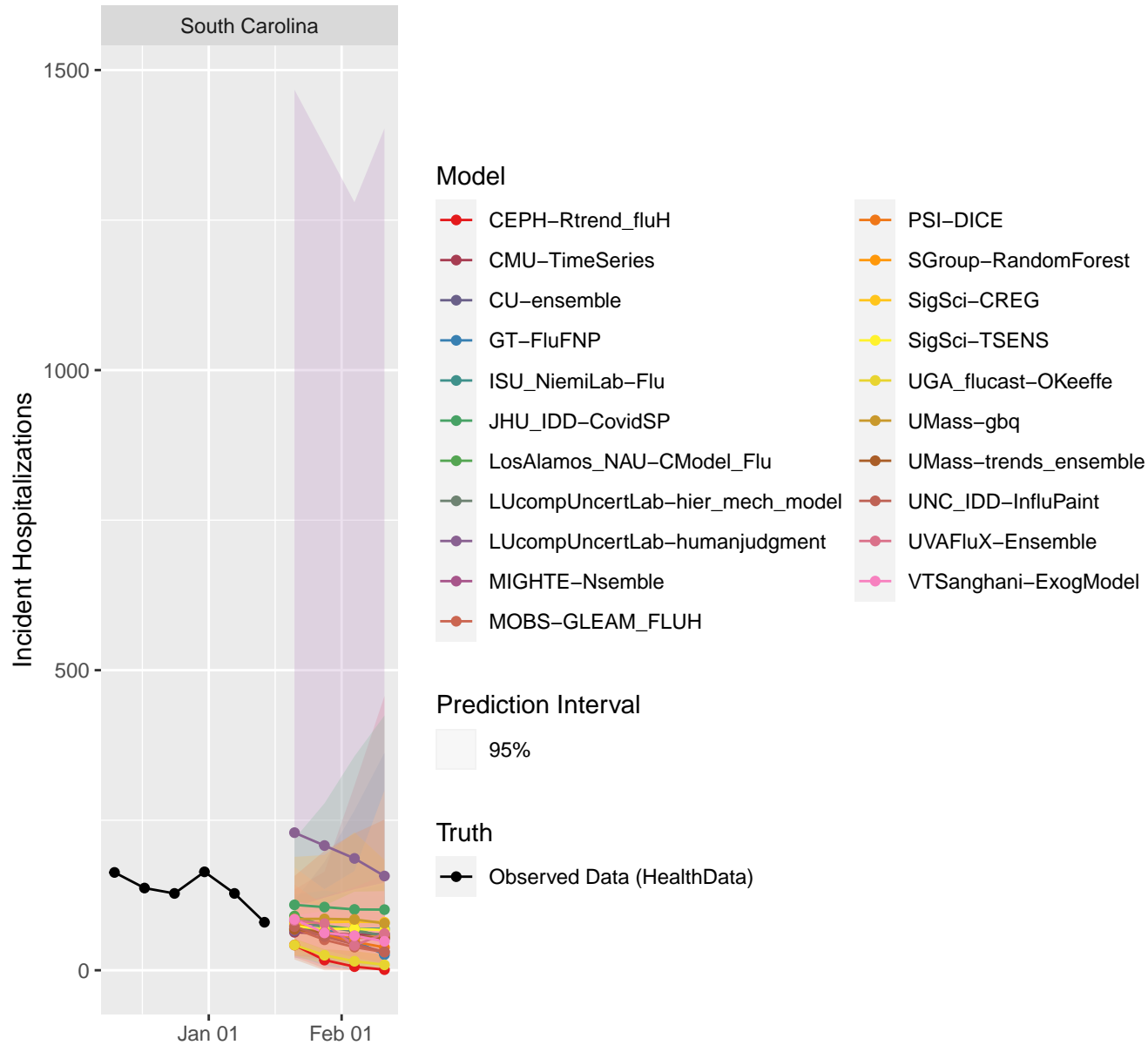
Selected location(s): South Dakota
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Tennessee
Selected forecast date(s): 2023−01−16

Prediction Interval
- 95%

Model
- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- NIH−Flu_ARIMA
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Truth
- Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
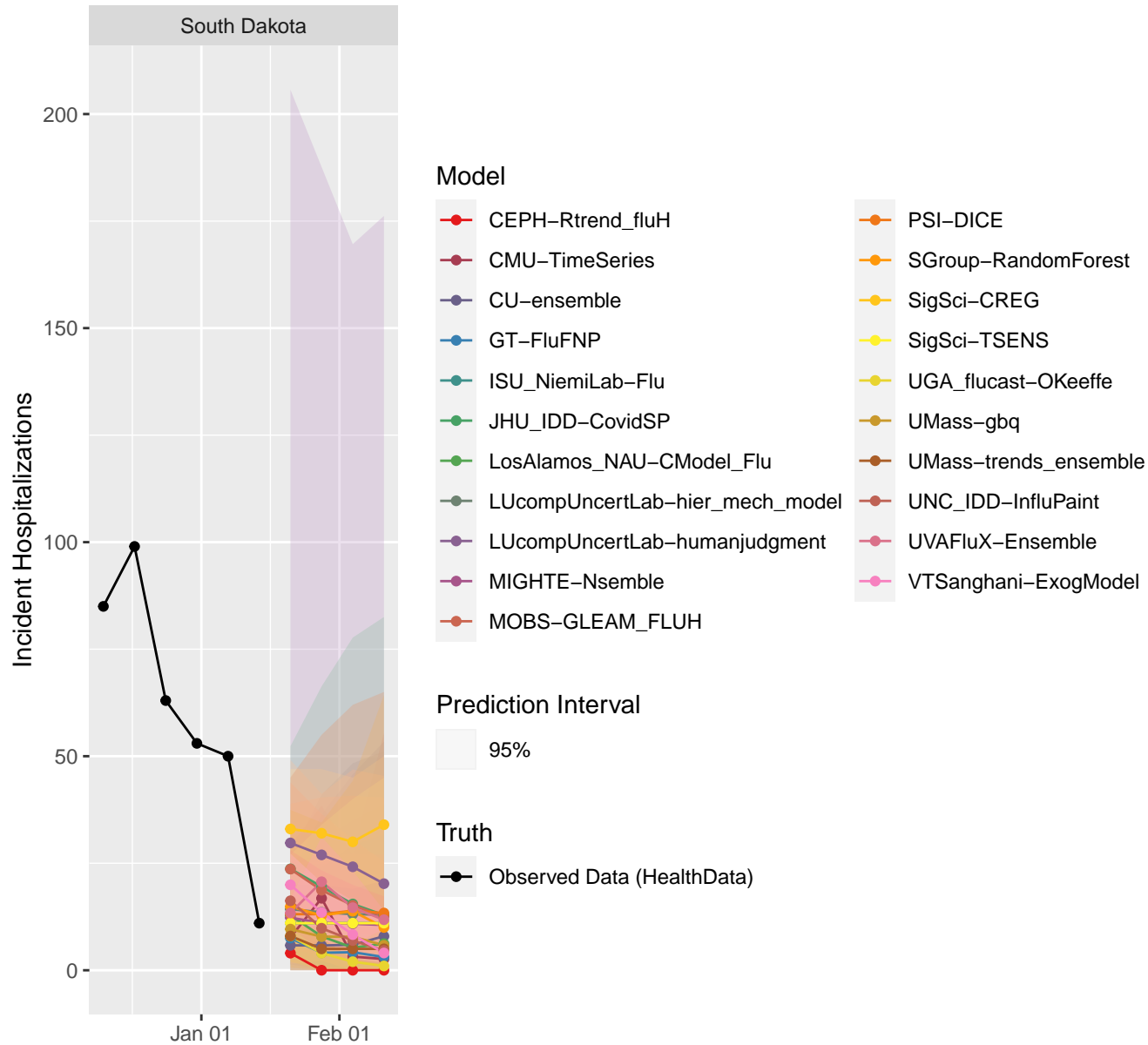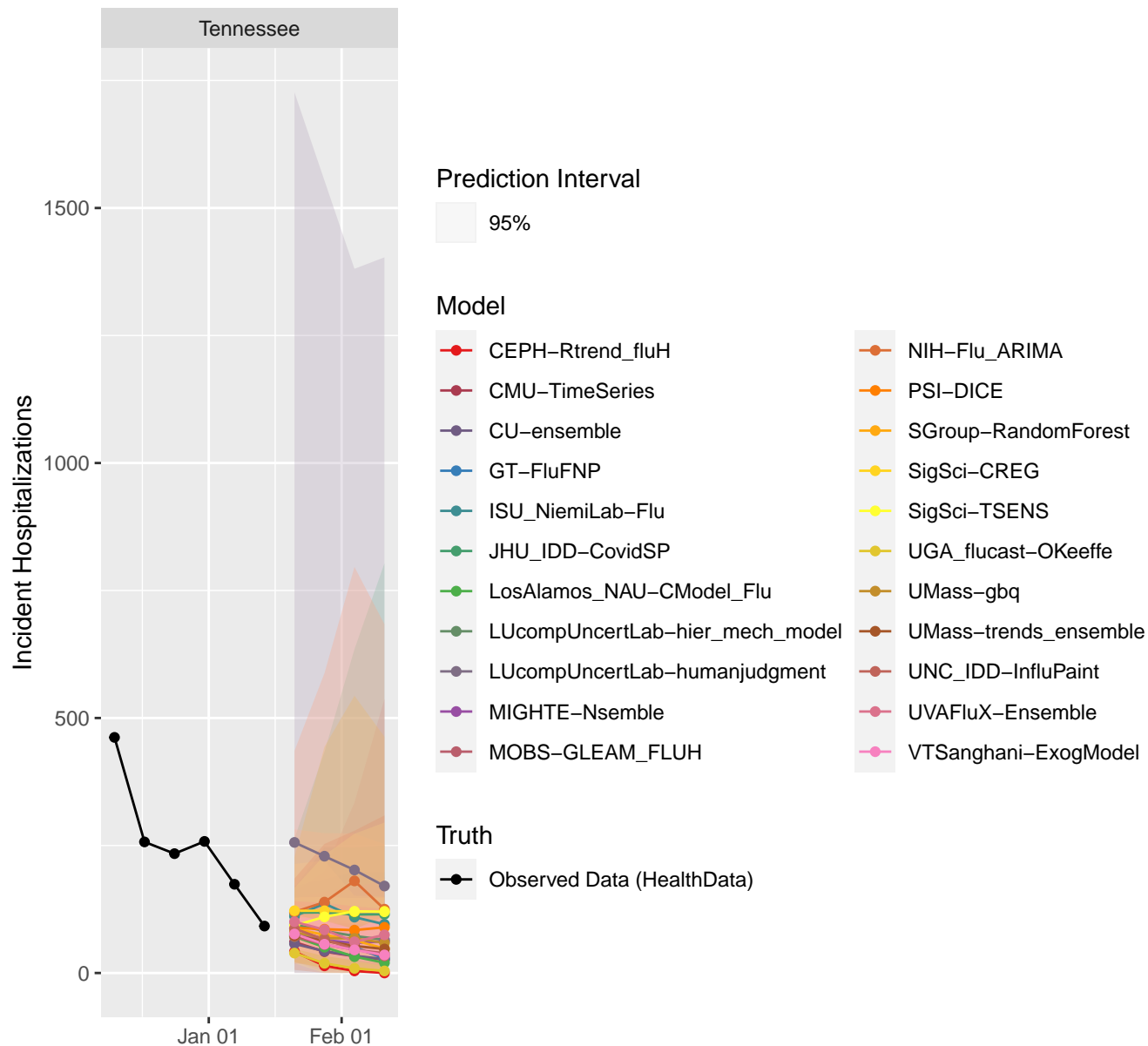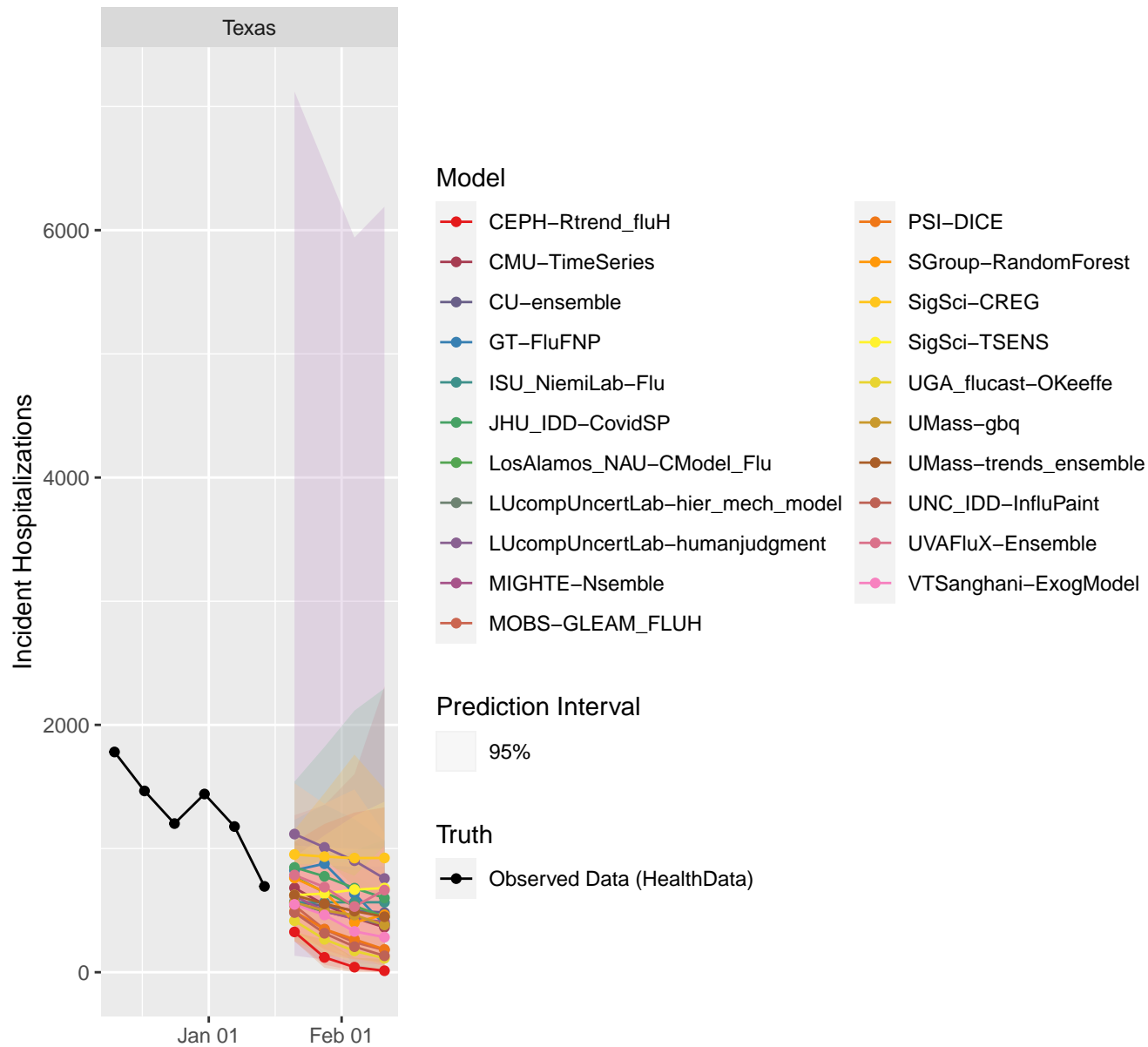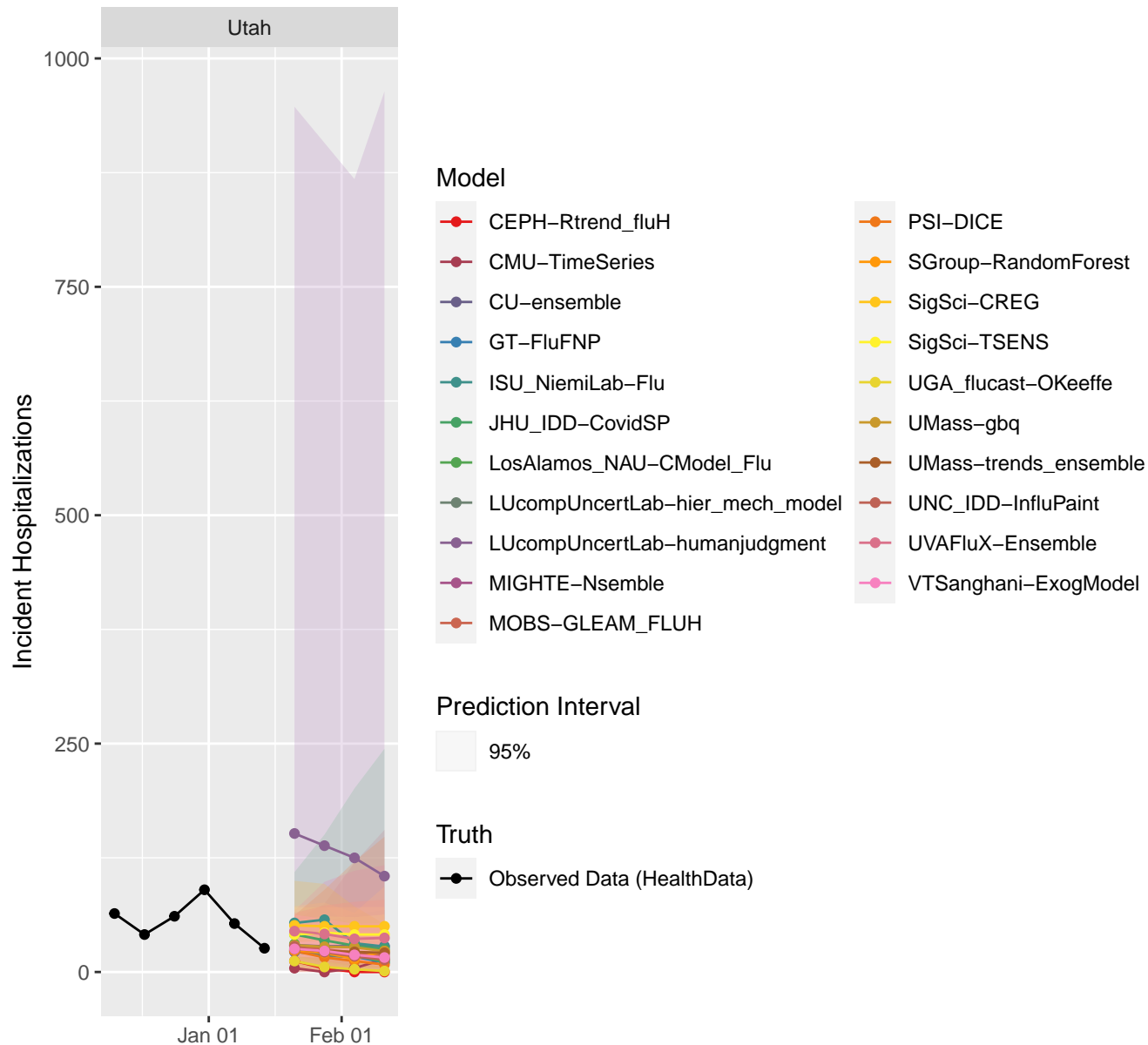
Selected location(s): Texas
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Utah
Selected forecast date(s): 2023−01−16

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Vermont
Selected forecast date(s): 2023−01−16

Vermont

Incident Hospitalizations

150 —

100 —

50 —

0 —

Jan 01   Feb 01

Model

— CEPH−Rtrend_fluH
— CMU−TimeSeries
— CU−ensemble
— GT−FluFNP
— ISU_NiemiLab−Flu
— JHU_IDD−CovidSP
— LosAlamos_NAU−CModel_Flu
— LUcompUncertLab−hier_mech_model
— LUcompUncertLab−humanjudgment
— MIGHTE−Nsemble
— MOBS−GLEAM_FLUH
— PSI−DICE
— SGroup−RandomForest
— SigSci−CREG
— UGA_flucast−OKeeffe
— UMass−gbq
— UMass−trends_ensemble
— UNC_IDD−InfluPaint
— UVAFluX−Ensemble
— VTSanghani−ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
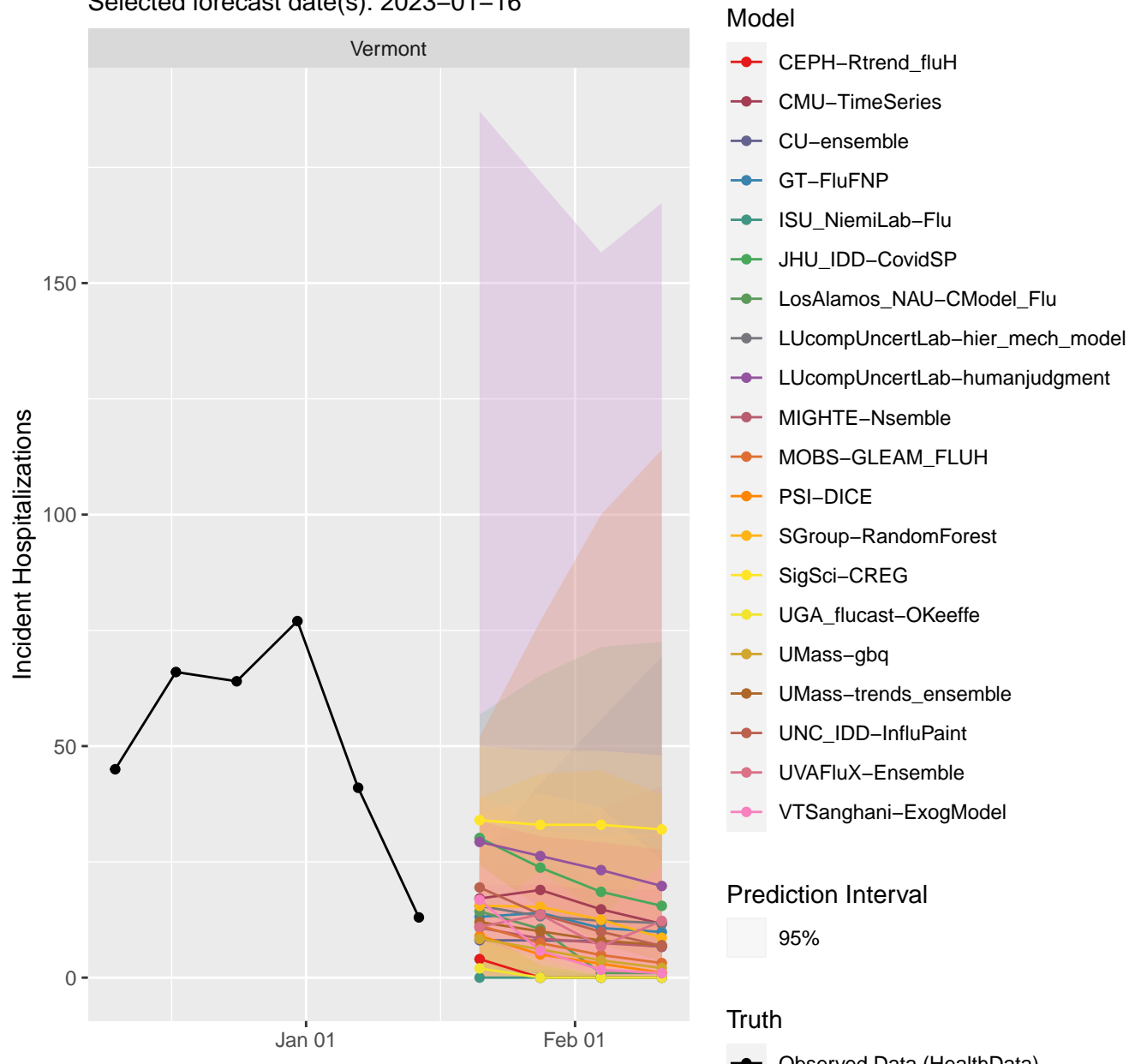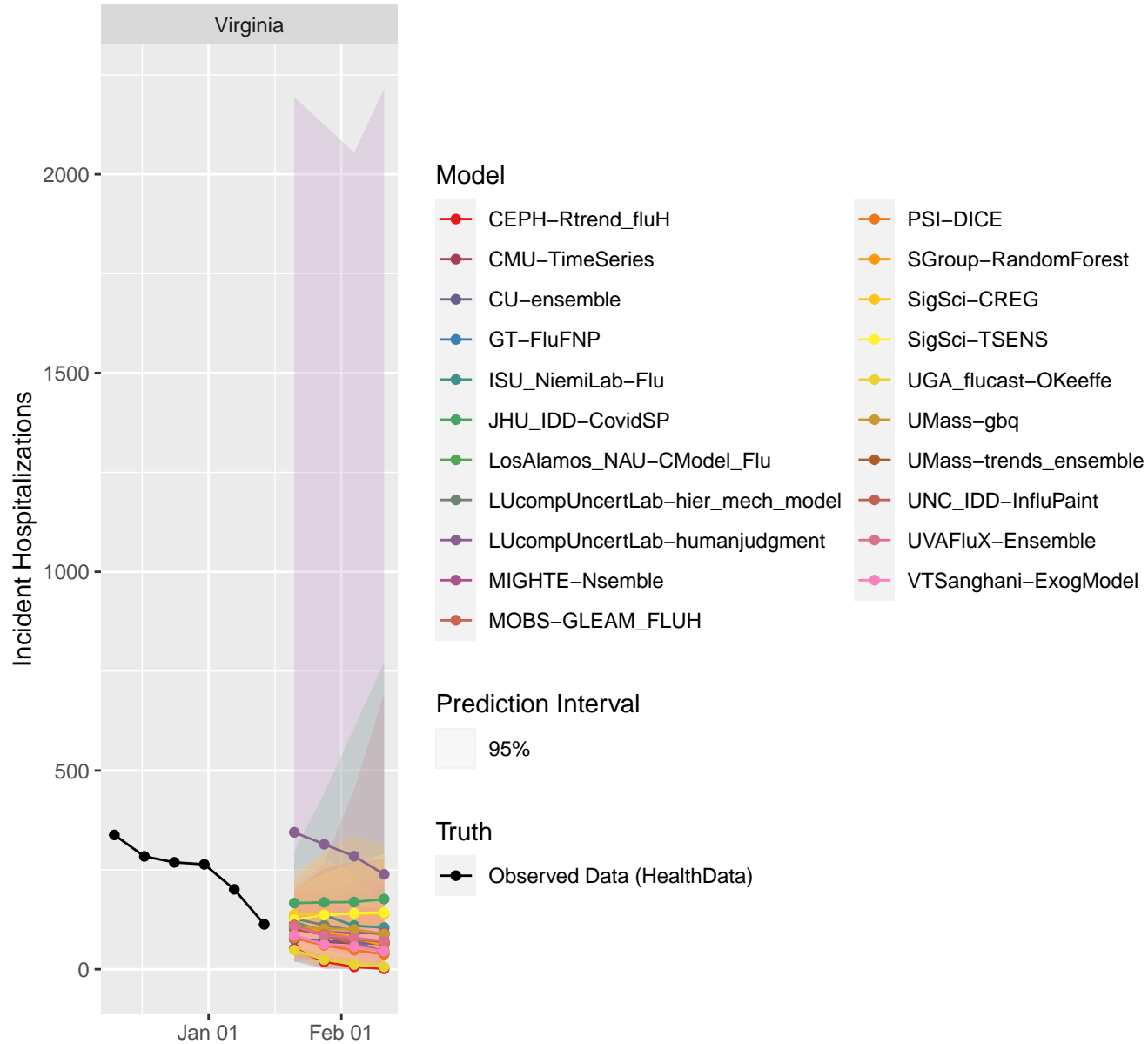
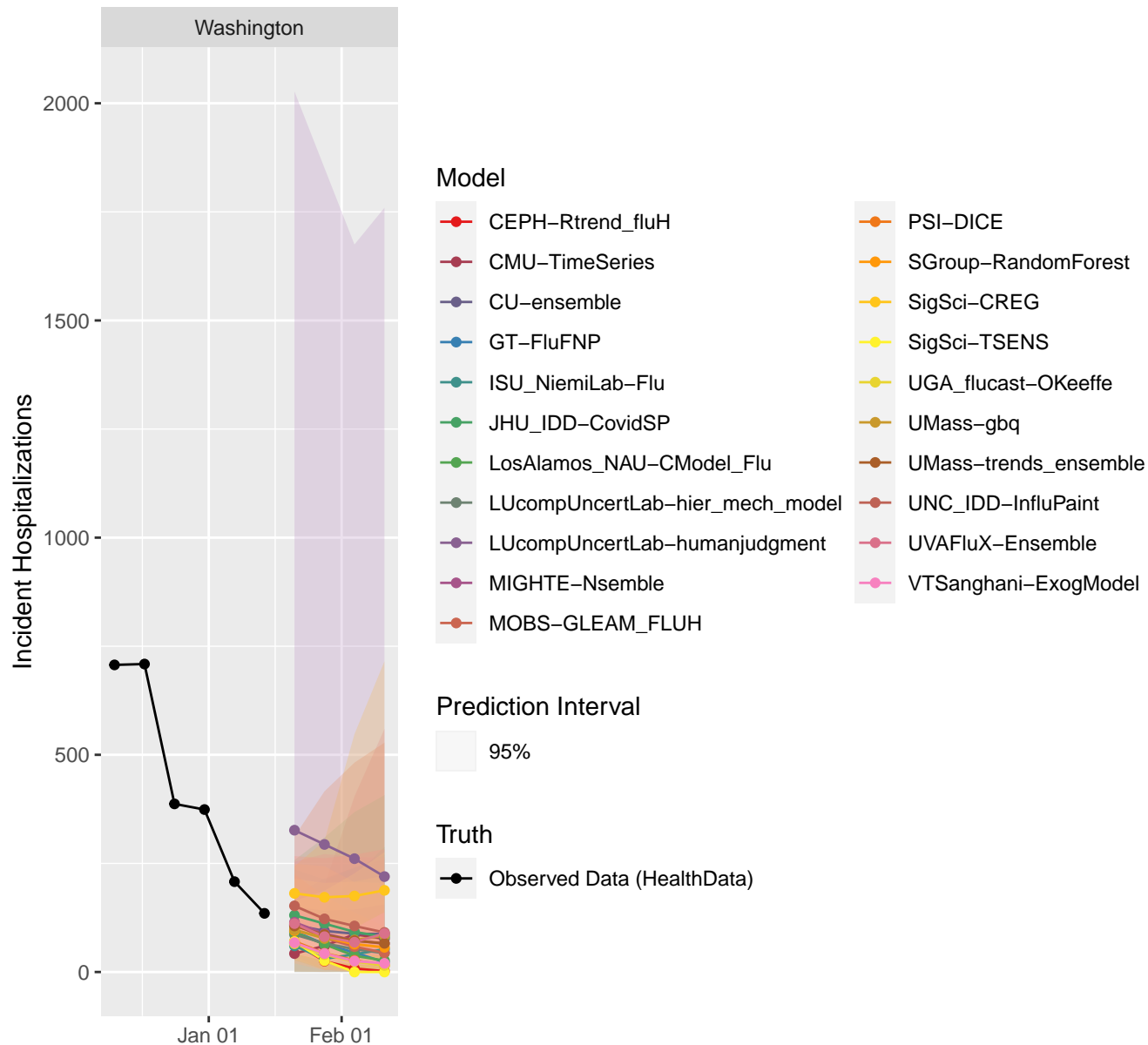Selected location(s): Virginia
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
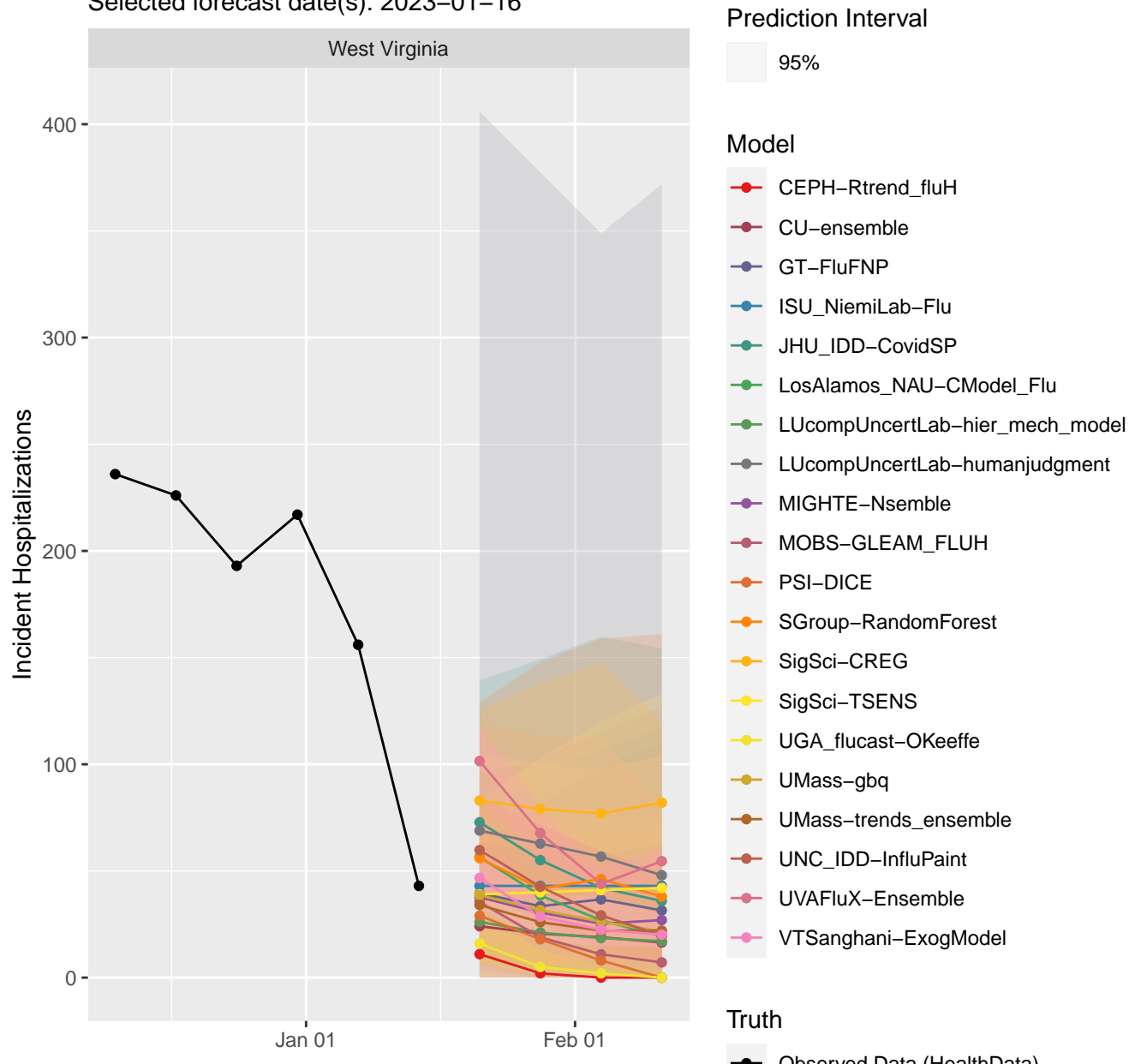
Selected location(s): Washington
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
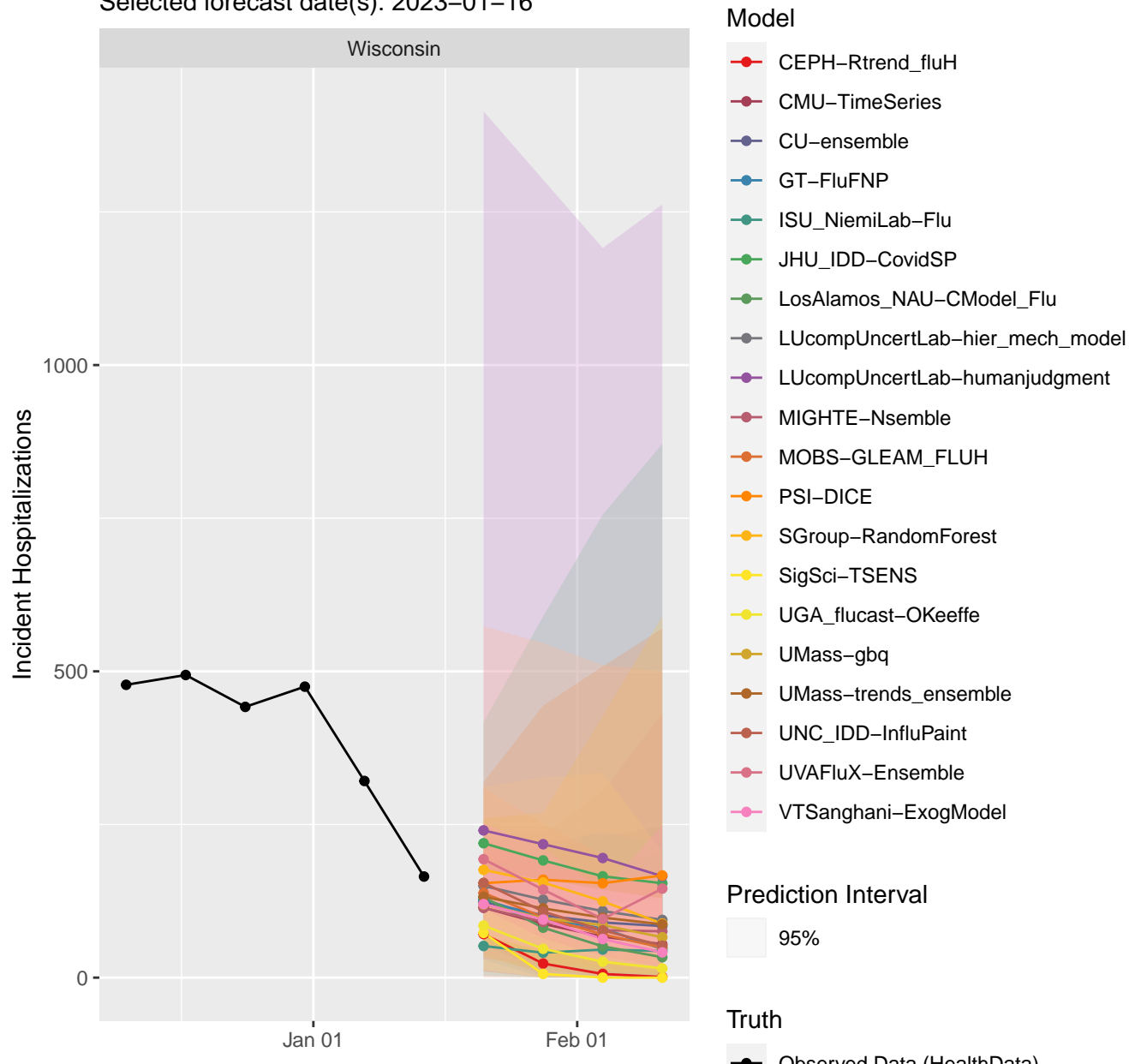
Selected location(s): West Virginia
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Wisconsin
Selected forecast date(s): 2023−01−16

Wisconsin

Incident Hospitalizations

1000

500

0

Jan 01   Feb 01

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−TSENS
- UGA_flucast−OKeeffe
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Wyoming
Selected forecast date(s): 2023–01–16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Puerto Rico
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Virgin Islands
Selected forecast date(s): 2023−01−16

Weekly Influenza Incident Hospitalizations: observed and forecasted
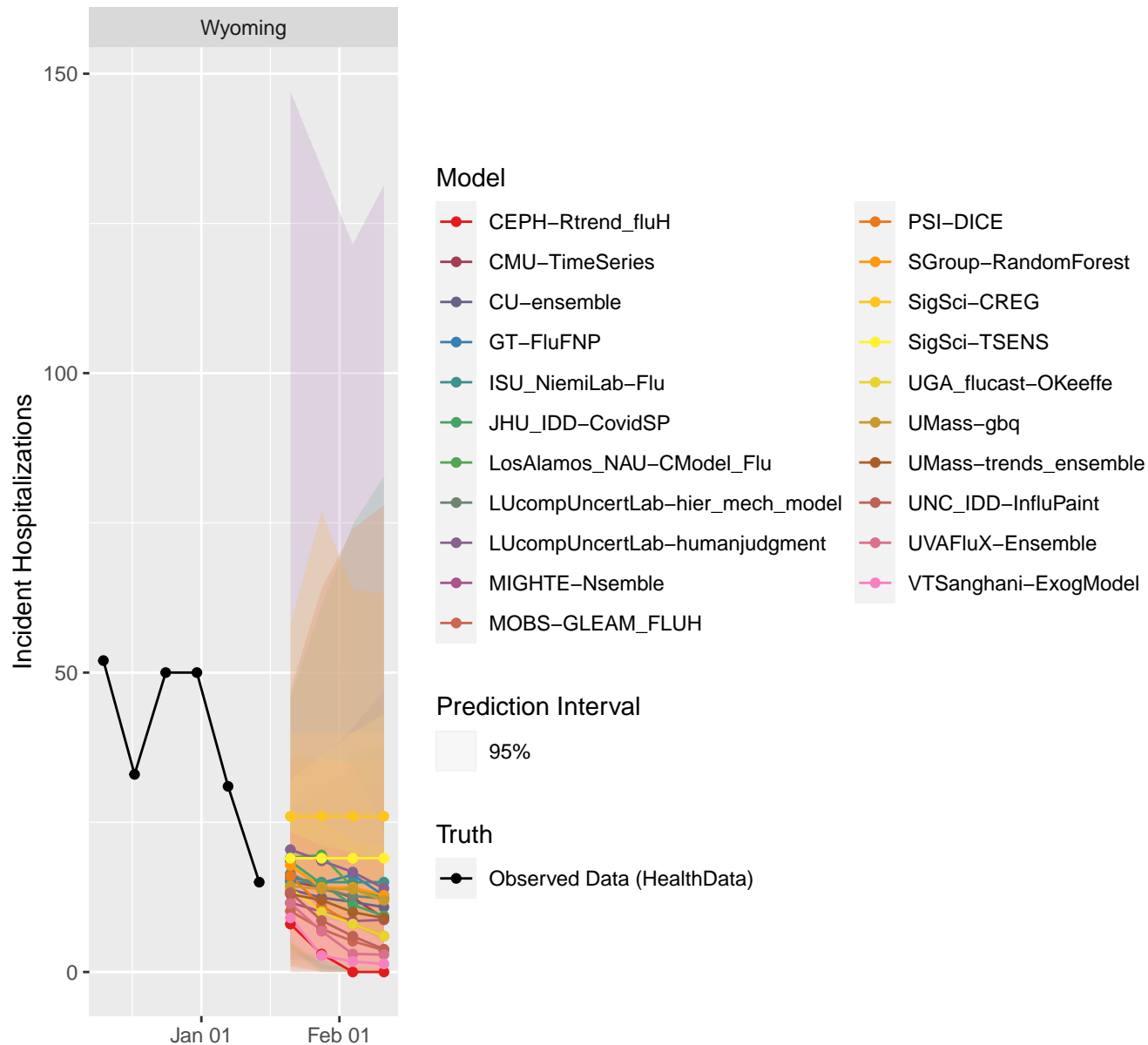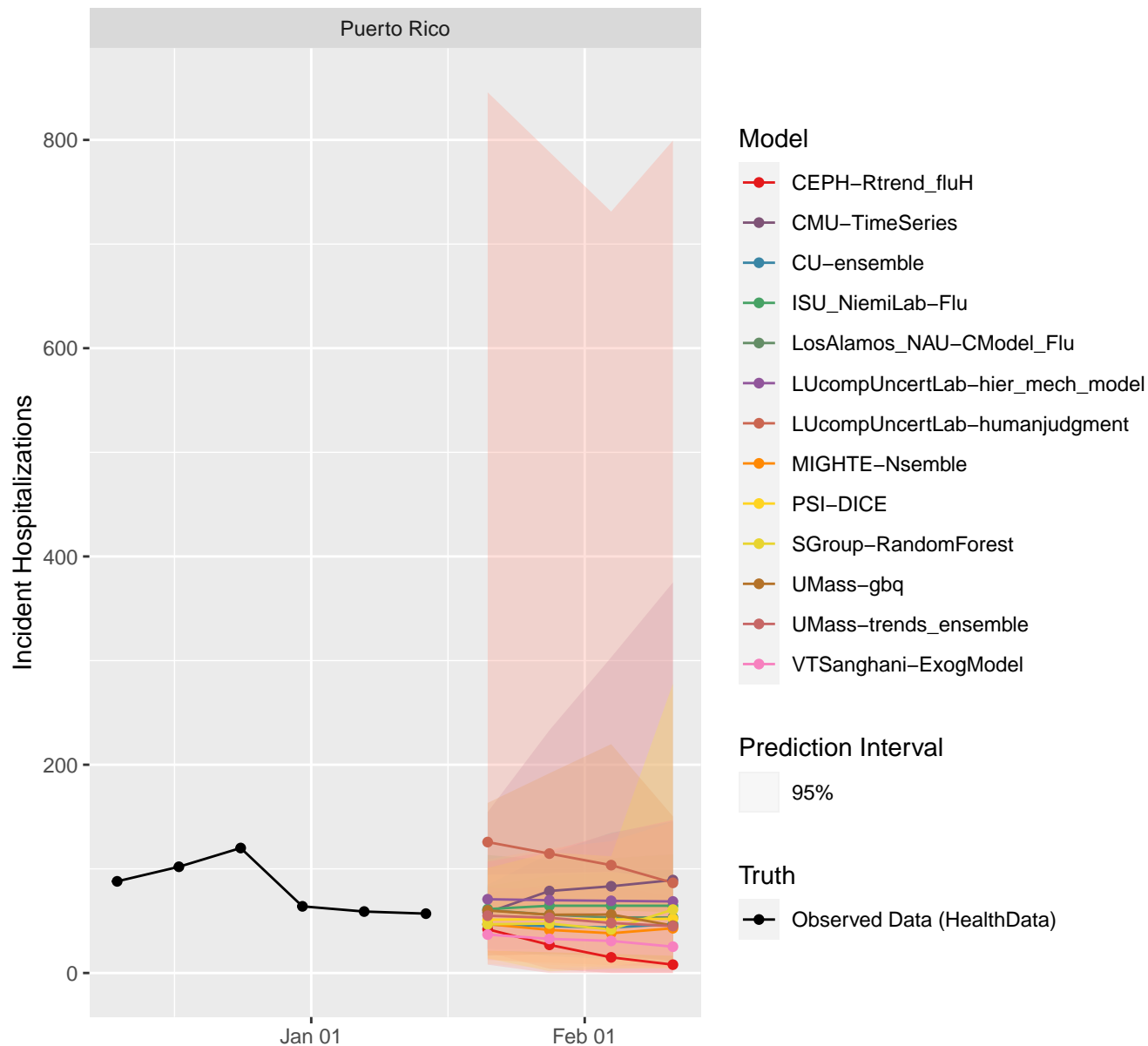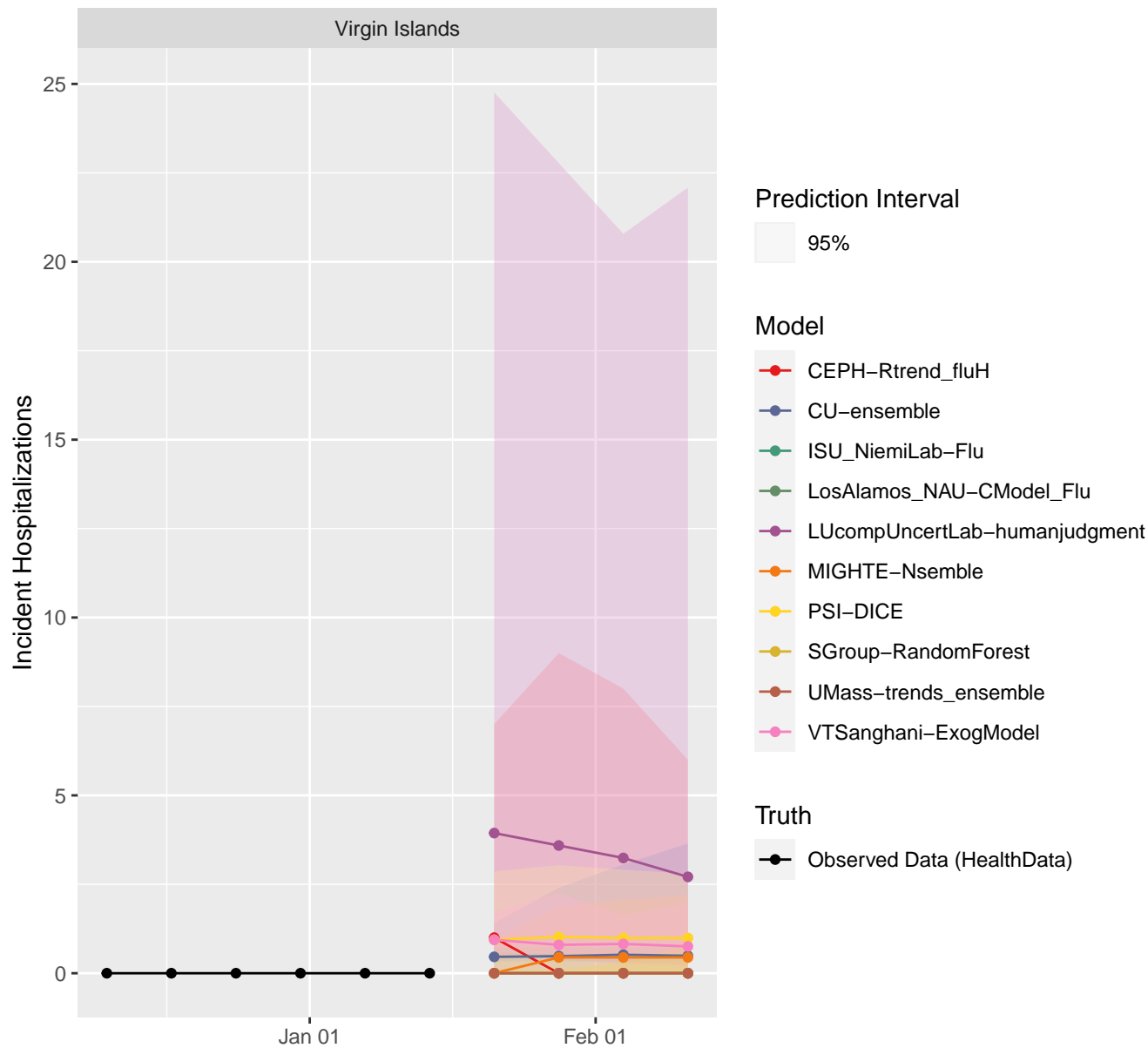
Selected location(s): United States
Selected forecast date(s): 2023−01−16

United States

Incident Hospitalizations

150000 -

100000 -

50000 -

0 -

Jan 01   Feb 01

Prediction Interval

95%

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
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- ISU_NiemiLab−Flu
- JHU_IDD−CovidSP
- LUcompUncertLab−hier_mech_model
- LUcompUncertLab−humanjudgment
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- NIH−Flu_ARIMA
- PSI−DICE
- SGroup−RandomForest
- UGA_flucast−OKeeffe
- UGuelph−FluPLUG
- UMass−gbq
- UMass−trends_ensemble
- UNC_IDD−InfluPaint
- UVAFluX−Ensemble
- VTSanghani−ExogModel

Truth

- Observed Data (HealthData)