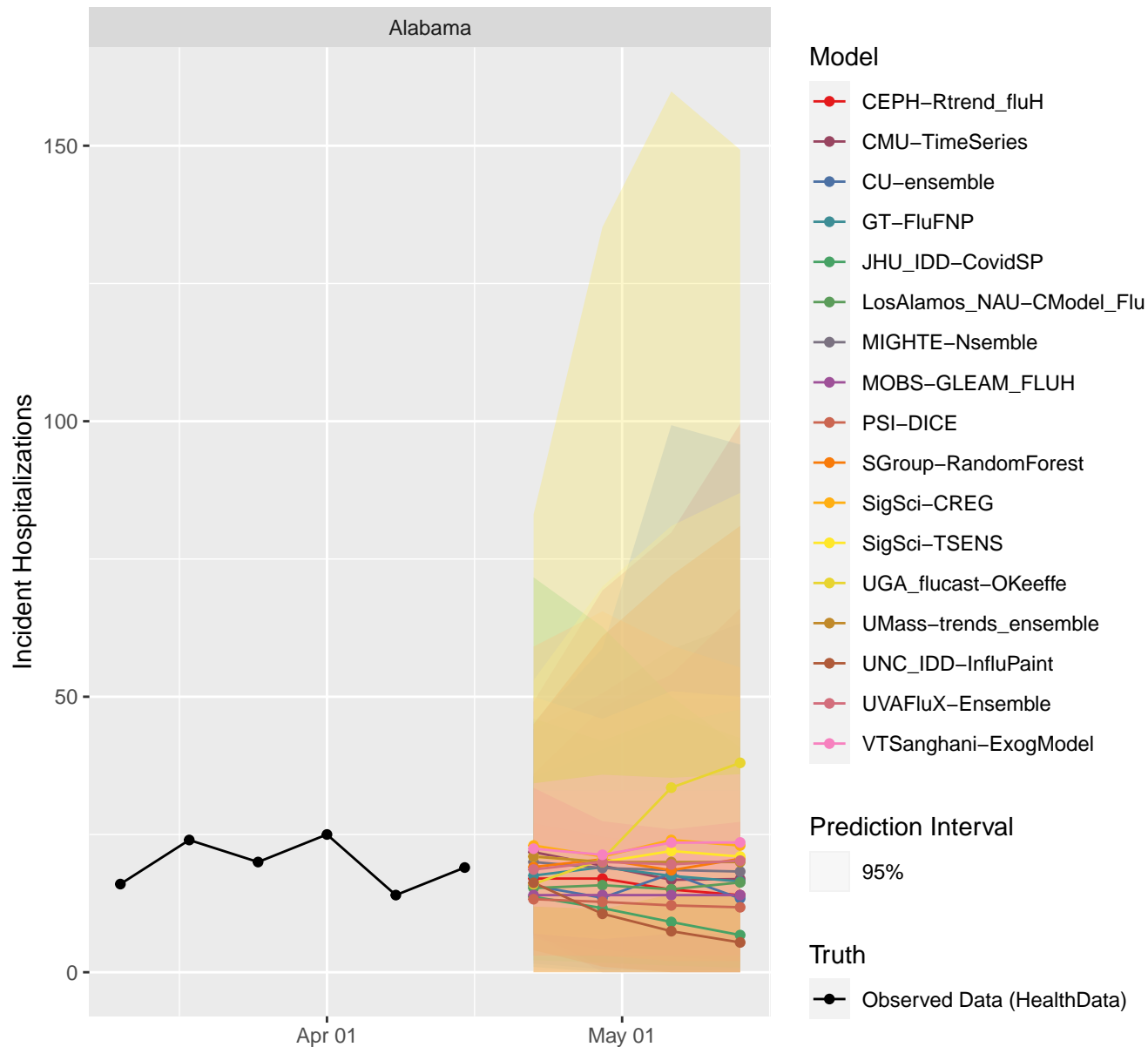# Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Alabama
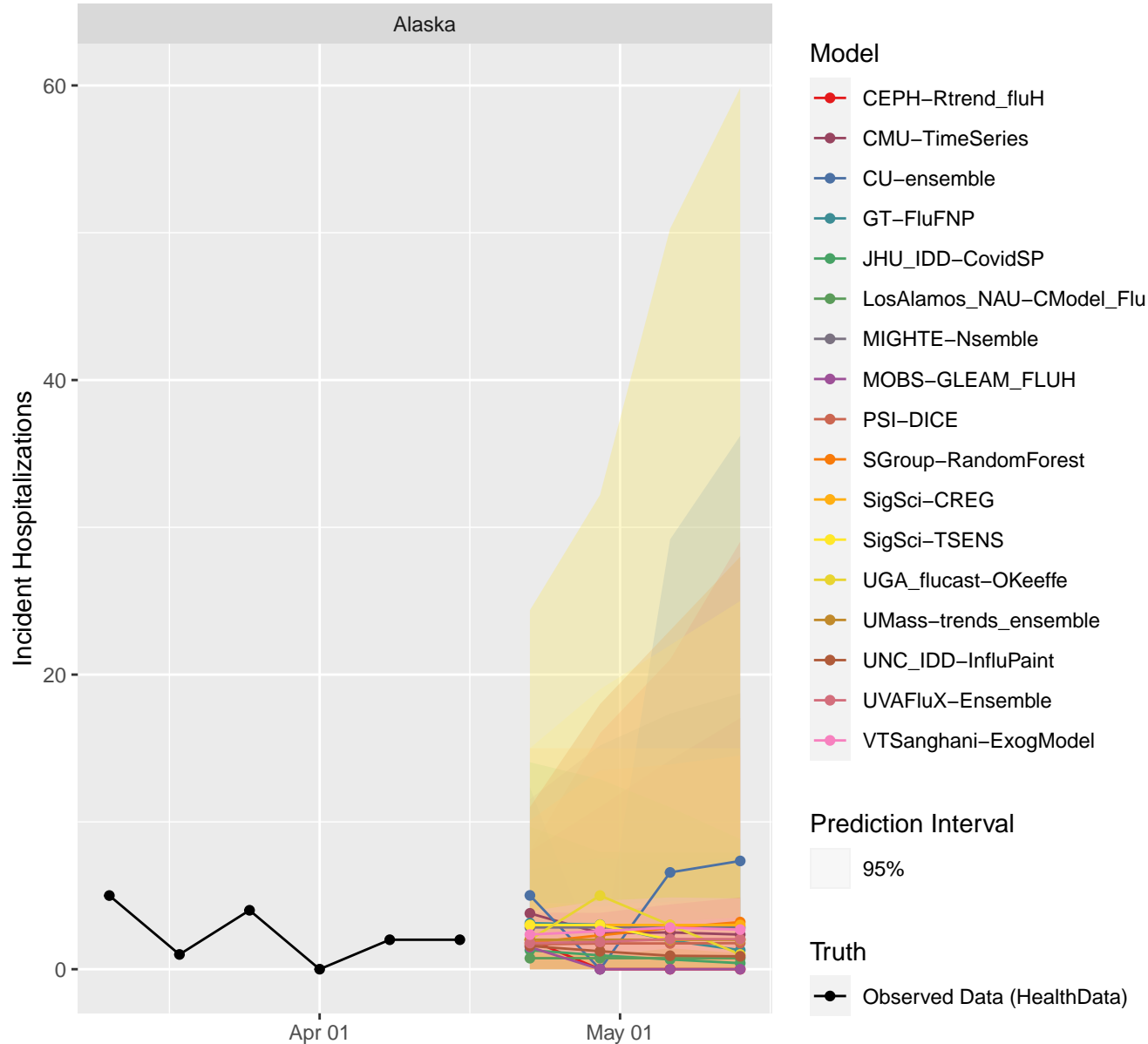Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

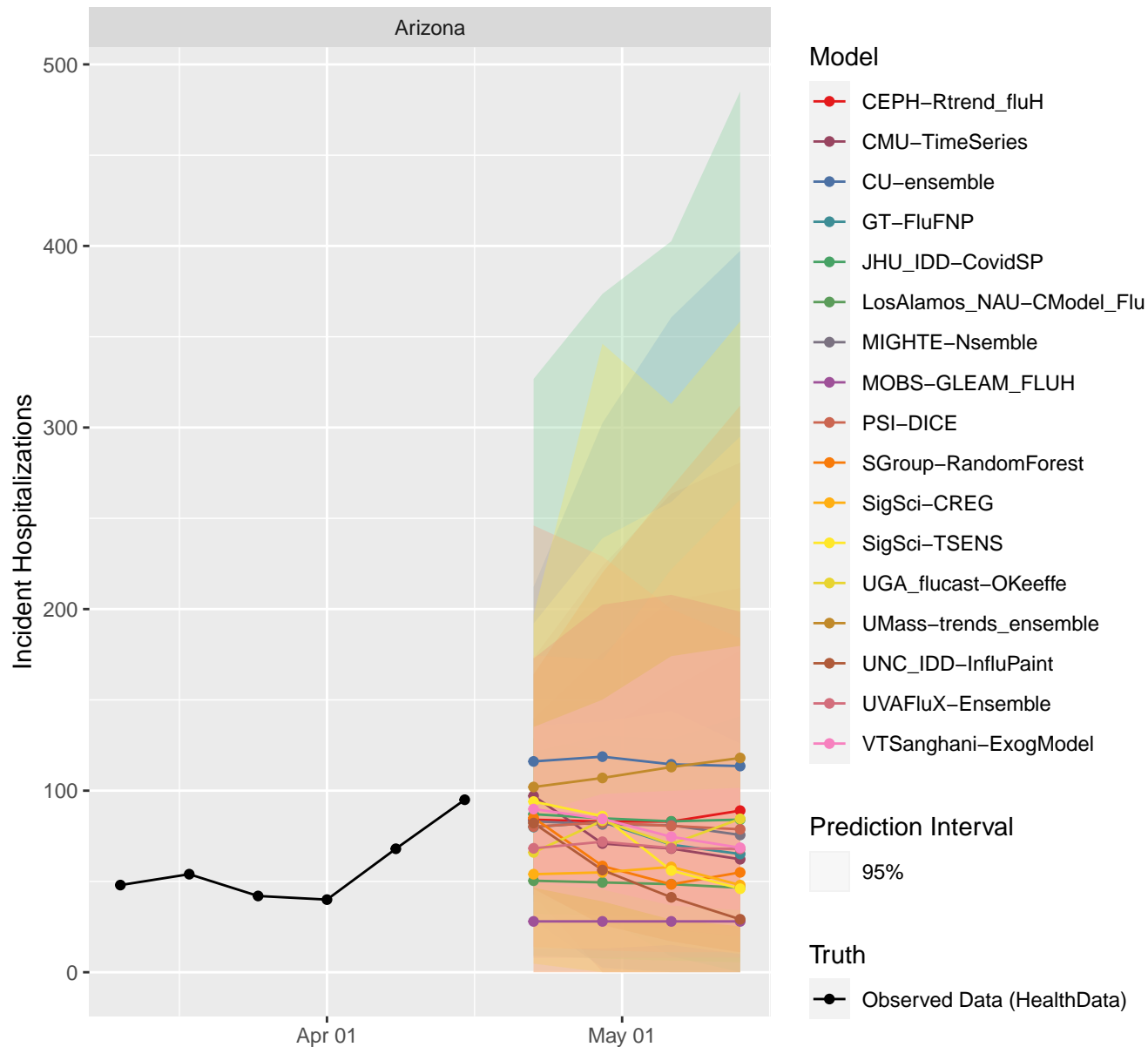Selected location(s): Alaska
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Arizona
Selected forecast date(s): 2023–04–17

Model

- CEPH–Rtrend_fluH
- CMU–TimeSeries
- CU–ensemble
- GT–FluFNP
- JHU_IDD–CovidSP
- LosAlamos_NAU–CModel_Flu
- MIGHTE–Nsemble
- MOBS–GLEAM_FLUH
- PSI–DICE
- SGroup–RandomForest
- SigSci–CREG
- SigSci–TSENS
- UGA_flucast–OKeeffe
- 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): Arkansas
Selected forecast date(s): 2023–04–17

Model

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

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
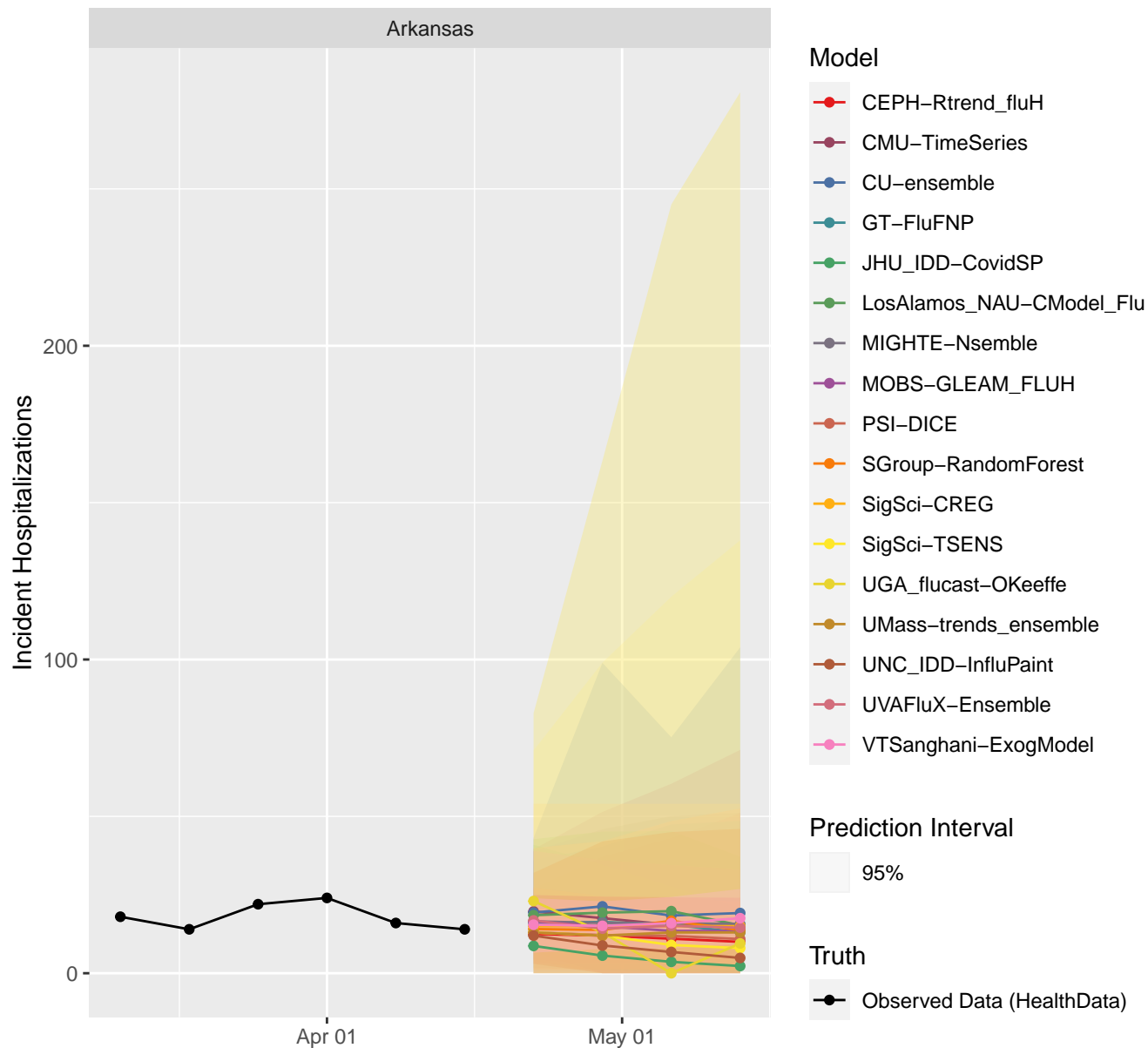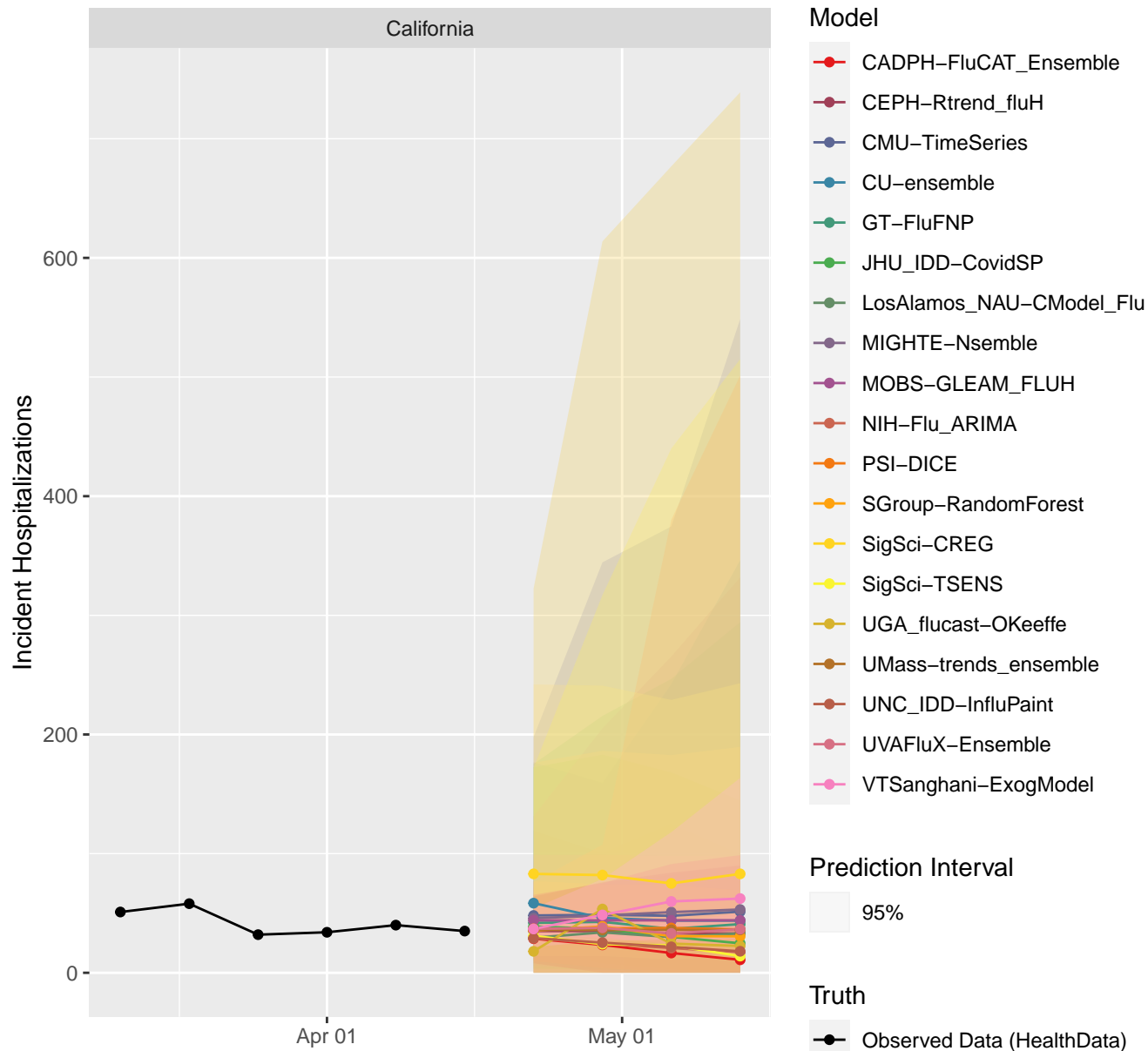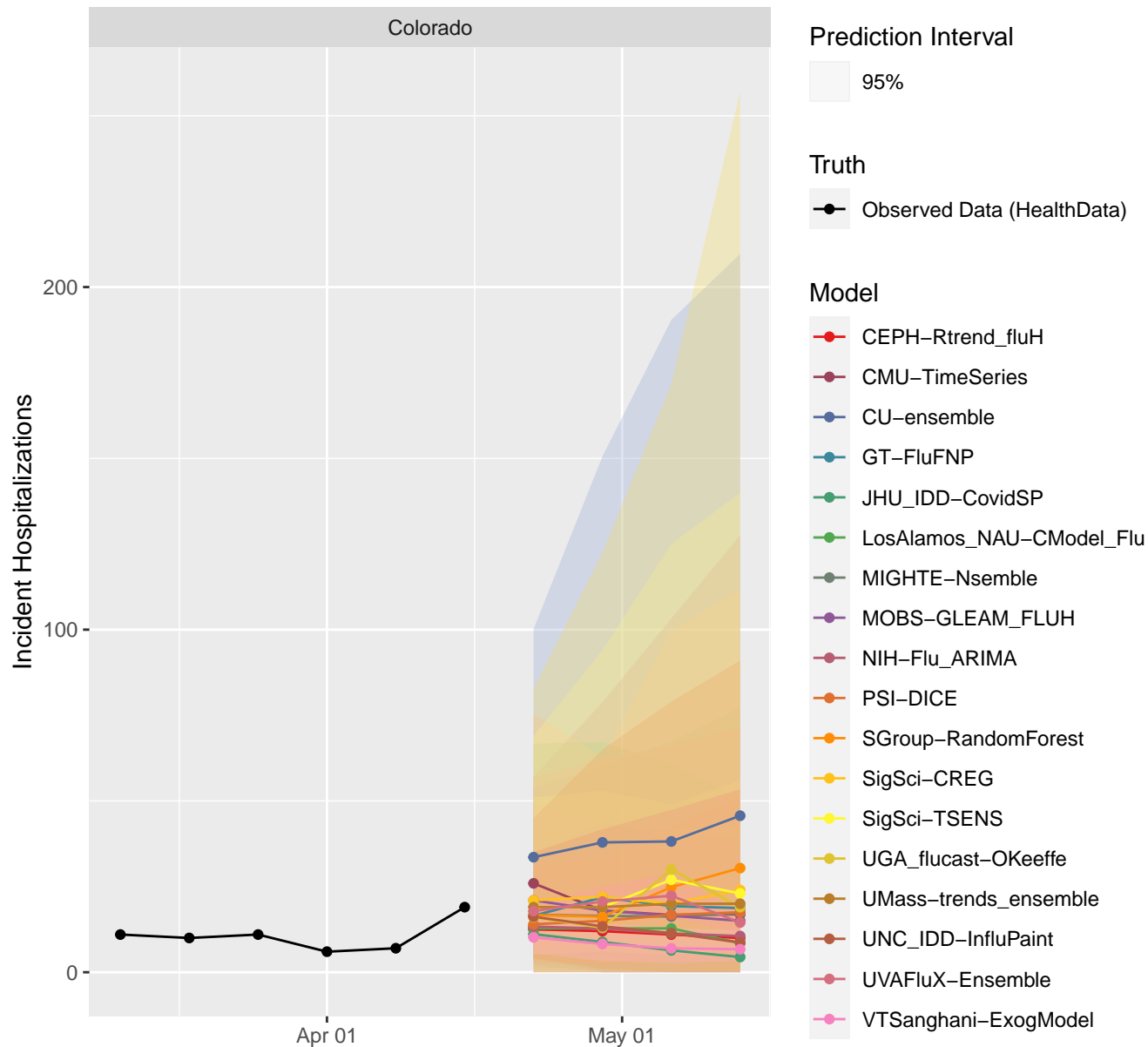
Selected location(s): California
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
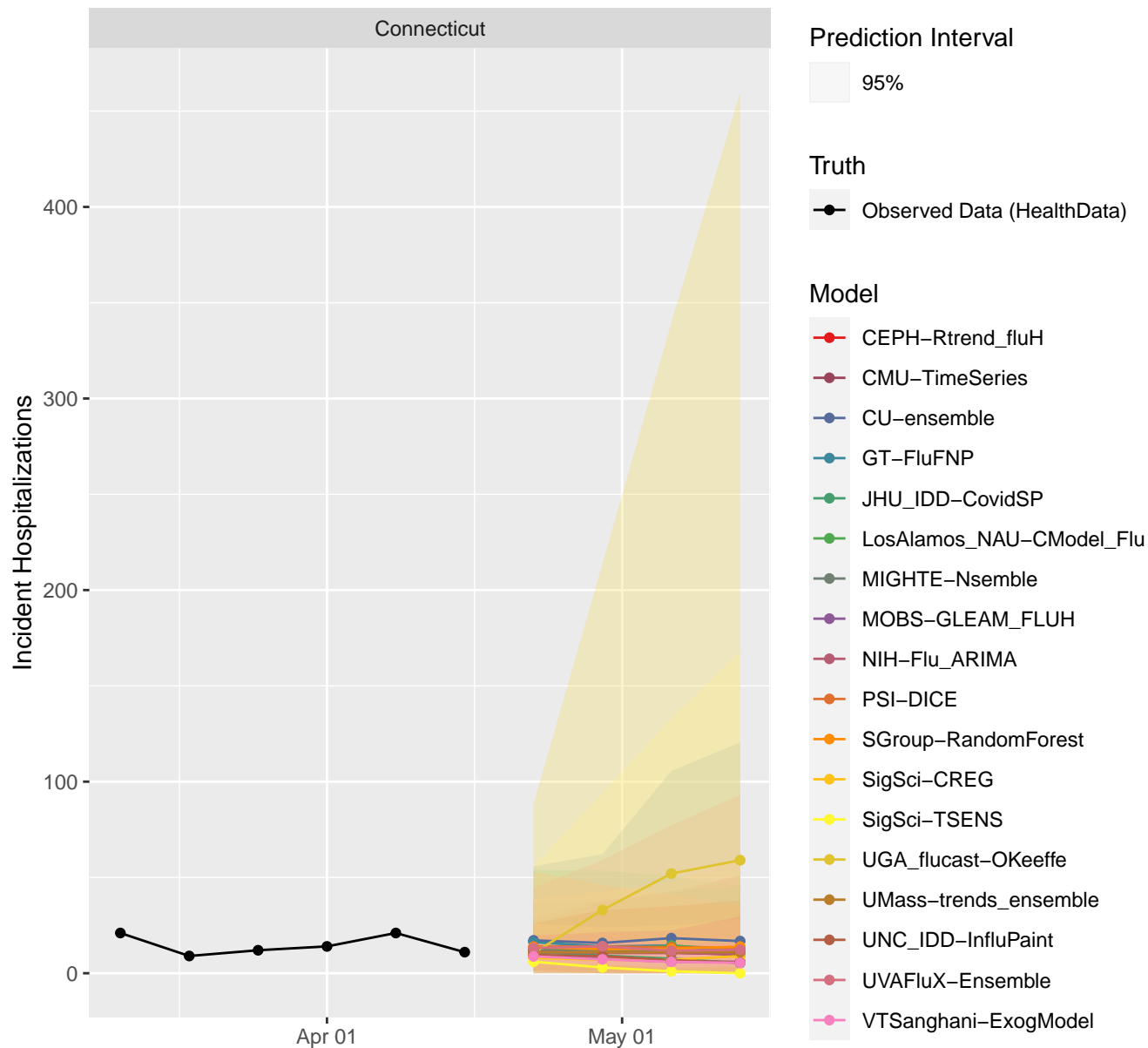
Selected location(s): Colorado
Selected forecast date(s): 2023–04–17

Prediction Interval

95%

Truth

Observed Data (HealthData)

Model

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

Weekly Influenza Incident Hospitalizations: observed and forecasted
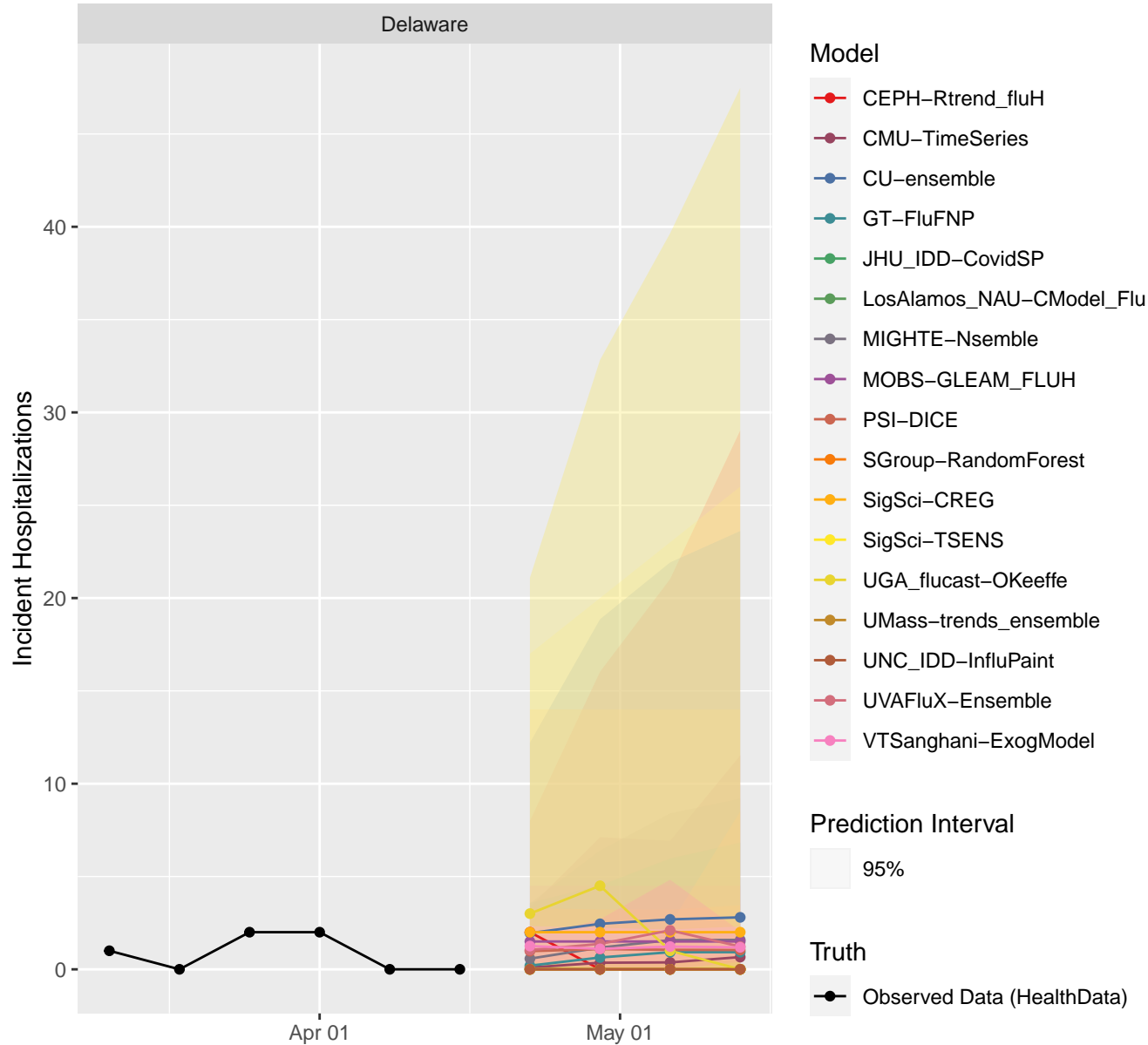
Selected location(s): Connecticut
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
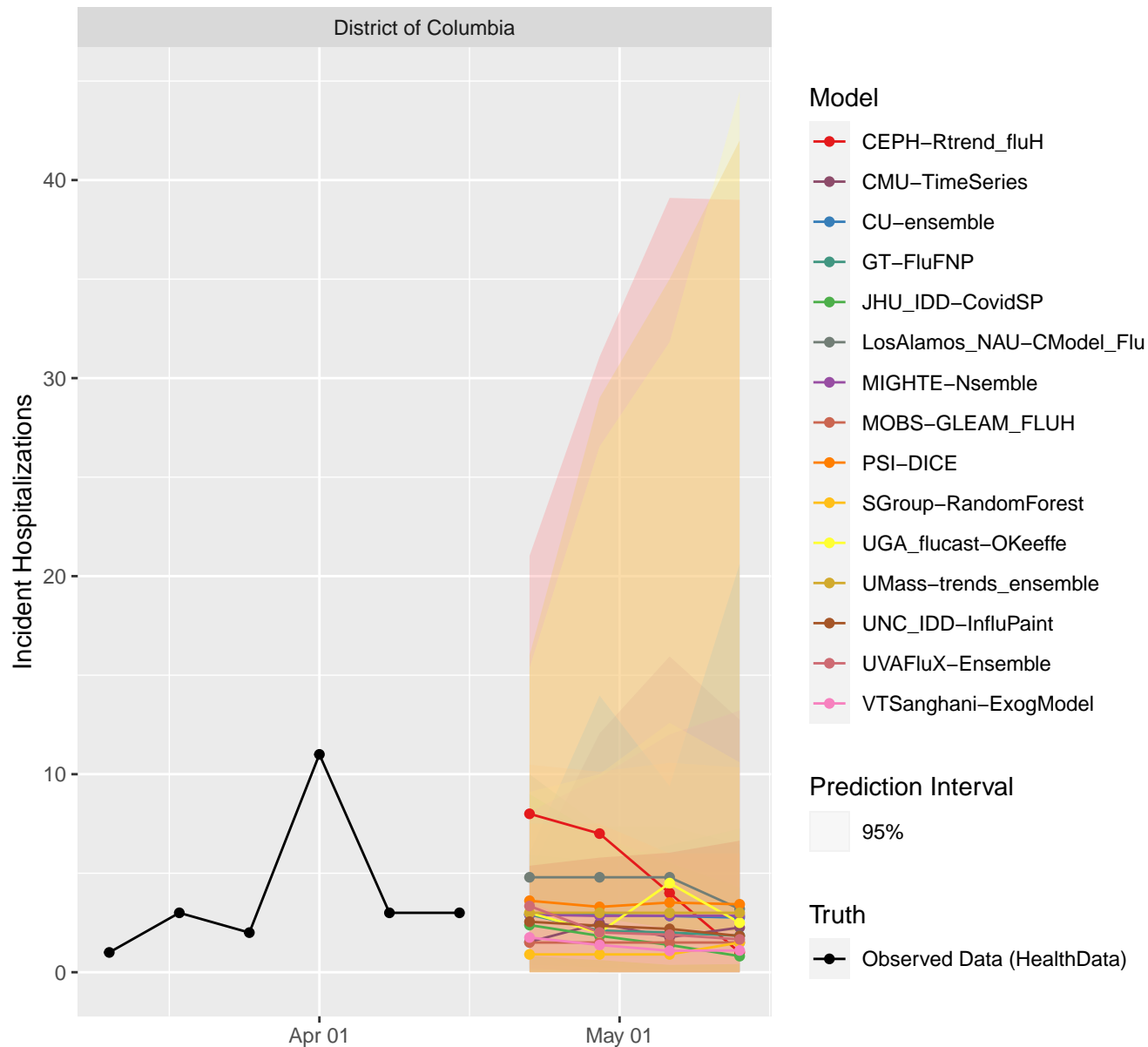
Selected location(s): Delaware
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

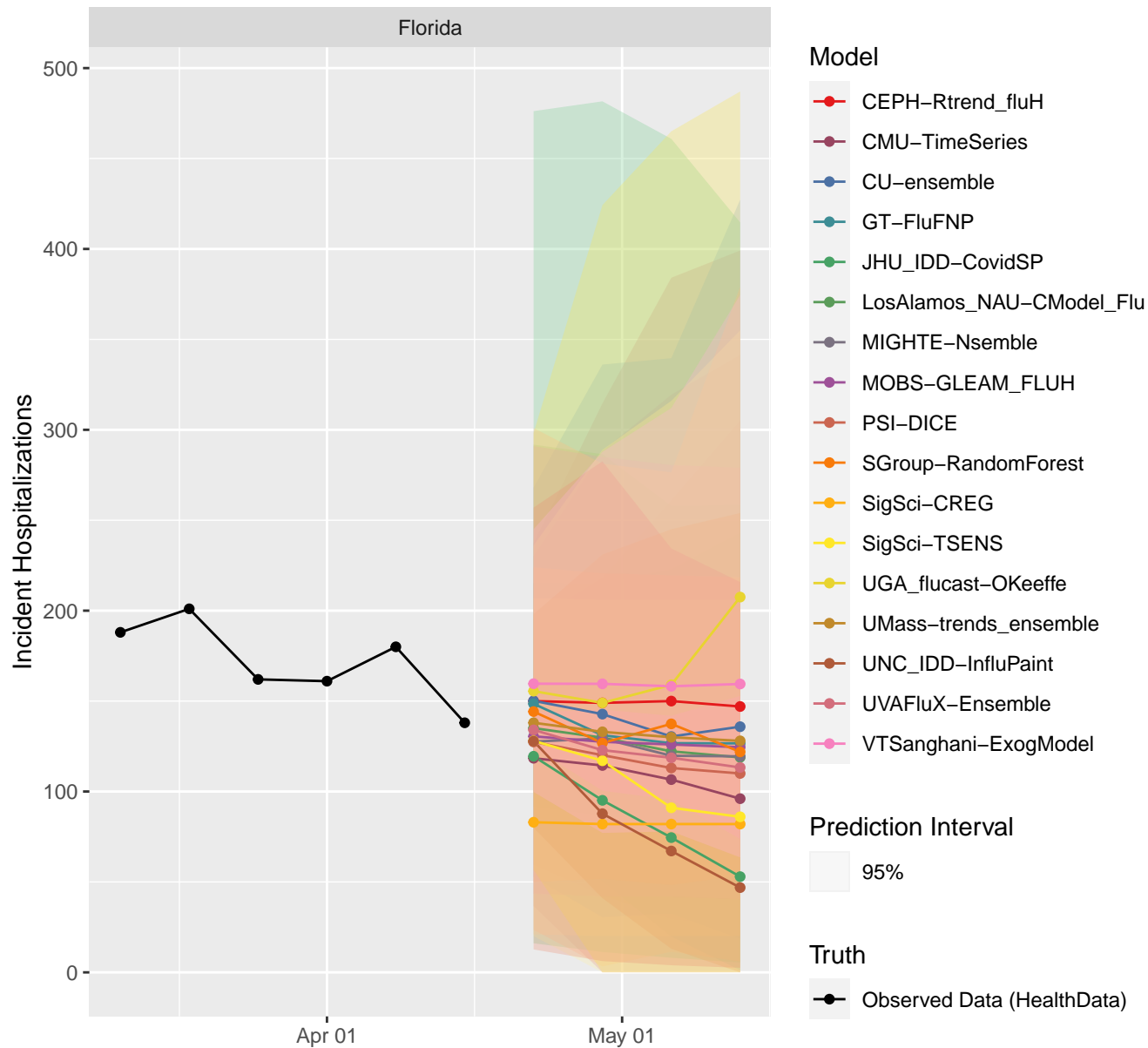Selected location(s): District of Columbia
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

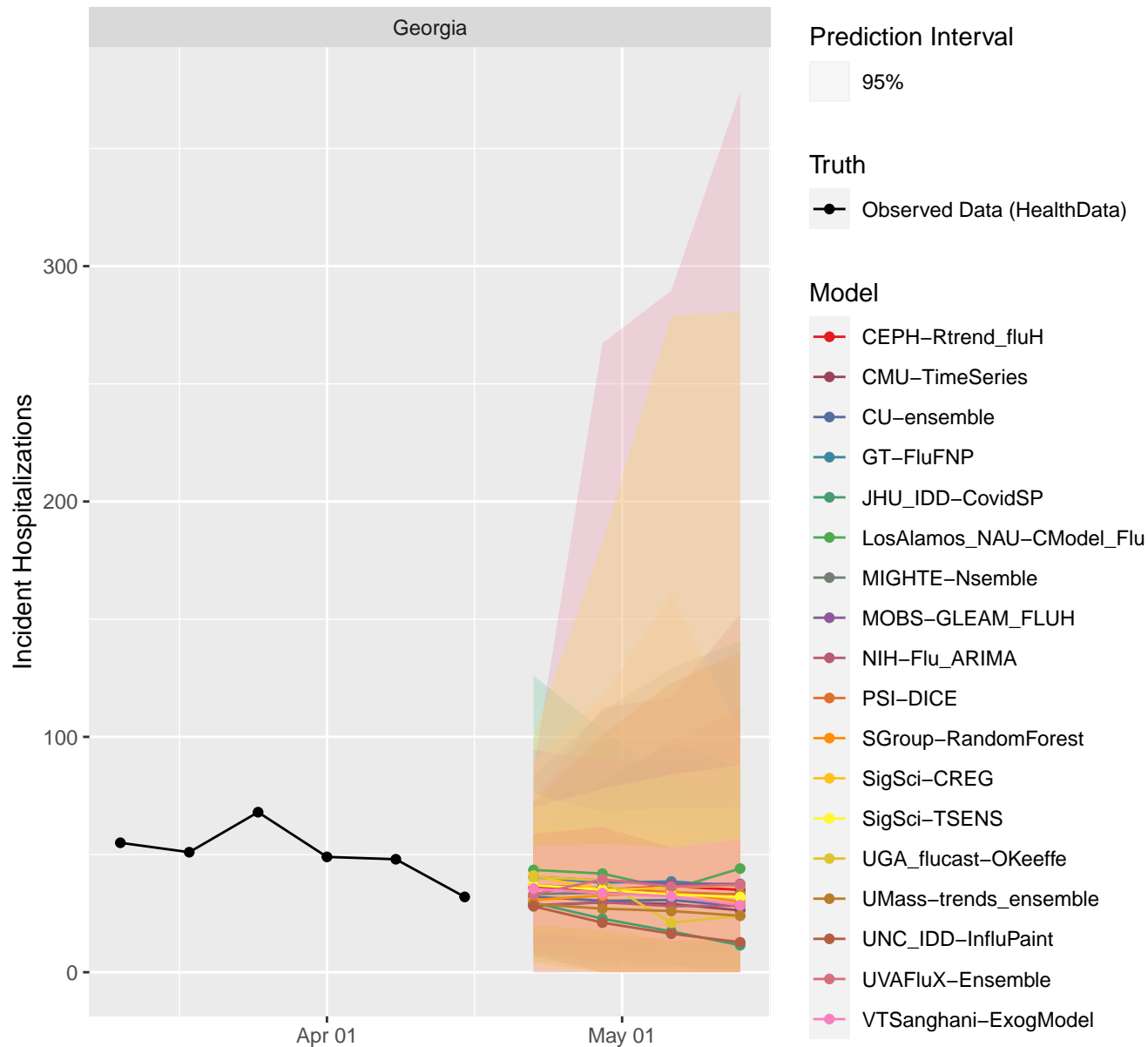Selected location(s): Florida
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted
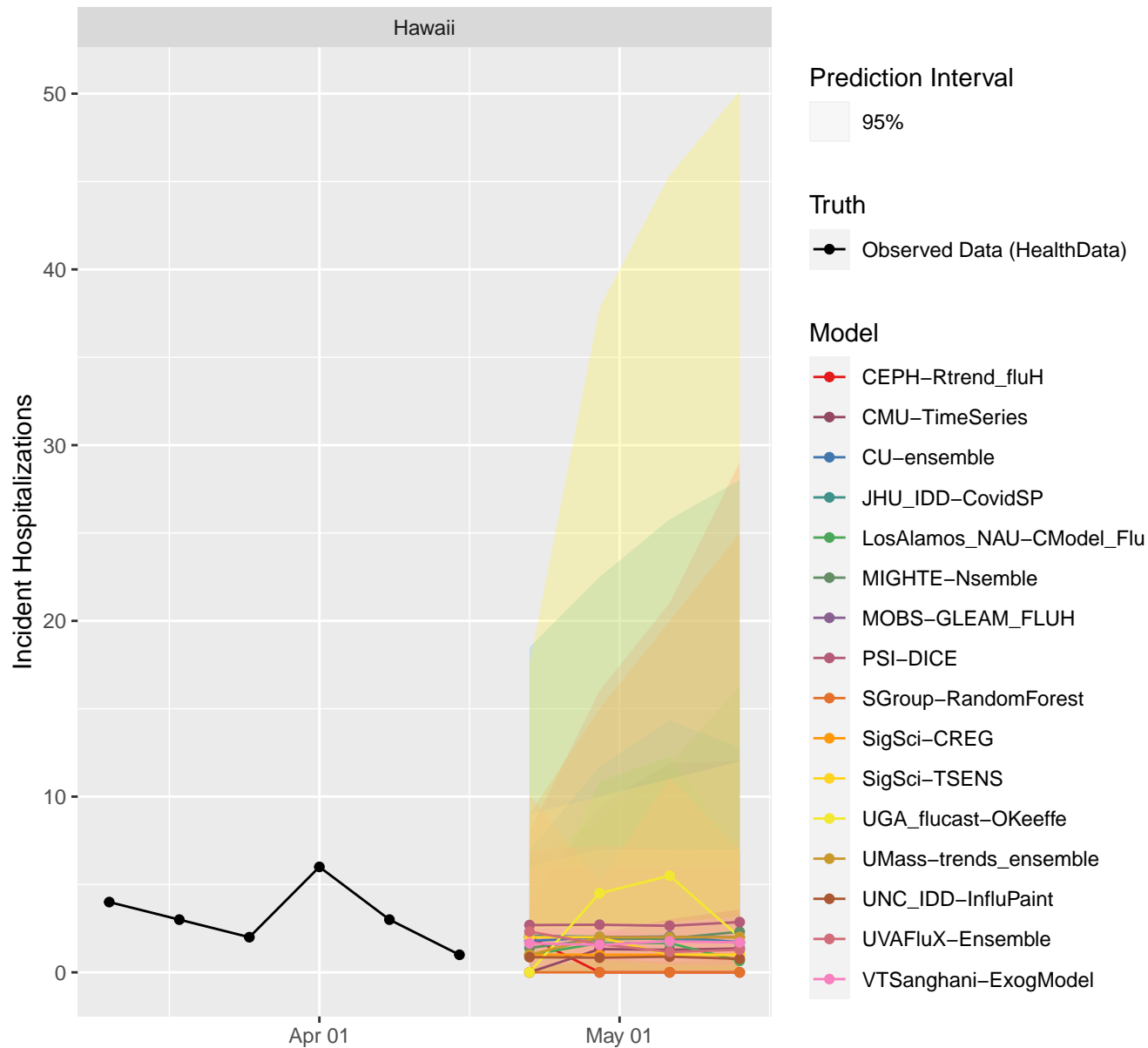
Selected location(s): Georgia
Selected forecast date(s): 2023–04–17

Georgia

Incident Hospitalizations

300

200

100

0

Apr 01   May 01

Prediction Interval

95%

Truth

● Observed Data (HealthData)

Model

● CEPH–Rtrend_fluH
● CMU–TimeSeries
● CU–ensemble
● GT–FluFNP
● JHU_IDD–CovidSP
● LosAlamos_NAU–CModel_Flu
● MIGHTE–Nsemble
● MOBS–GLEAM_FLUH
● NIH–Flu_ARIMA
● PSI–DICE
● SGroup–RandomForest
● SigSci–CREG
● SigSci–TSENS
● UGA_flucast–OKeeffe
● UMass–trends_ensemble
● UNC_IDD–InfluPaint
● UVAFluX–Ensemble
● VTSanghani–ExogModel

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Hawaii
Selected forecast date(s): 2023–04–17

Prediction Interval

95%

Truth

Observed Data (HealthData)

Model

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

Weekly Influenza Incident Hospitalizations: observed and forecasted

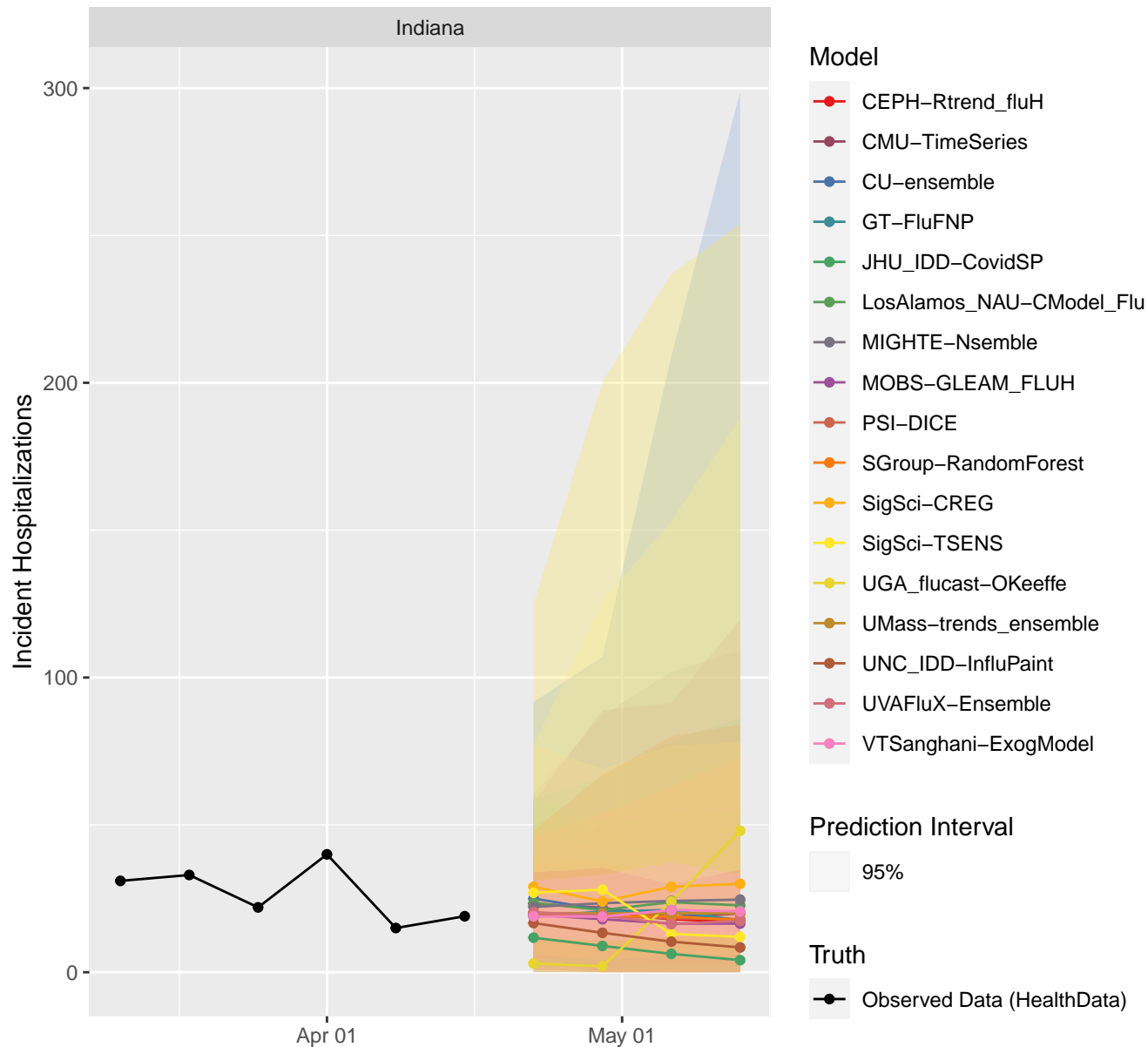Selected location(s): Idaho
Selected forecast date(s): 2023–04–17
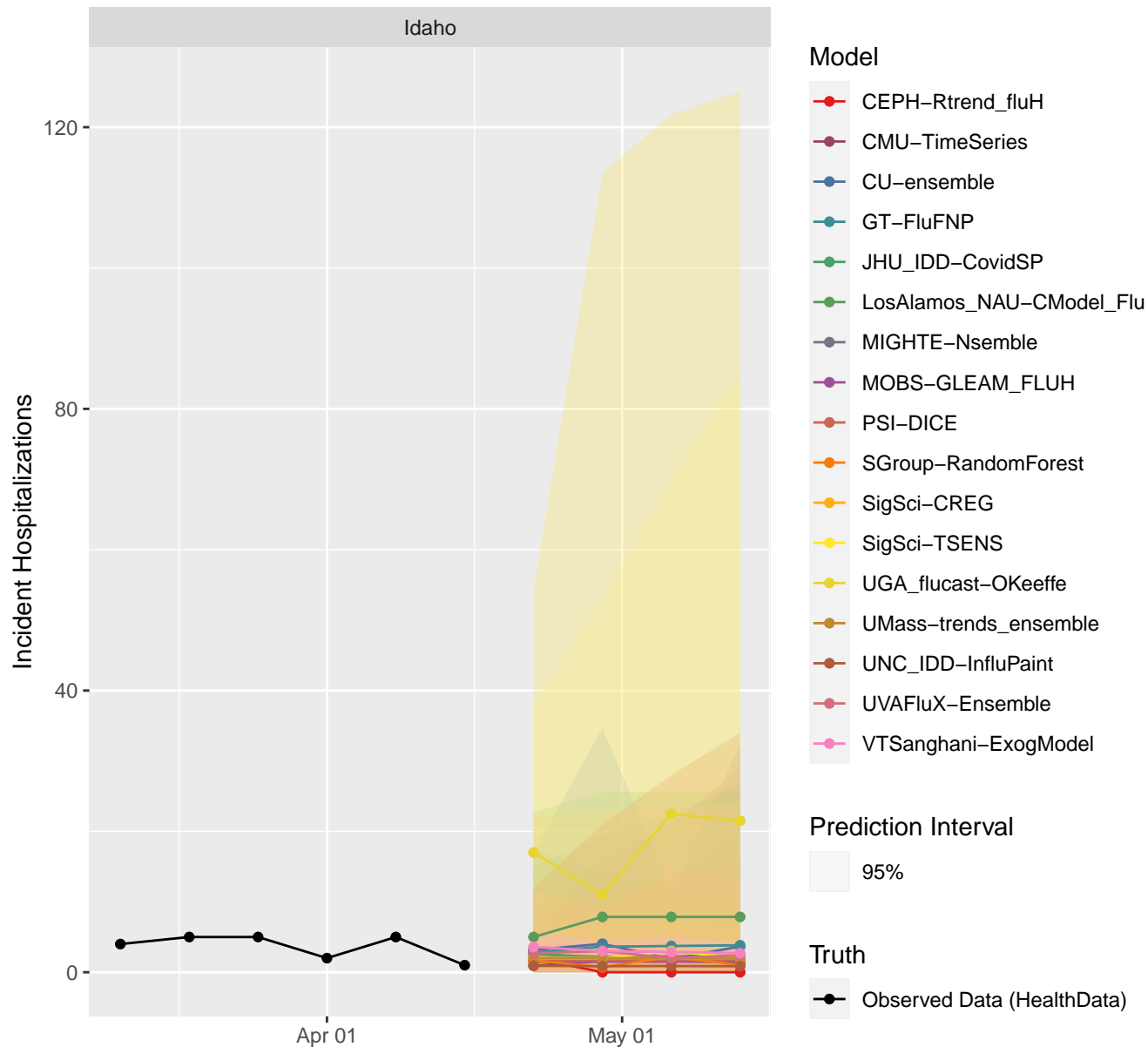
Idaho

Incident Hospitalizations

Model

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

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted

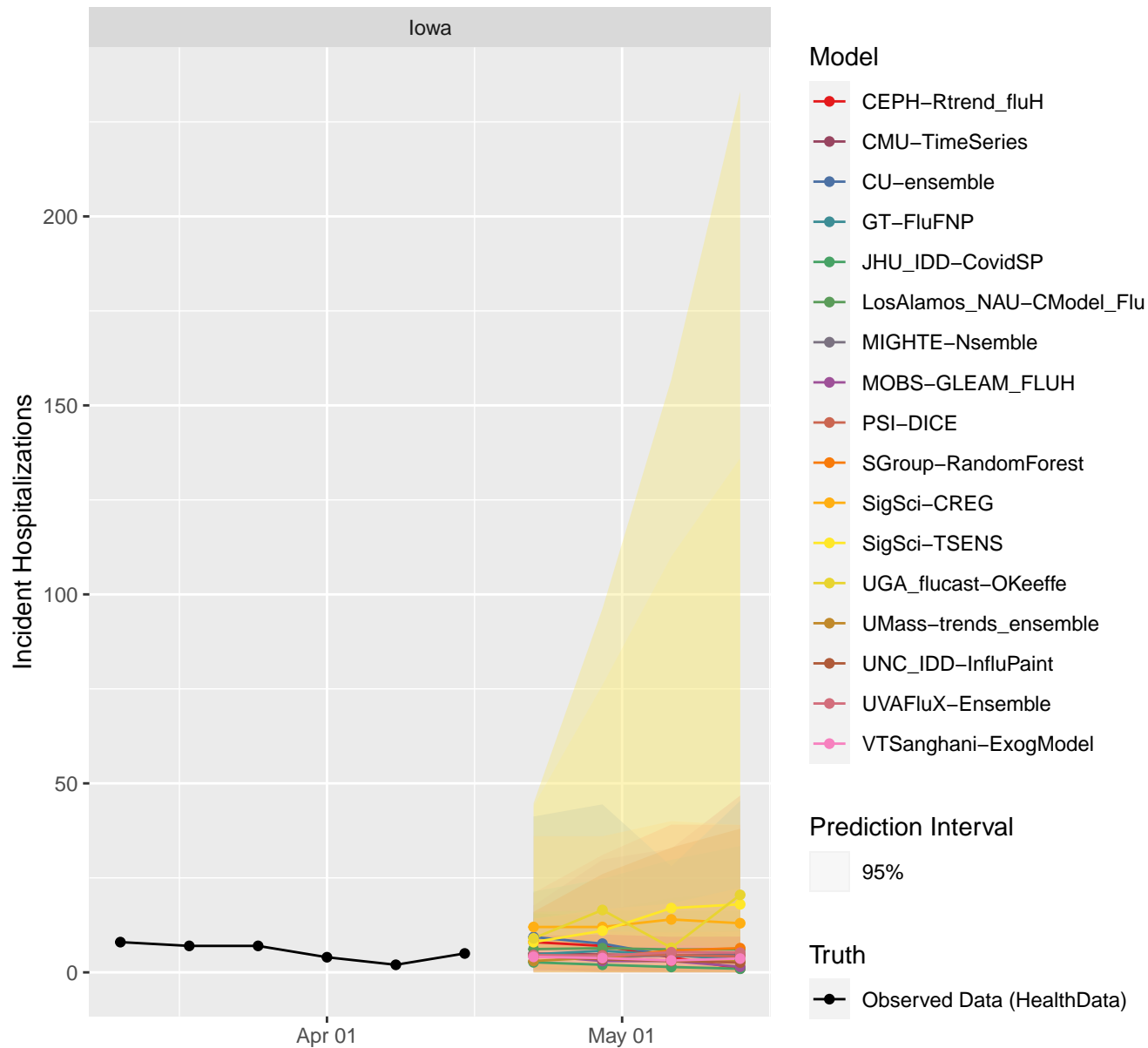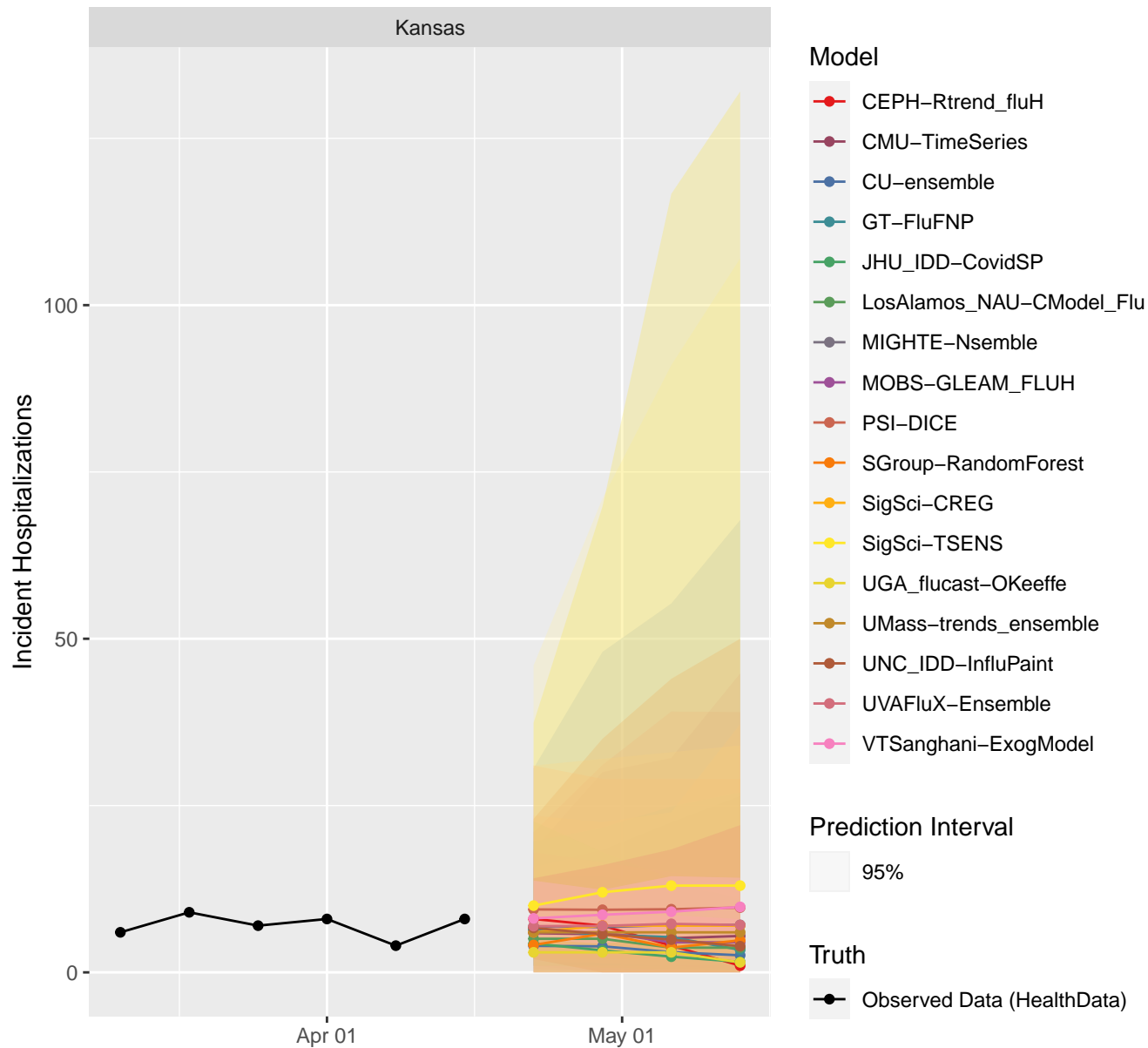Selected location(s): Illinois
Selected forecast date(s): 2023–04–17
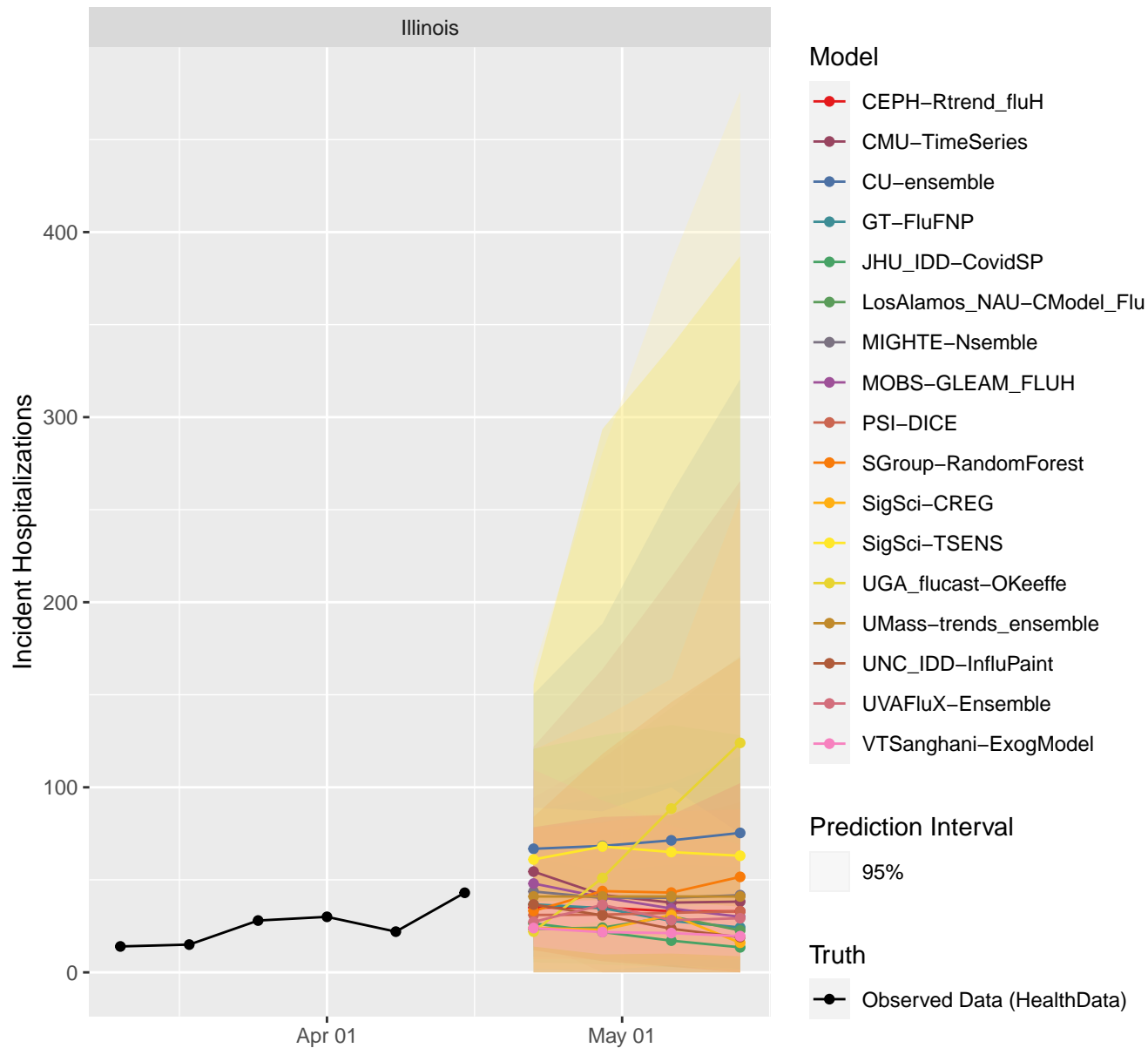
Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Indiana
Selected forecast date(s): 2023–04–17

Model

- CEPH–Rtrend_fluH
- CMU–TimeSeries
- CU–ensemble
- GT–FluFNP
- JHU_IDD–CovidSP
- LosAlamos_NAU–CModel_Flu
- MIGHTE–Nsemble
- MOBS–GLEAM_FLUH
- PSI–DICE
- SGroup–RandomForest
- SigSci–CREG
- SigSci–TSENS
- UGA_flucast–OKeeffe
- 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): Iowa
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

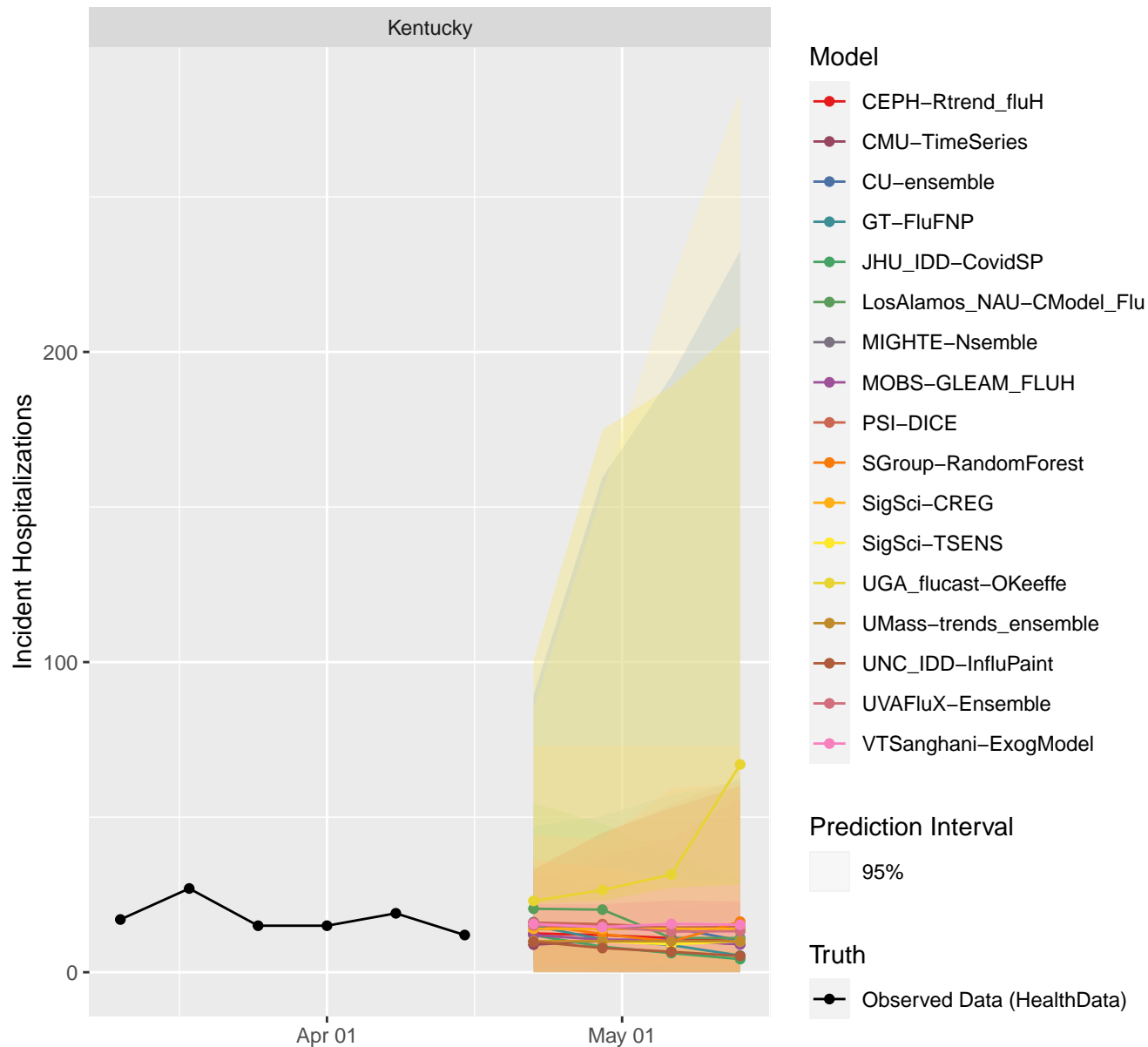Selected location(s): Kansas
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted
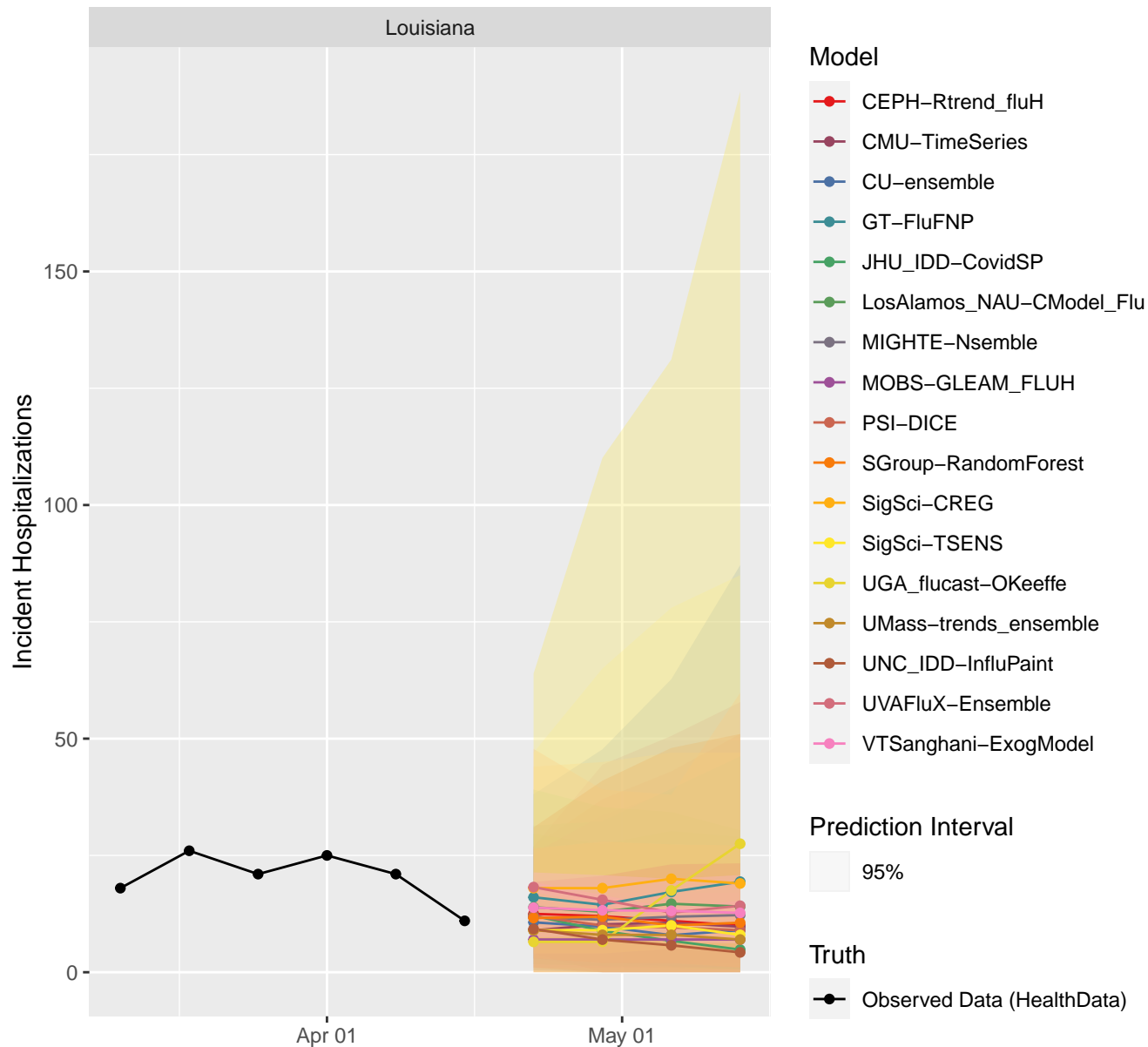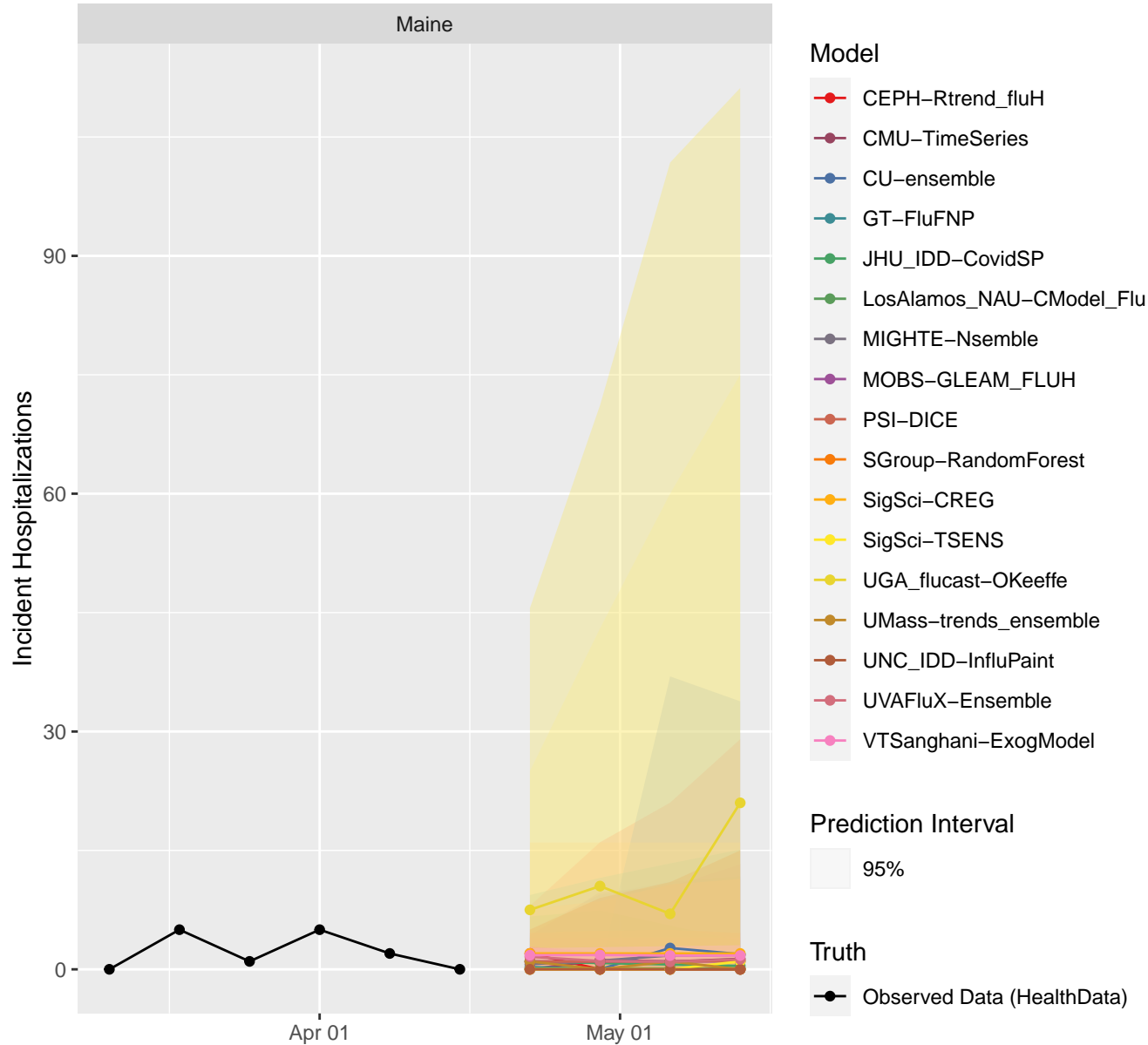
Selected location(s): Kentucky
Selected forecast date(s): 2023−04−17

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- 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): Louisiana
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted
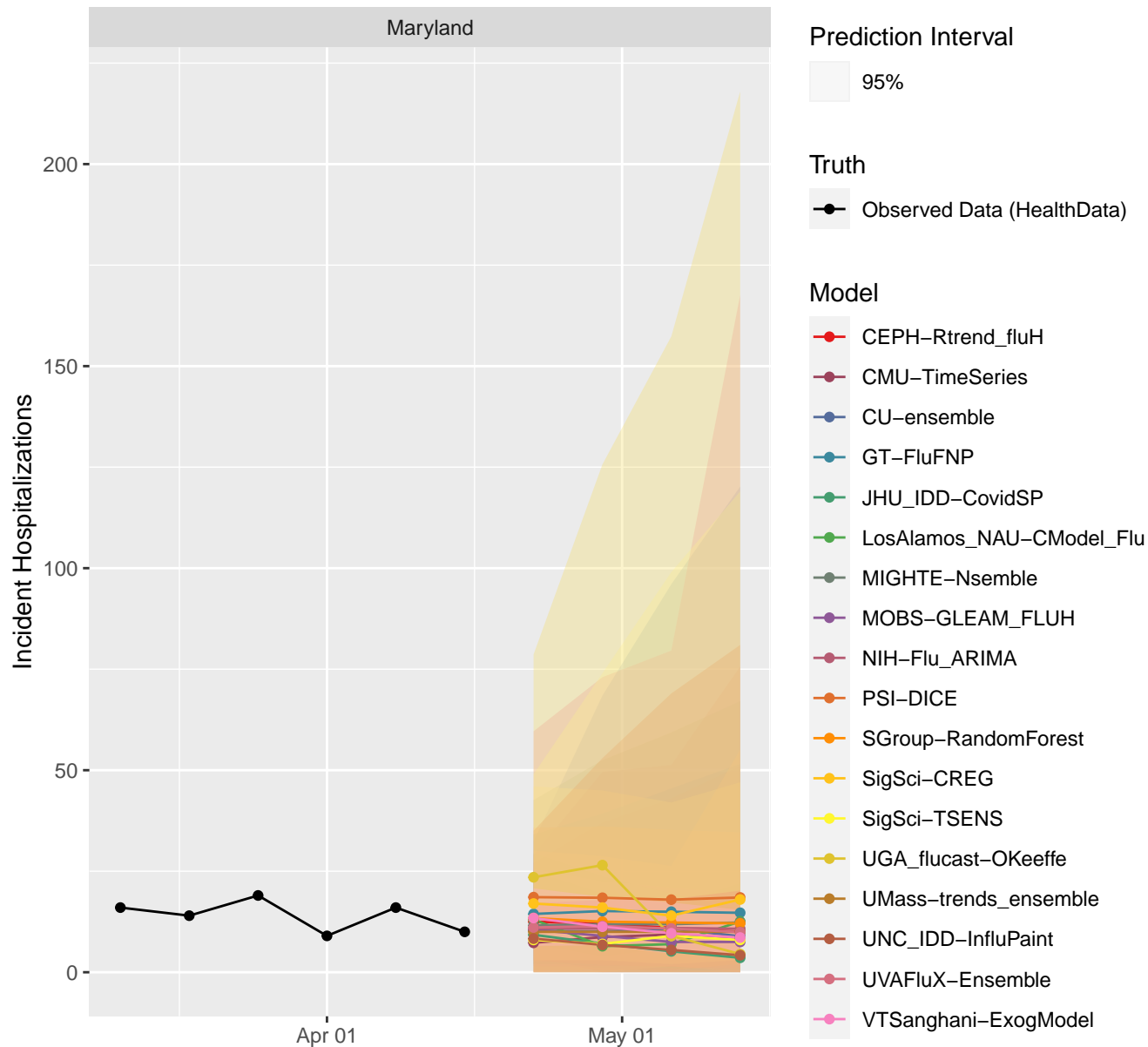
Selected location(s): Maine
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

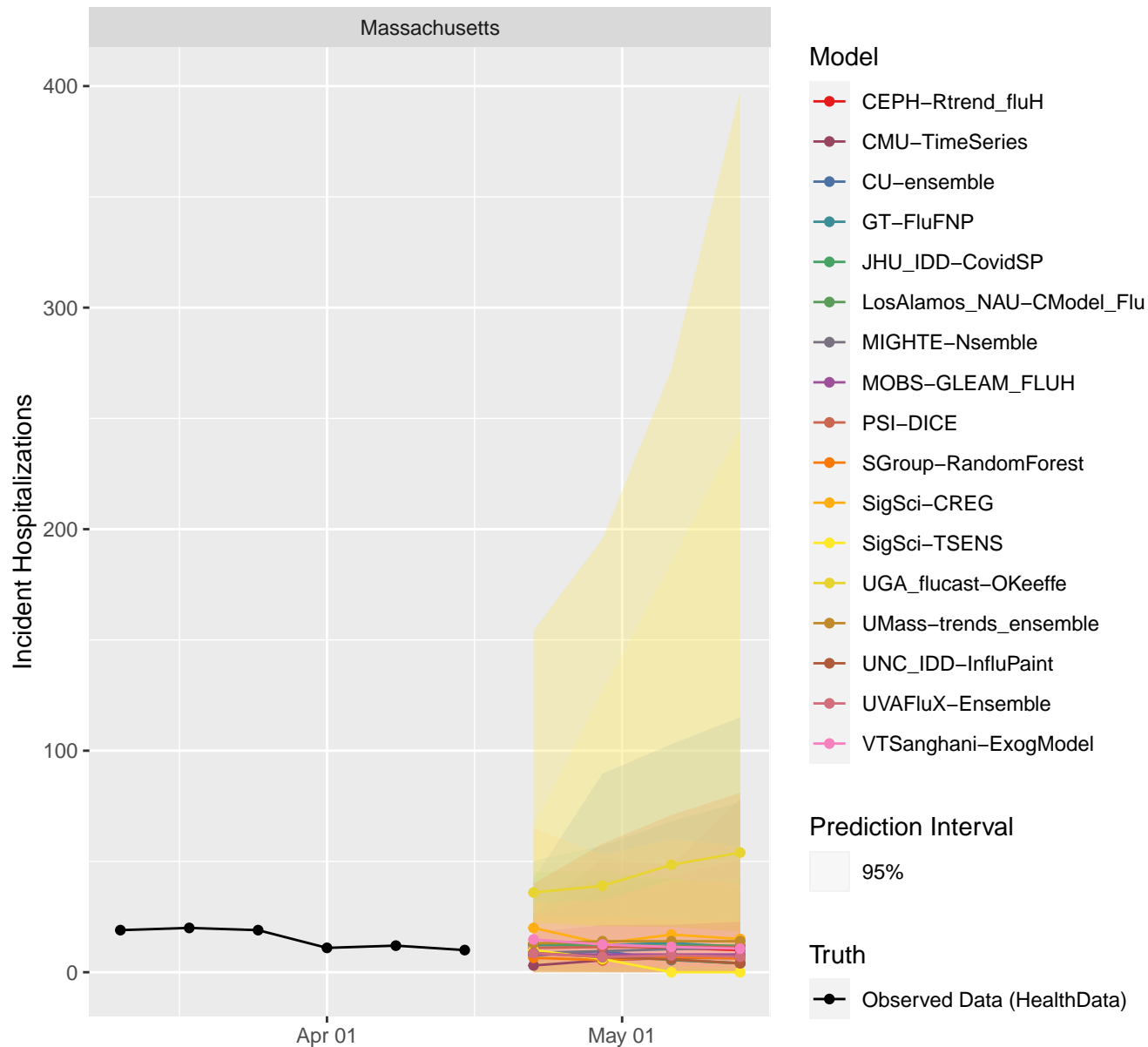Selected location(s): Maryland
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
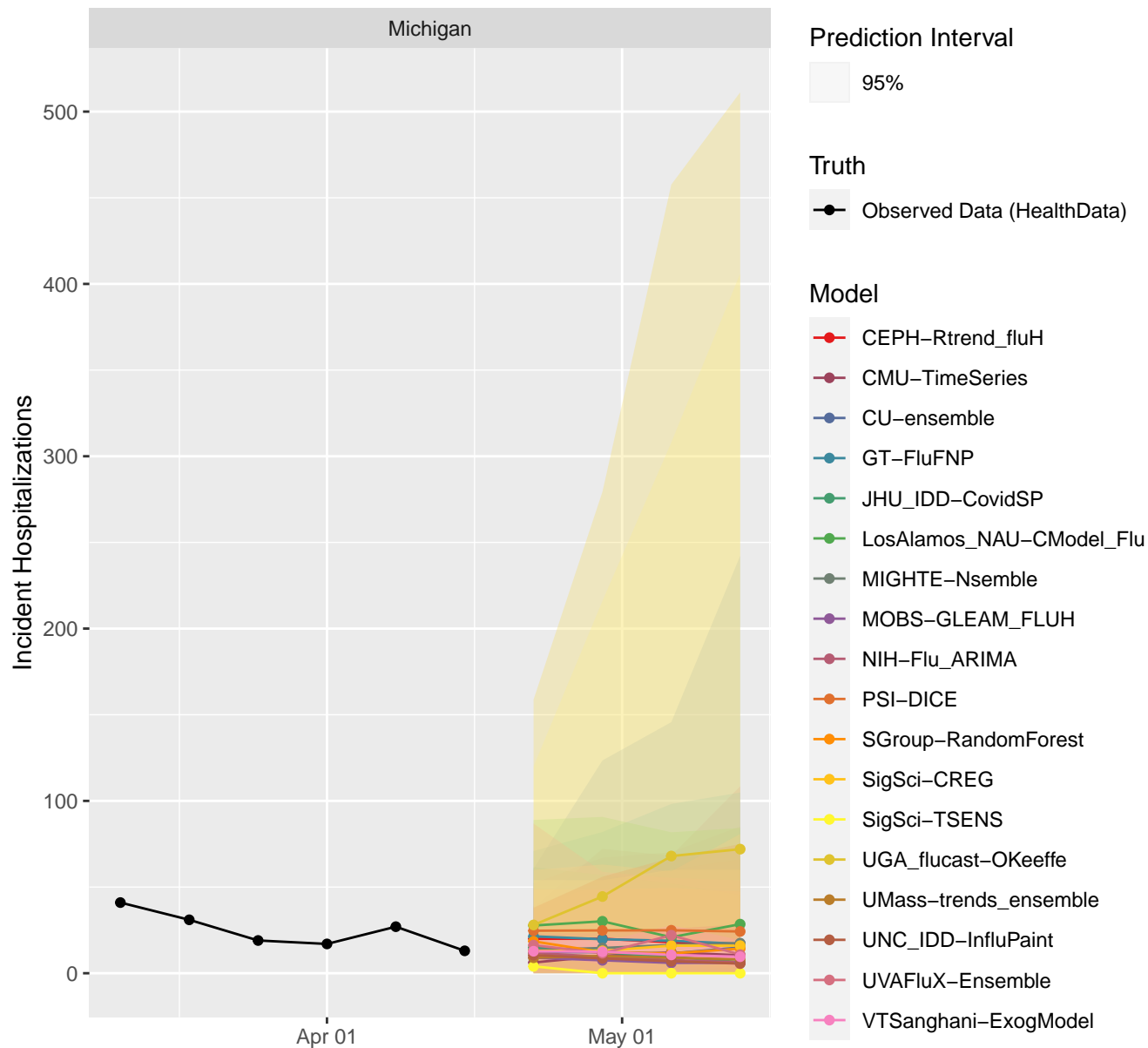
Selected location(s): Massachusetts
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted
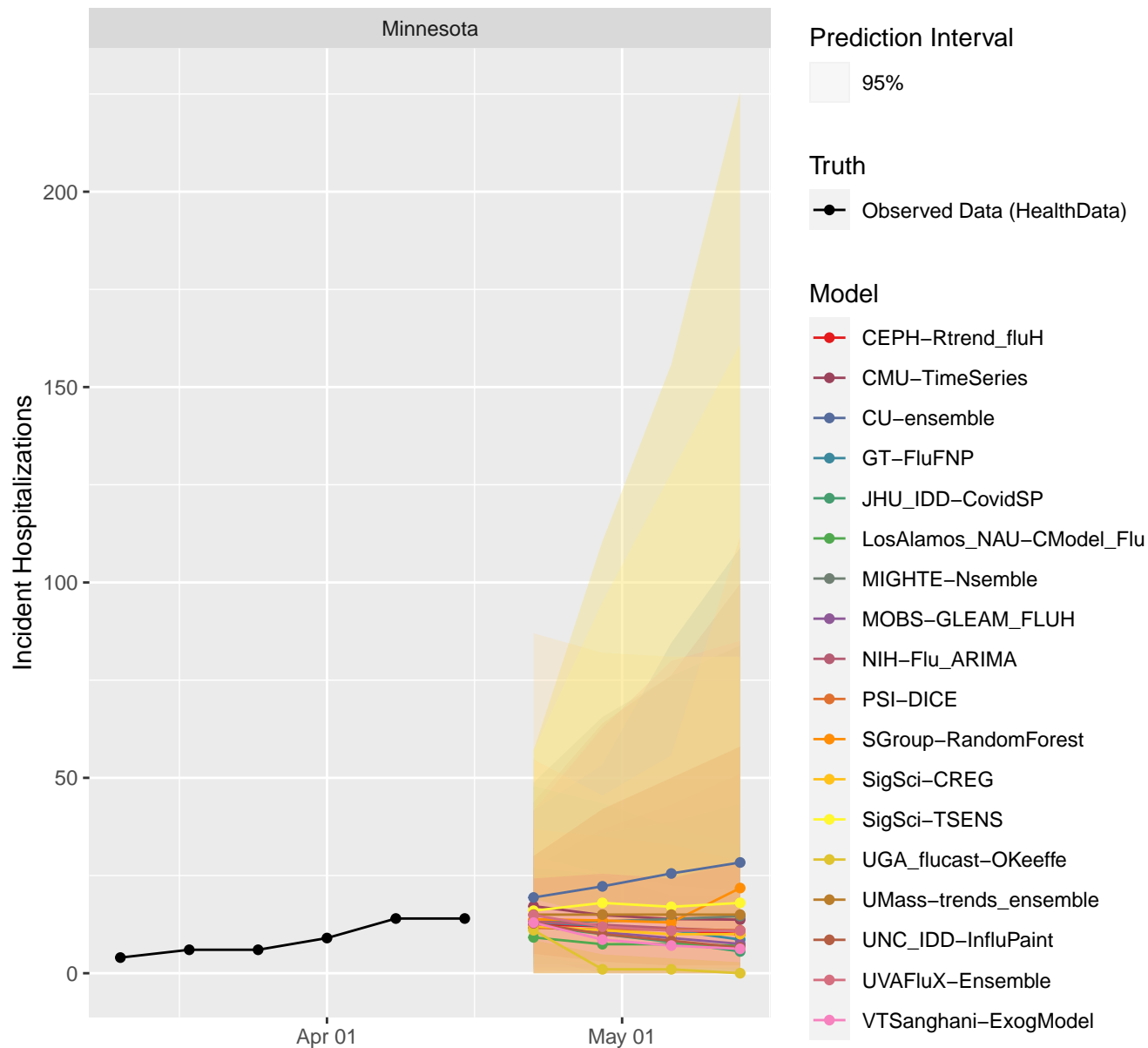
Selected location(s): Michigan
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
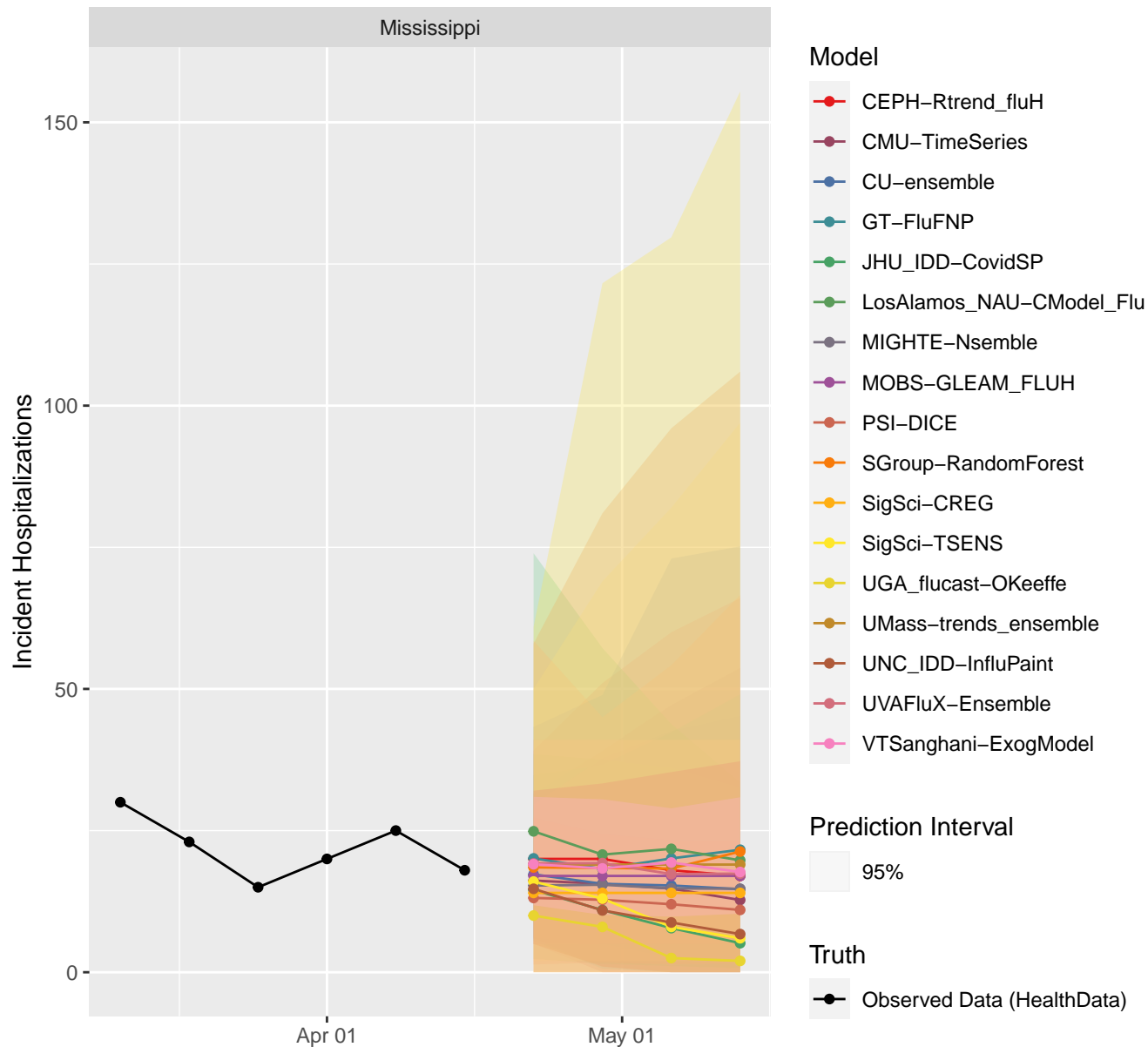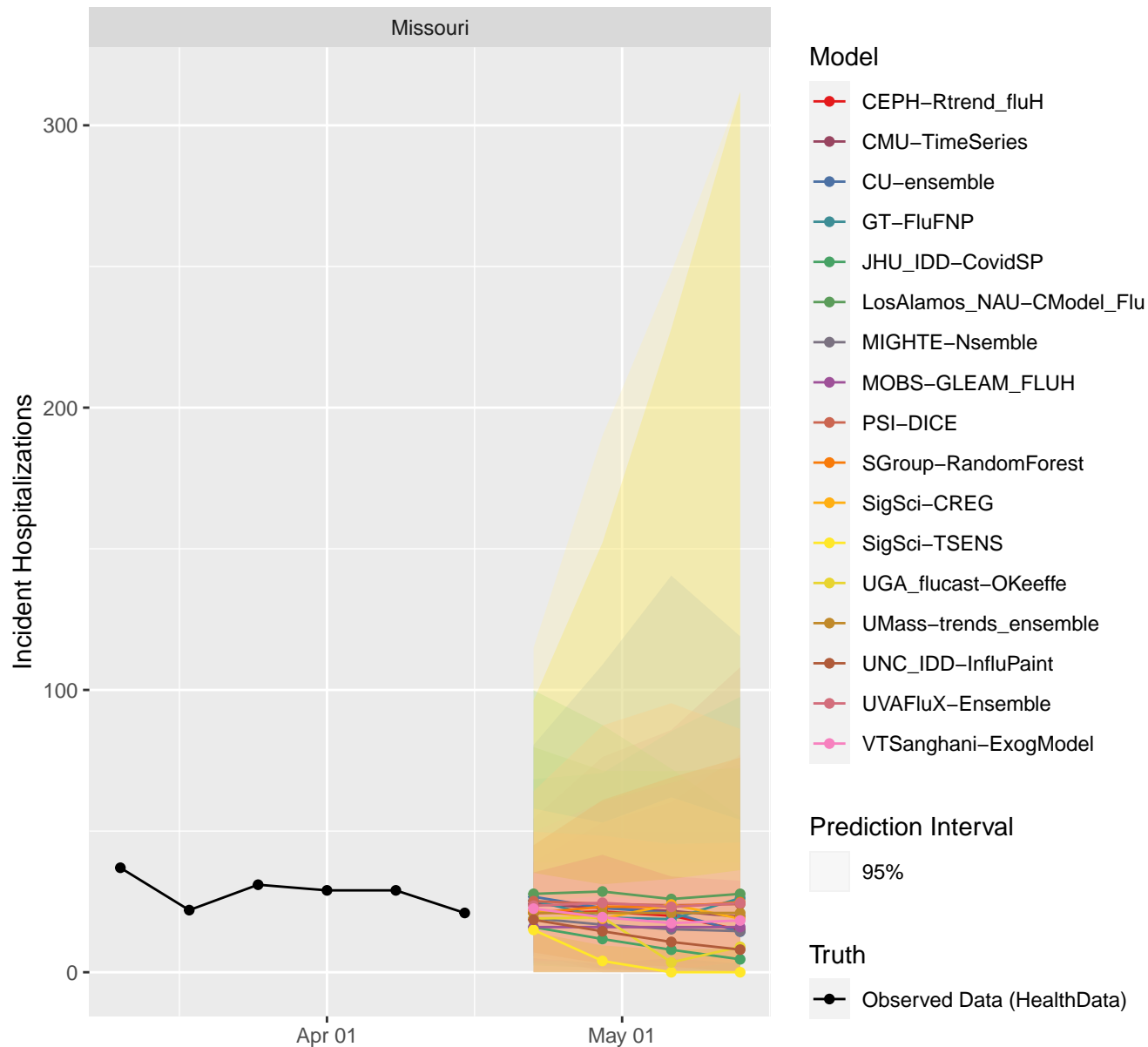
Selected location(s): Minnesota
Selected forecast date(s): 2023–04–17

Prediction Interval

95%

Truth

Observed Data (HealthData)

Model

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

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Mississippi
Selected forecast date(s): 2023–04–17

Model

- CEPH–Rtrend_fluH
- CMU–TimeSeries
- CU–ensemble
- GT–FluFNP
- JHU_IDD–CovidSP
- LosAlamos_NAU–CModel_Flu
- MIGHTE–Nsemble
- MOBS–GLEAM_FLUH
- PSI–DICE
- SGroup–RandomForest
- SigSci–CREG
- SigSci–TSENS
- UGA_flucast–OKeeffe
- 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): Missouri
Selected forecast date(s): 2023–04–17

Missouri

Model

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

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
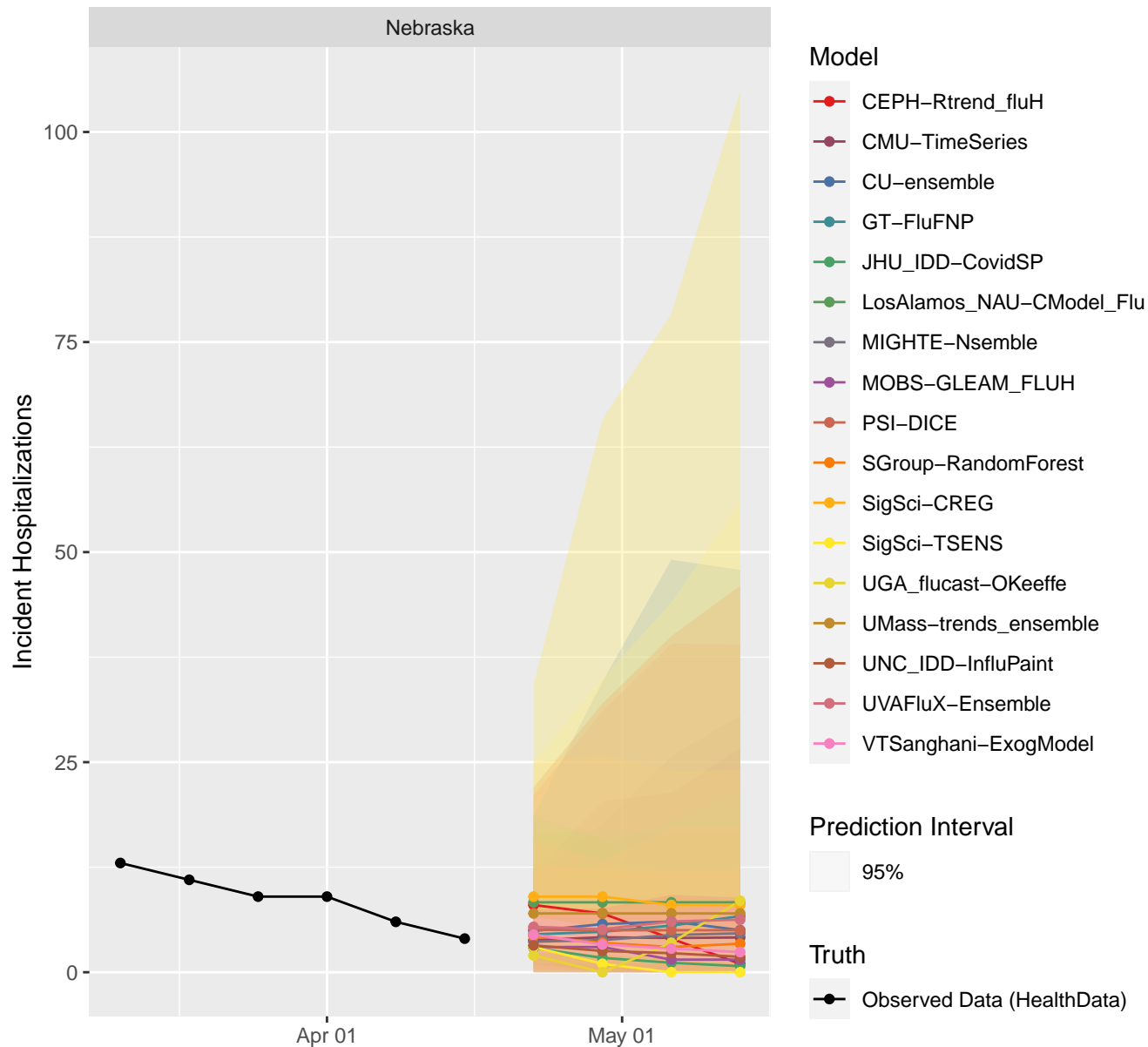
Selected location(s): Montana
Selected forecast date(s): 2023−04−17
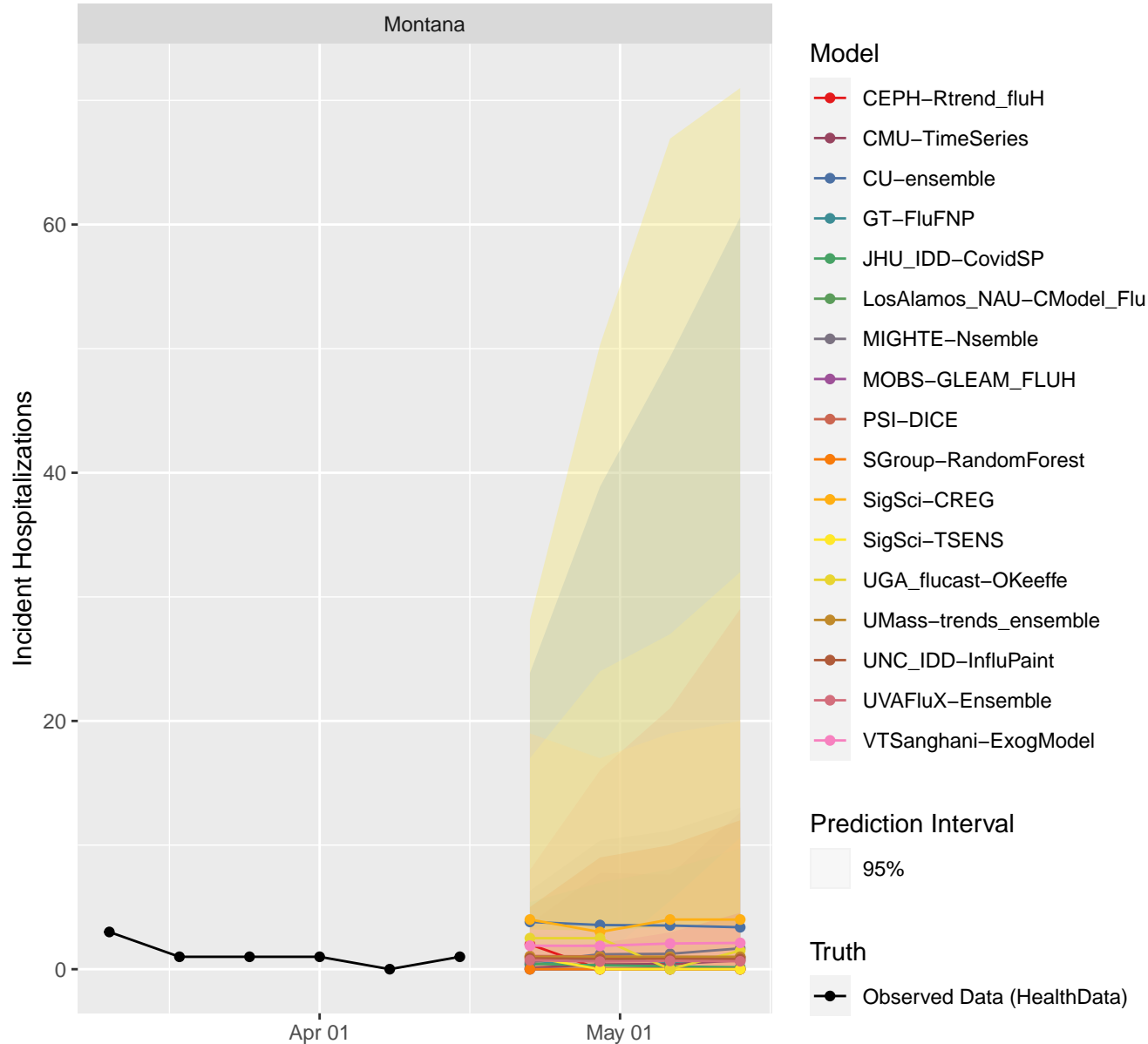
Weekly Influenza Incident Hospitalizations: observed and forecasted
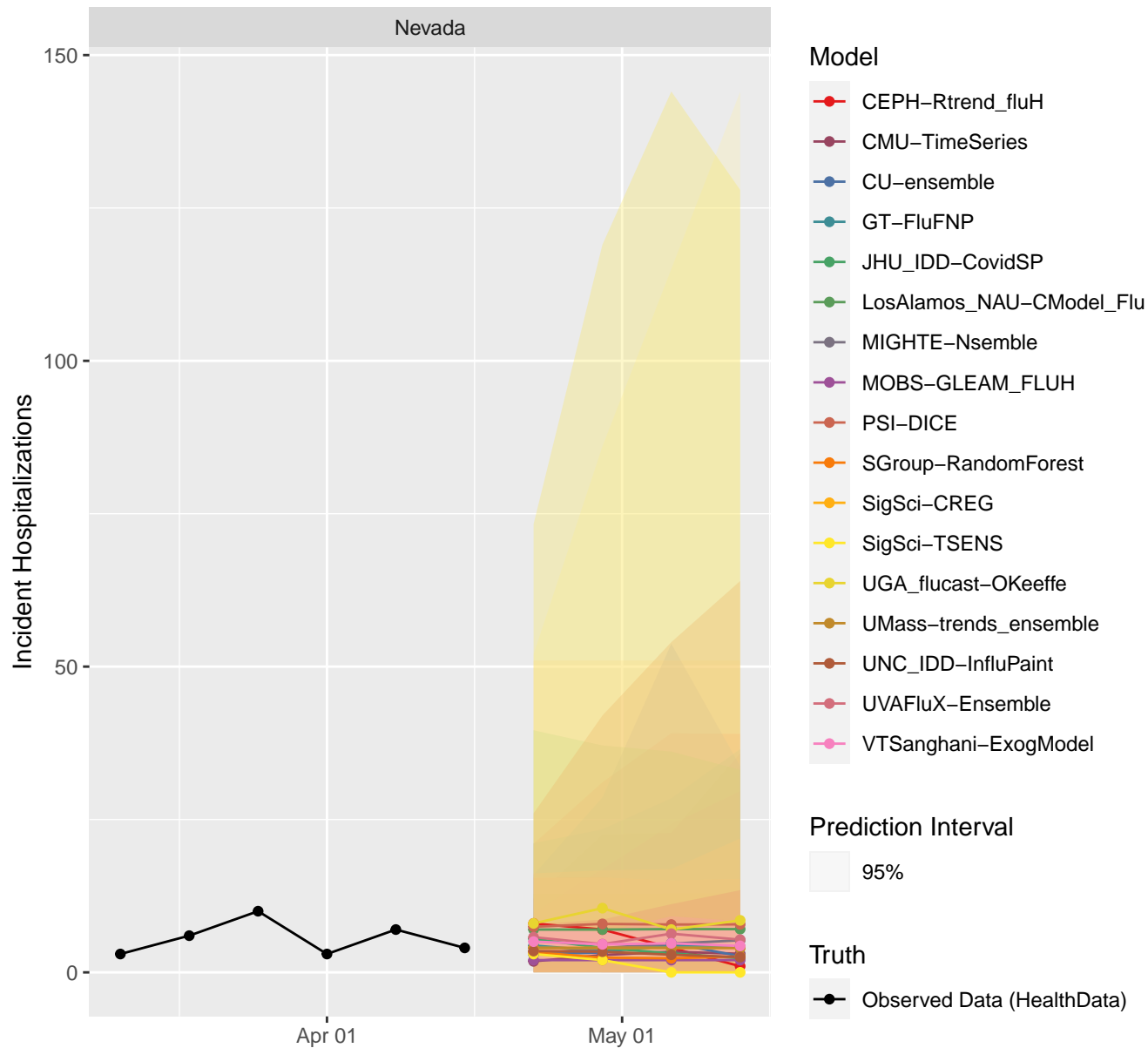
Selected location(s): Nebraska
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

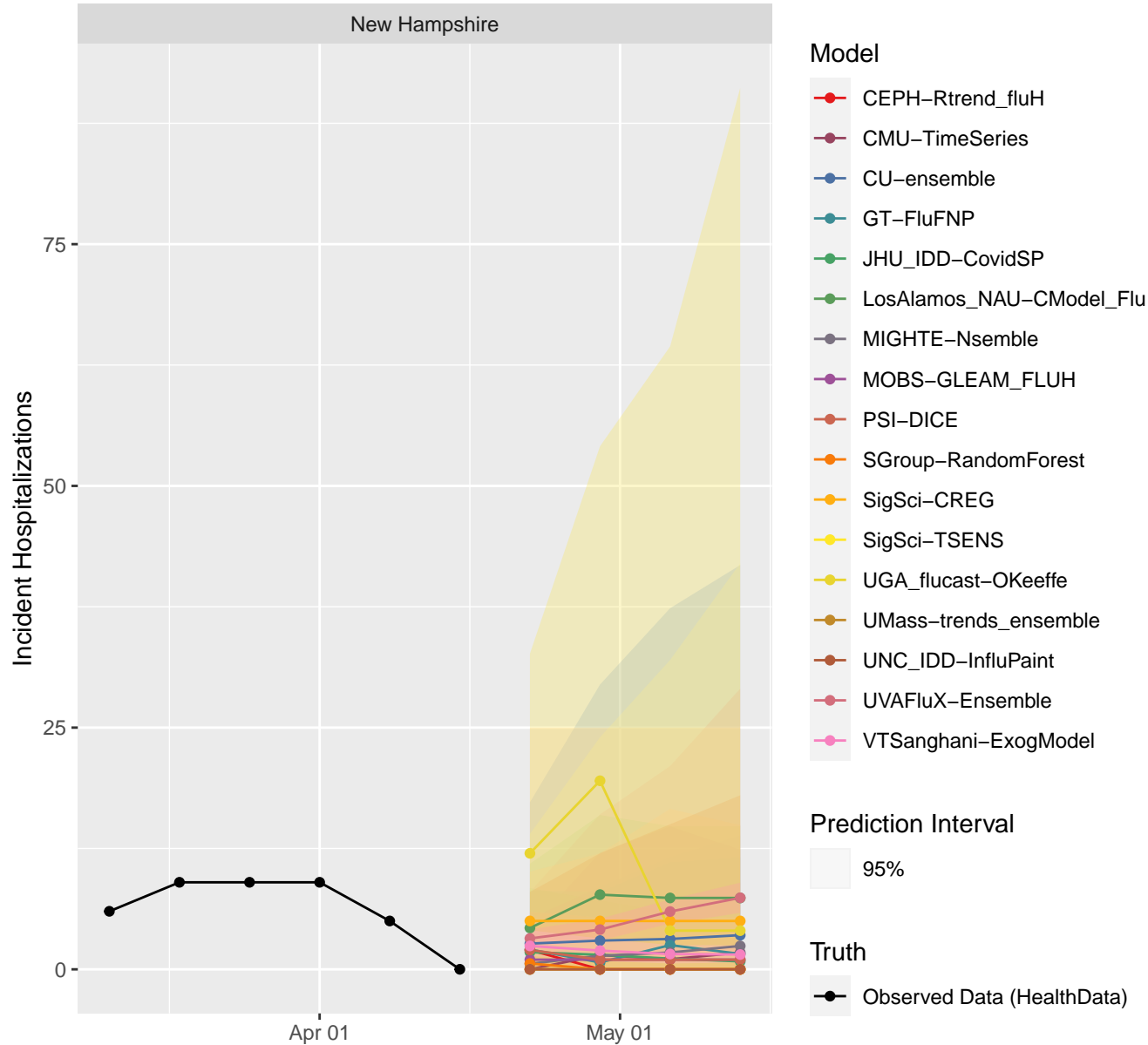Selected location(s): Nevada
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
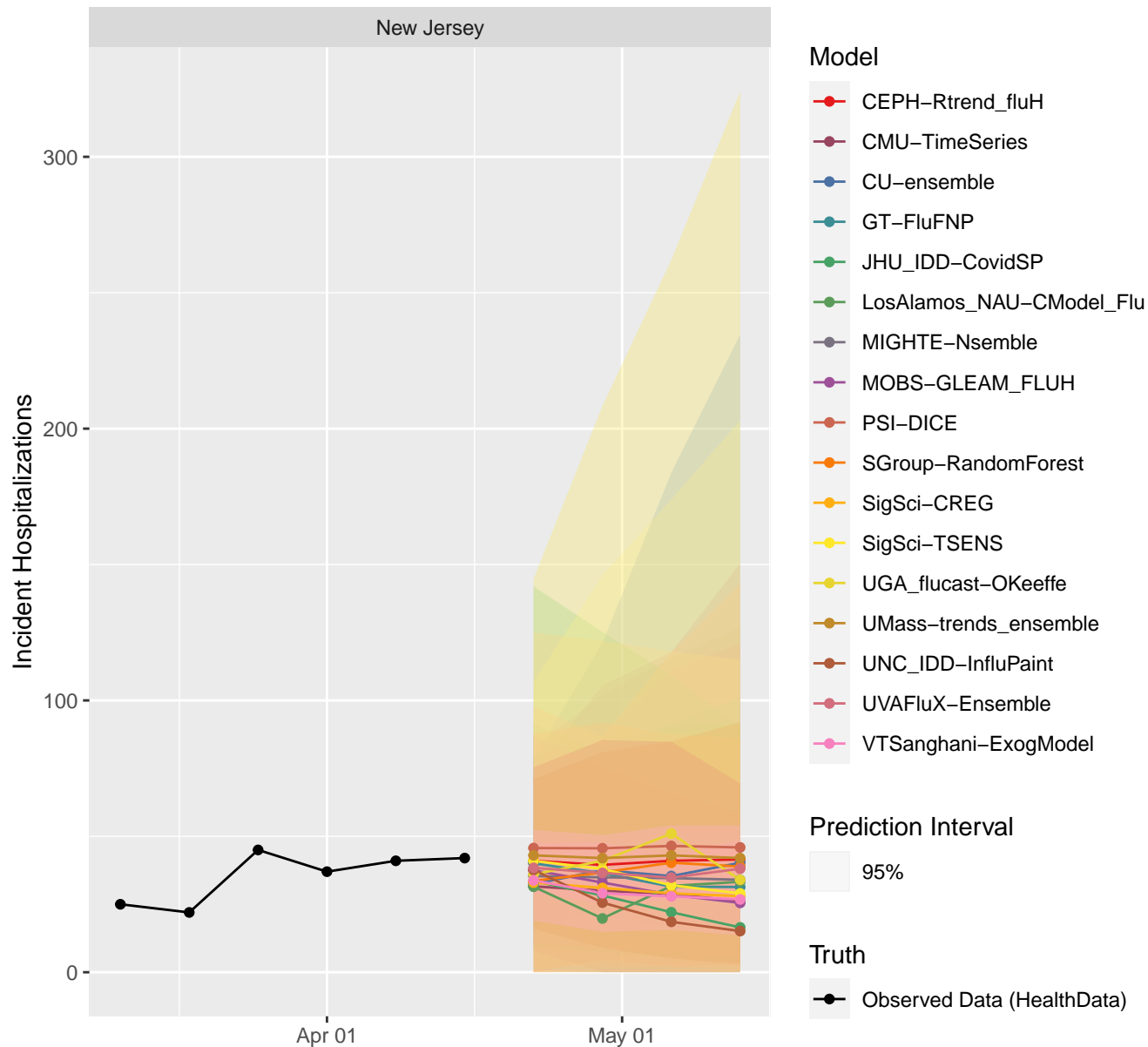
Selected location(s): New Hampshire
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
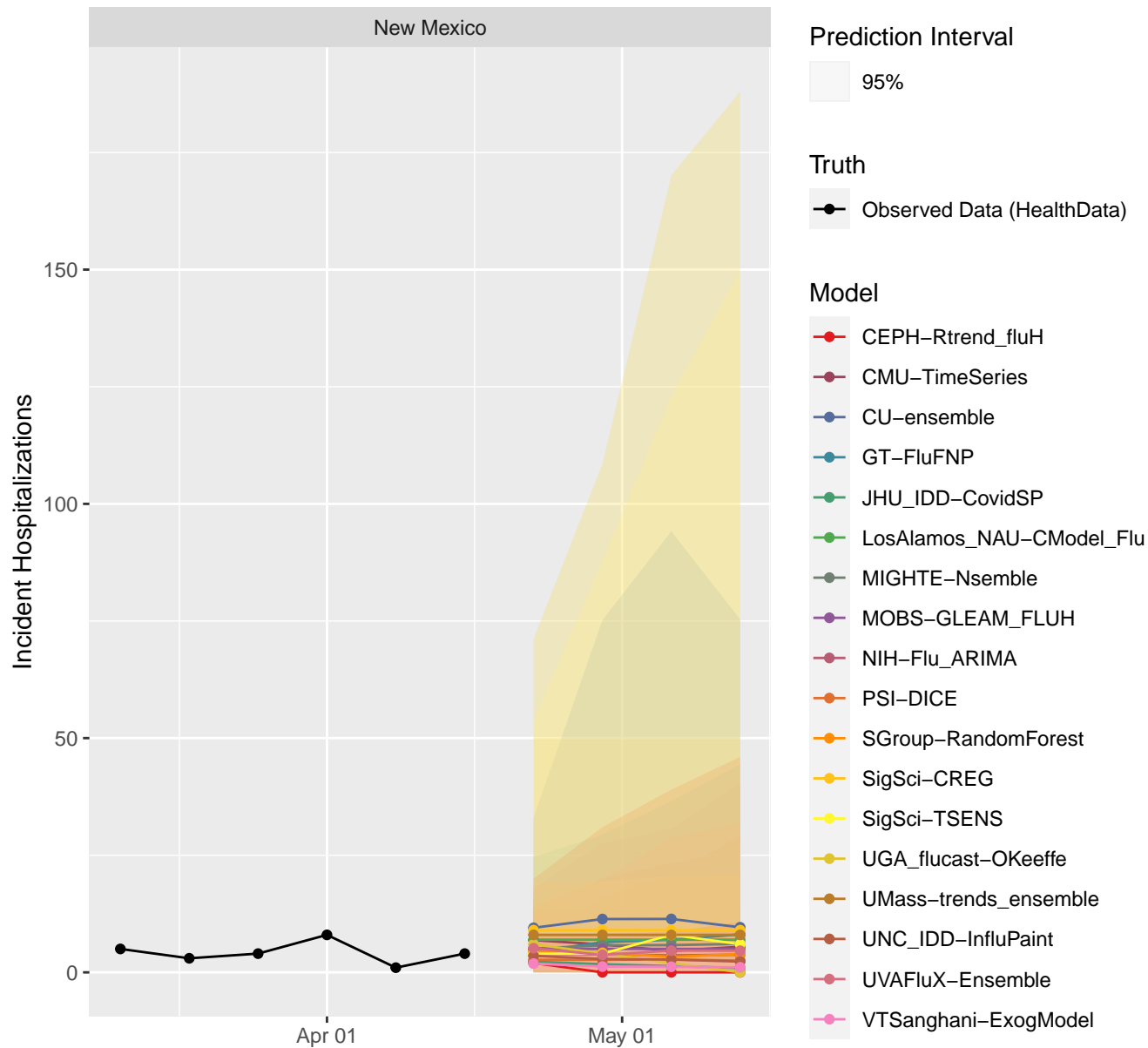
Selected location(s): New Jersey
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

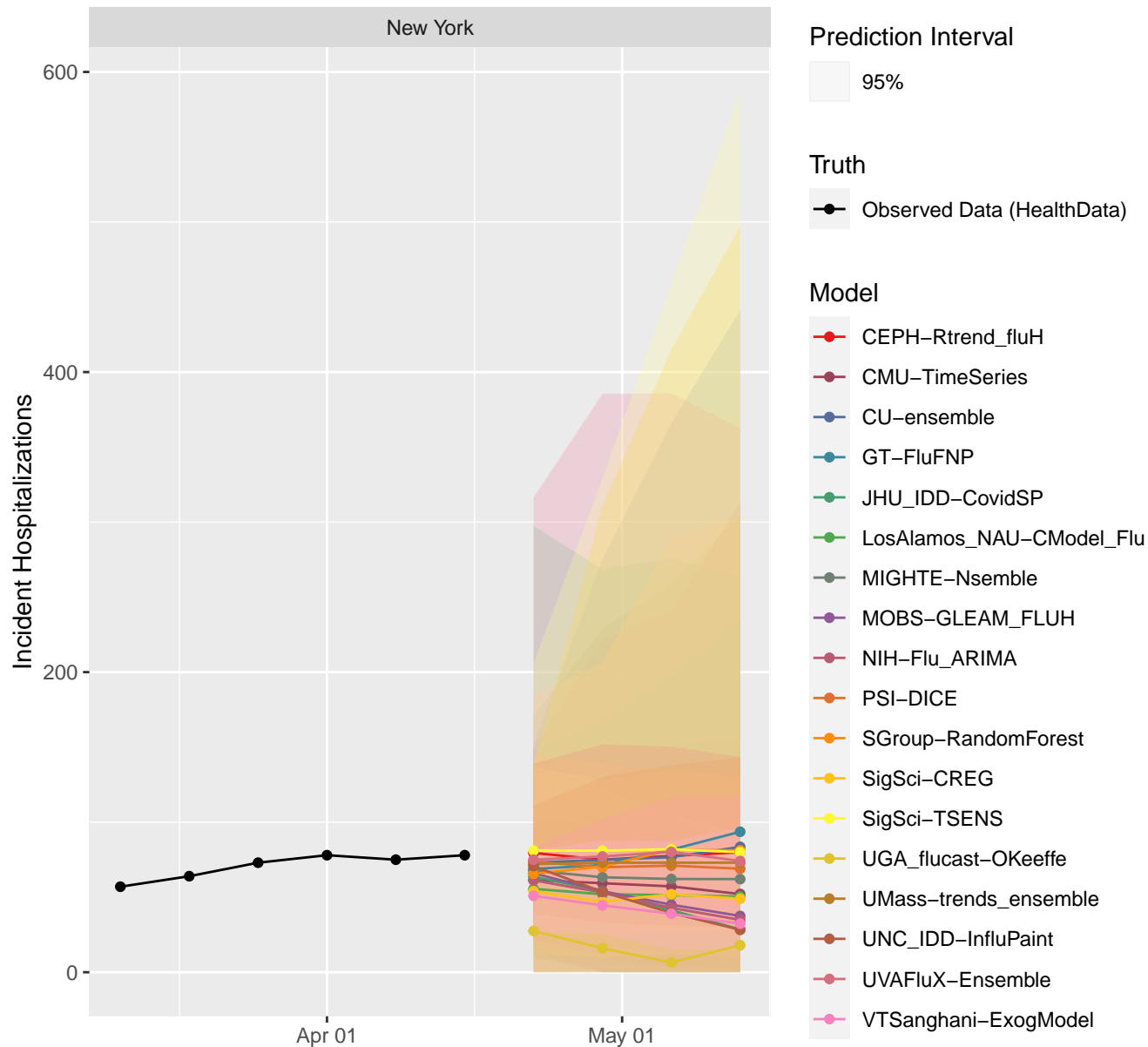Selected location(s): New Mexico
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted

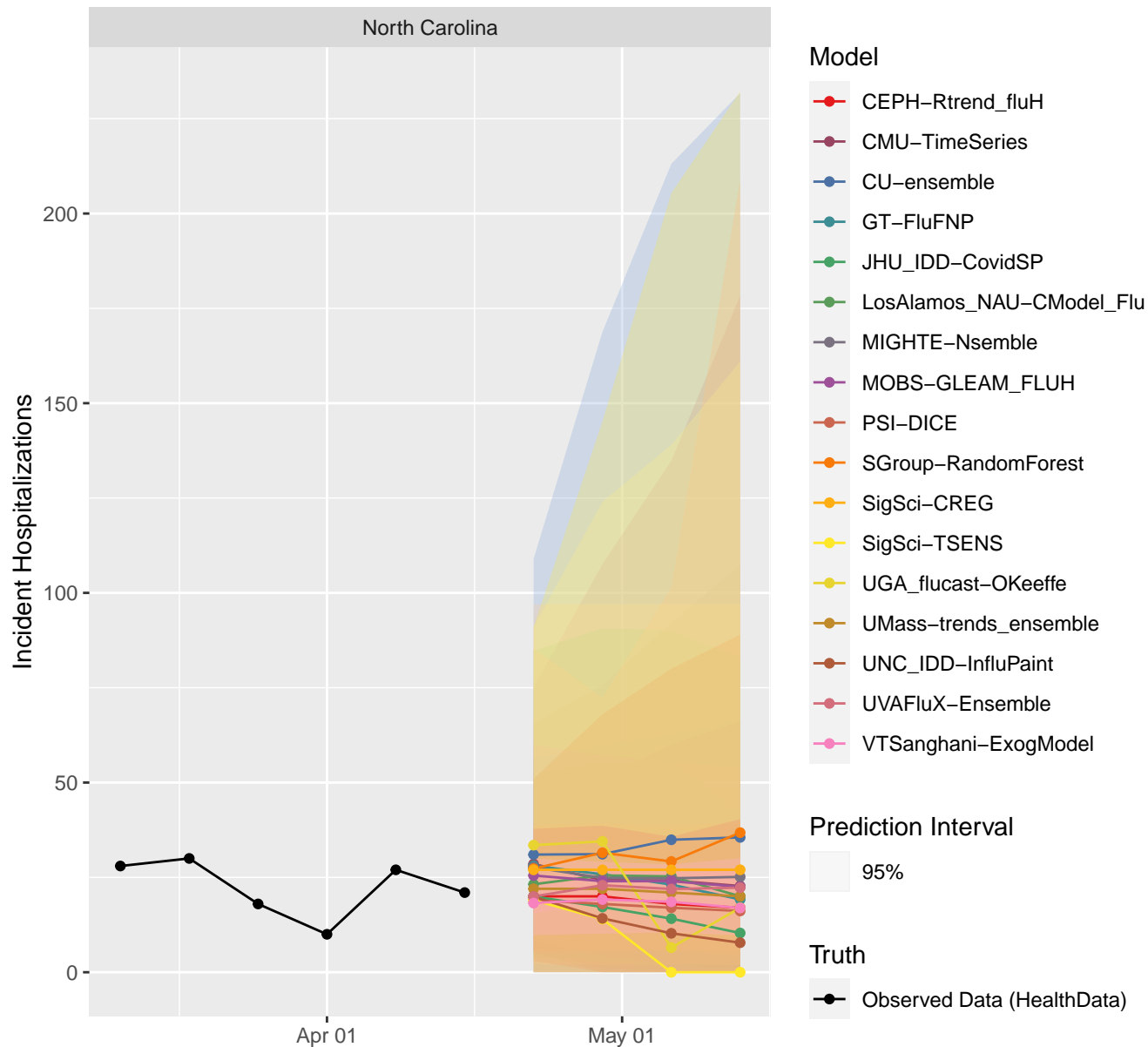Selected location(s): New York
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): North Carolina
Selected forecast date(s): 2023−04−17

North Carolina

Incident Hospitalizations

200
150
100
50
0

Apr 01   May 01

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

Prediction Interval
95%

Truth
Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted

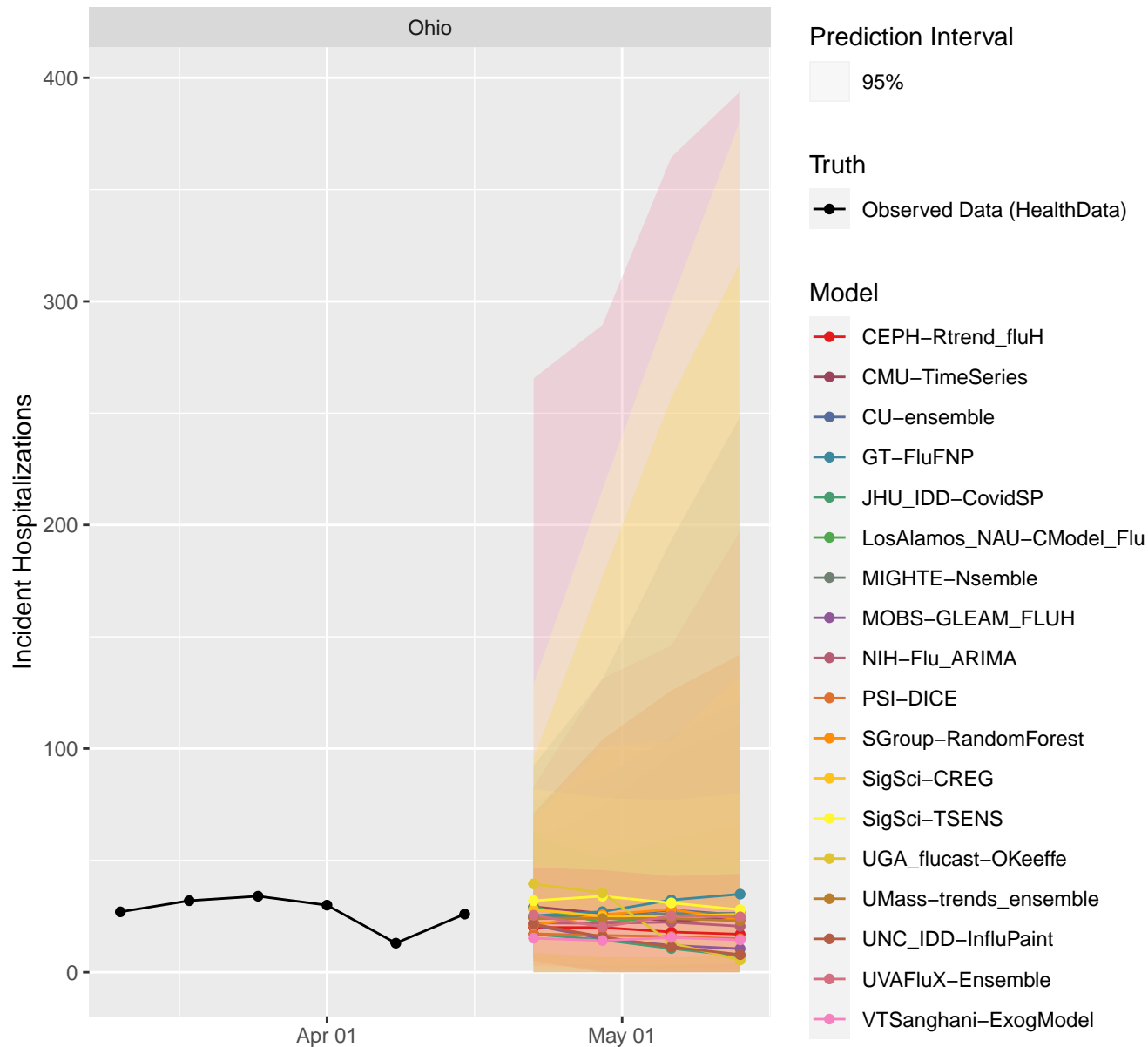Selected location(s): North Dakota
Selected forecast date(s): 2023−04−17
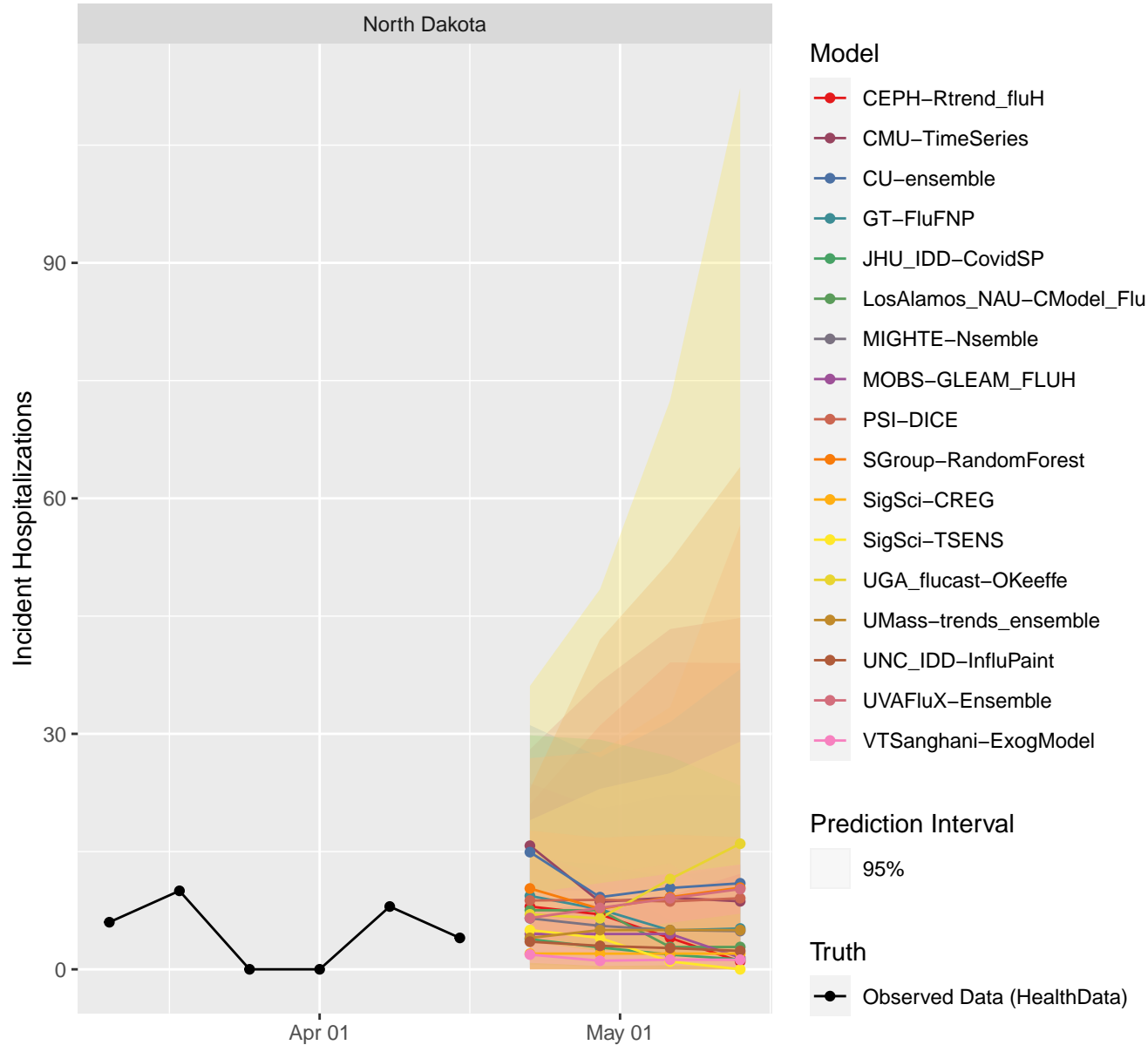
Weekly Influenza Incident Hospitalizations: observed and forecasted
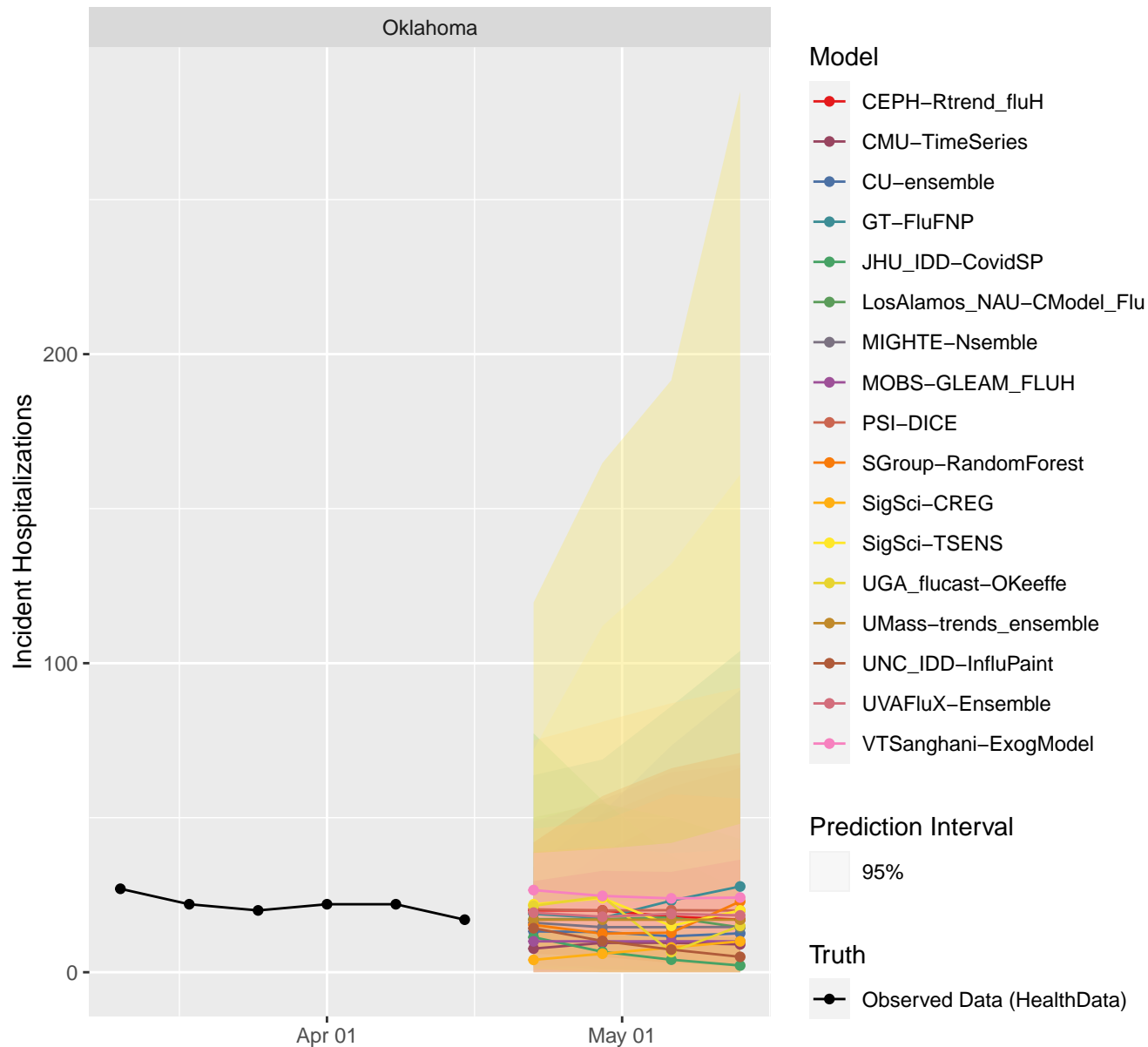
Selected location(s): Ohio
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
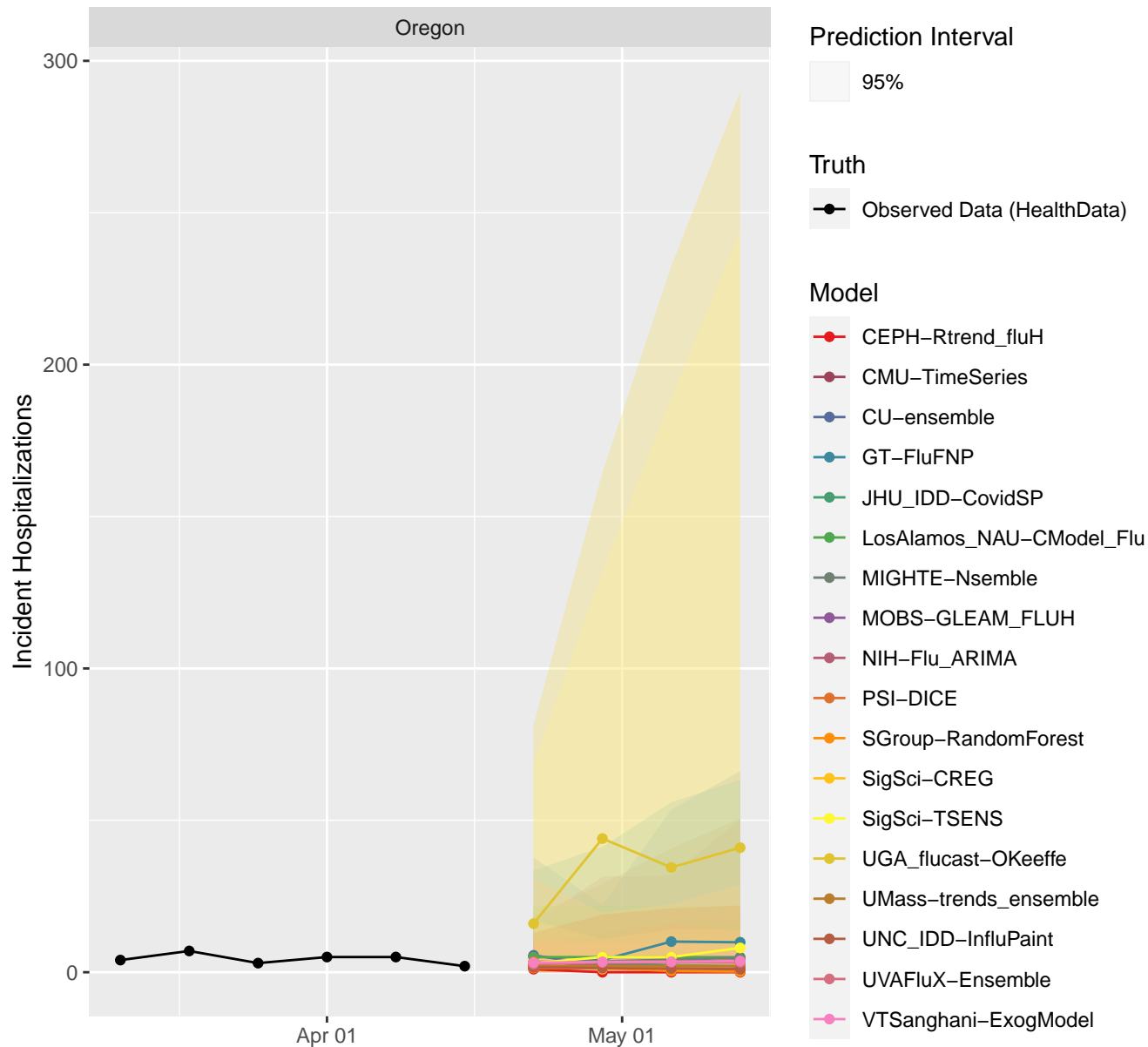
Selected location(s): Oklahoma
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
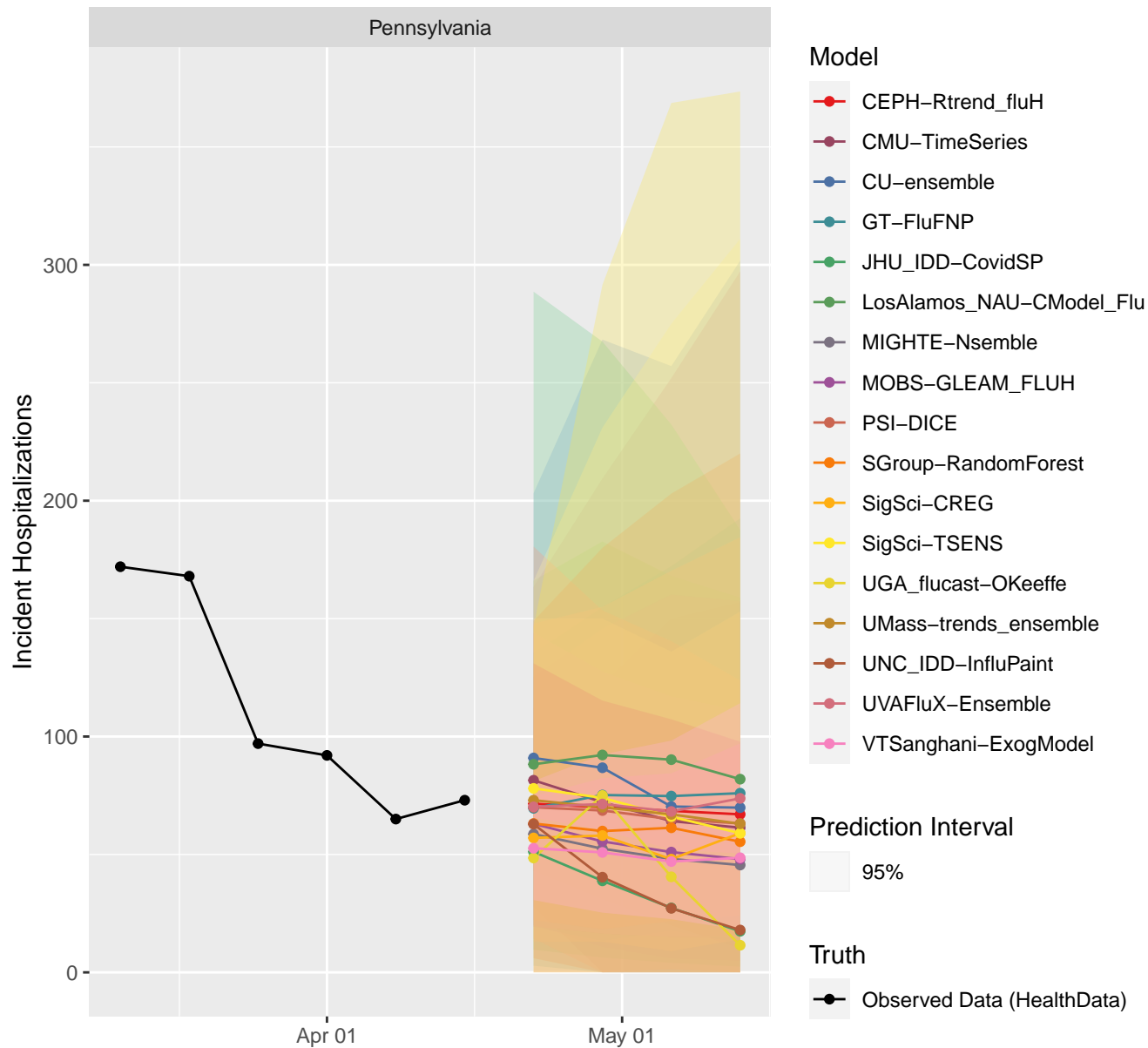
Selected location(s): Oregon
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Pennsylvania
Selected forecast date(s): 2023−04−17

Model

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

Prediction Interval

95%

Truth

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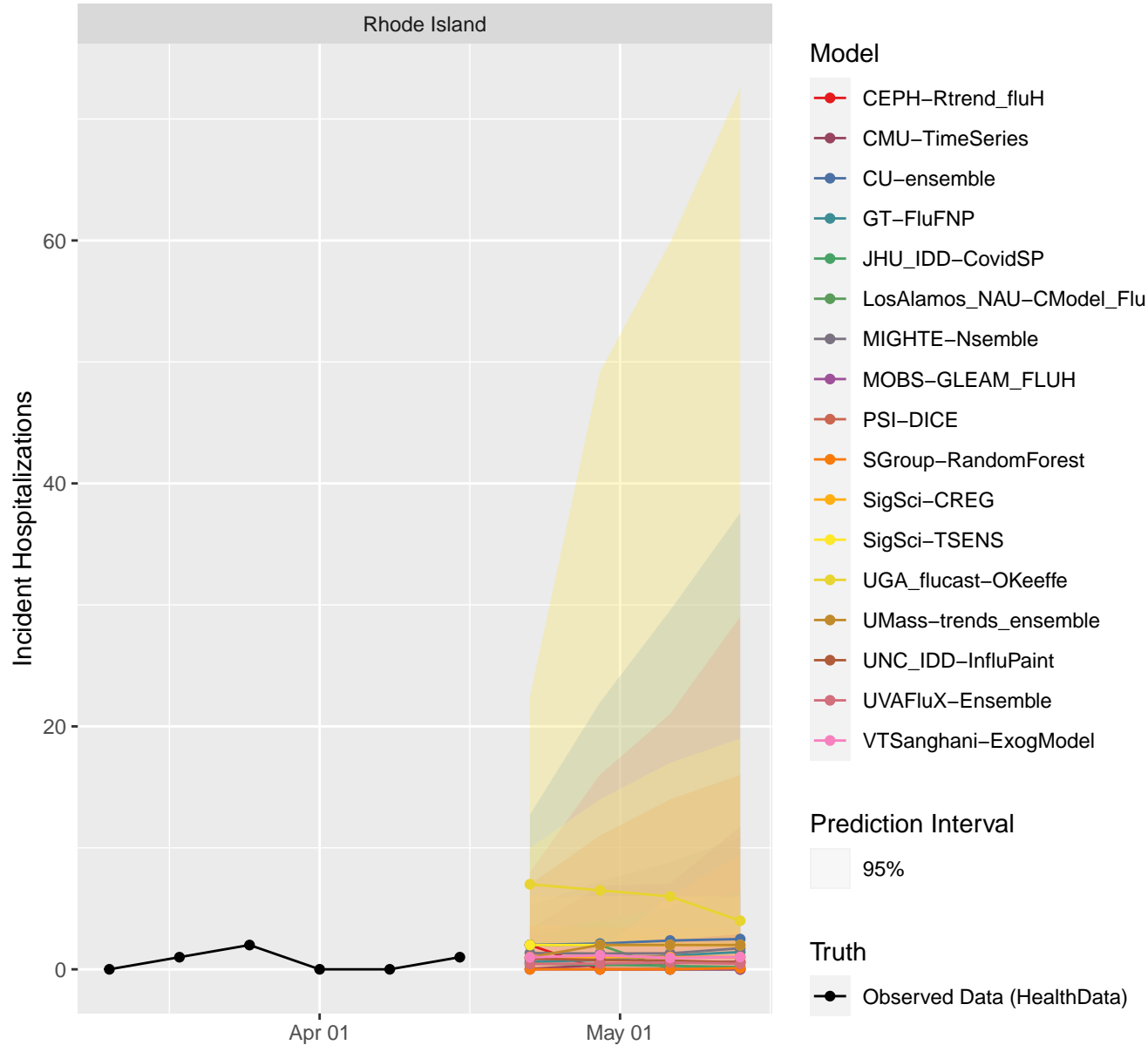
Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Rhode Island
Selected forecast date(s): 2023−04−17

Model

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

Prediction Interval

95%

Truth

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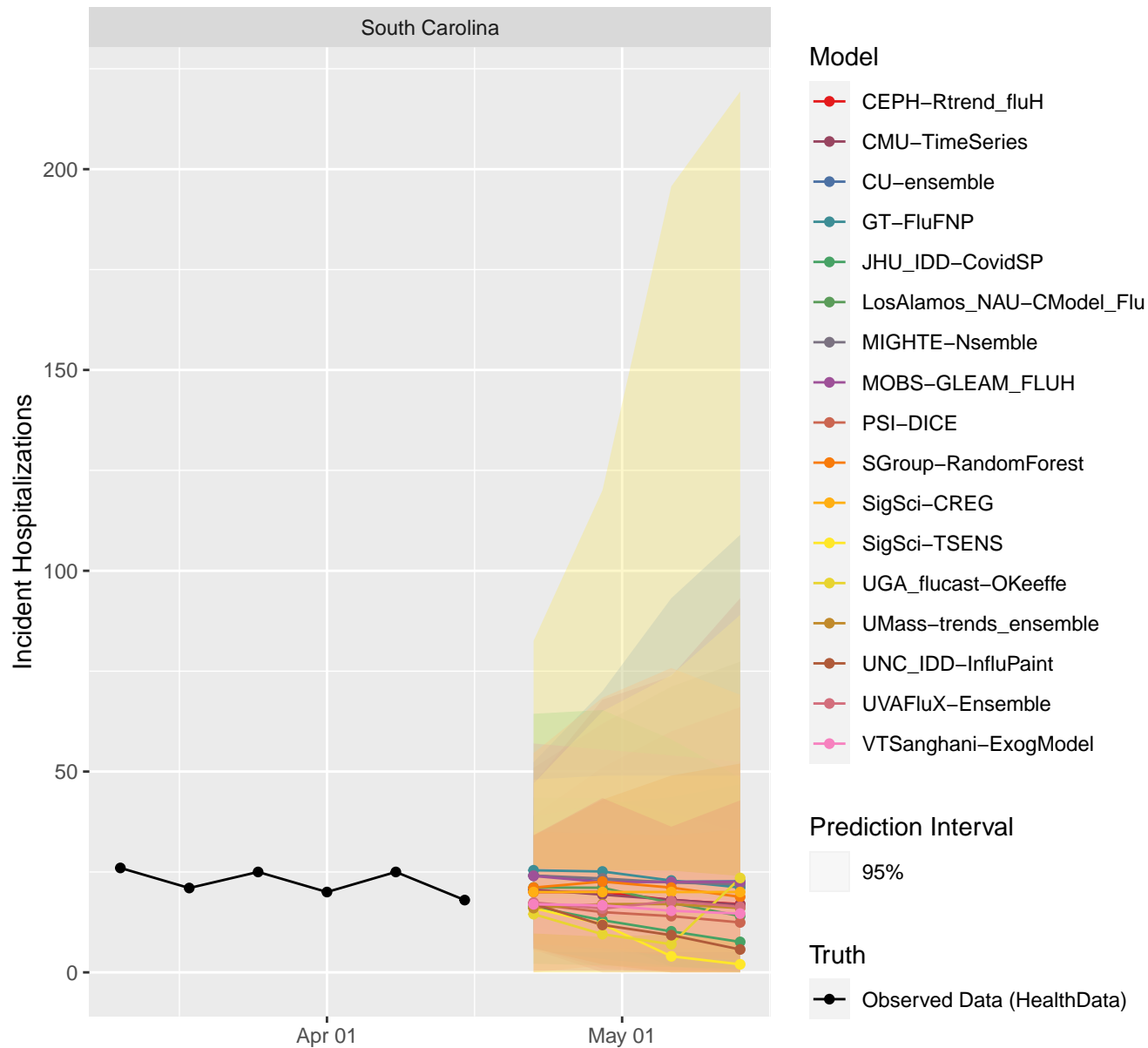
Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): South Carolina
Selected forecast date(s): 2023−04−17

Model

- CEPH−Rtrend_fluH
- CMU−TimeSeries
- CU−ensemble
- GT−FluFNP
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- 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): South Dakota
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
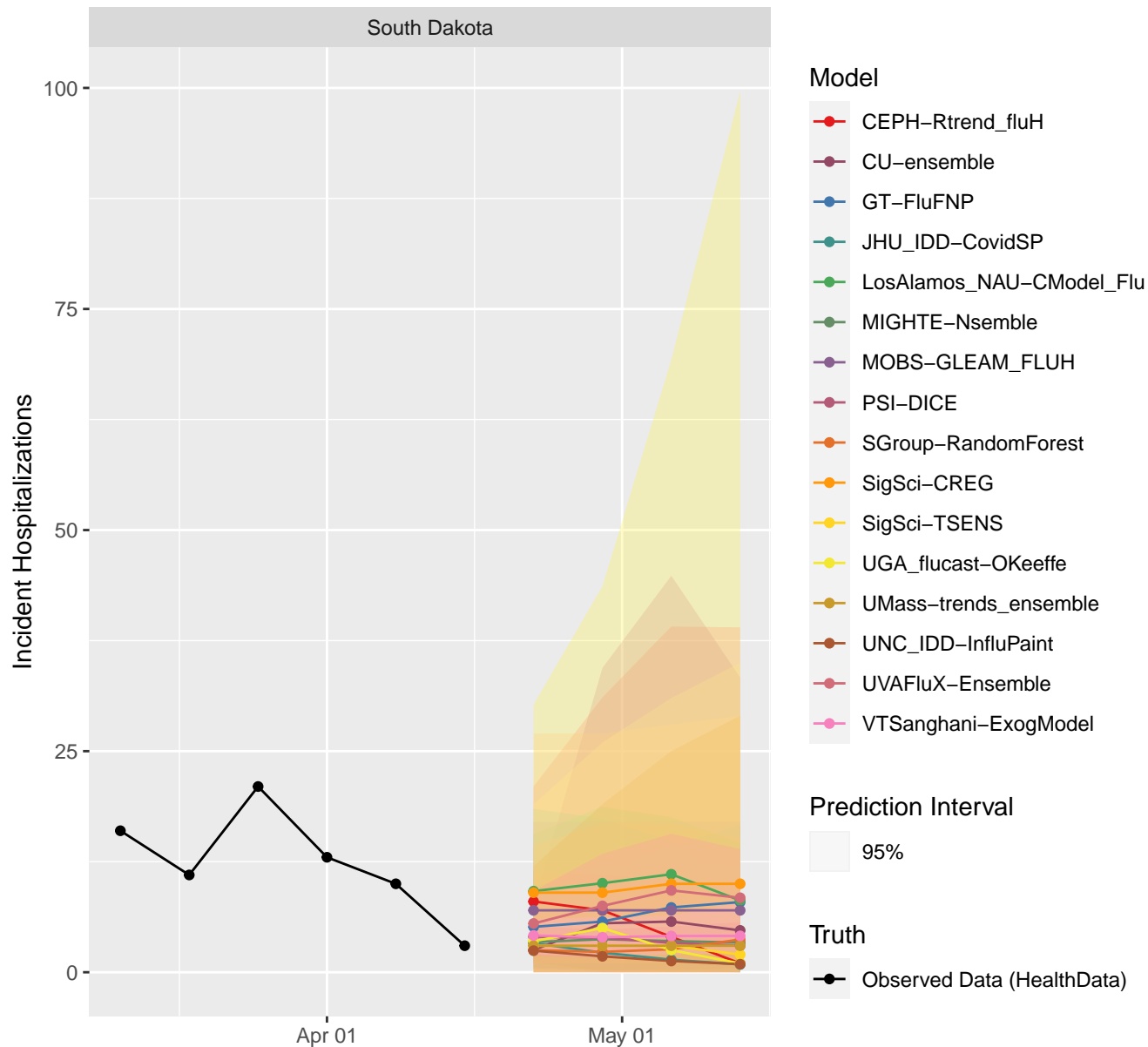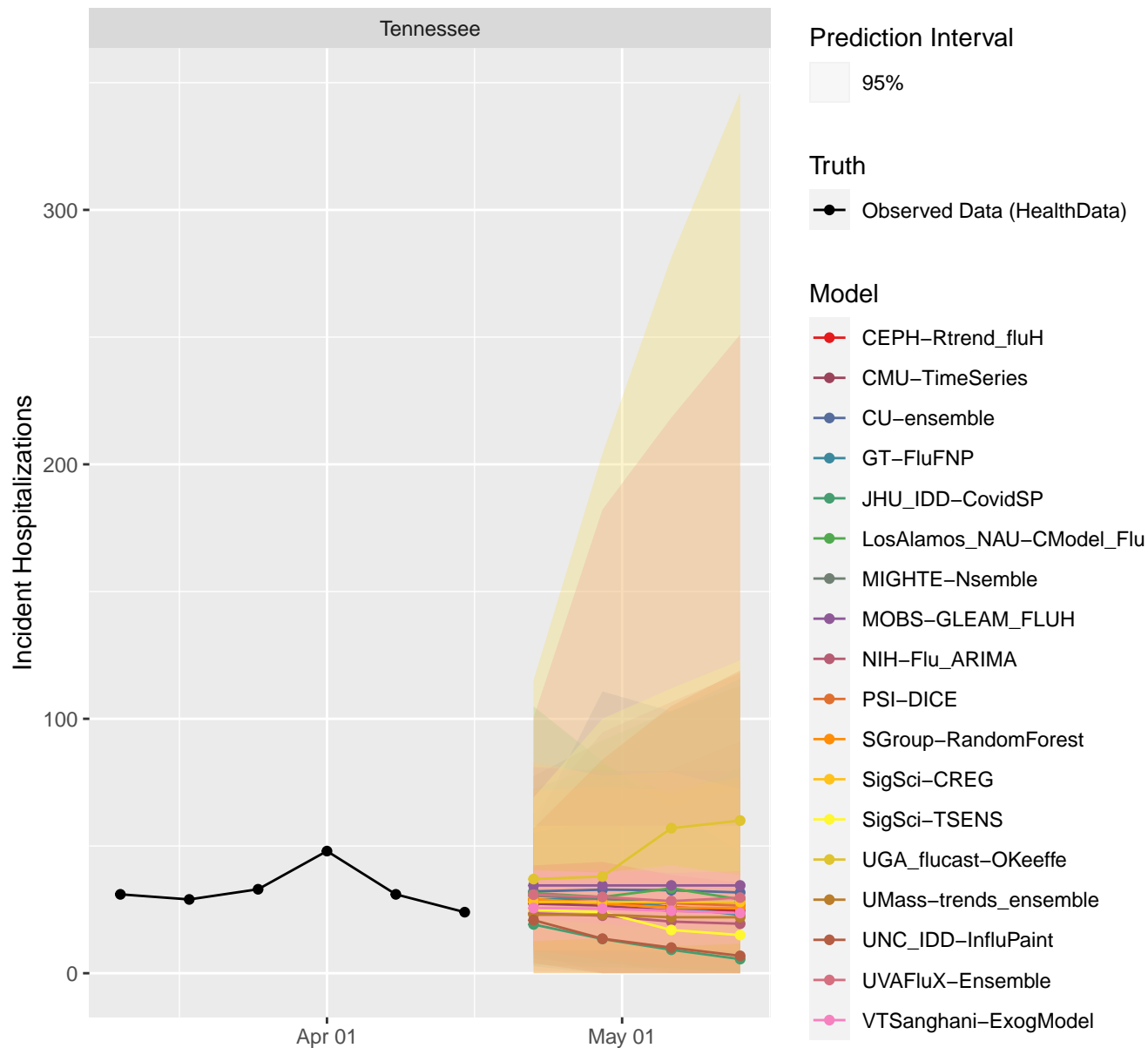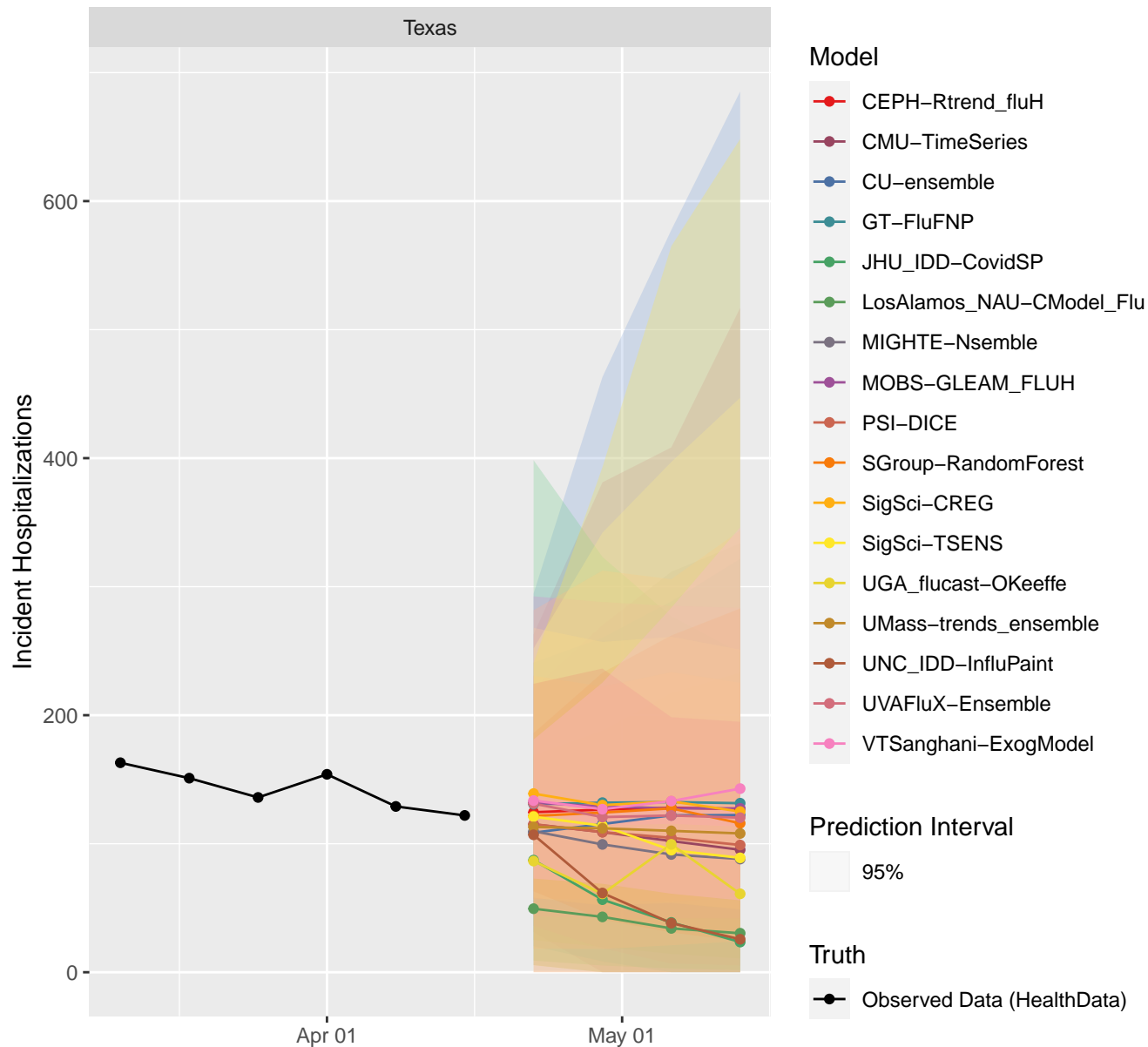
Selected location(s): Tennessee
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
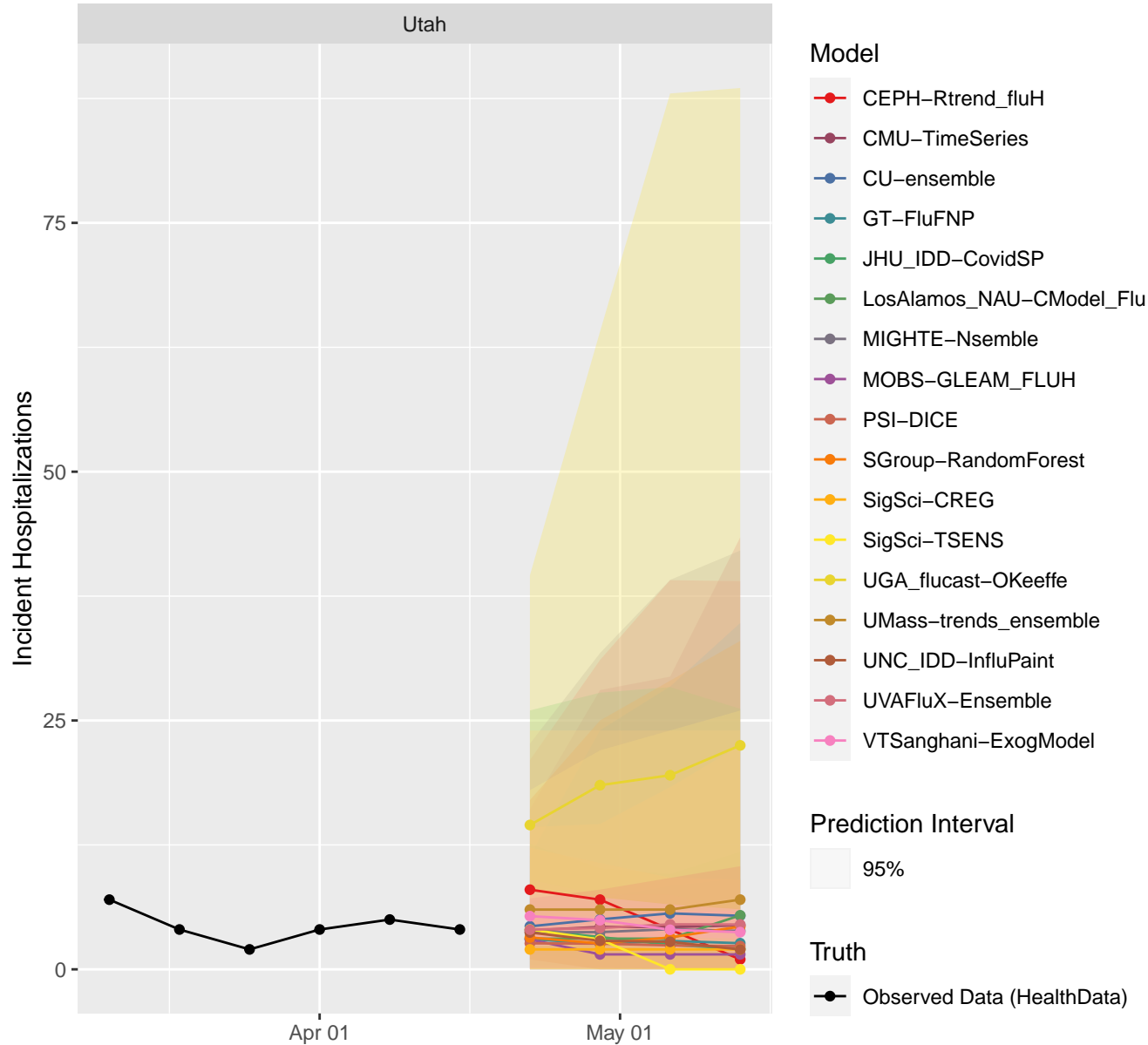
Selected location(s): Texas
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted
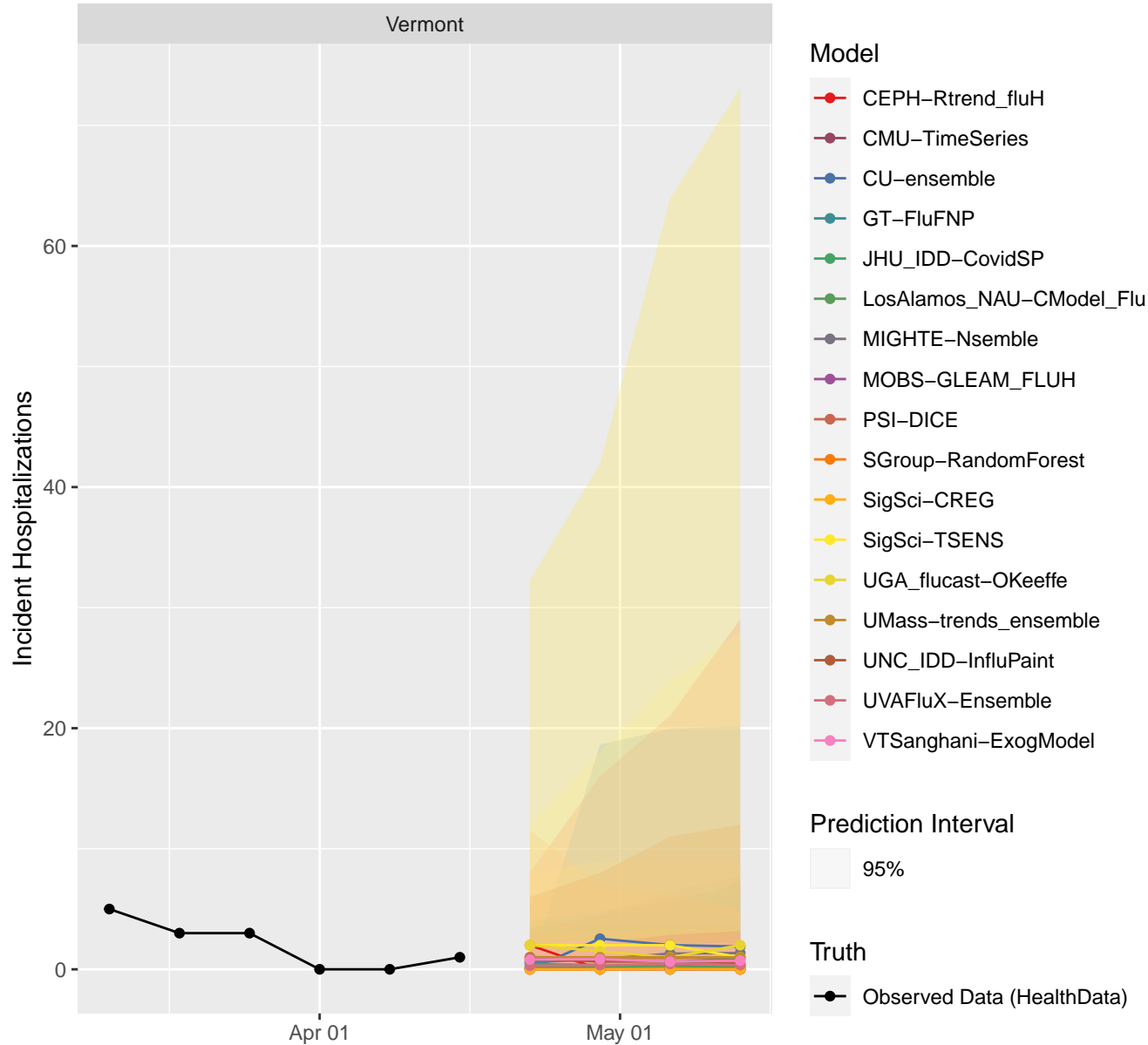
Selected location(s): Utah
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Vermont
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Virginia
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

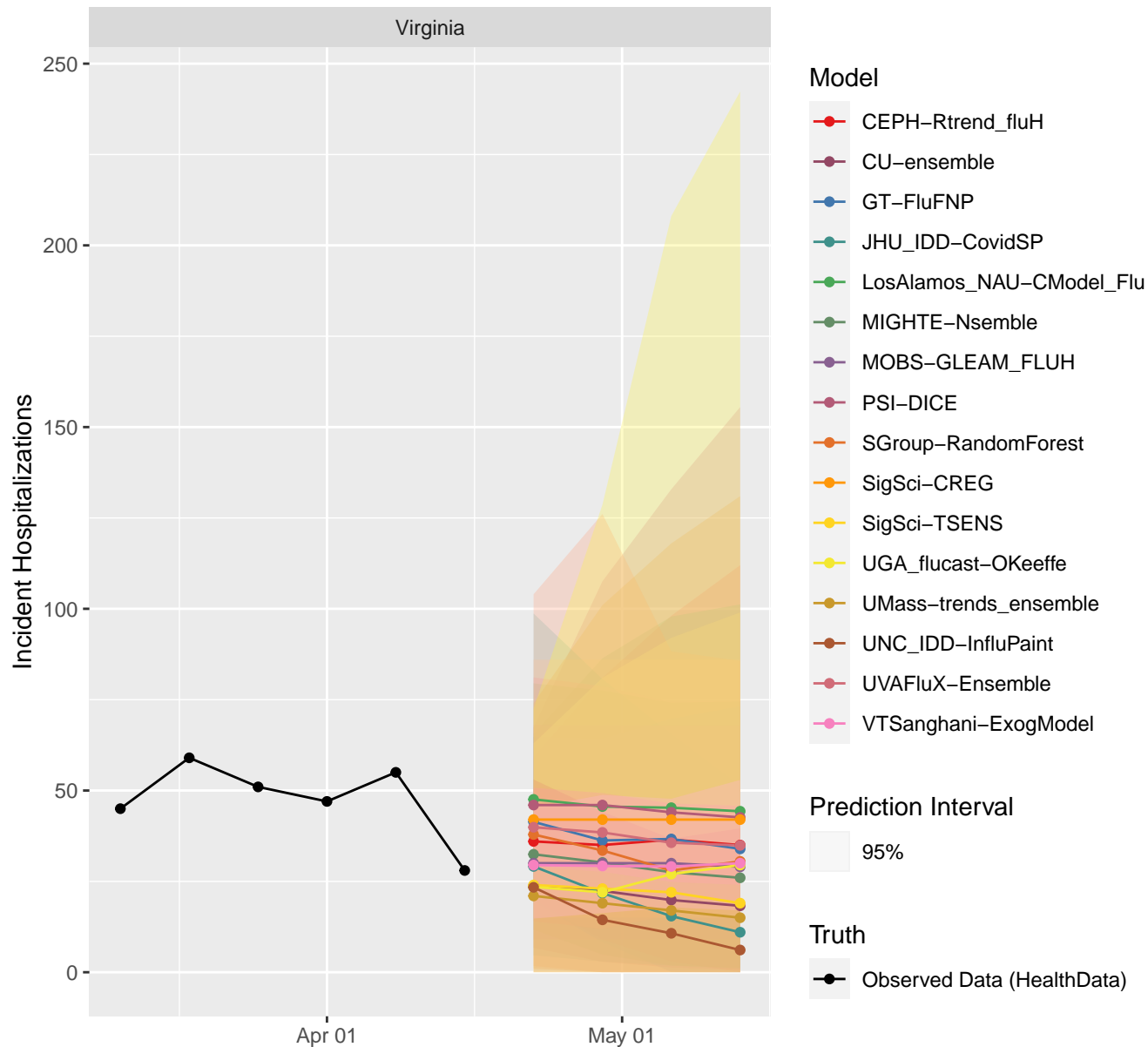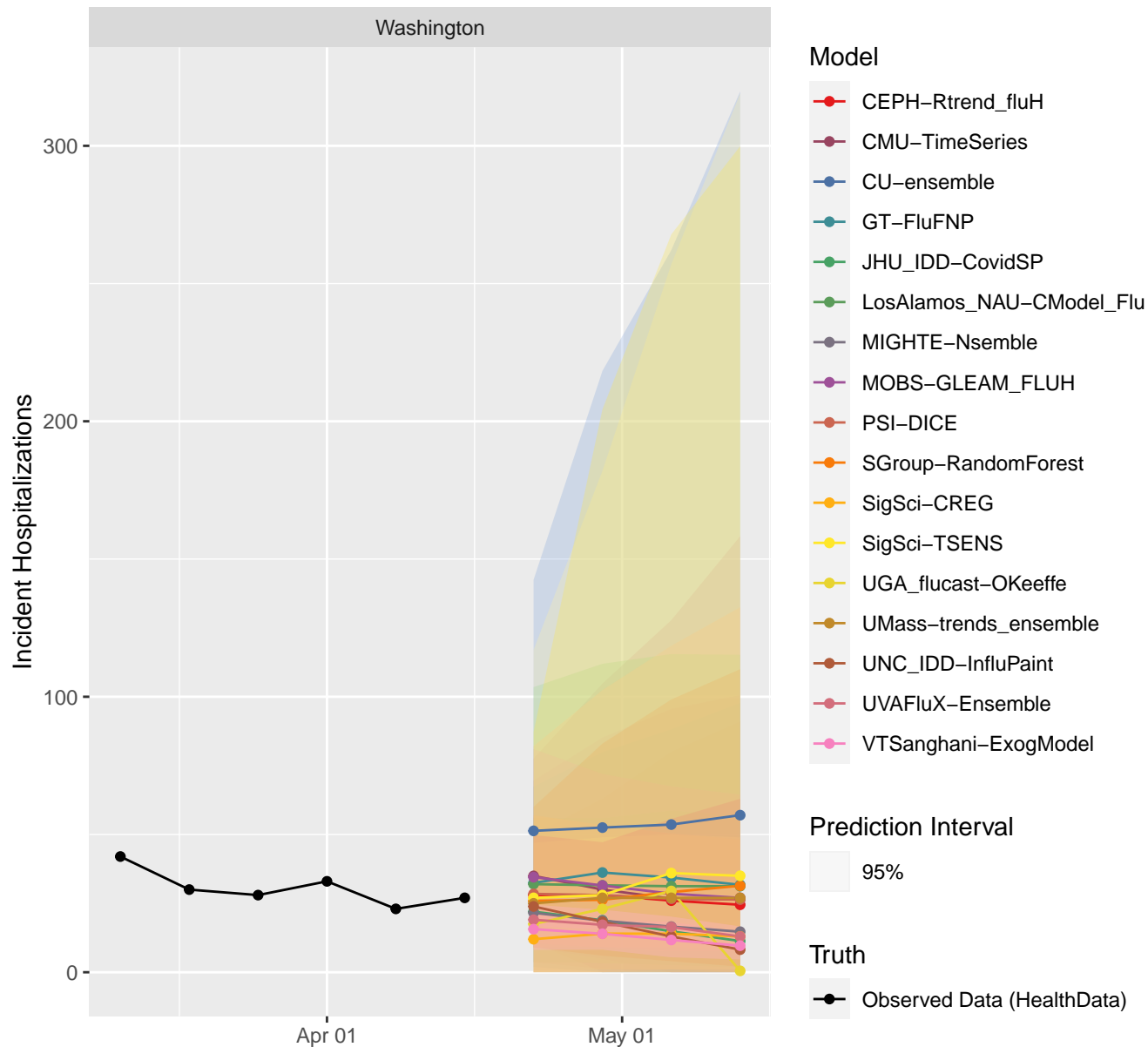Selected location(s): Washington
Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): West Virginia
Selected forecast date(s): 2023−04−17

Model

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

Prediction Interval

95%

Truth

Observed Data (HealthData)

Weekly Influenza Incident Hospitalizations: observed and forecasted
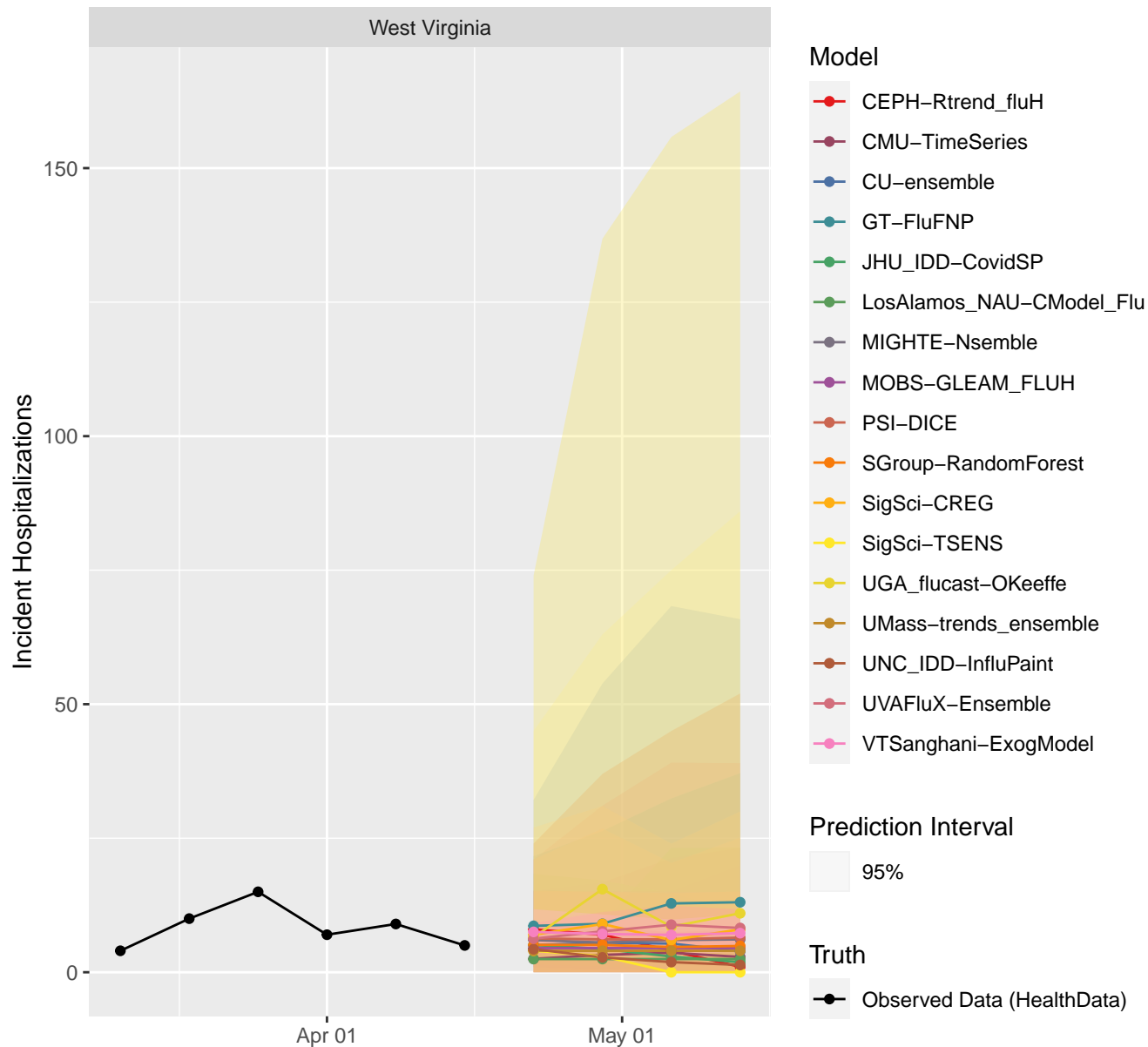
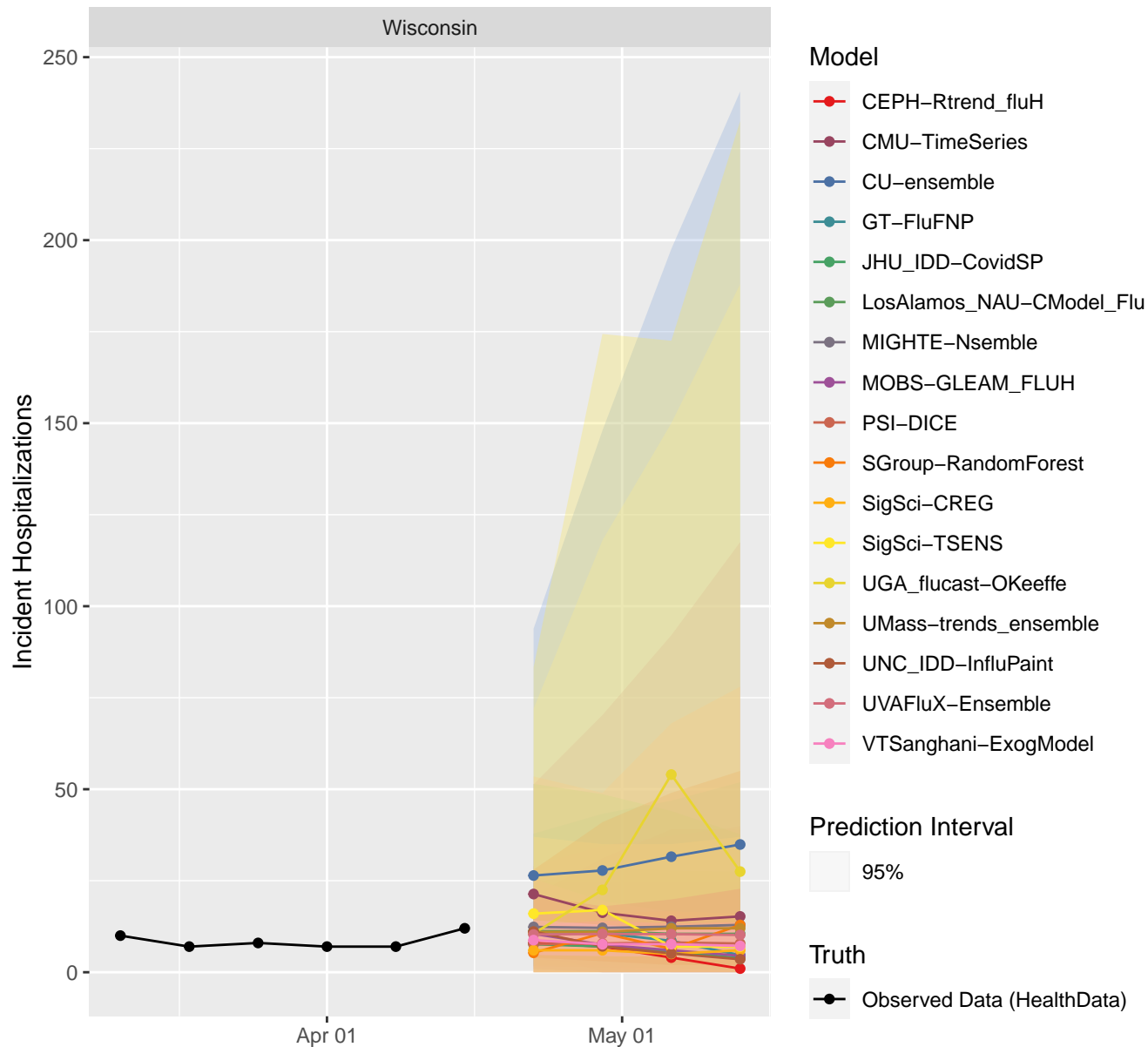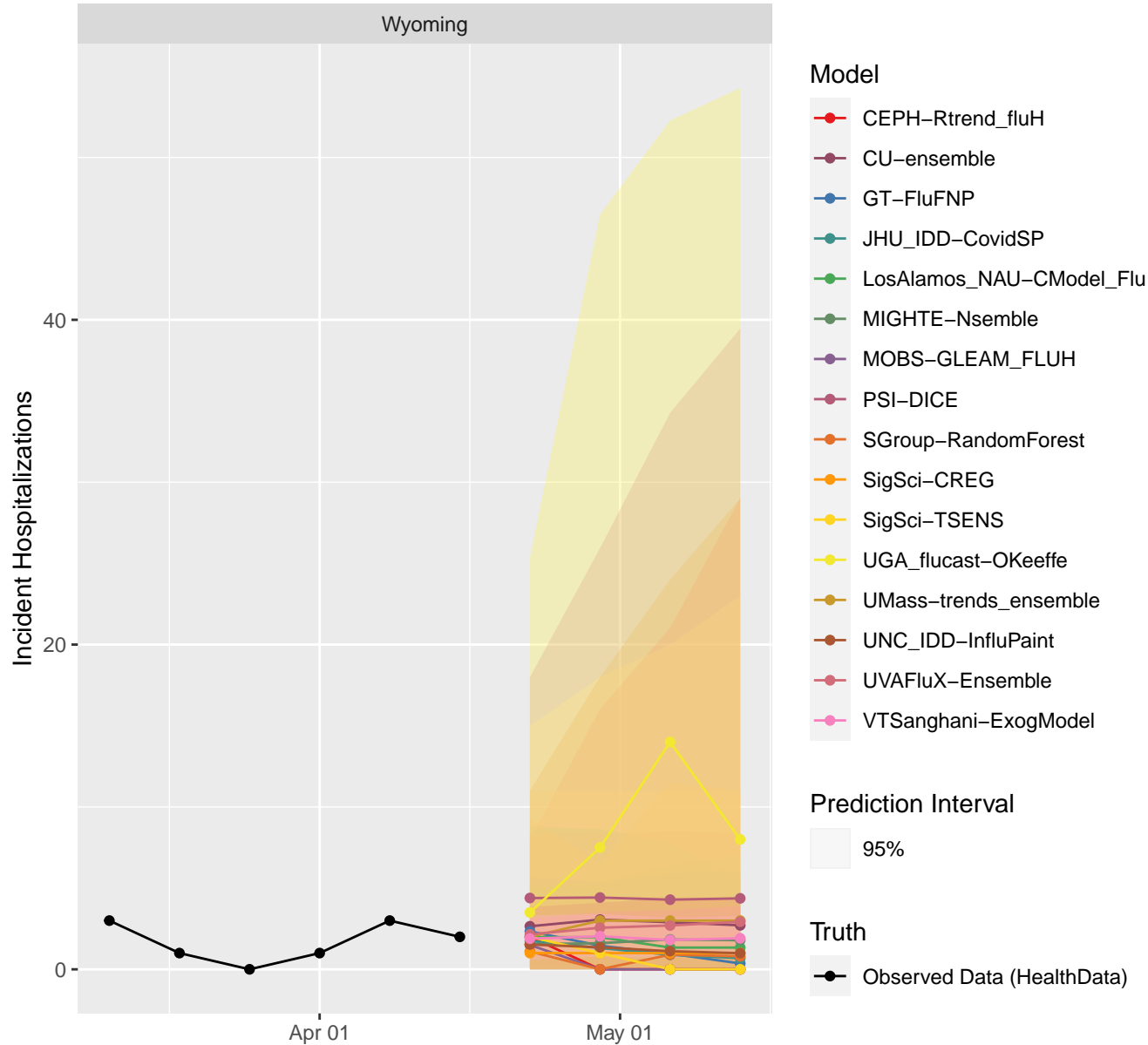Selected location(s): Wisconsin
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): Wyoming
Selected forecast date(s): 2023−04−17

Wyoming

Incident Hospitalizations

40

20

0

Apr 01   May 01

Model

- CEPH−Rtrend_fluH
- CU−ensemble
- GT−FluFNP
- JHU_IDD−CovidSP
- LosAlamos_NAU−CModel_Flu
- MIGHTE−Nsemble
- MOBS−GLEAM_FLUH
- PSI−DICE
- SGroup−RandomForest
- SigSci−CREG
- SigSci−TSENS
- UGA_flucast−OKeeffe
- 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): Puerto Rico
Selected forecast date(s): 2023–04–17

Weekly Influenza Incident Hospitalizations: observed and forecasted

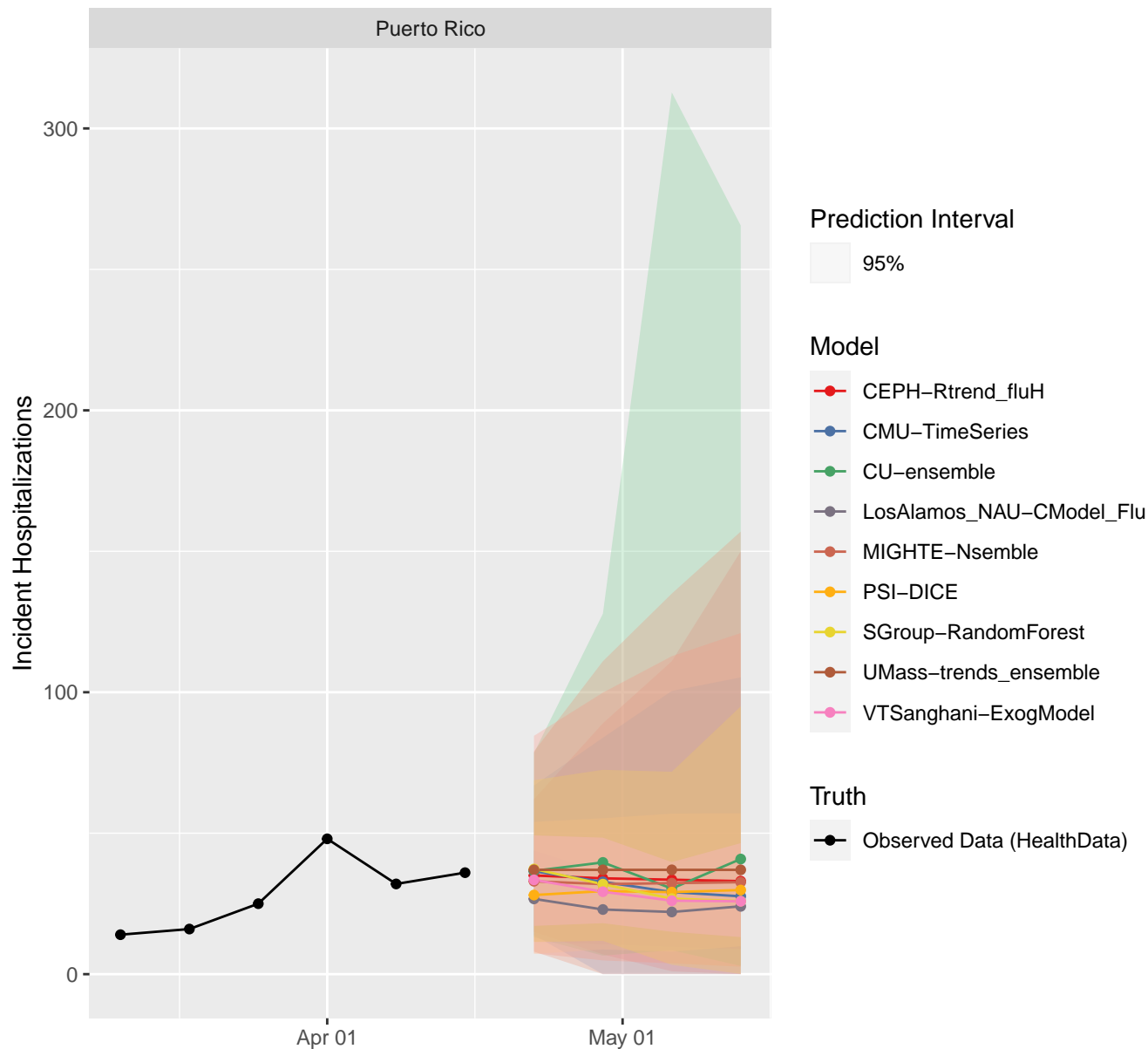Selected location(s): Virgin Islands
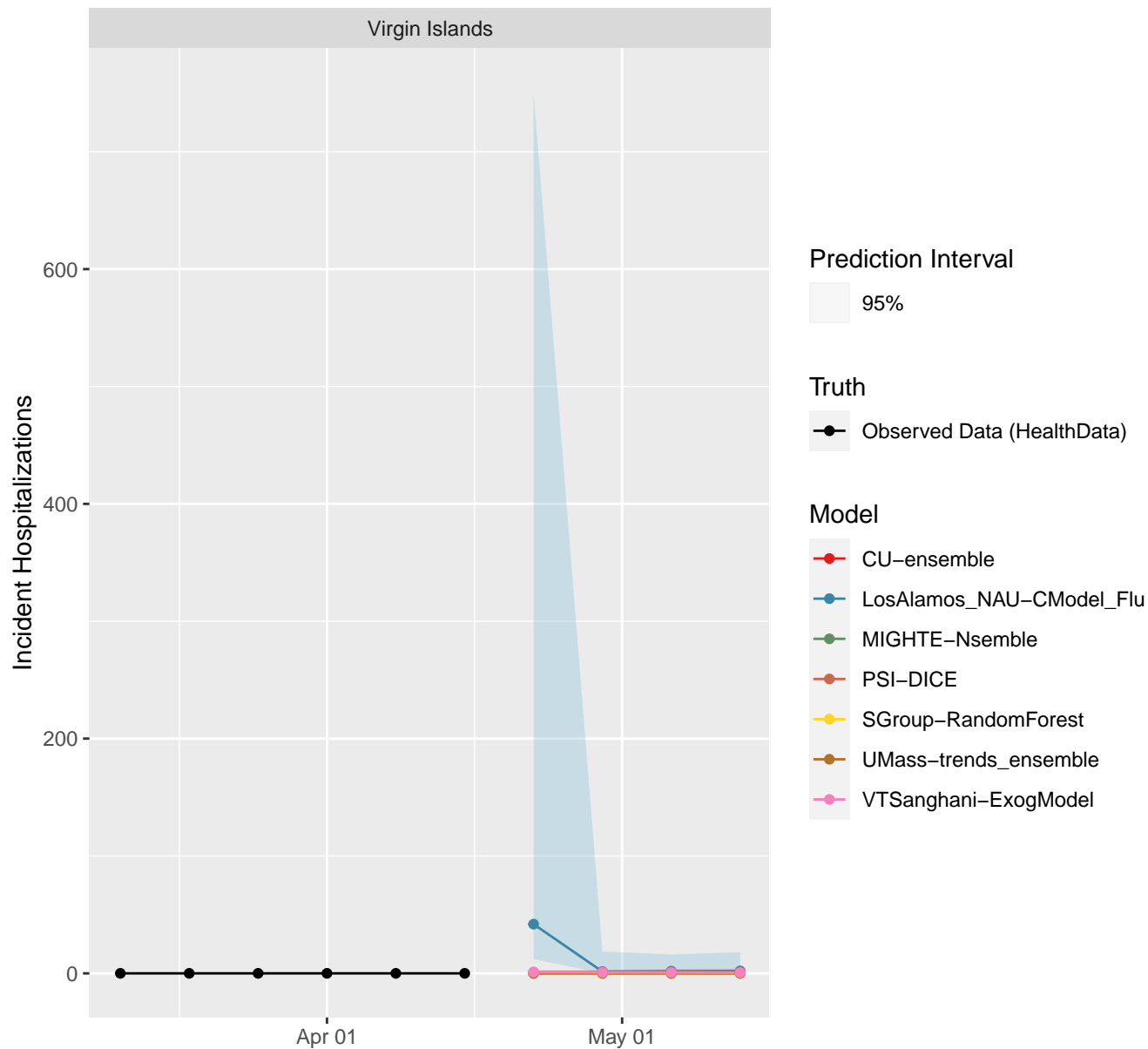Selected forecast date(s): 2023−04−17

Weekly Influenza Incident Hospitalizations: observed and forecasted

Selected location(s): United States
Selected forecast date(s): 2023−04−17

United States

Prediction Interval

95%

Truth

●— Observed Data (HealthData)

Model

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