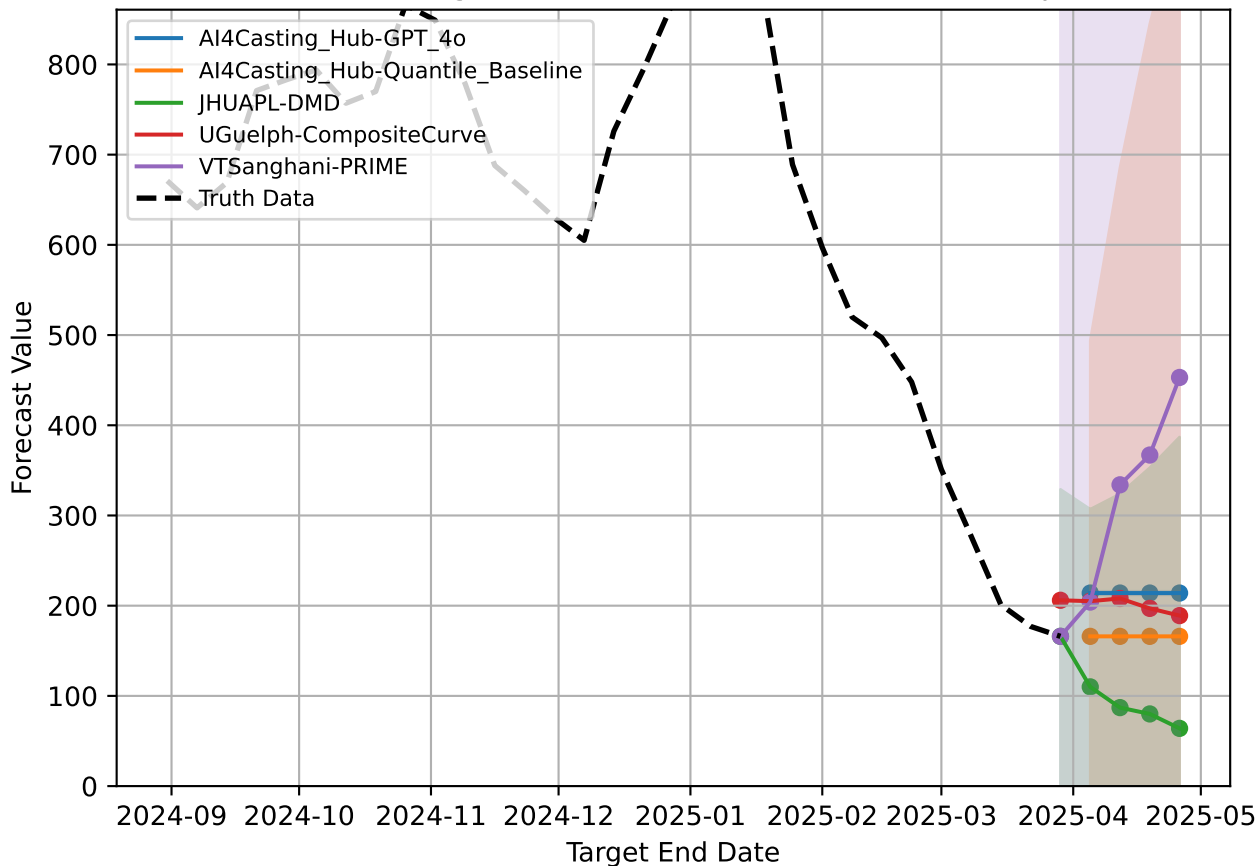
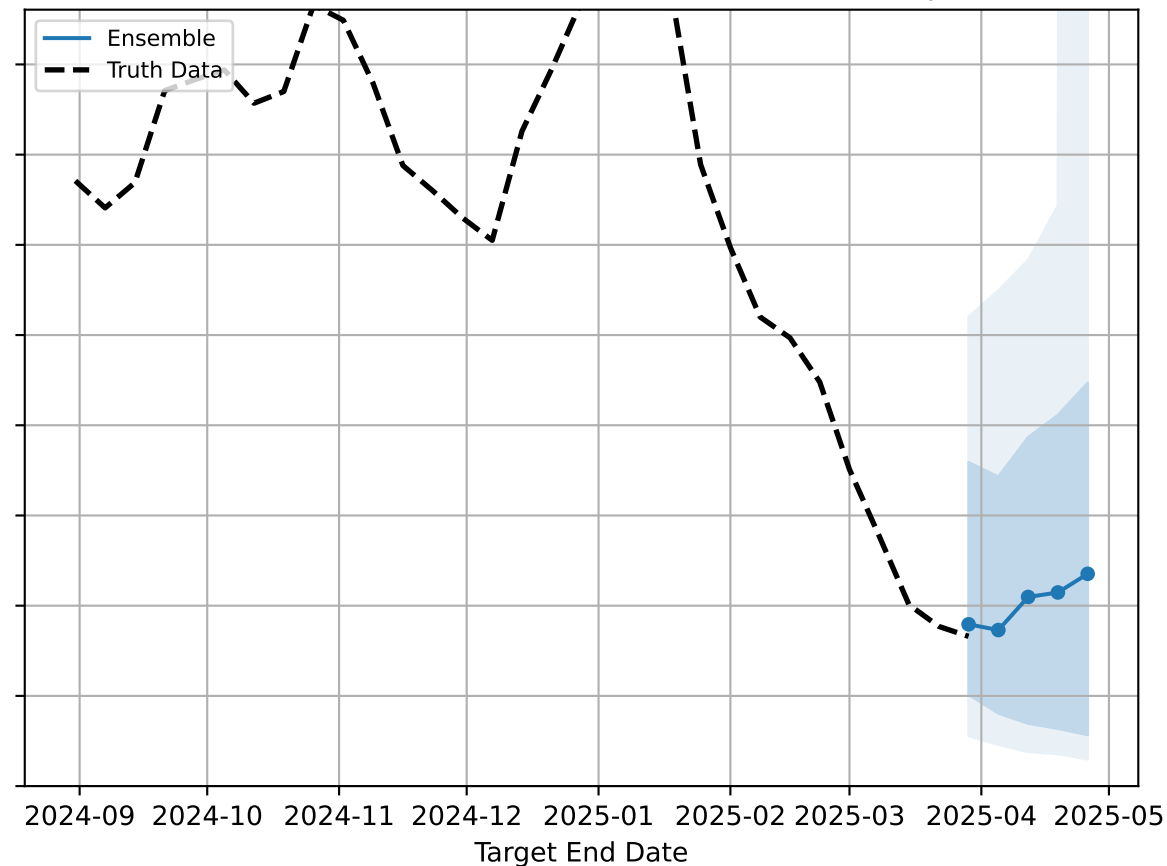


Forecasting Models - Ontario - wk inc covid hosp



Ensemble Model - Ontario - wk inc covid hosp



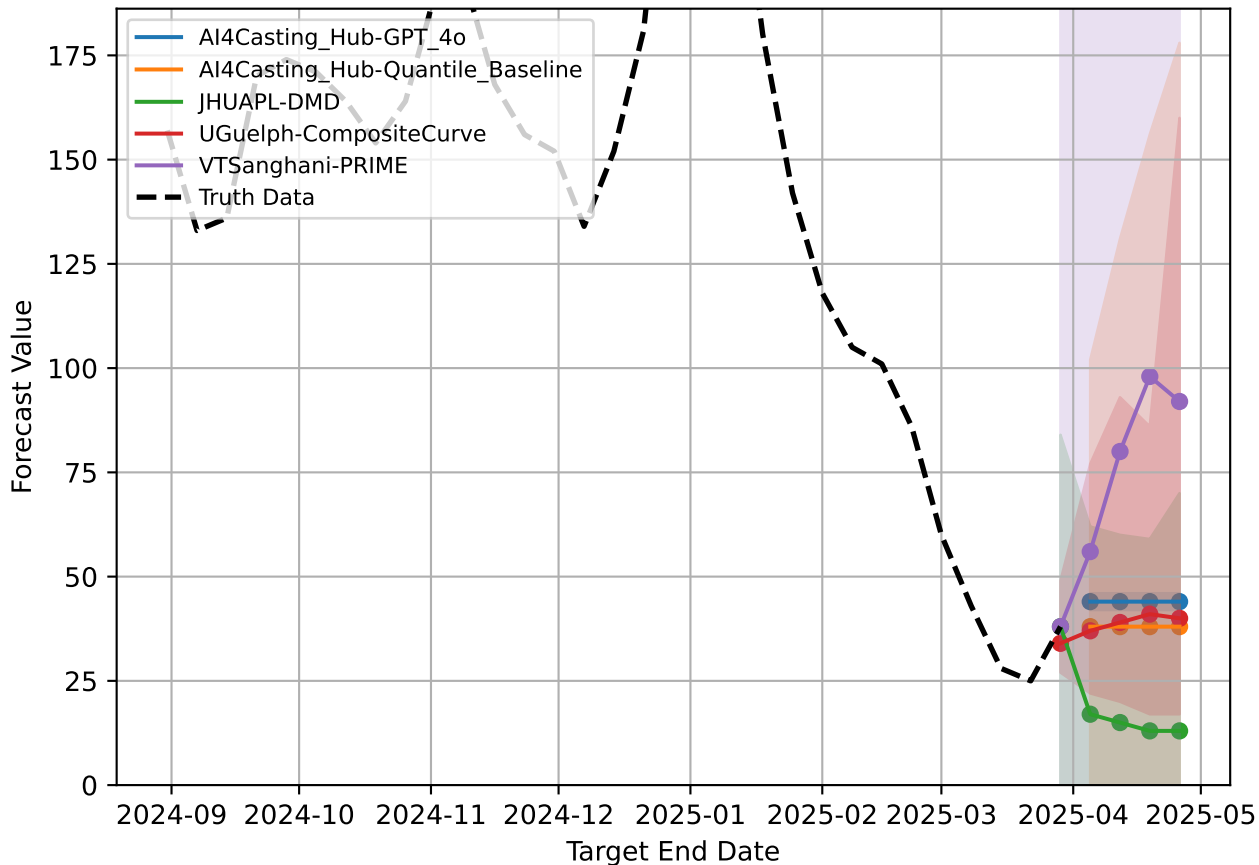
The chart displays the Target End Date (X-axis) for various models and the Truth Data (Y-axis). The X-axis ranges from 2024-09 to 2025-04. The Y-axis ranges from 0 to 100. The Truth Data is represented by a black dashed line. The models are represented by colored lines and shaded areas: AI4Casting_Hub-GPT_4o (blue), AI4Casting_Hub-Quantile_Baseline (orange), JHUAPL-DMD (green), UGuelph-CompositeCurve (red), VTSanghani-PRIME (purple), and Truth Data (black dashed line). The shaded areas represent the uncertainty or confidence intervals for each model. The Truth Data shows a significant peak around 2025-01, reaching a value of approximately 100. The models generally follow the trend of the Truth Data, with VTSanghani-PRIME showing the highest values and JHUAPL-DMD showing the lowest values in the later period.

Target End Date	AI4Casting_Hub-GPT_4o	AI4Casting_Hub-Quantile_Baseline	JHUAPL-DMD	UGuelph-CompositeCurve	VTSanghani-PRIME	Truth Data
2024-09-01	-	-	-	-	-	~45
2024-09-15	-	-	-	-	-	~40
2024-09-30	-	-	-	-	-	~45
2024-10-15	-	-	-	-	-	~48
2024-10-30	-	-	-	-	-	~42
2024-11-15	-	-	-	-	-	~55
2024-11-30	-	-	-	-	-	~85
2024-12-15	-	-	-	-	-	~35
2024-12-30	-	-	-	-	-	~32
2025-01-15	-	-	-	-	-	~55
2025-01-30	-	-	-	-	-	~100
2025-02-15	-	-	-	-	-	~85
2025-02-28	-	-	-	-	-	~45
2025-03-15	-	-	-	-	-	~35
2025-03-31	-	-	-	-	-	~30
2025-04-01	~35	~35	~35	~35	~35	~35
2025-04-15	~35	~35	~35	~35	~35	~35
2025-04-30	~35	~35	~35	~35	~35	~35
2025-05-15	~35	~35	~35	~35	~35	~35
2025-05-31	~35	~35	~35	~35	~35	~35

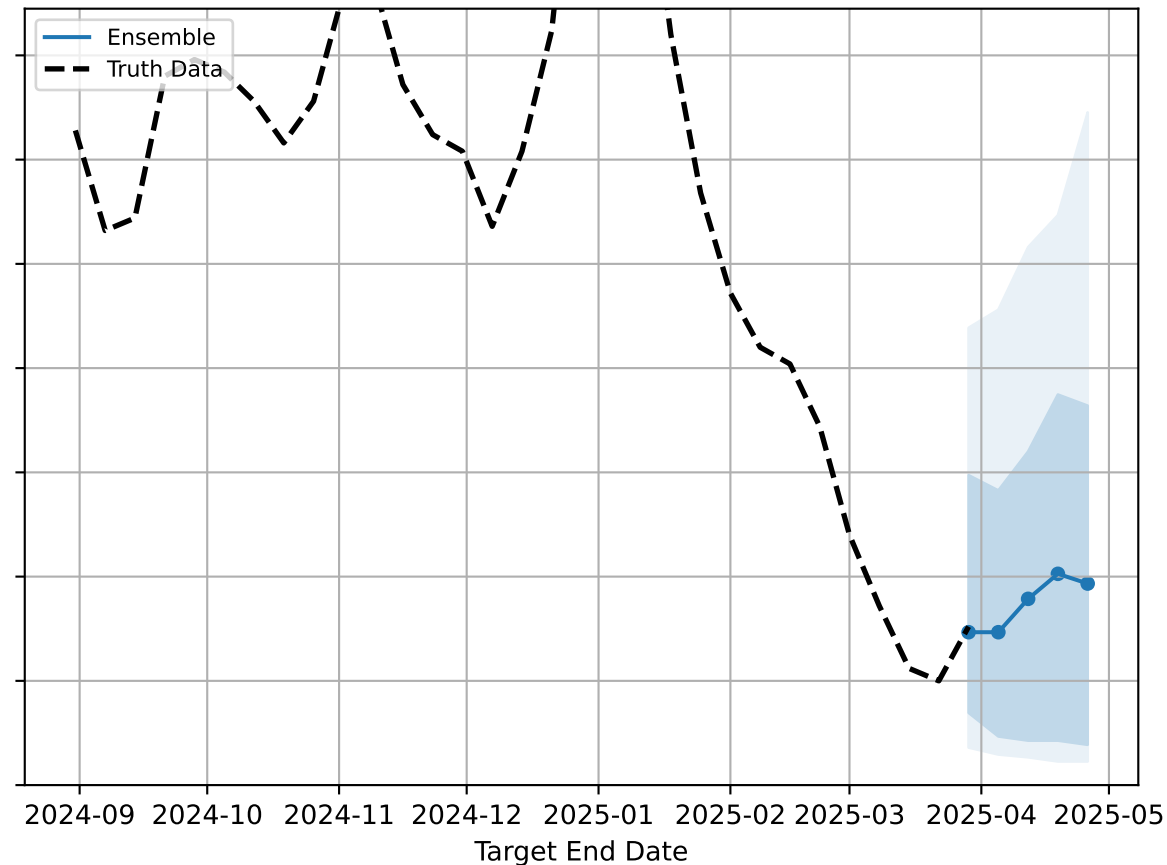
The chart displays the performance of an Ensemble model against Truth Data. The x-axis represents the Target End Date from September 2024 to May 2025. The y-axis represents an unlabeled metric. The Truth Data (dashed black line) shows a complex pattern with a major peak in early 2025. The Ensemble model (solid blue line) follows the Truth Data closely until late 2024, after which it diverges significantly, failing to capture the peak and instead showing a gradual decline. The shaded blue area indicates the model's uncertainty, which widens as the prediction horizon extends.

Target End Date	Truth Data (approx.)	Ensemble (approx.)
2024-09-01	0.45	0.45
2024-10-01	0.55	0.55
2024-11-01	0.85	0.85
2024-12-01	0.45	0.45
2025-01-01	1.00	0.85
2025-02-01	0.55	0.75
2025-03-01	0.35	0.65
2025-04-01	0.25	0.55
2025-05-01	0.25	0.55

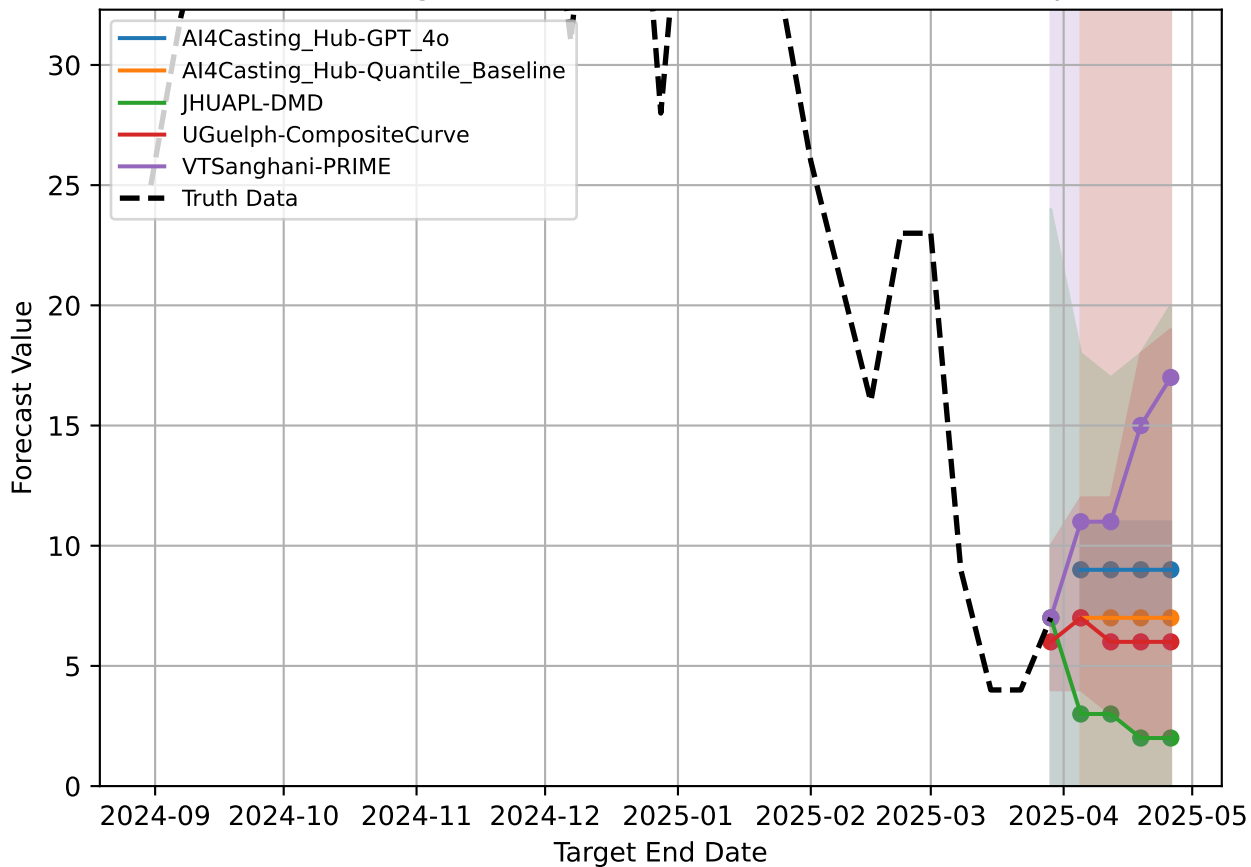
Forecasting Models - East - wk inc covid hosp



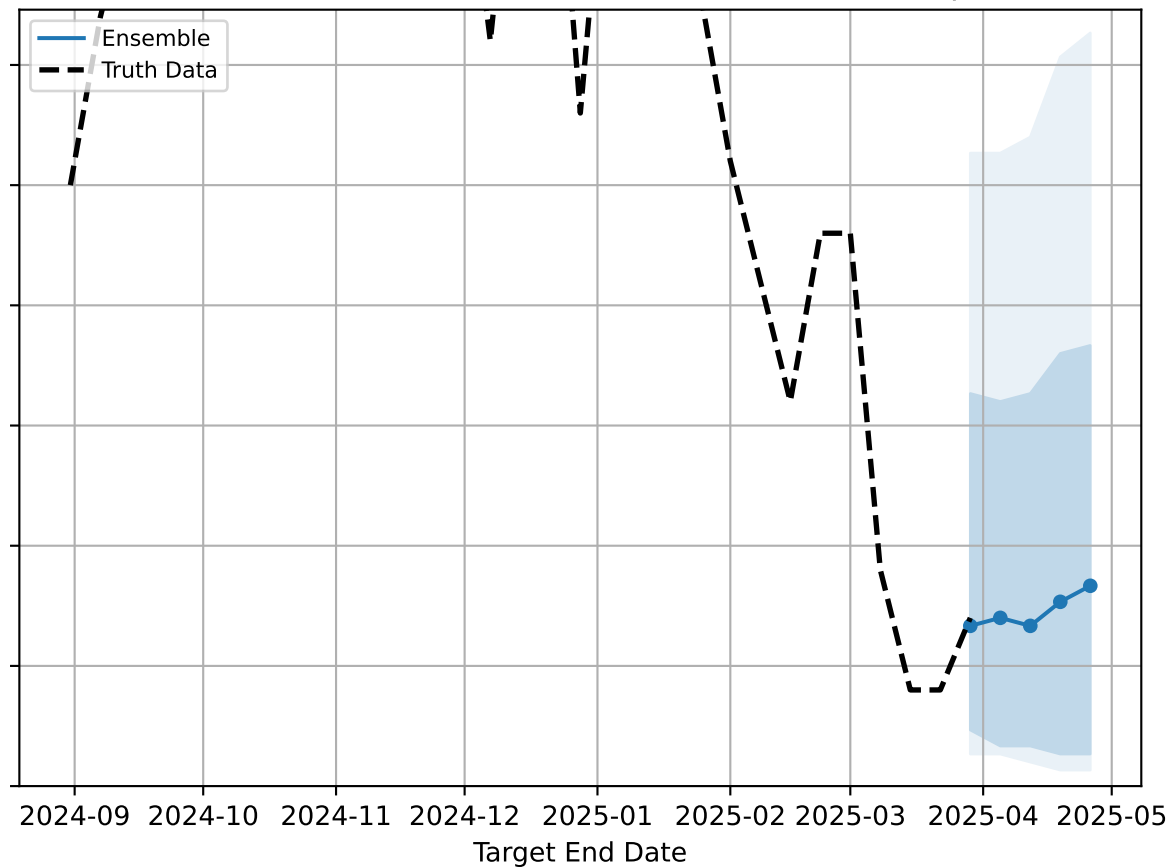
Ensemble Model - East - wk inc covid hosp



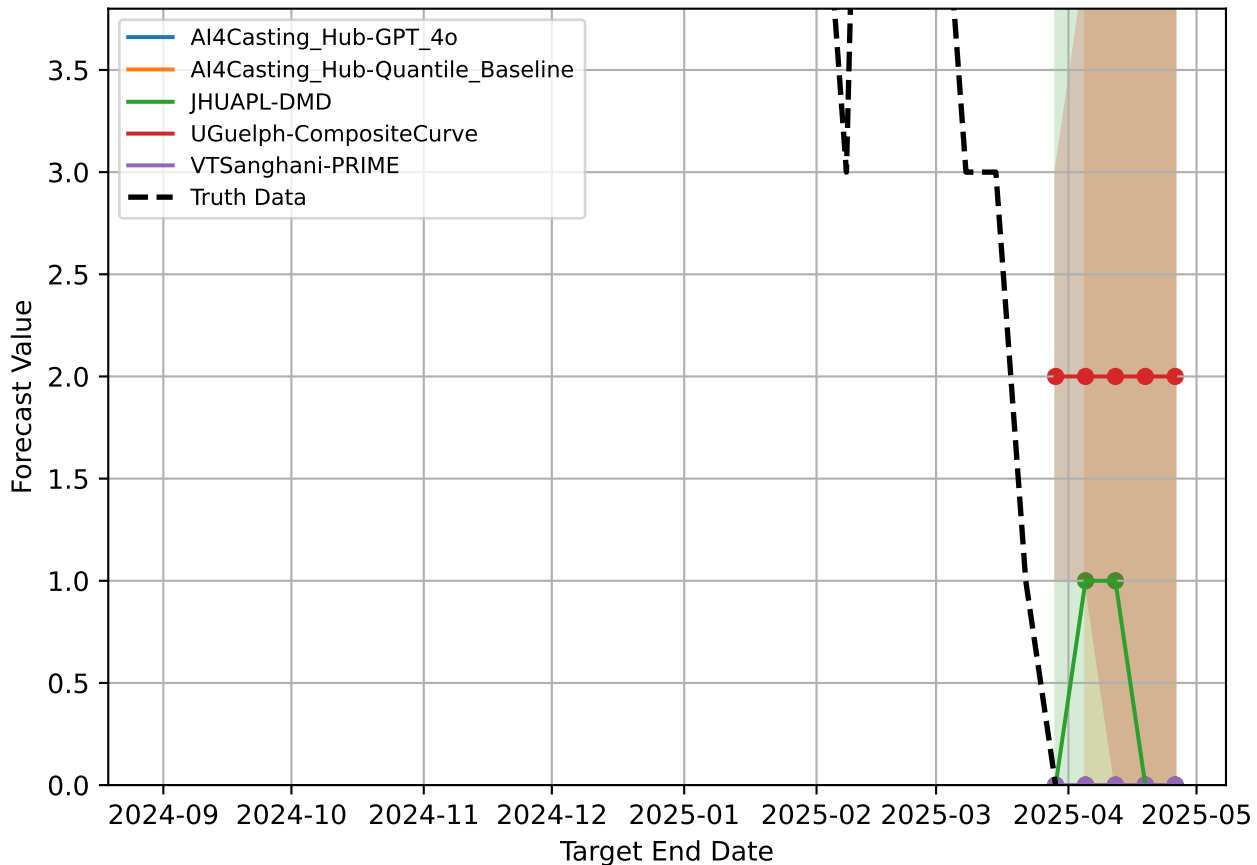
Forecasting Models - North East - wk inc covid hosp



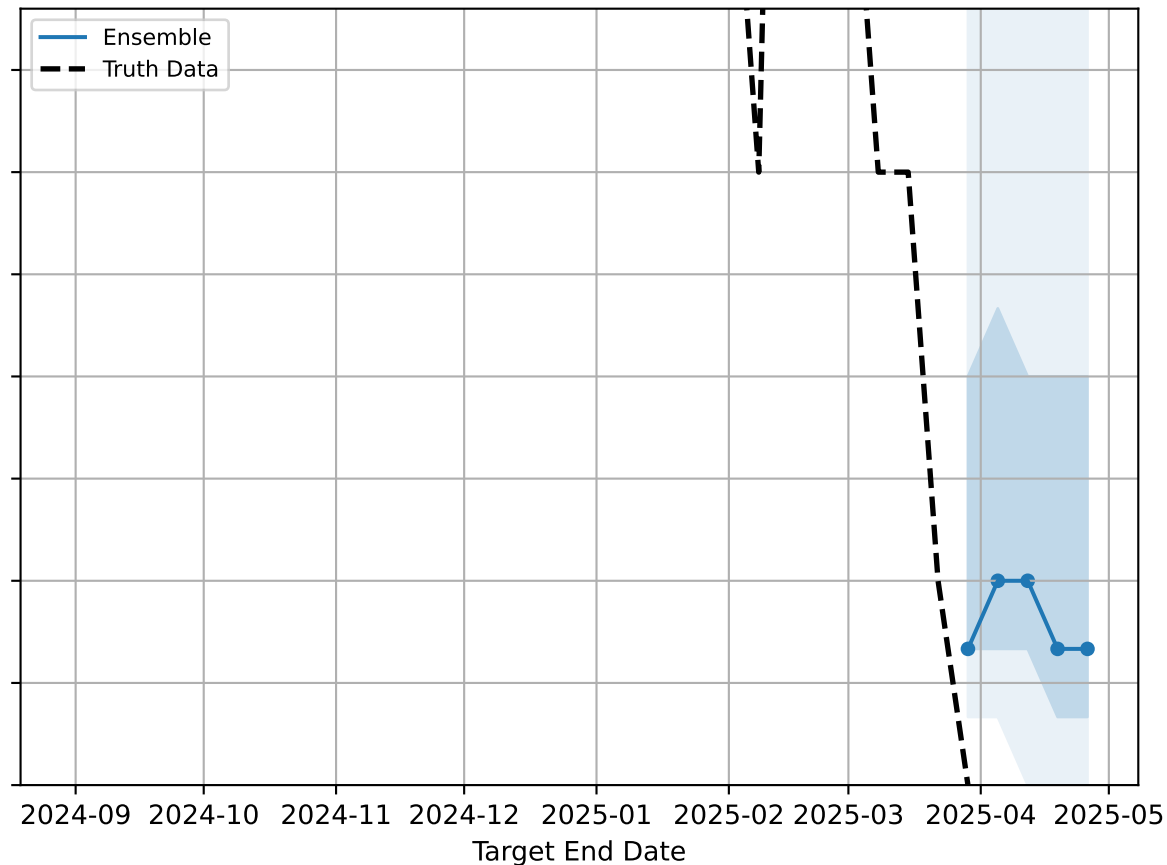
Ensemble Model - North East - wk inc covid hosp



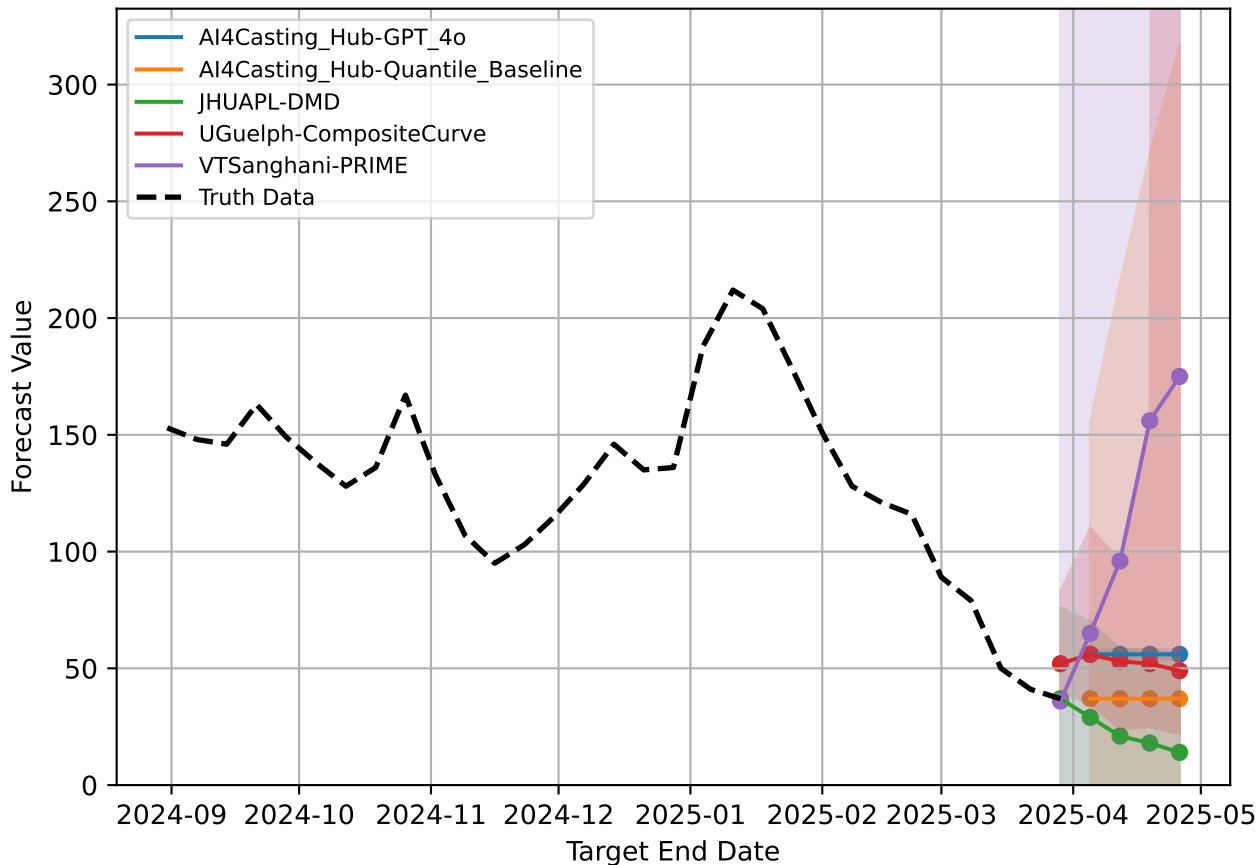
Forecasting Models - North West - wk inc covid hosp



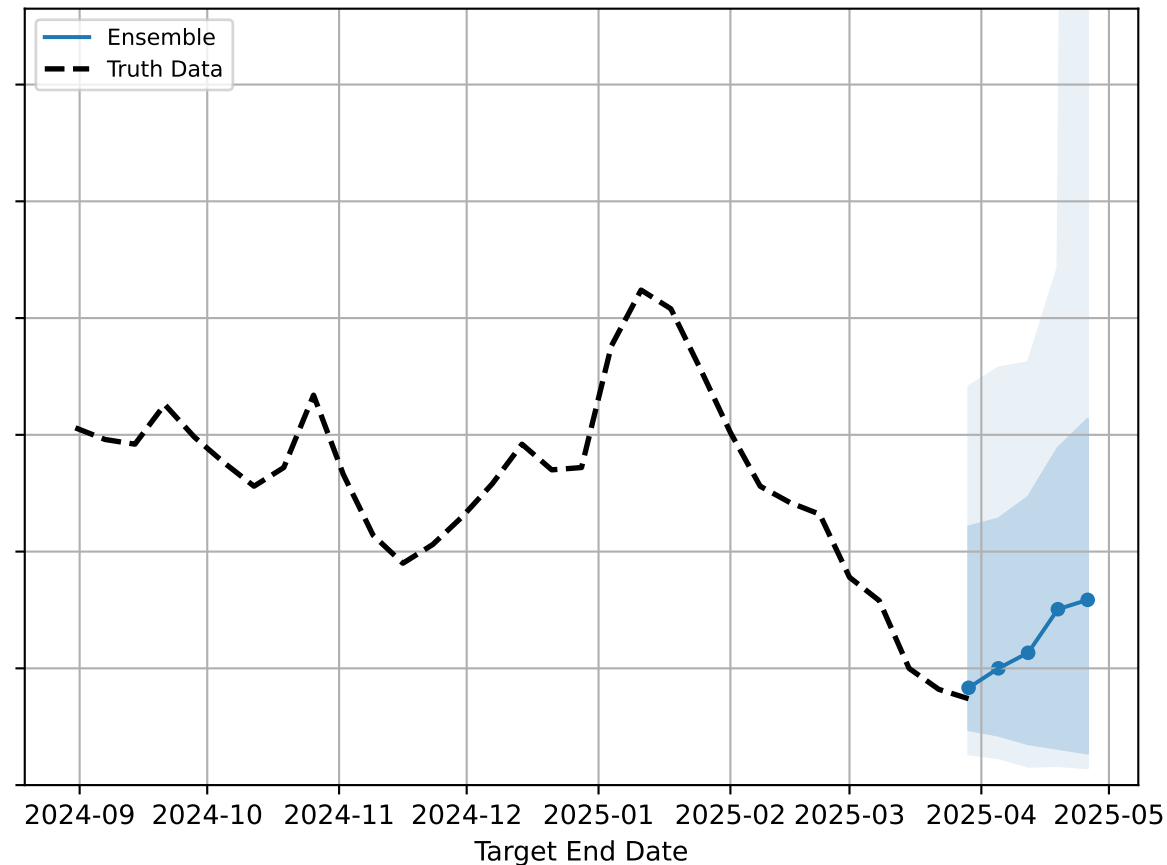
Ensemble Model - North West - wk inc covid hosp



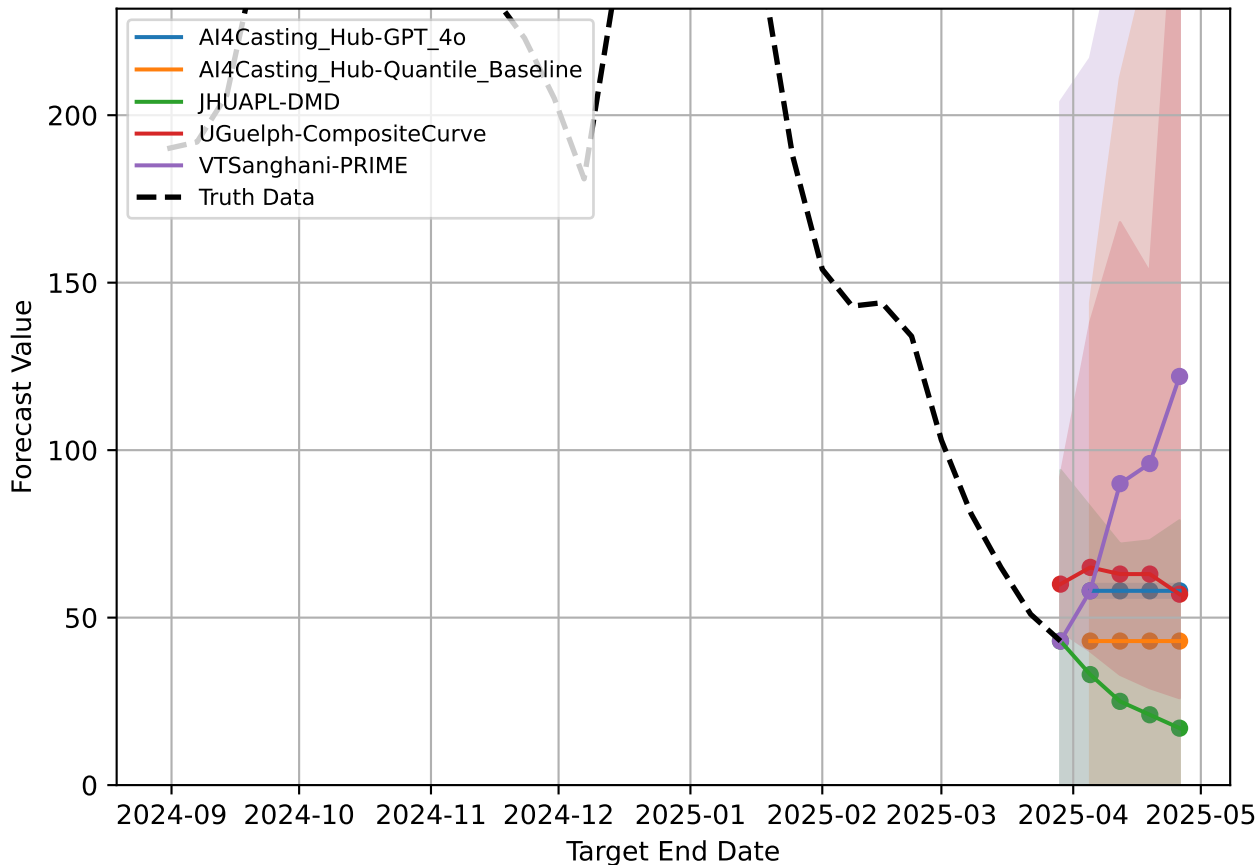
Forecasting Models - Toronto - wk inc covid hosp



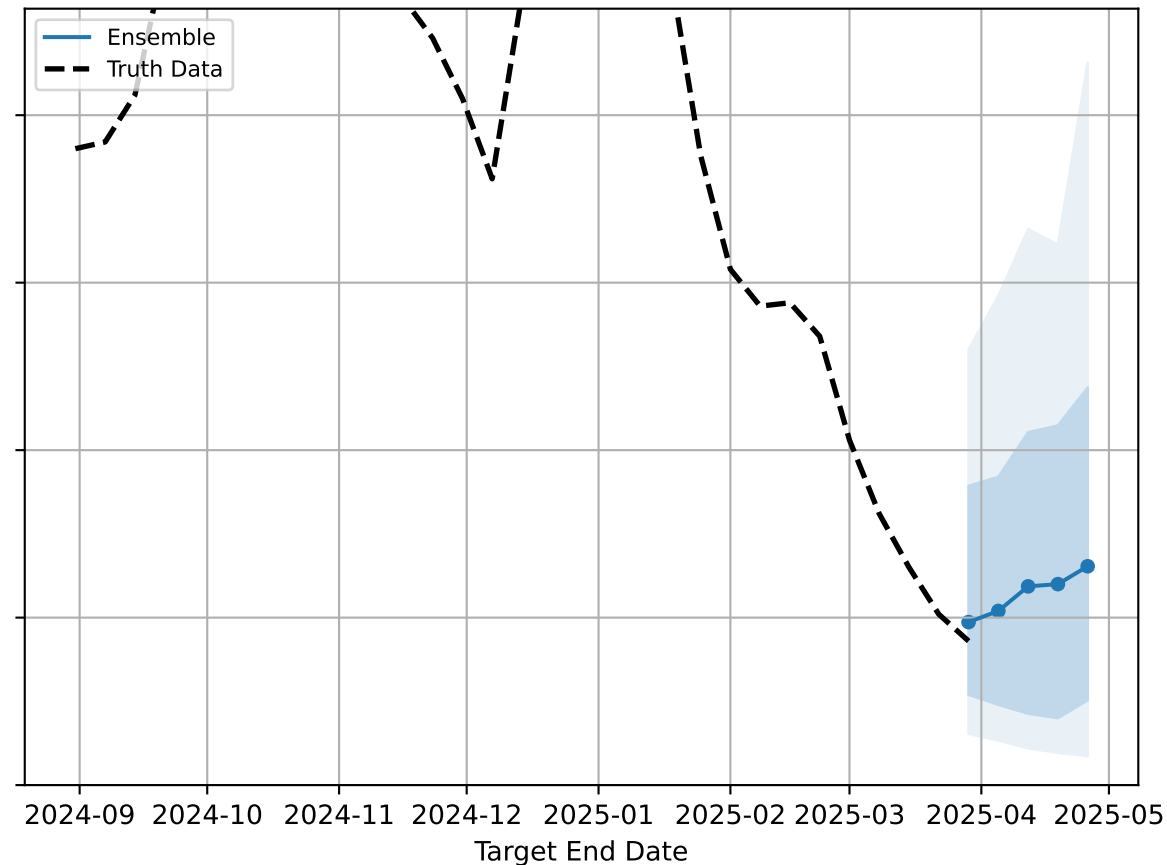
Ensemble Model - Toronto - wk inc covid hosp



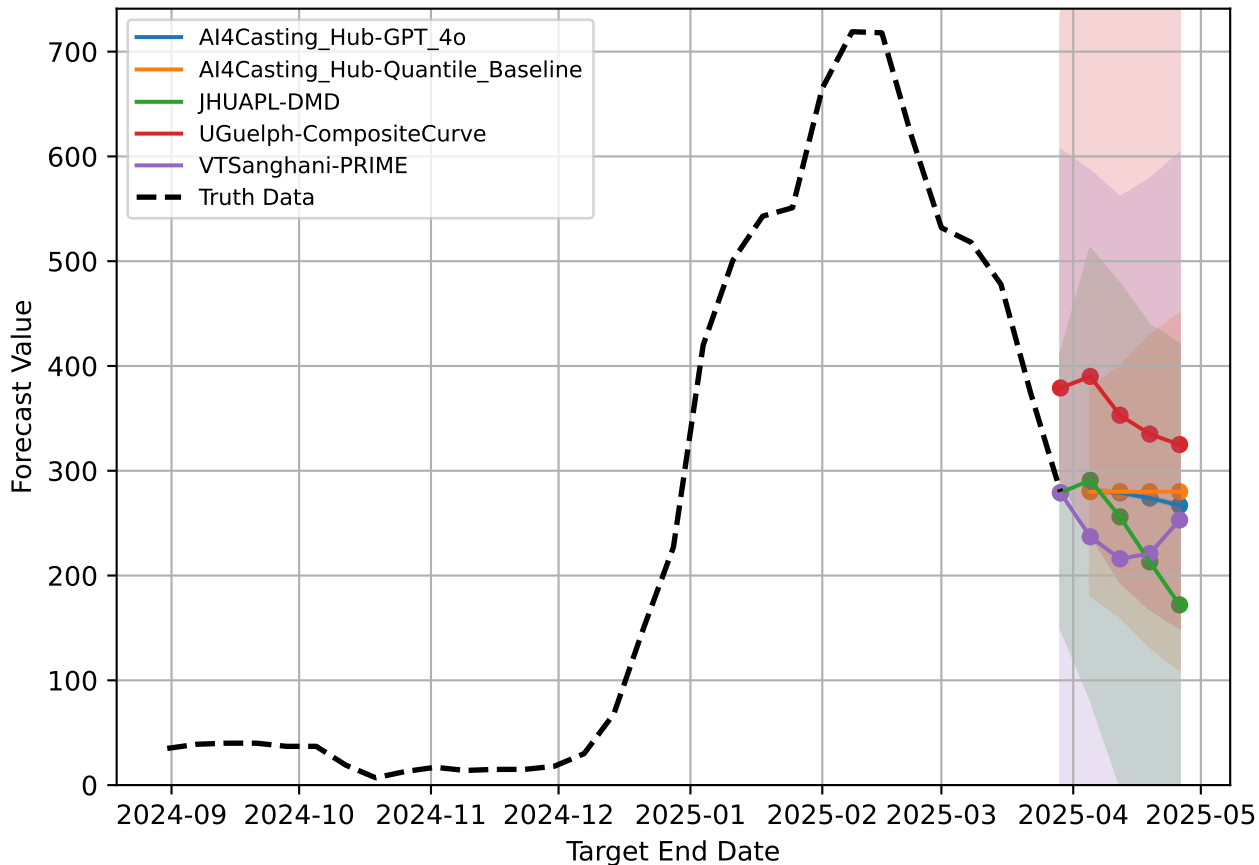
Forecasting Models - West - wk inc covid hosp



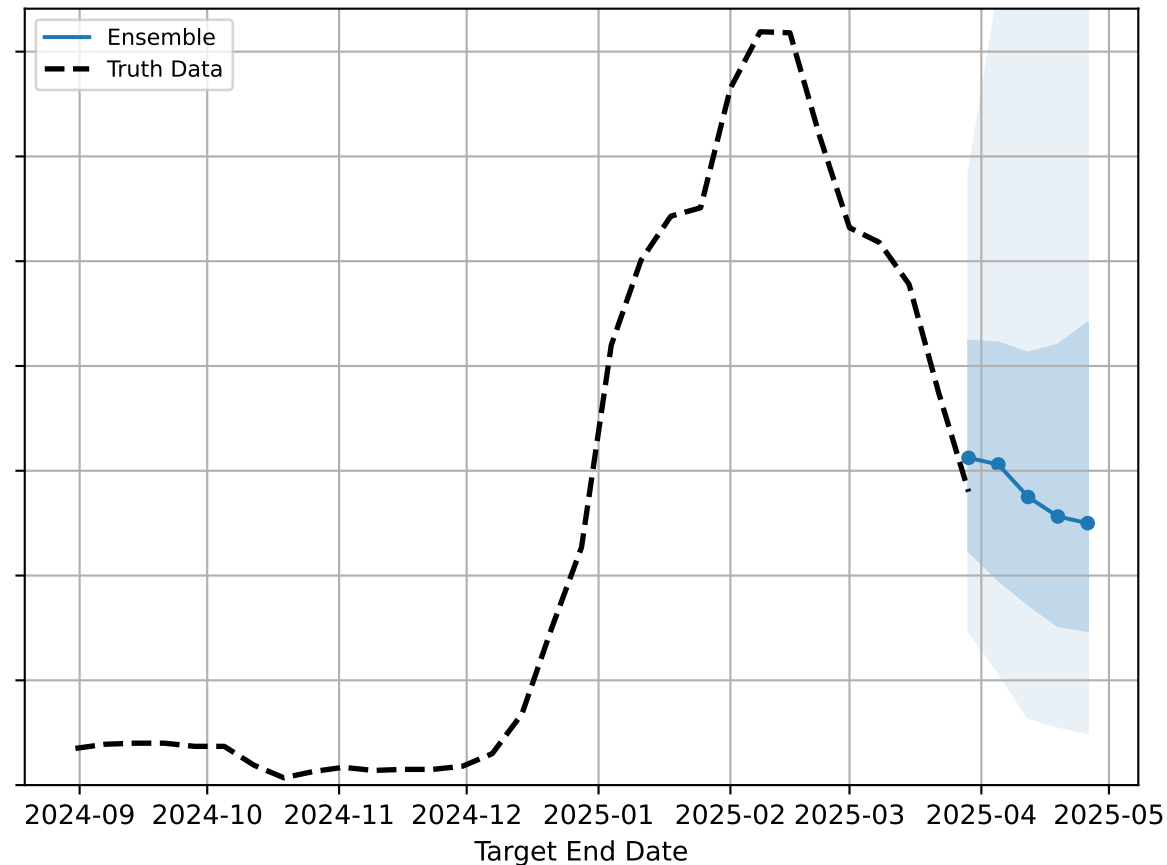
Ensemble Model - West - wk inc covid hosp



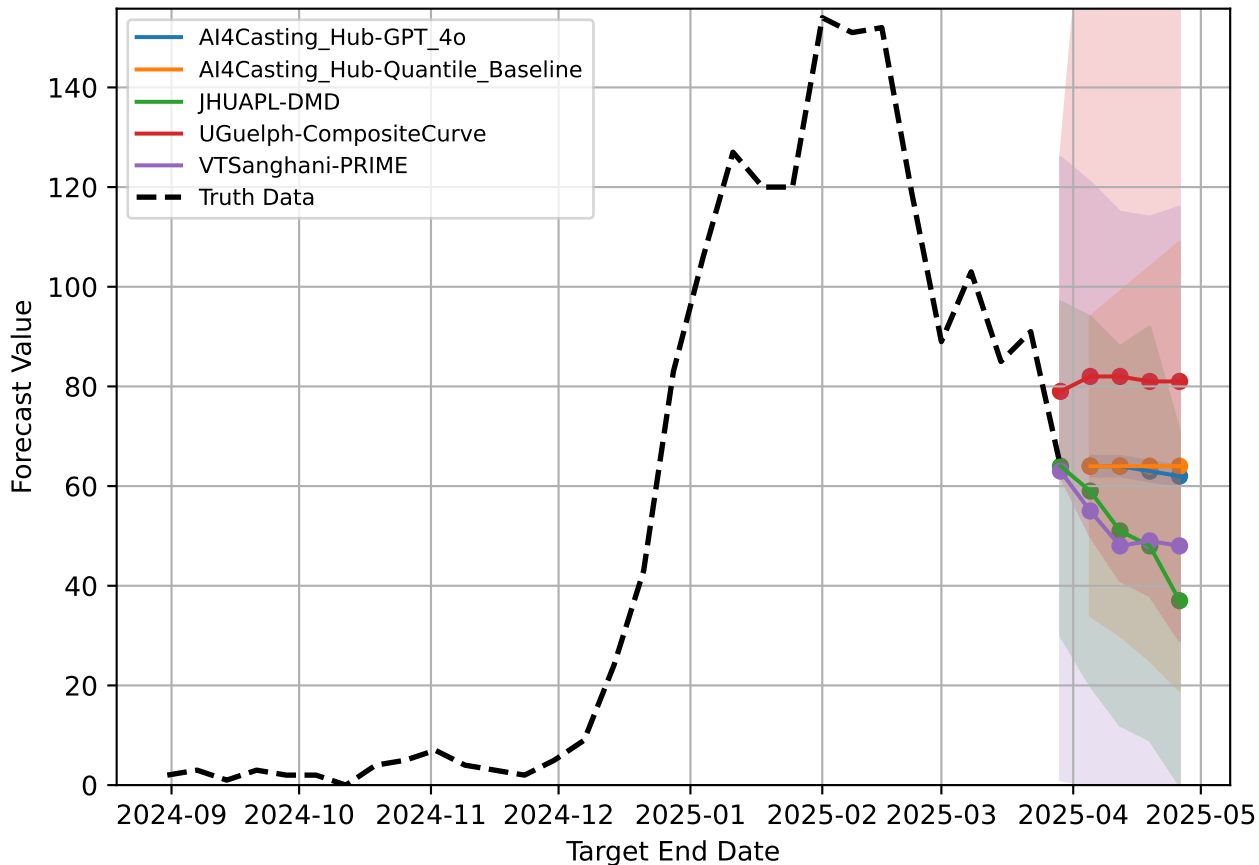
Forecasting Models - Ontario - wk inc flu hosp



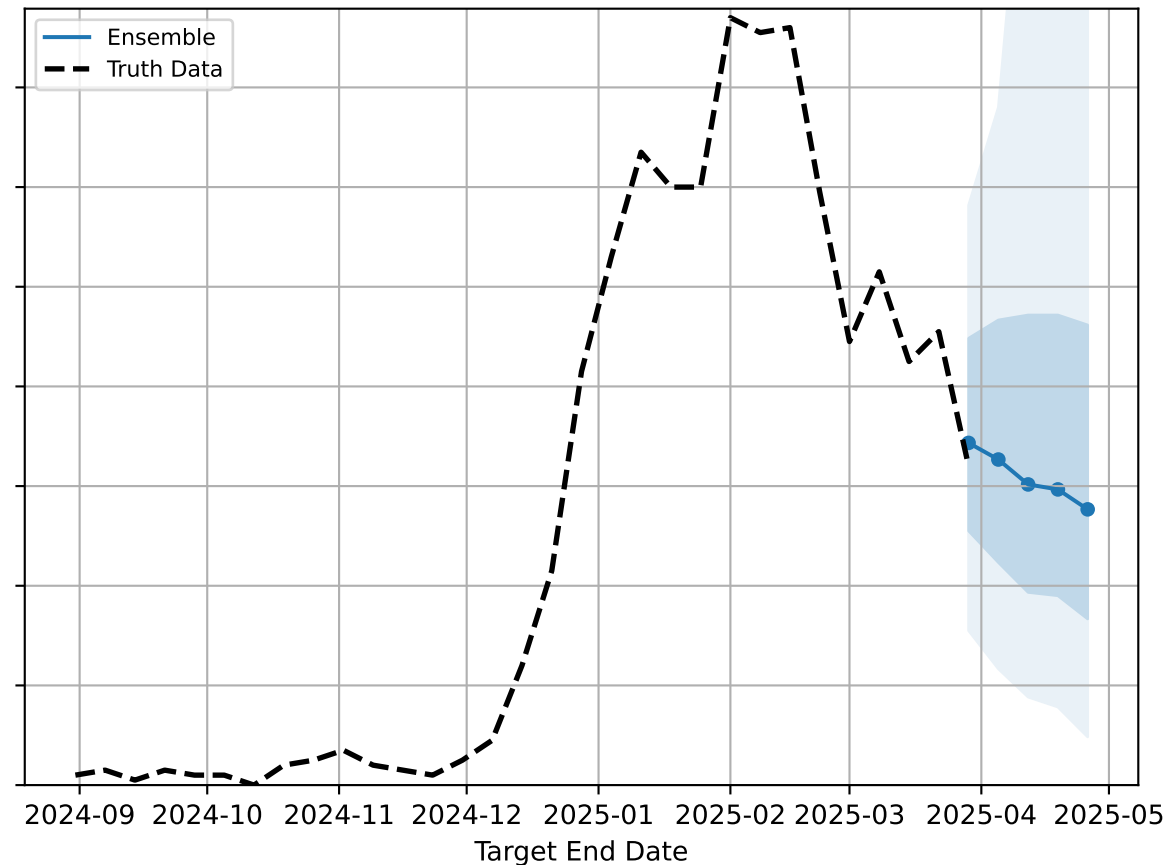
Ensemble Model - Ontario - wk inc flu hosp



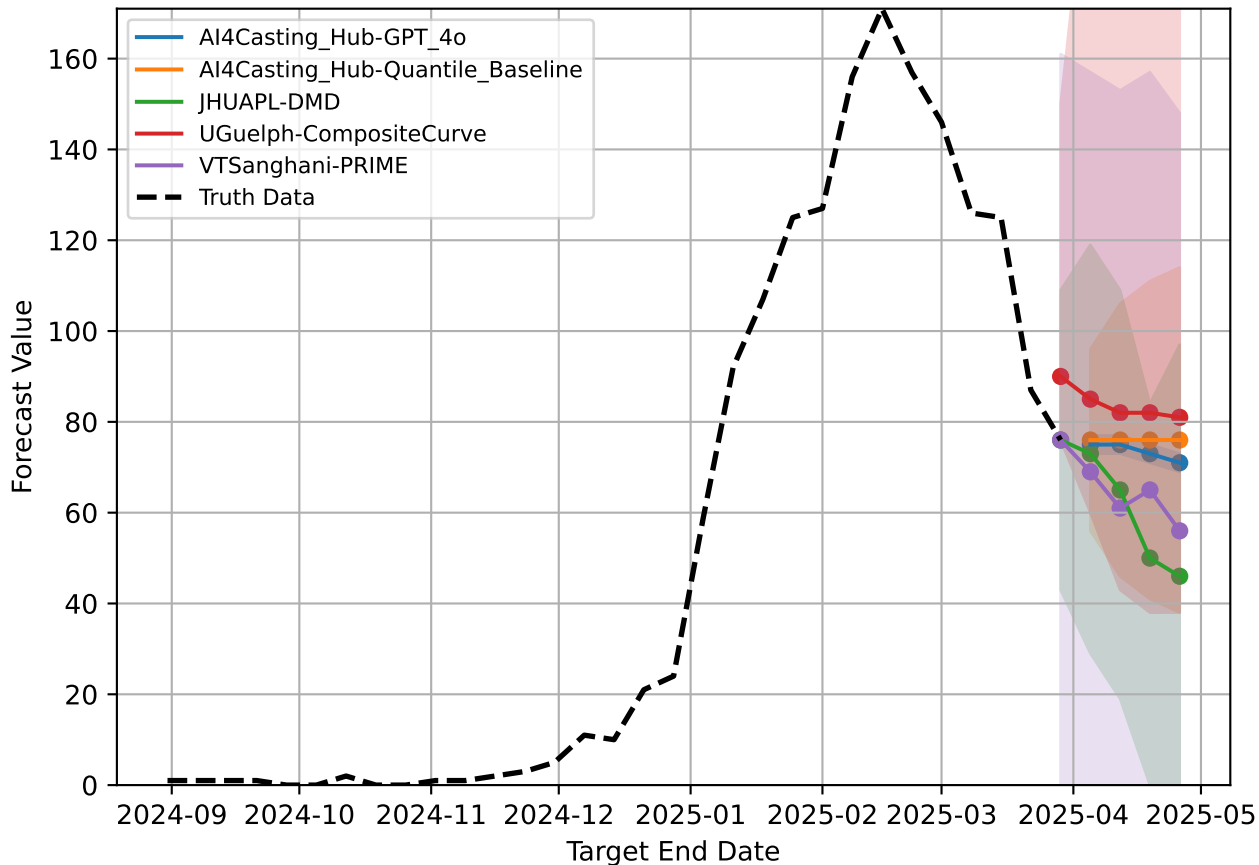
Forecasting Models - Central - wk inc flu hosp



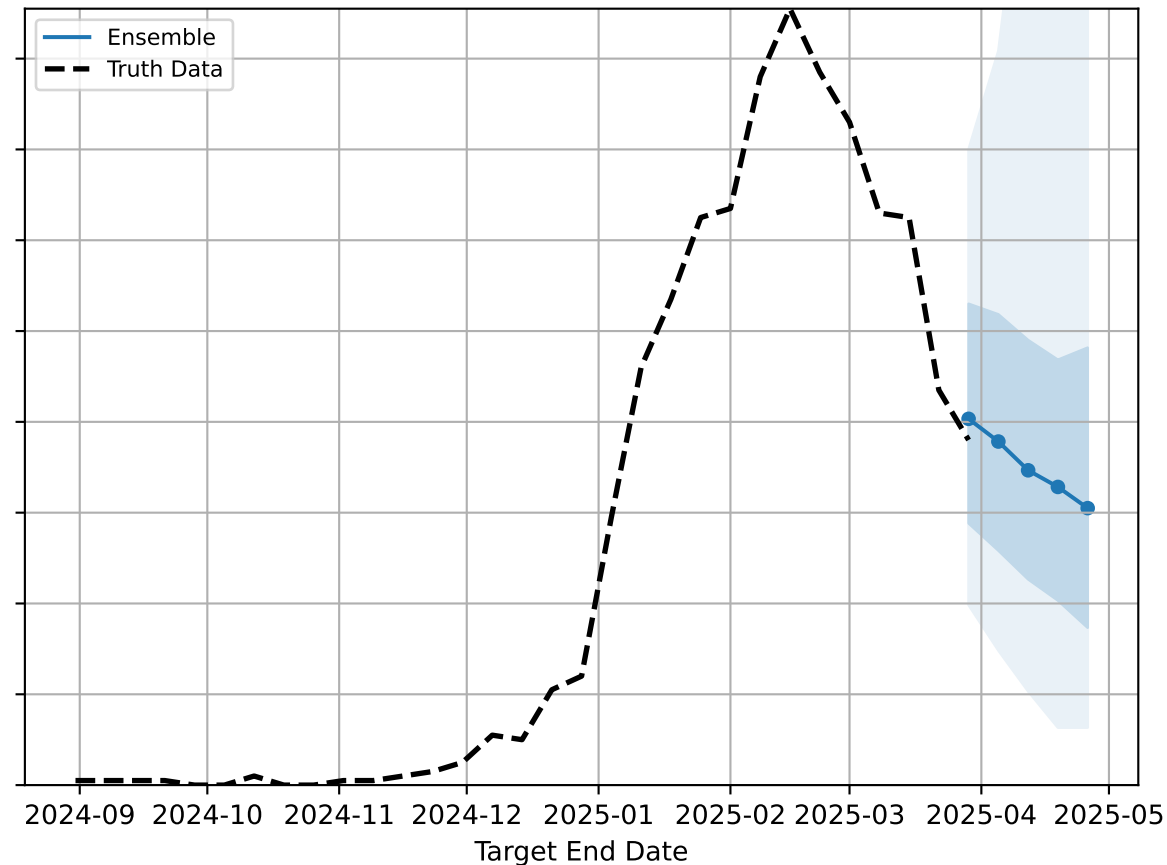
Ensemble Model - Central - wk inc flu hosp



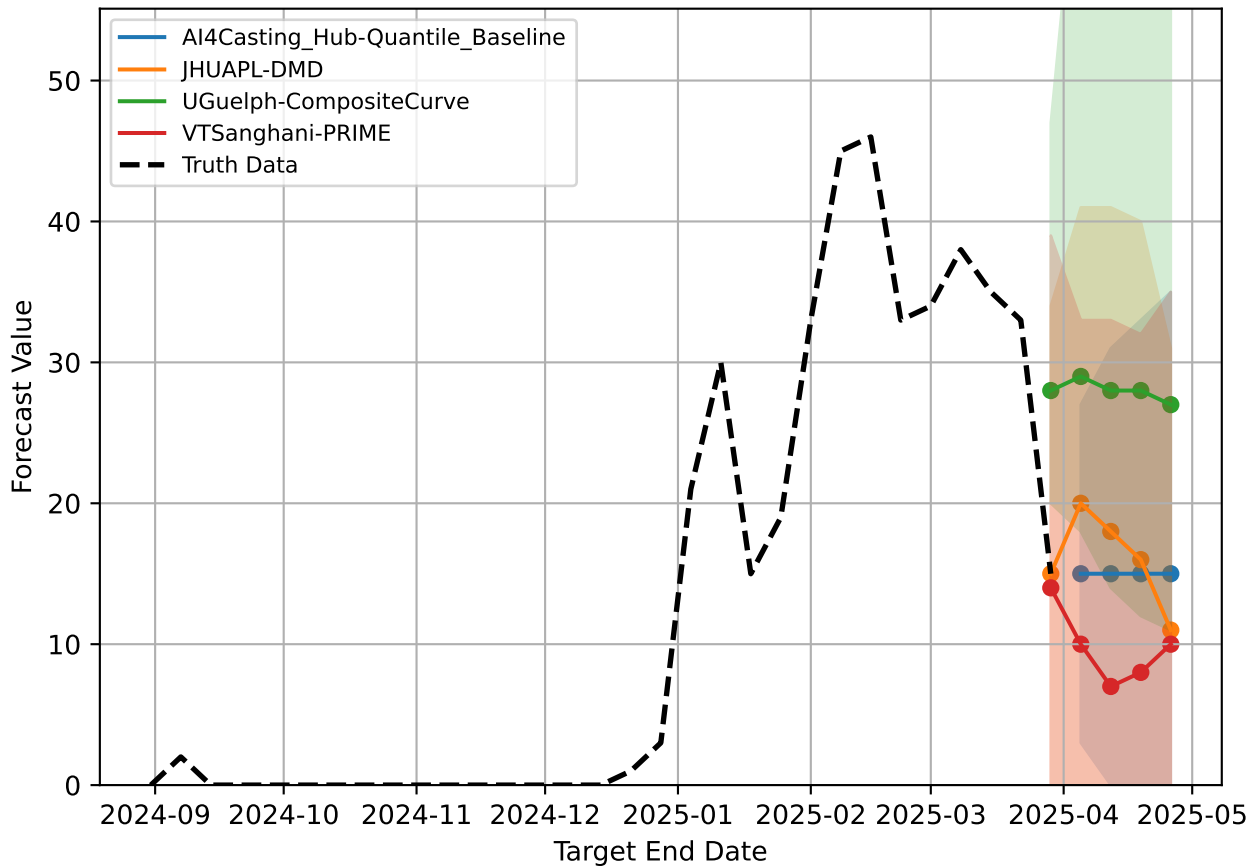
Forecasting Models - East - wk inc flu hosp



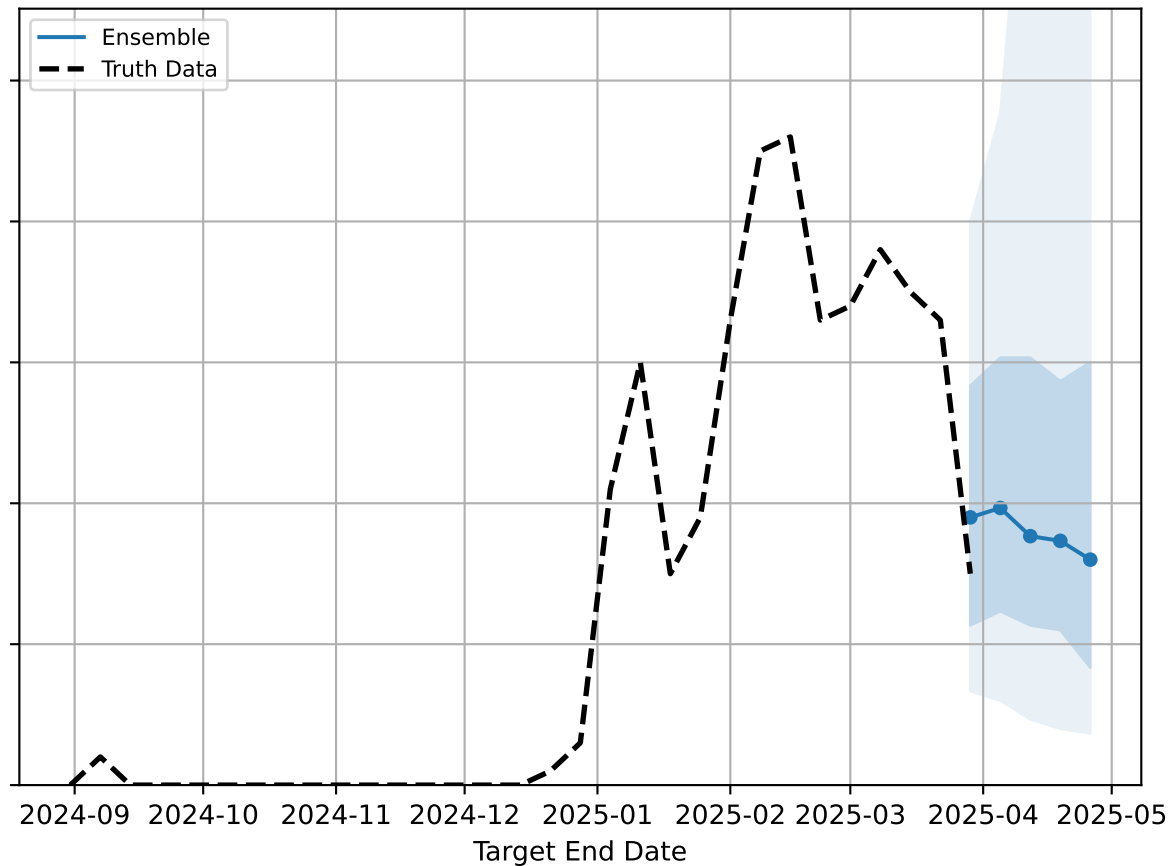
Ensemble Model - East - wk inc flu hosp



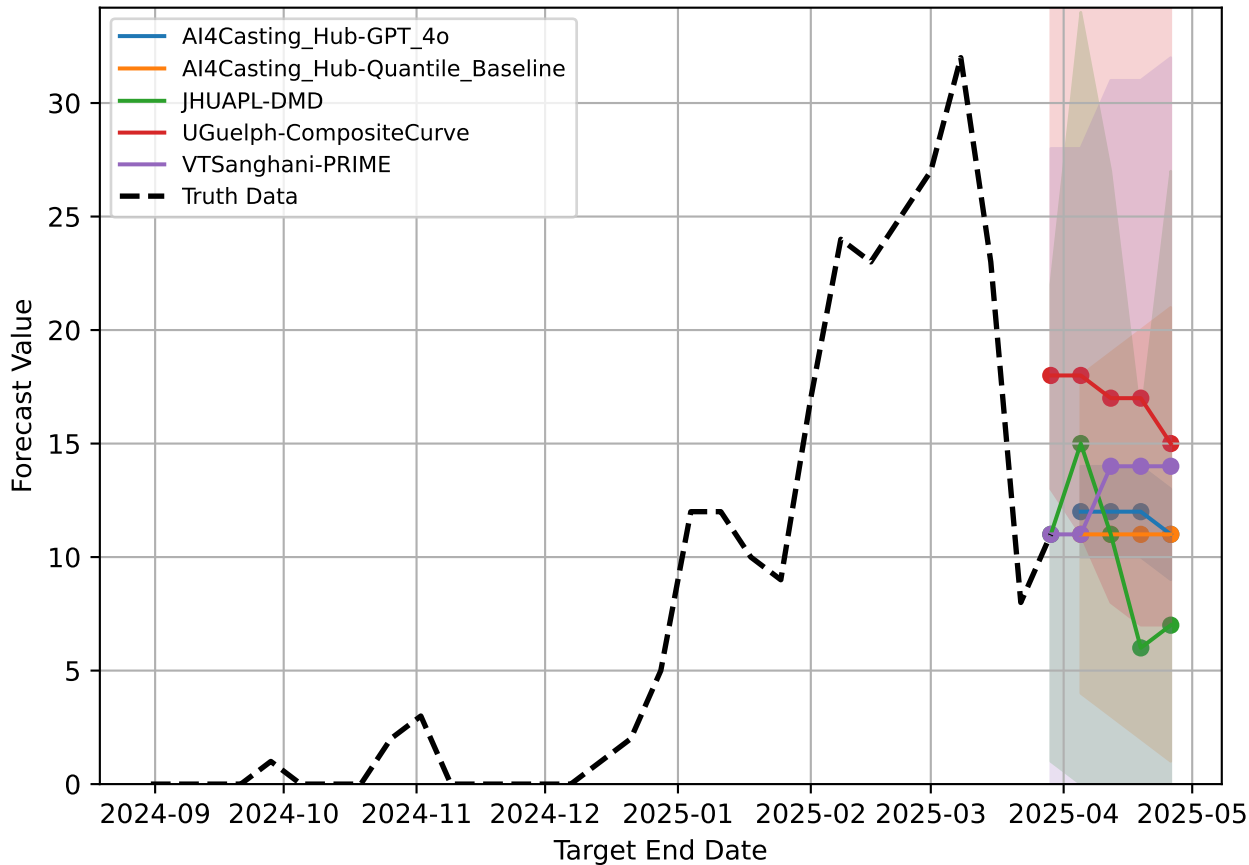
Forecasting Models - North East - wk inc flu hosp



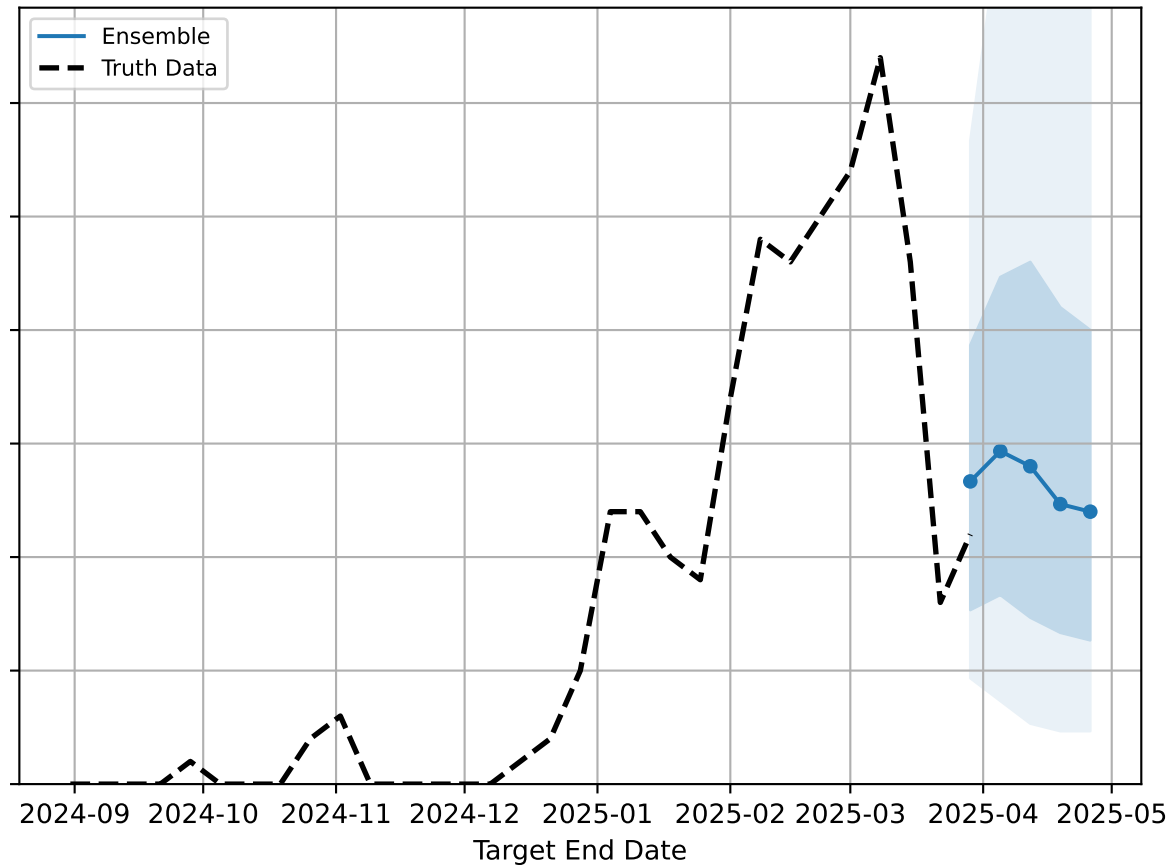
Ensemble Model - North East - wk inc flu hosp



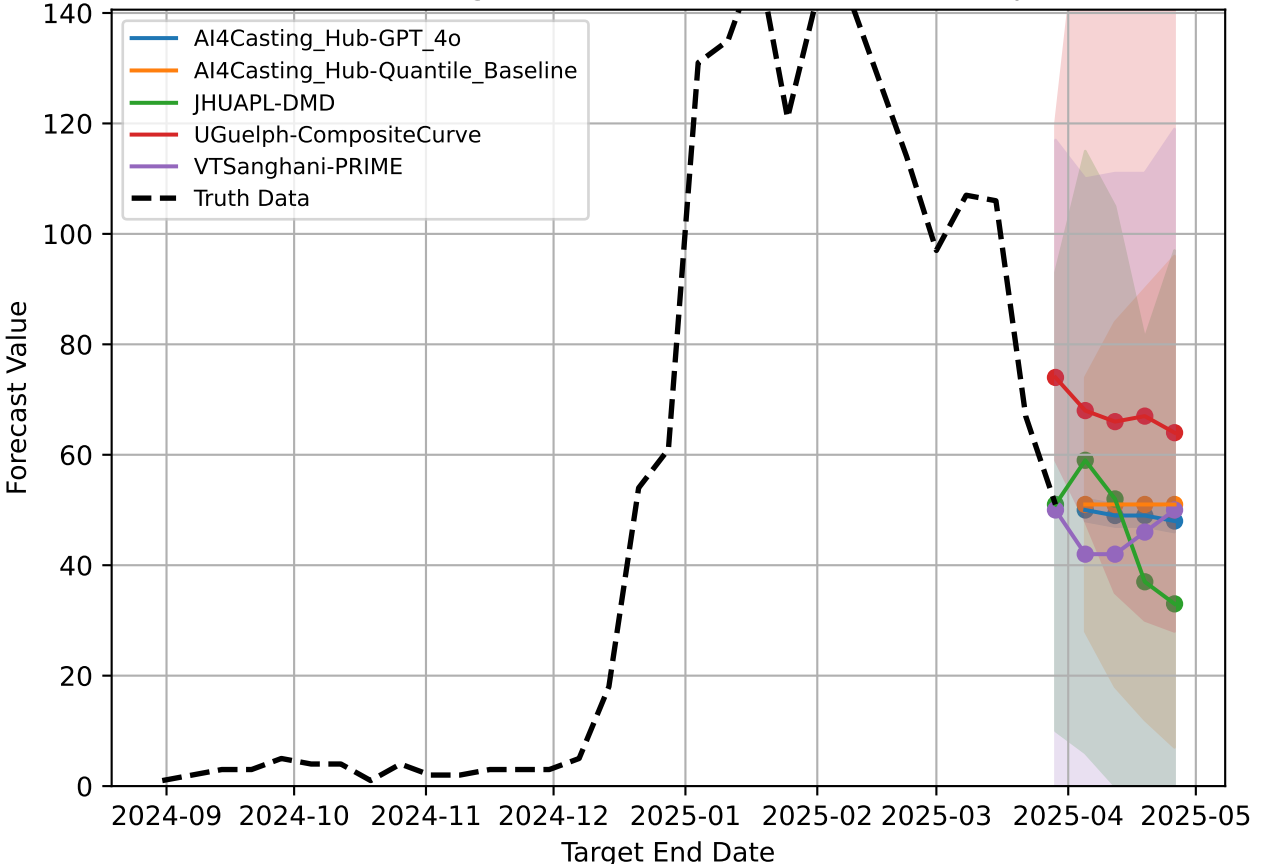
Forecasting Models - North West - wk inc flu hosp



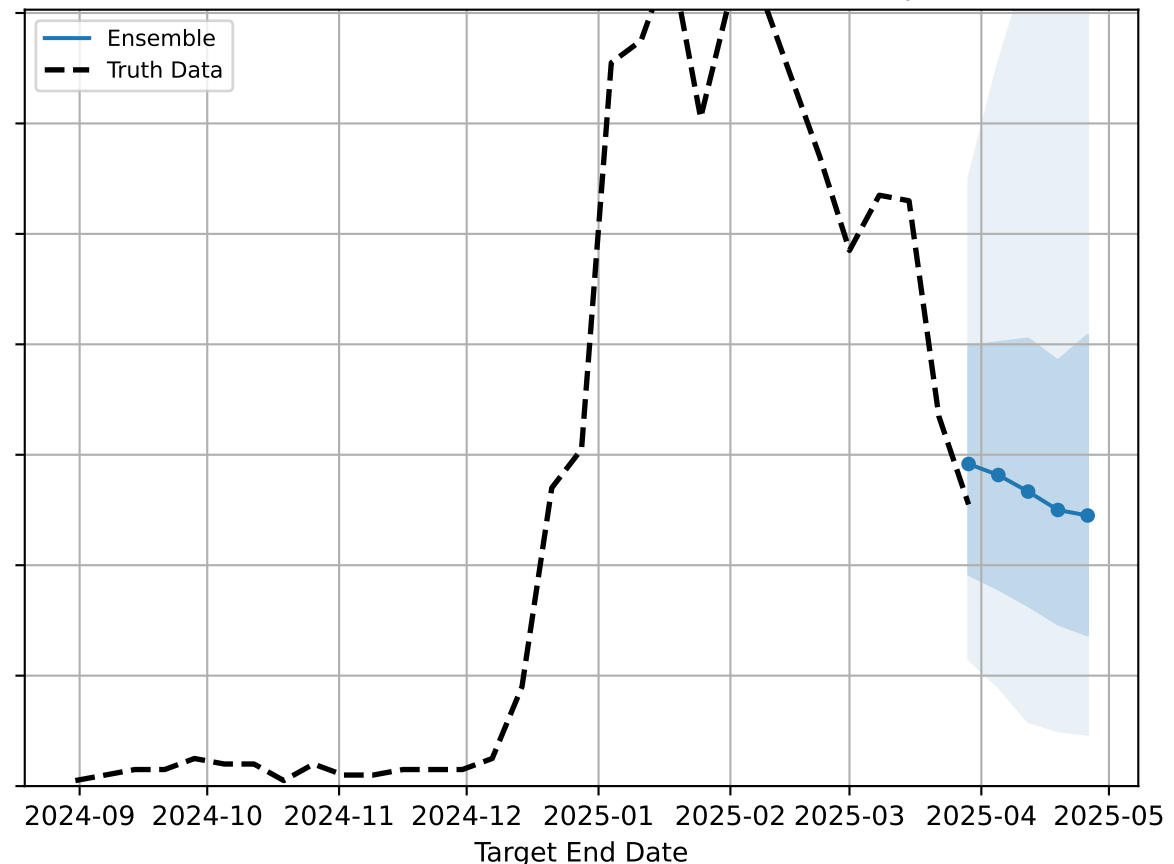
Ensemble Model - North West - wk inc flu hosp



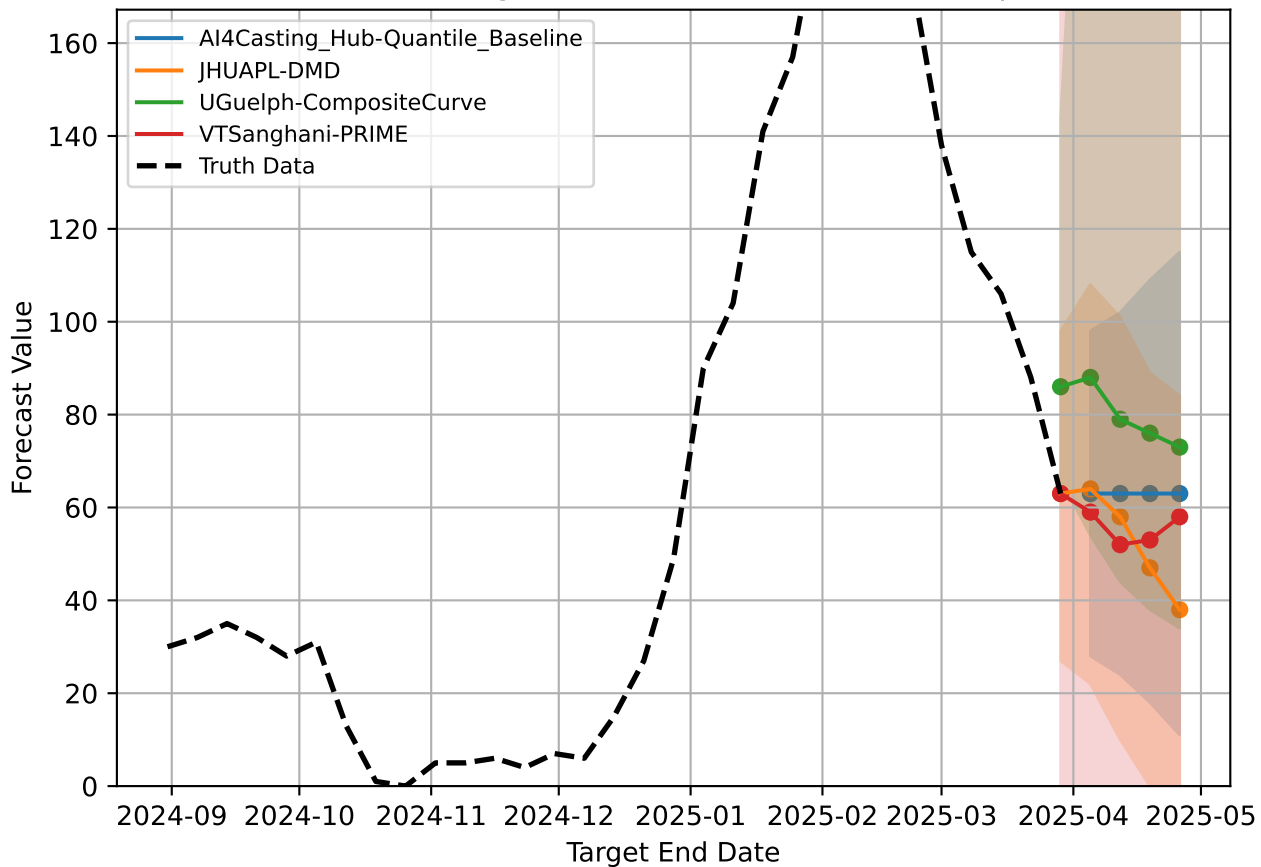
Forecasting Models - Toronto - wk inc flu hosp



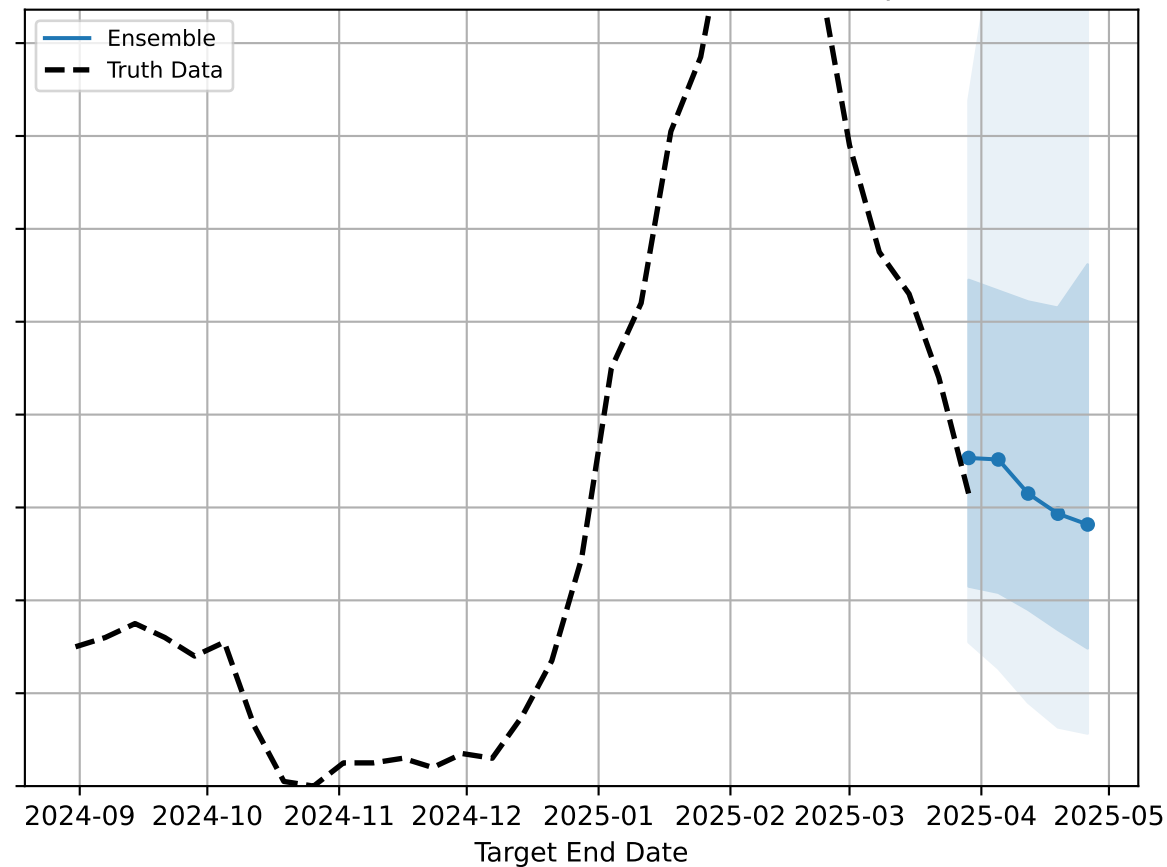
Ensemble Model - Toronto - wk inc flu hosp



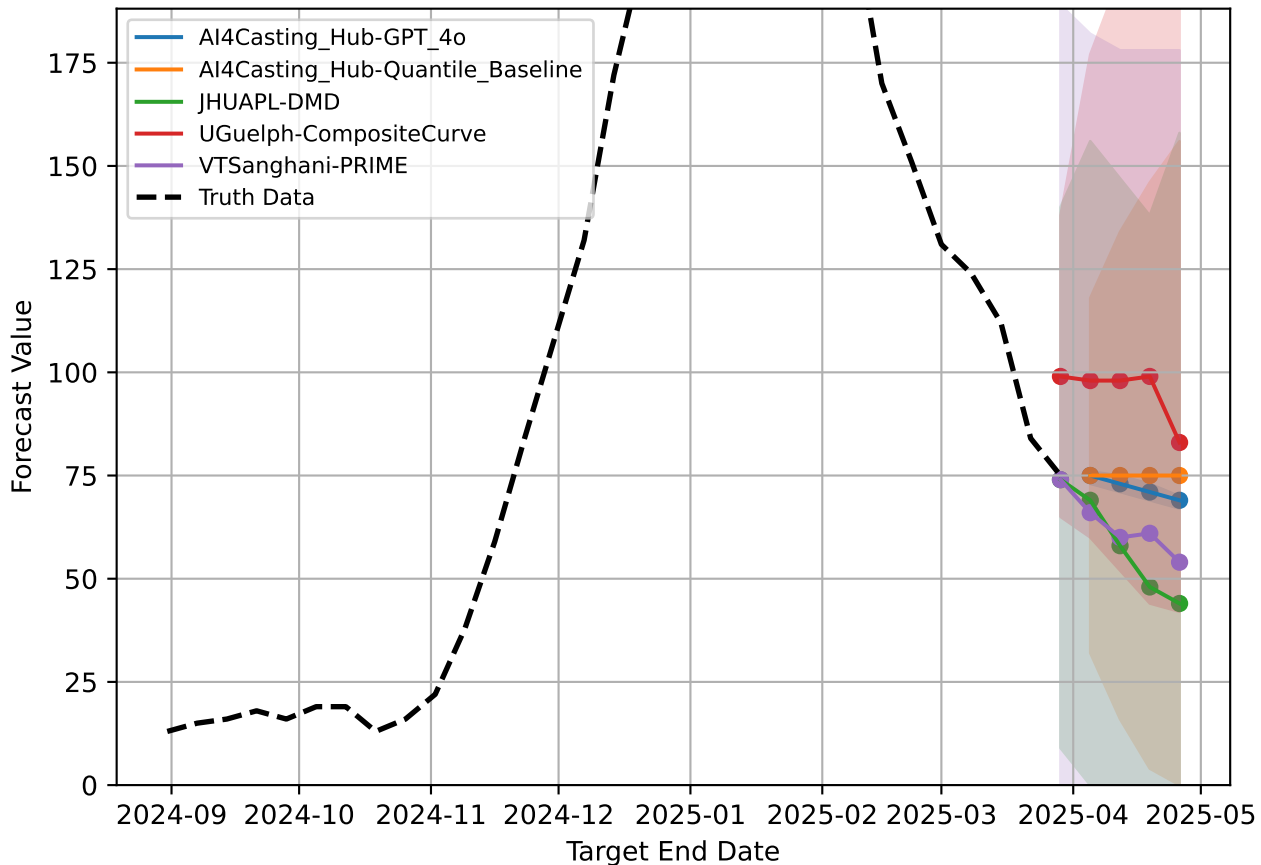
Forecasting Models - West - wk inc flu hosp



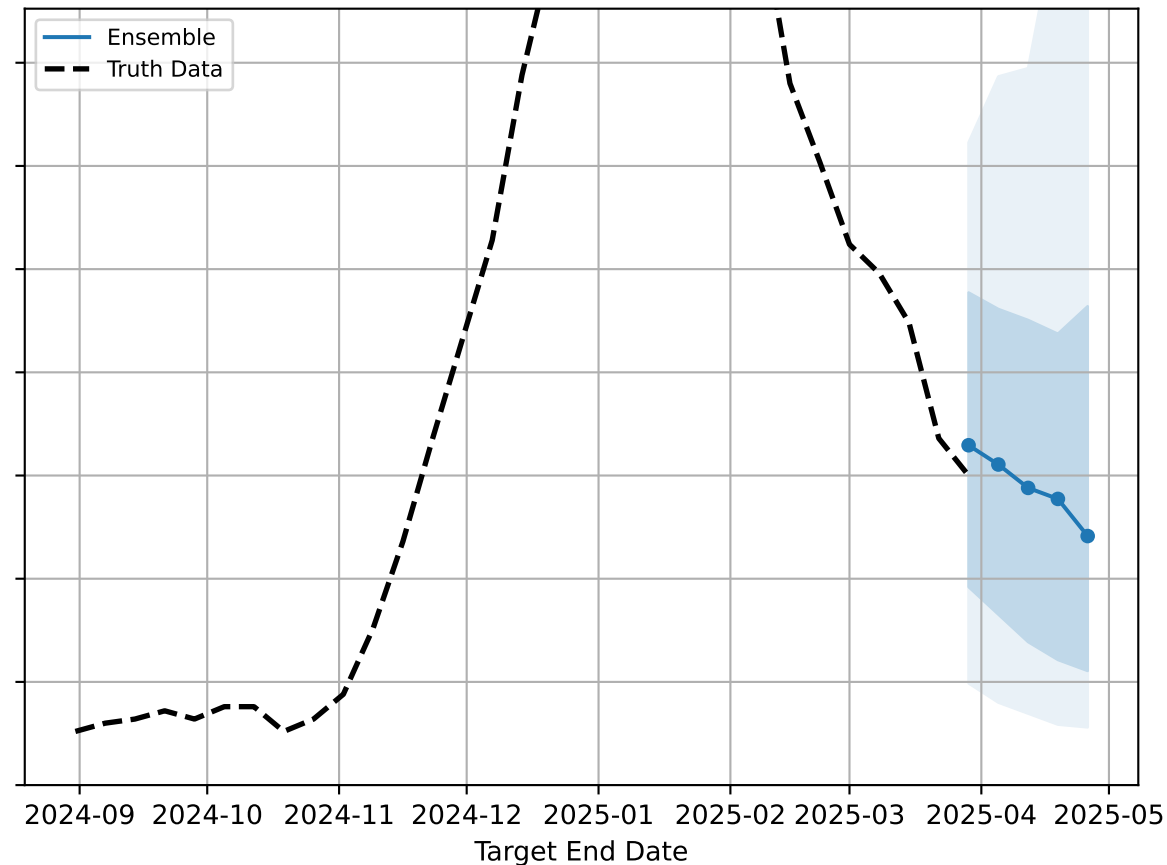
Ensemble Model - West - wk inc flu hosp



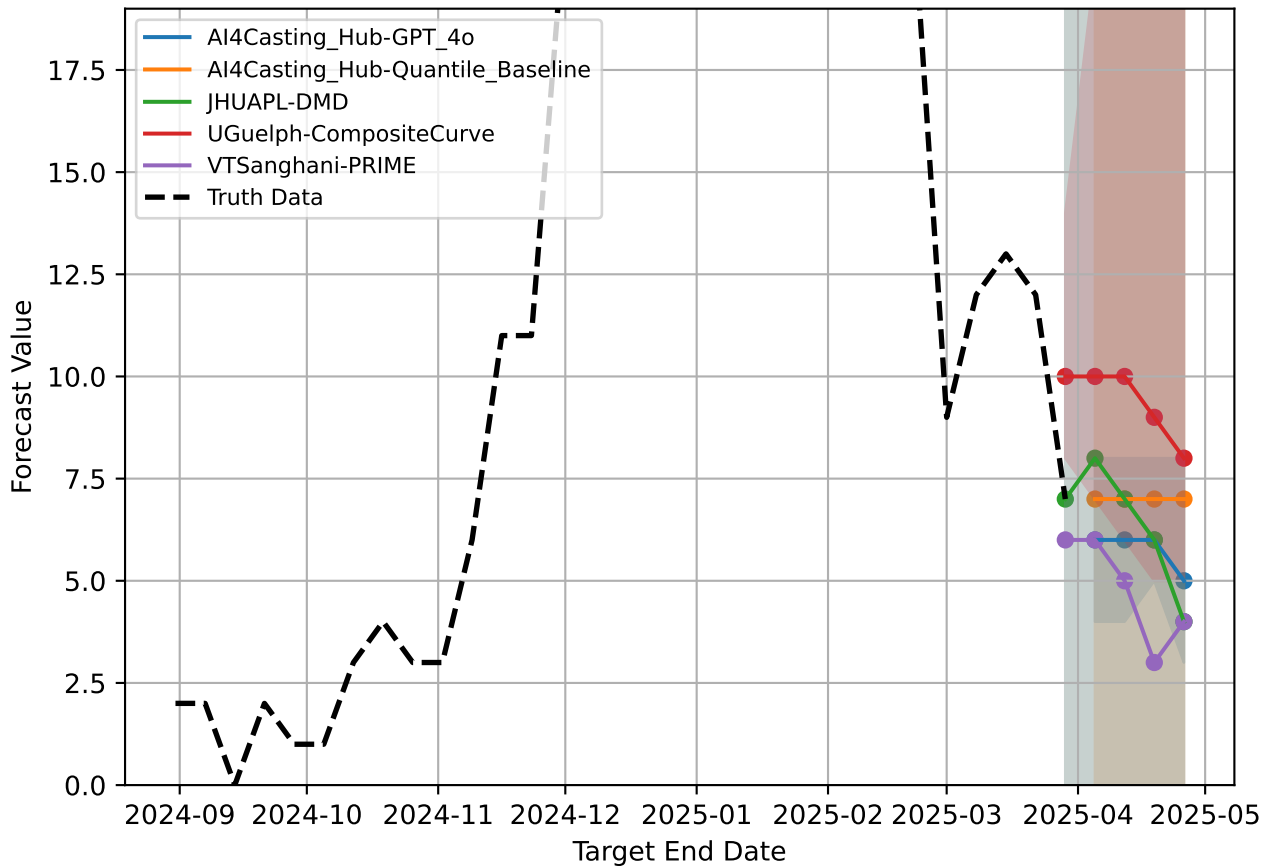
Forecasting Models - Ontario - wk inc rsv hosp



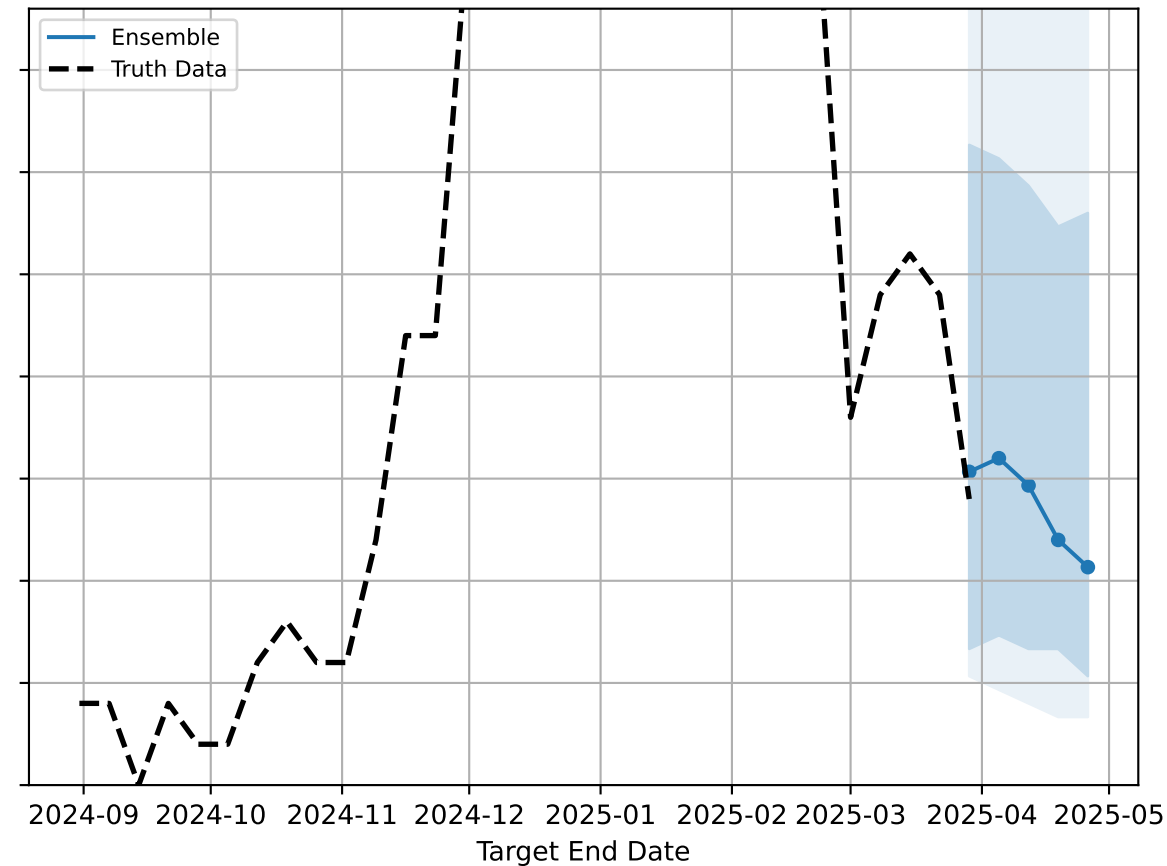
Ensemble Model - Ontario - wk inc rsv hosp



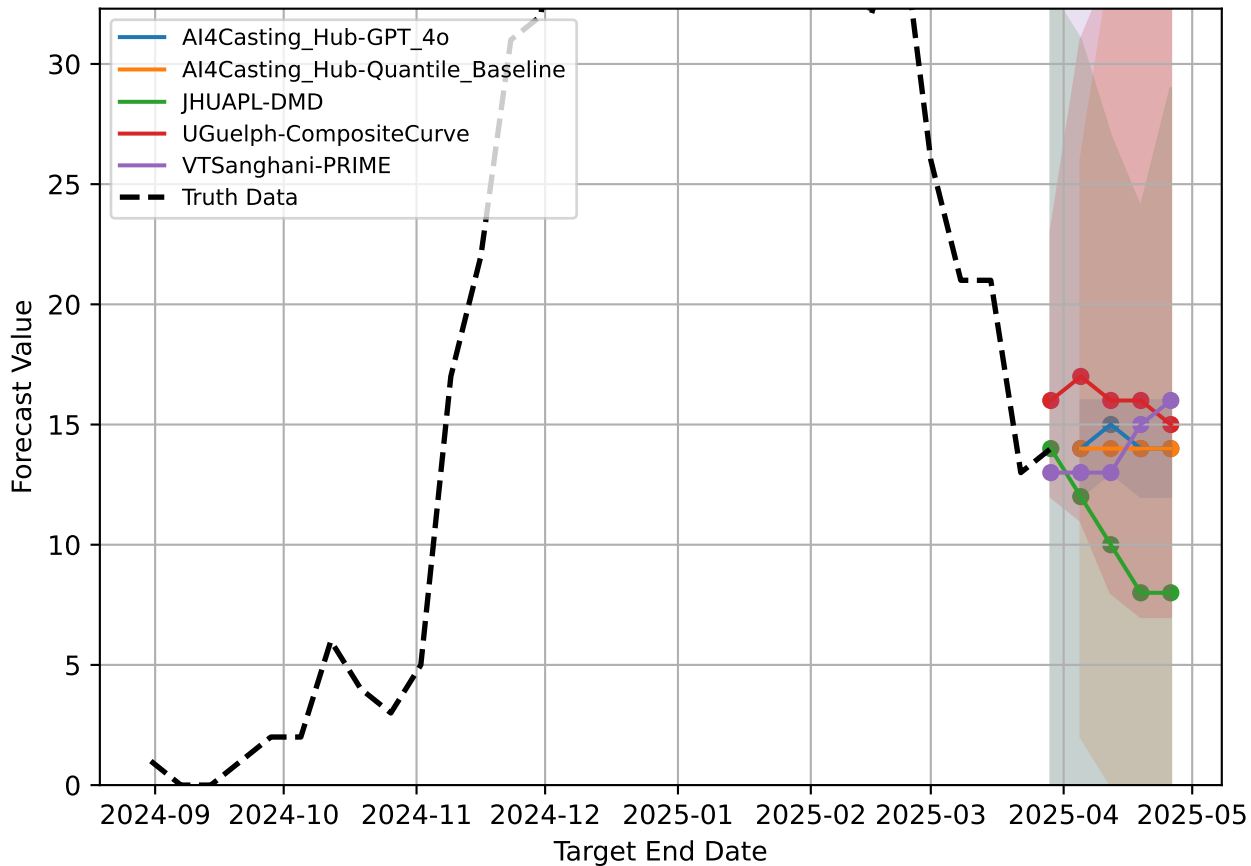
Forecasting Models - Central - wk inc rsv hosp



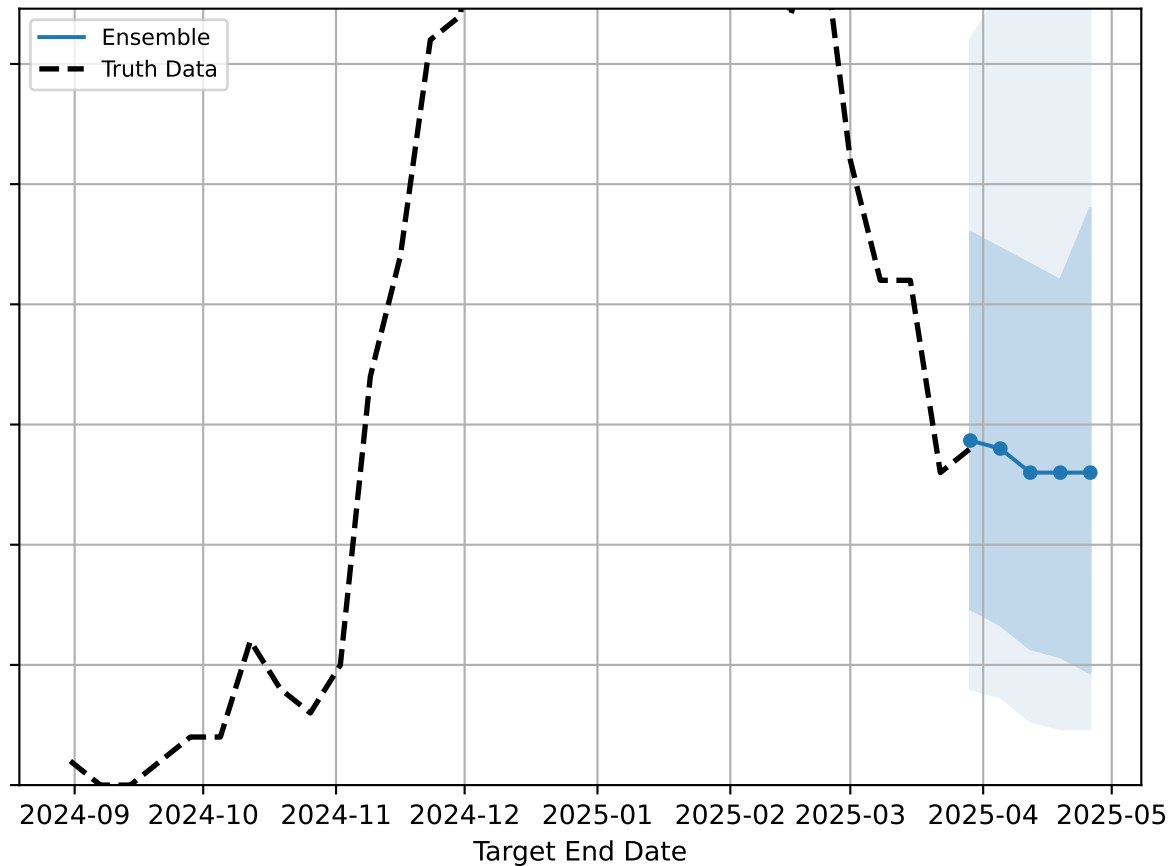
Ensemble Model - Central - wk inc rsv hosp



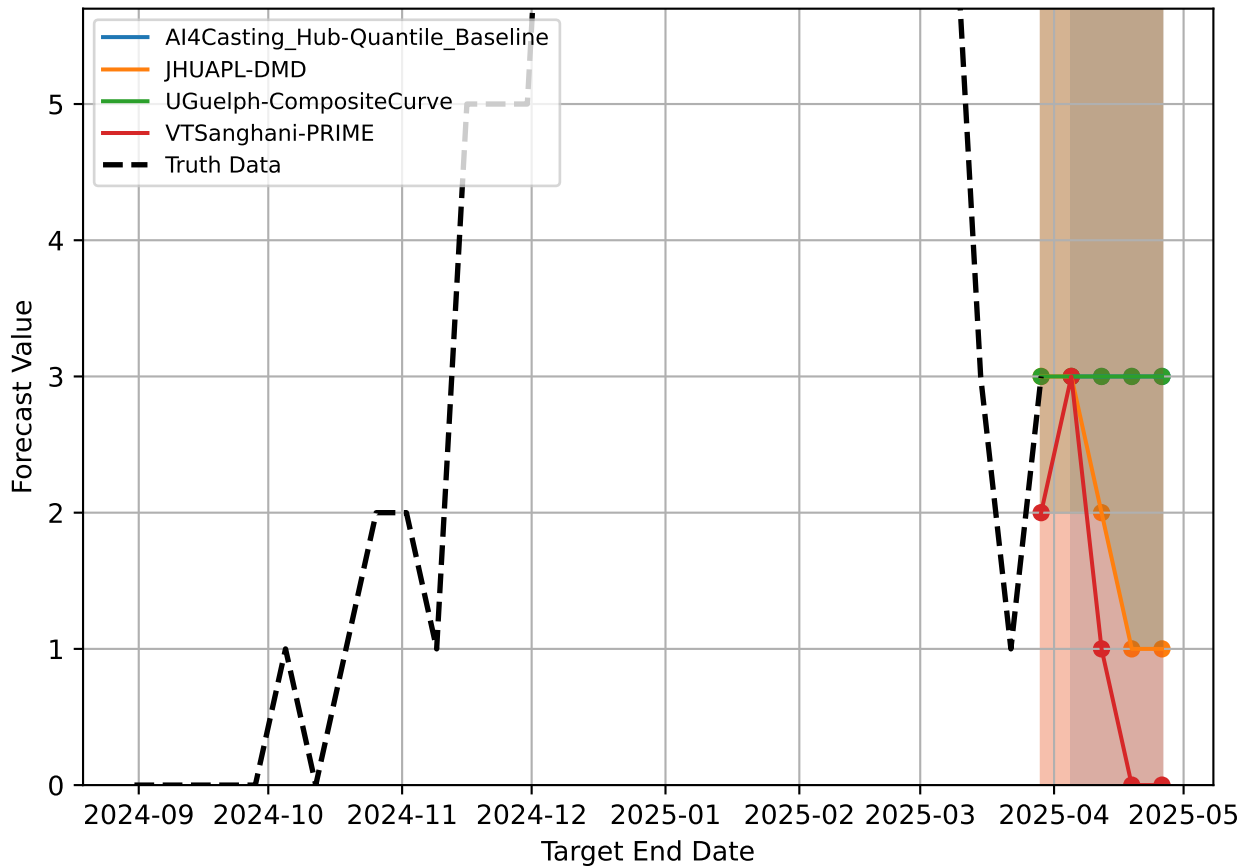
Forecasting Models - East - wk inc rsv hosp



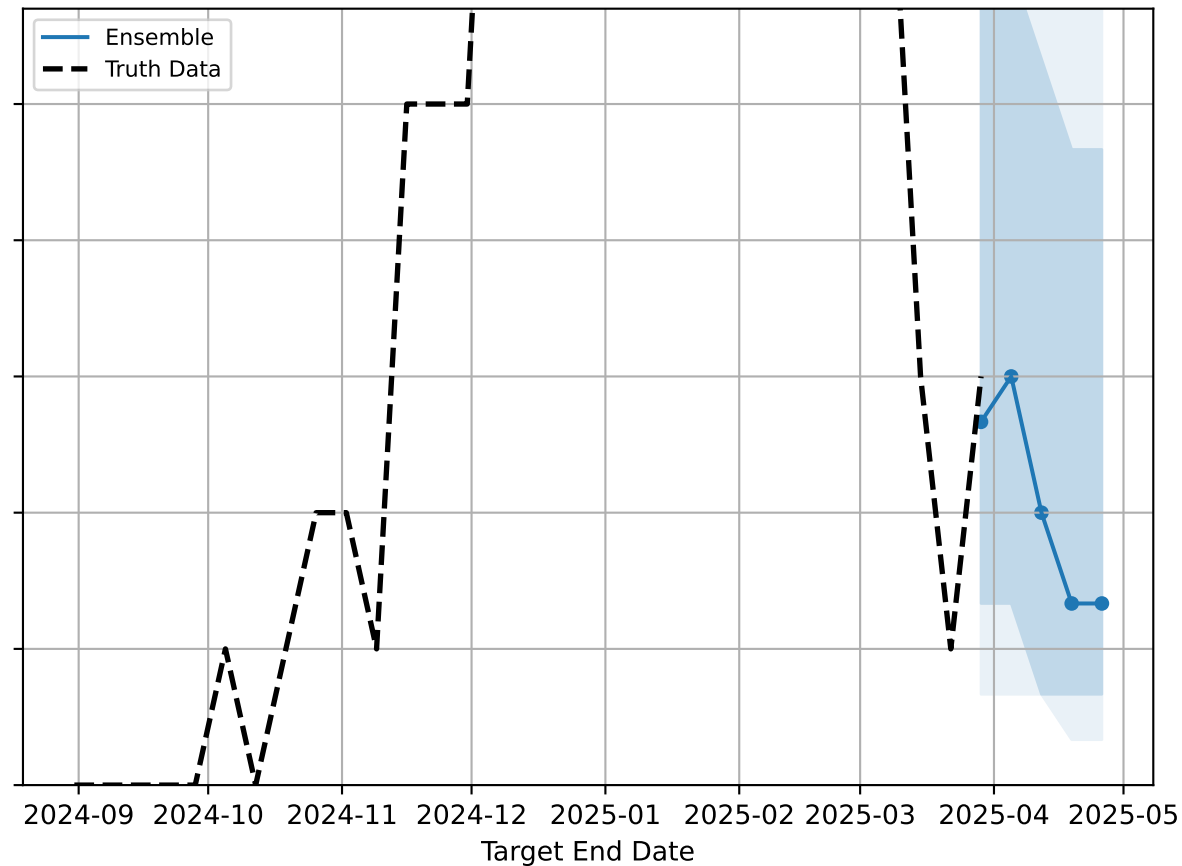
Ensemble Model - East - wk inc rsv hosp



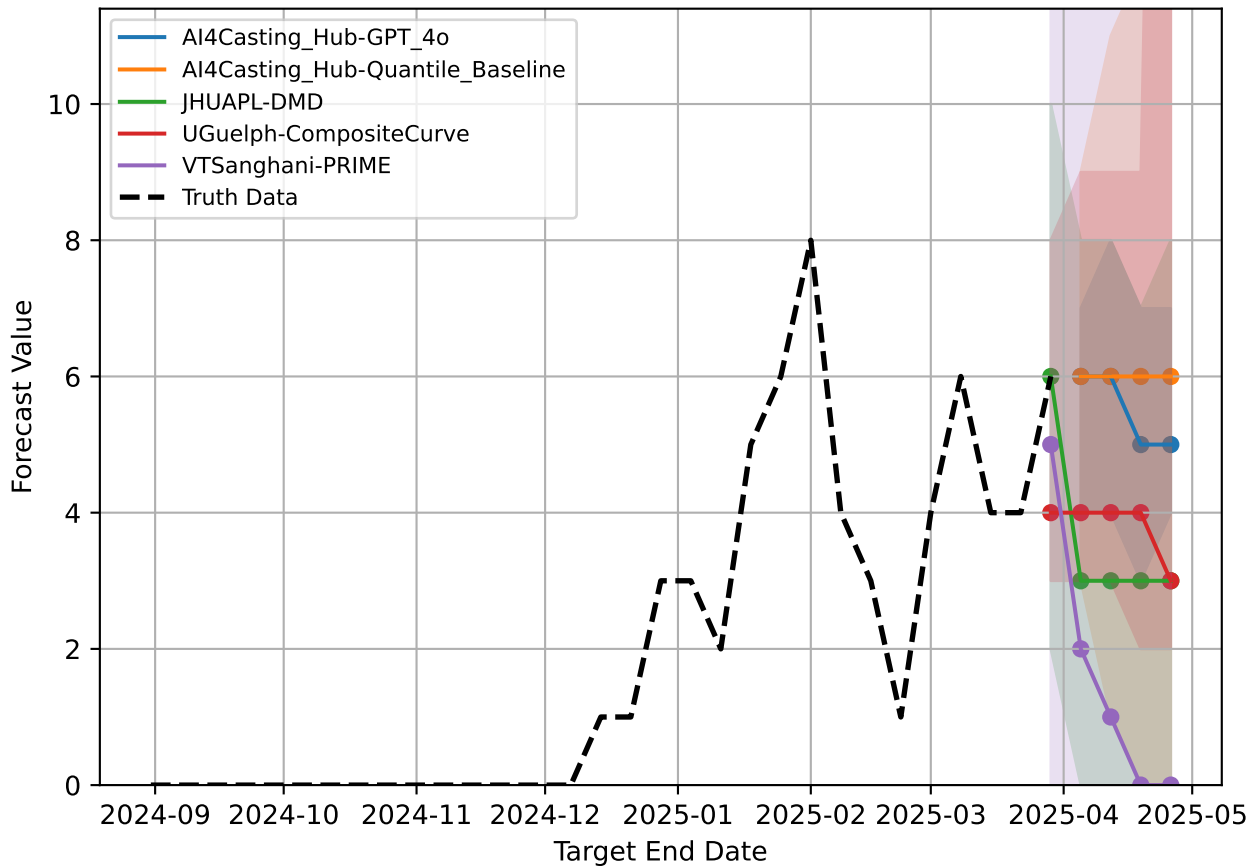
Forecasting Models - North East - wk inc rsv hosp



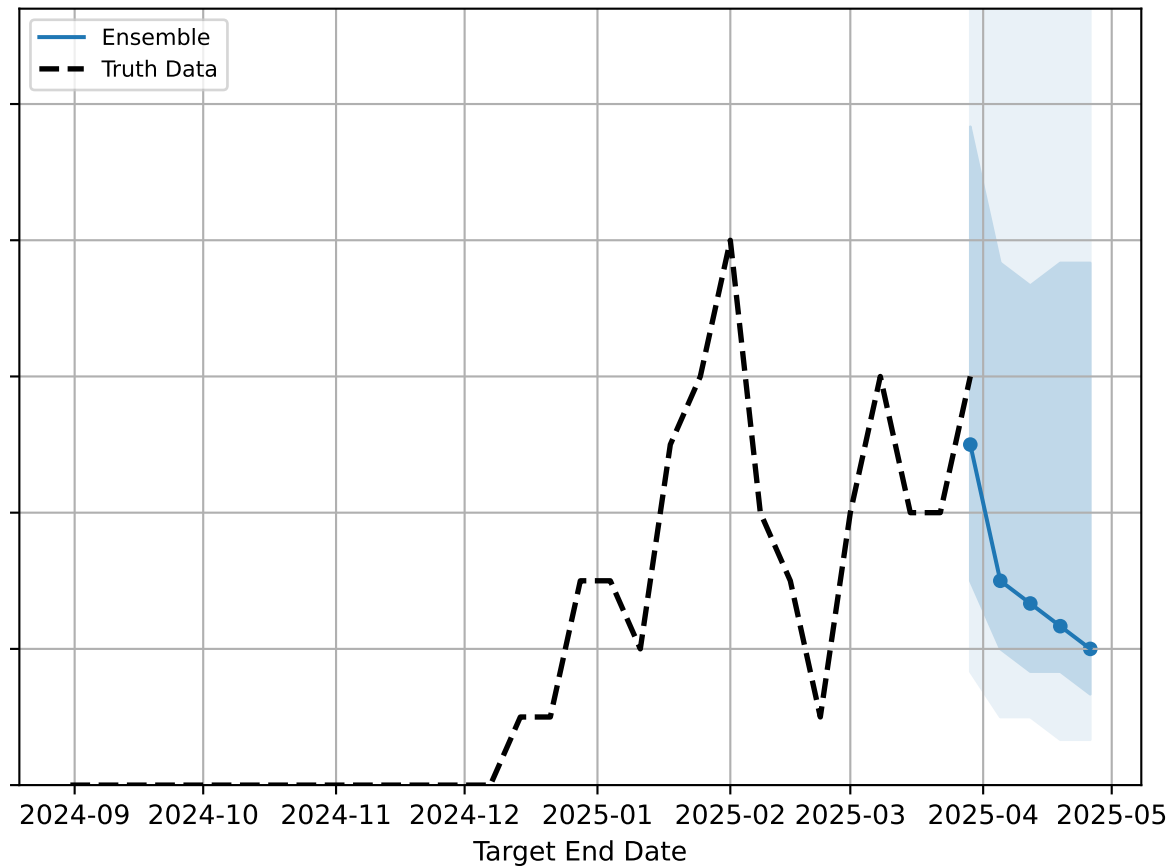
Ensemble Model - North East - wk inc rsv hosp



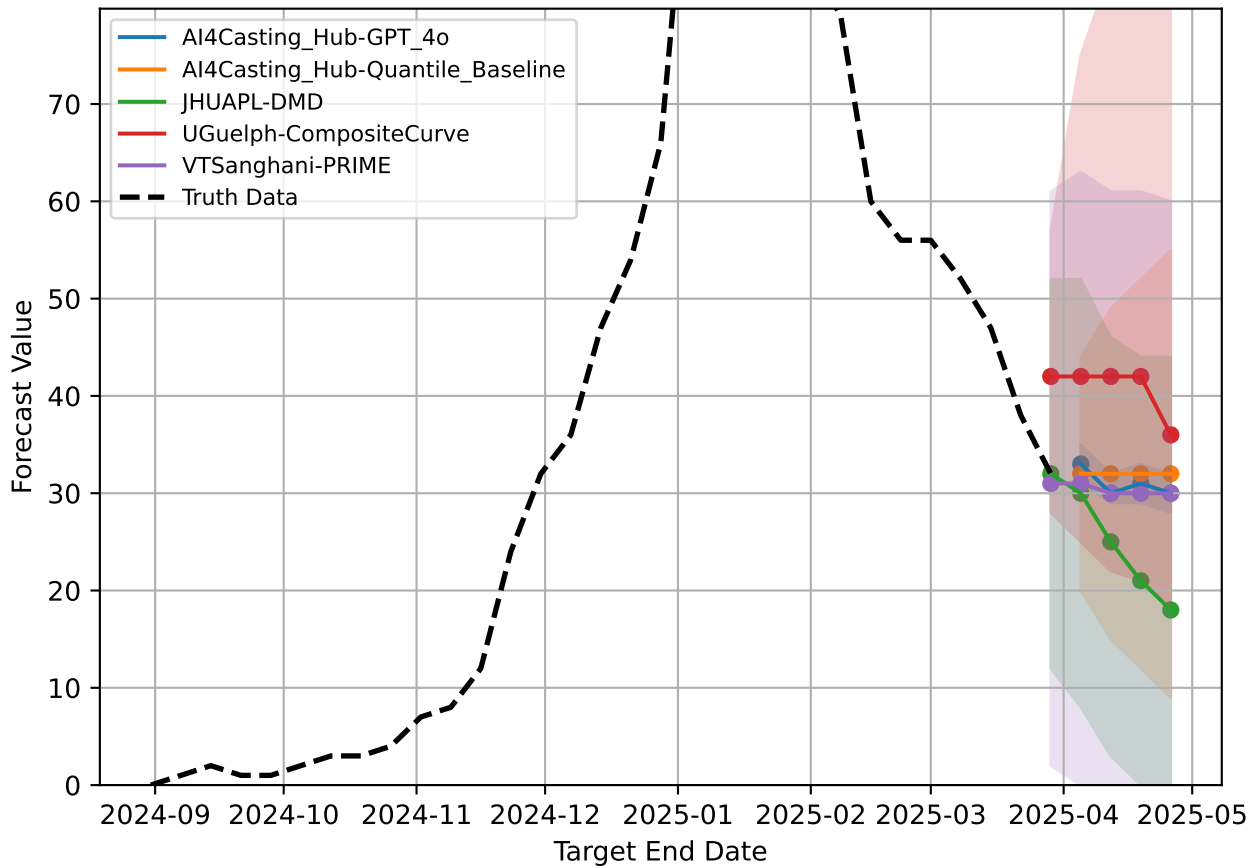
Forecasting Models - North West - wk inc rsv hosp



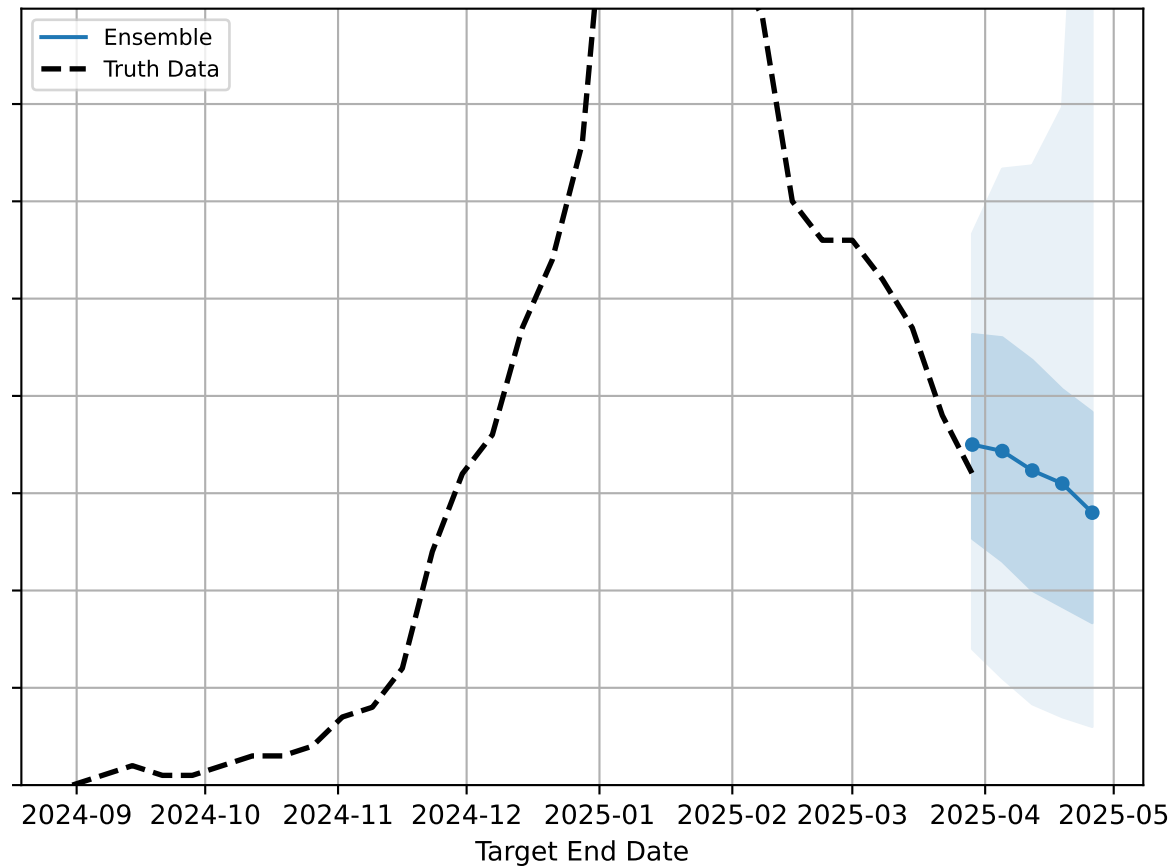
Ensemble Model - North West - wk inc rsv hosp



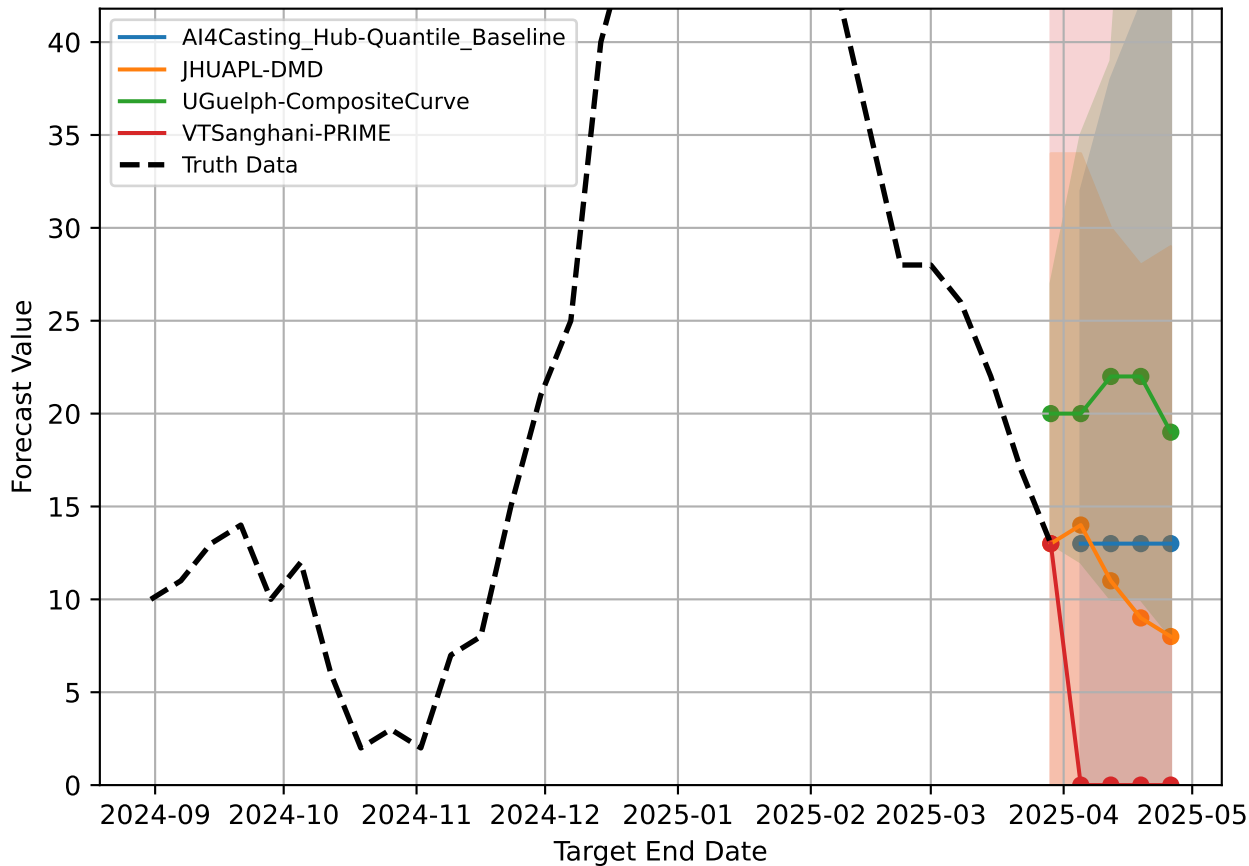
Forecasting Models - Toronto - wk inc rsv hosp



Ensemble Model - Toronto - wk inc rsv hosp



Forecasting Models - West - wk inc rsv hosp



Ensemble Model - West - wk inc rsv hosp

