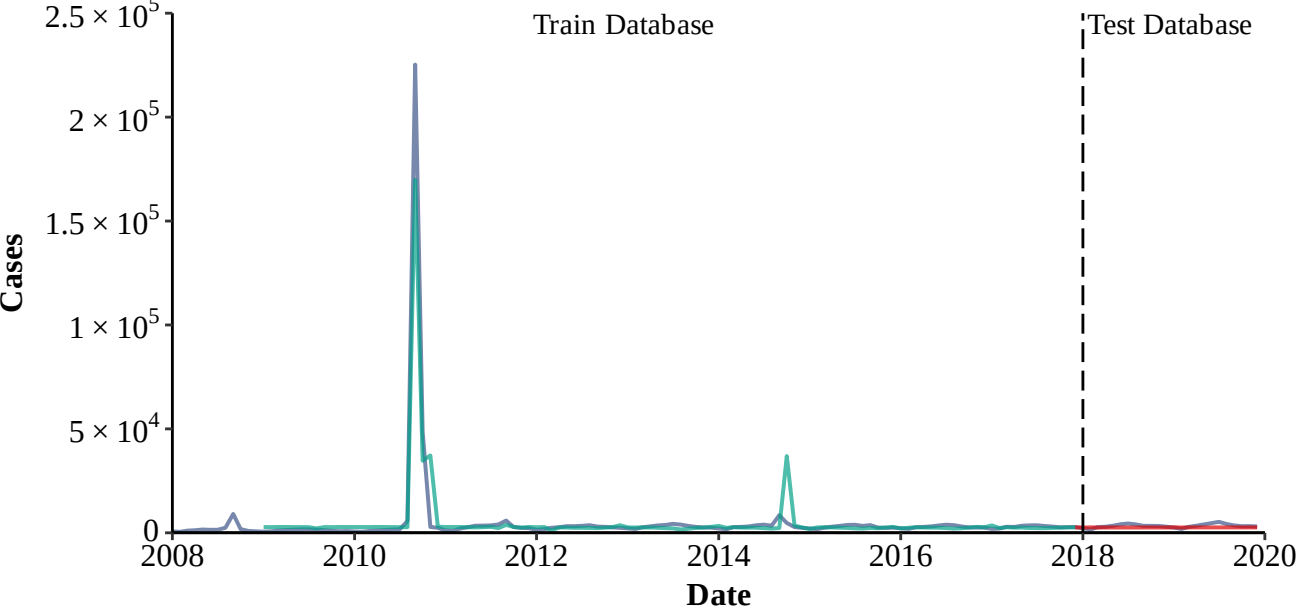
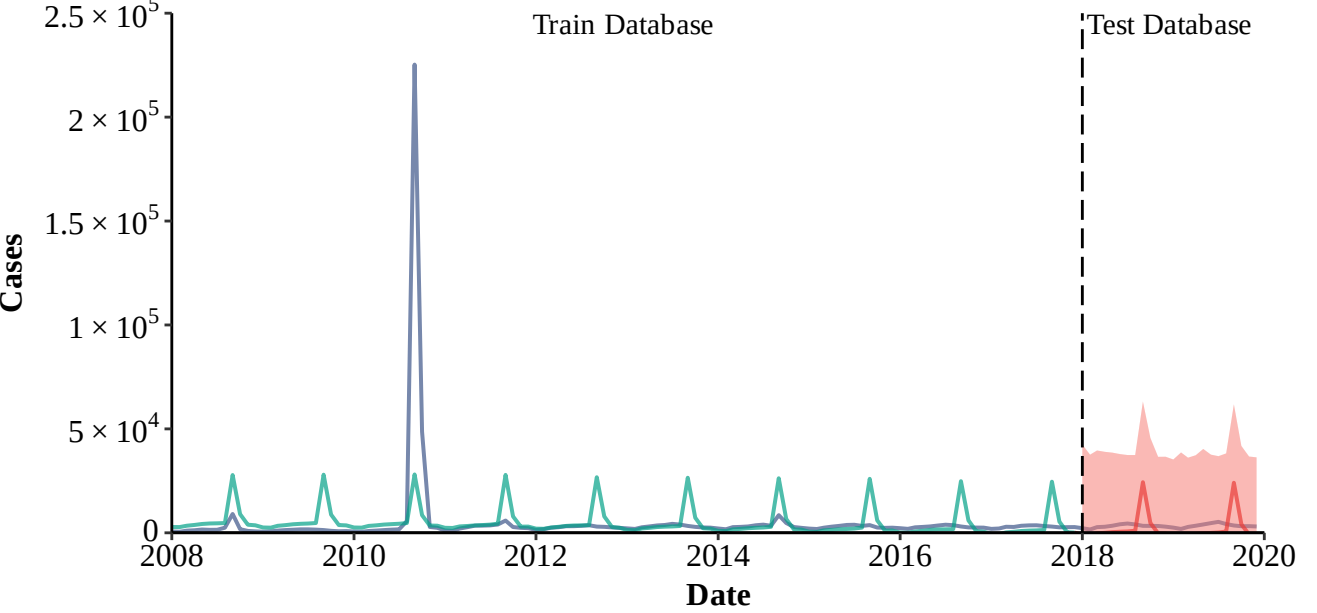


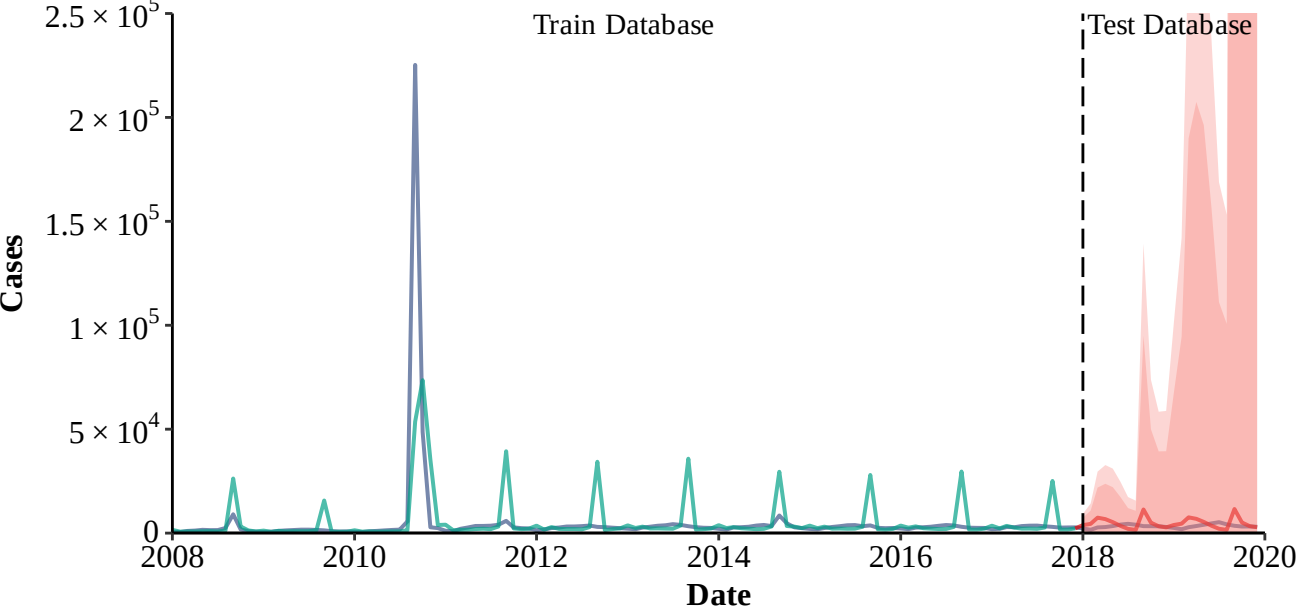
A: Neural Network



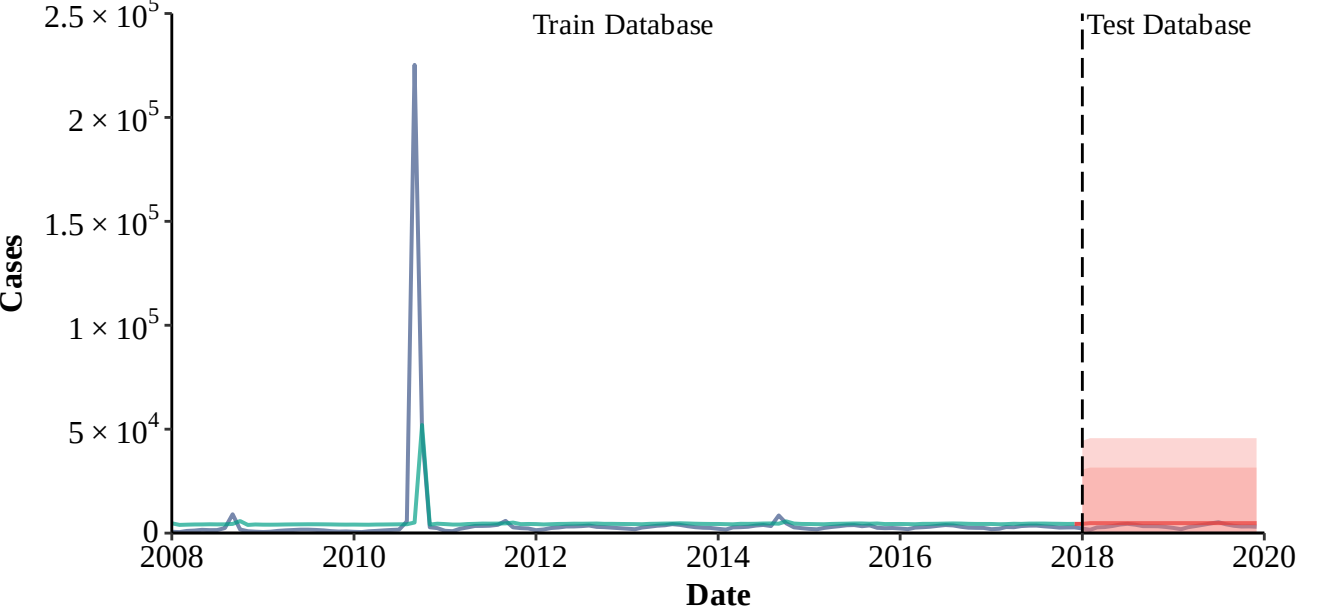
B: Prophet



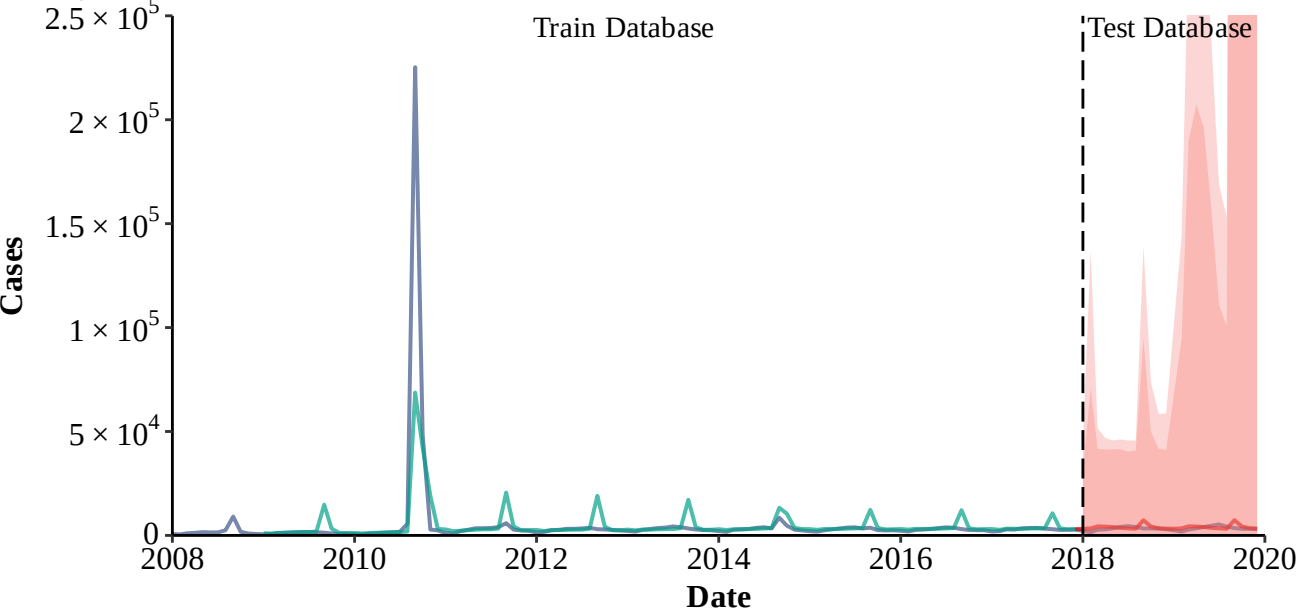
C: ETS



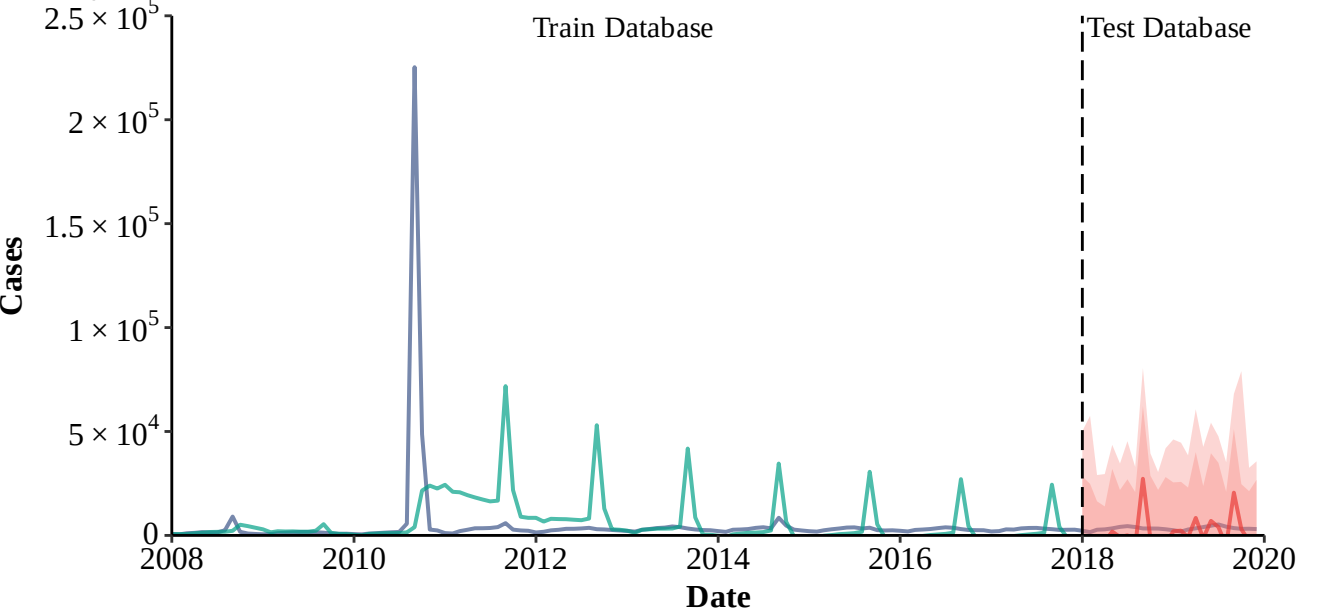
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

G : RMSE of Models

Method	Train	Test	All
Neural Network	7245.60	1141.17	6571.93
Prophet	19458.78	6874.84	17983.71
ETS	17597.31	3313.73	16120.94
SARIMA	20219.43	1675.47	18470.40
Hybrid*	15507.36	1509.23	14041.69
Bayesian Structural	23260.48	7834.31	21473.34

*Hybrid: Combined SARIMA, ETS, STL and Neural Network model

H : SMAPE of Models

Method	Train	Test	All
Neural Network	42.67	30.12	40.39
Prophet	82.31	170.39	96.99
ETS	48.60	57.80	50.13
SARIMA	64.62	39.15	60.38
Hybrid*	31.48	30.75	31.35
Bayesian Structural	109.19	148.07	115.67

*Hybrid: Combined SARIMA, ETS, STL and Neural Network model

I : MASE of Models

Method	Train	Test	All
Neural Network	0.55	34.58	0.60
Prophet	1.22	1.09	1.22
ETS	1.05	1.02	0.81
SARIMA	4.11	94.77	4.42
Hybrid*	0.65	1.28	0.97
Bayesian Structural	1.80	0.70	1.34

*Hybrid: Combined SARIMA, ETS, STL and Neural Network model

J : R-squared of Models

Method	Train	Test	All
Neural Network	0.92	0.00	0.92
Prophet	0.11	0.01	0.10
ETS	0.28	0.07	0.27
SARIMA	0.04	0.07	0.04
Hybrid*	0.72	0.00	0.71
Bayesian Structural	0.00	0.02	0.00

*Hybrid: Combined SARIMA, ETS, STL and Neural Network model