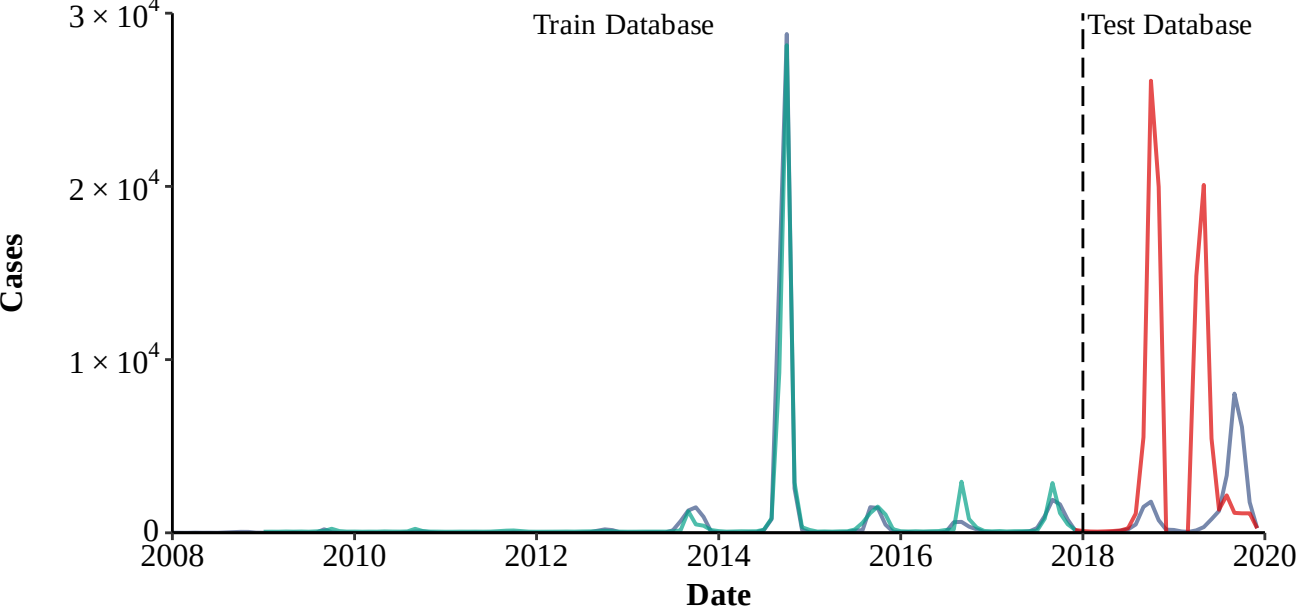
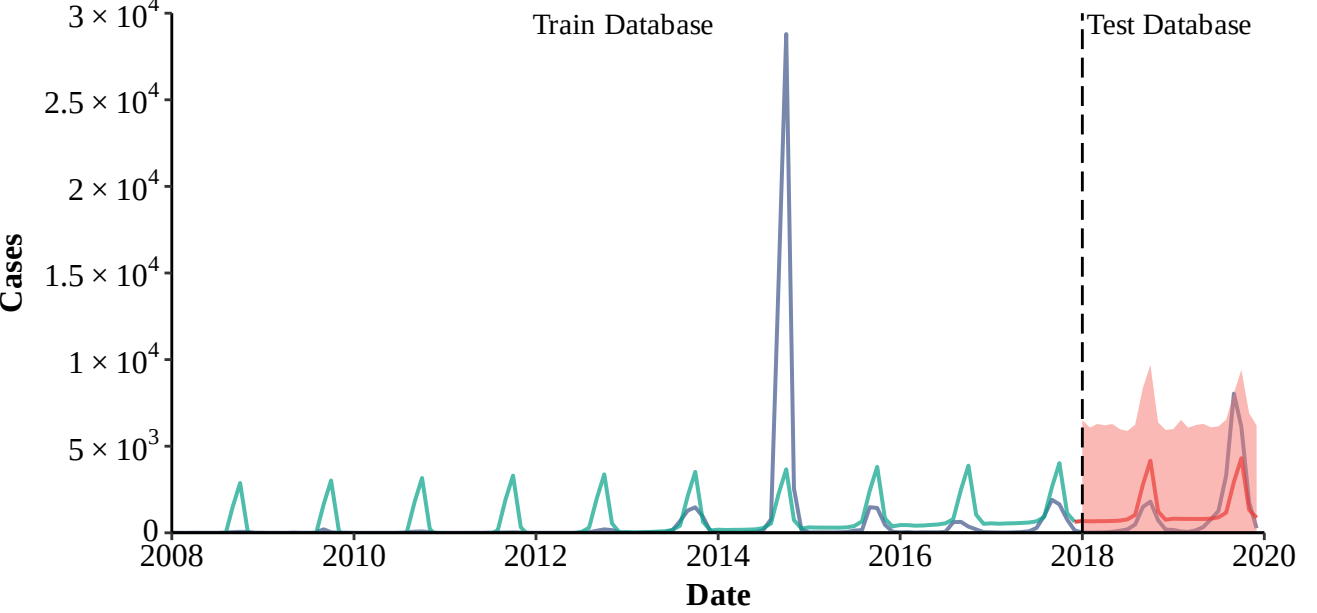


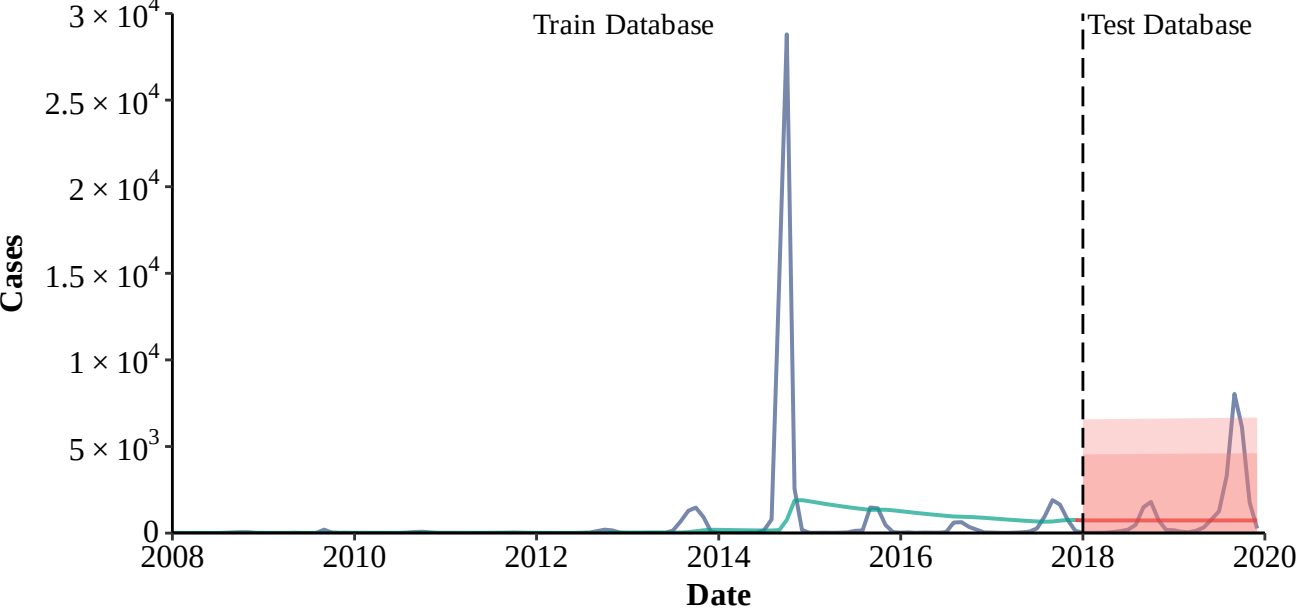
A: Neural Network



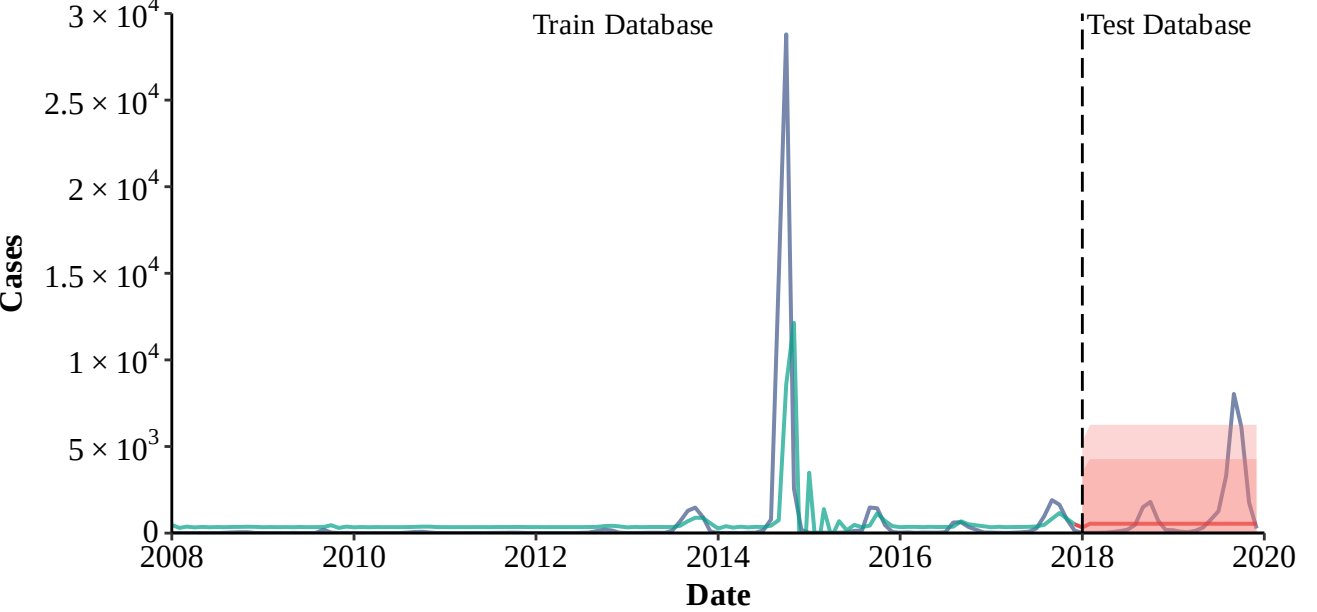
B: Prophet



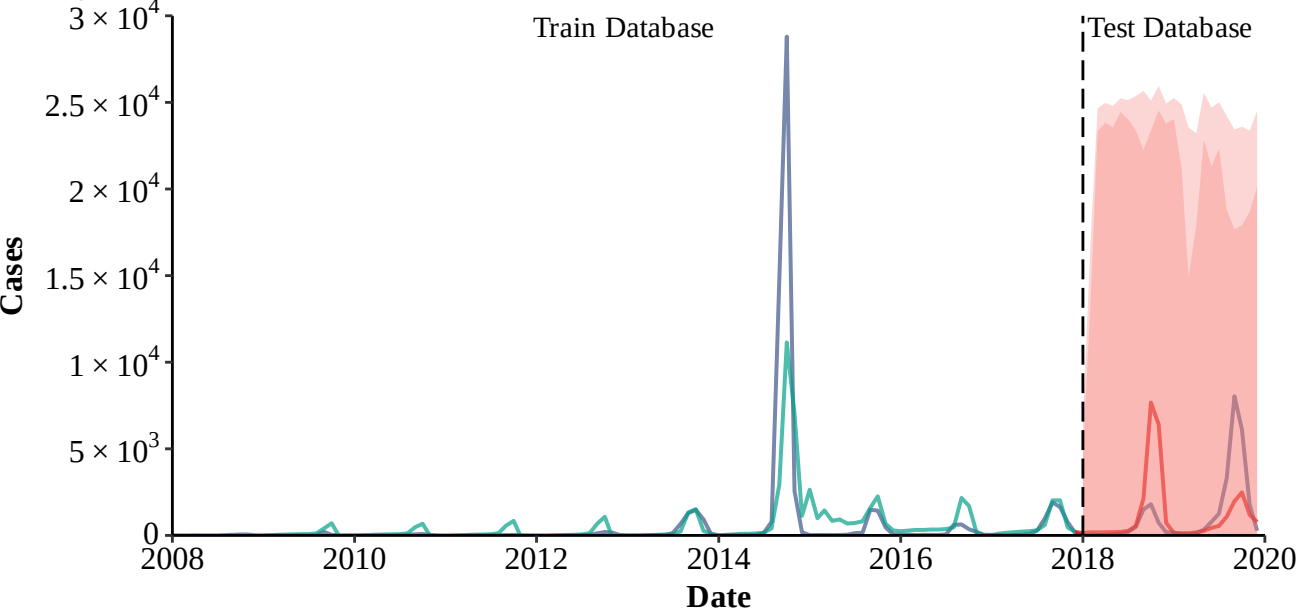
C: ETS



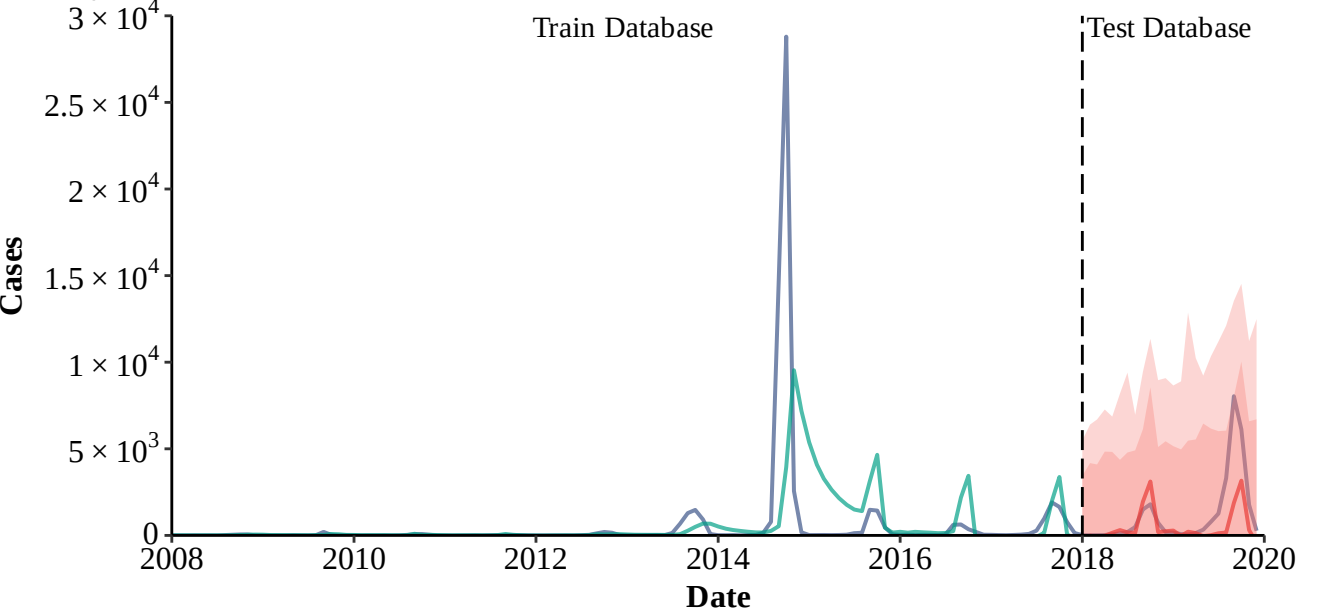
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

G : RMSE of Models

Method	Train	Test	All
Neural Network	612.61	8689.18	3746.29
Prophet	2733.45	1410.49	2560.86
ETS	2951.77	2016.17	2817.50
SARIMA	2506.27	2061.79	2437.83
Hybrid*	2141.12	2270.48	2165.22
Bayesian Structural	2924.70	1630.72	2751.62

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

H : SMAPE of Models

Method	Train	Test	All
Neural Network	112.23	110.67	111.94
Prophet	151.58	110.96	144.81
ETS	118.71	119.28	118.80
SARIMA	153.81	117.69	147.79
Hybrid*	136.11	85.09	126.83
Bayesian Structural	120.88	123.45	121.31

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

I : MASE of Models

Method	Train	Test	All
Neural Network	0.29	1.01	0.74
Prophet	1.51	1.61	1.54
ETS	1.22	Inf	32.93
SARIMA	1.67	117.87	2.13
Hybrid*	0.88	1.4	1.32
Bayesian Structural	1.43	1.36	2.10

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

J : R-squared of Models

Method	Train	Test	All
Neural Network	0.96	0	0.32
Prophet	0.14	0.53	0.17
ETS	0.01		0.01
SARIMA	0.27	0.01	0.25
Hybrid*	0.66	0.1	0.49
Bayesian Structural	0.07	0.47	0.09

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