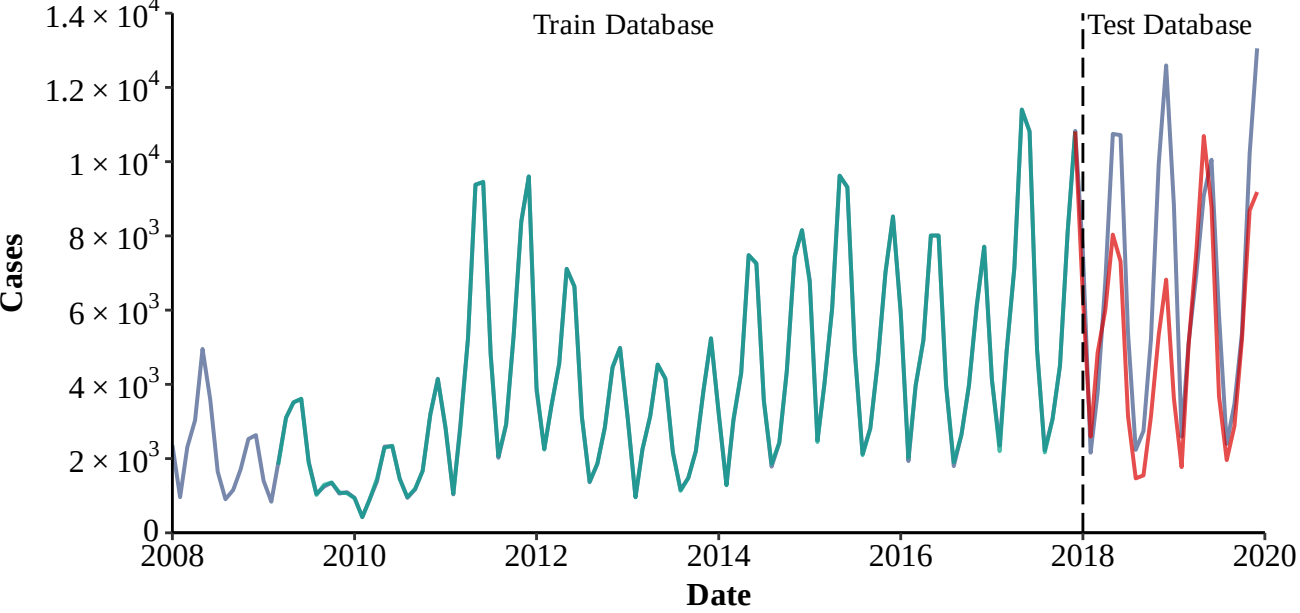


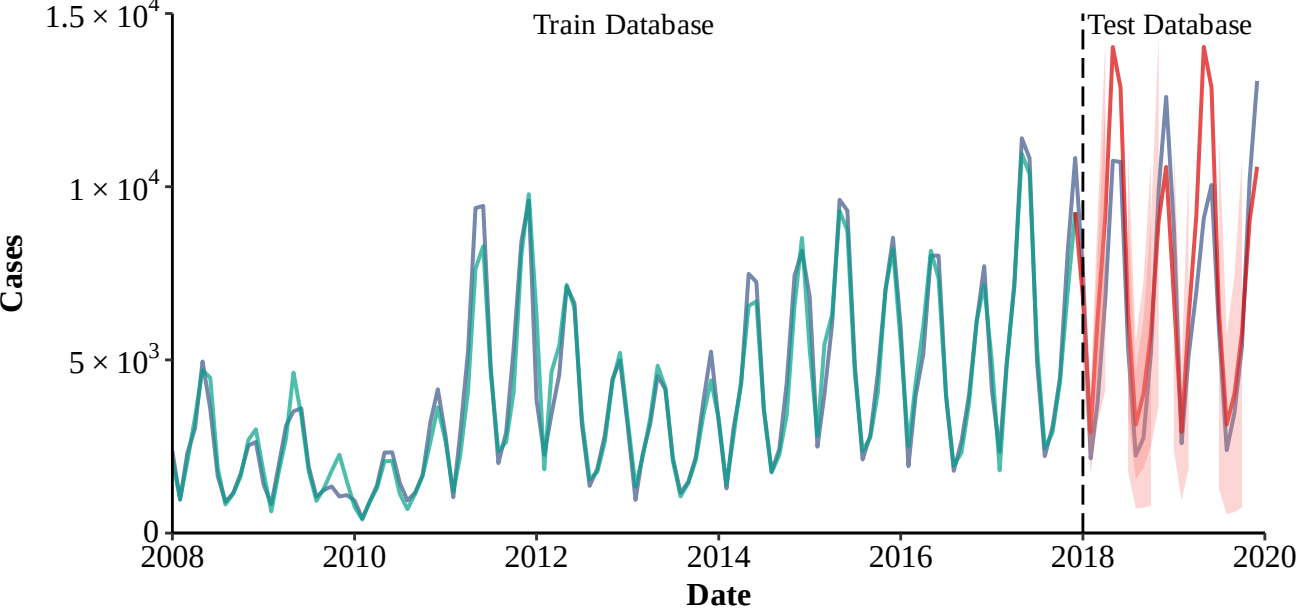
A: Neural Network



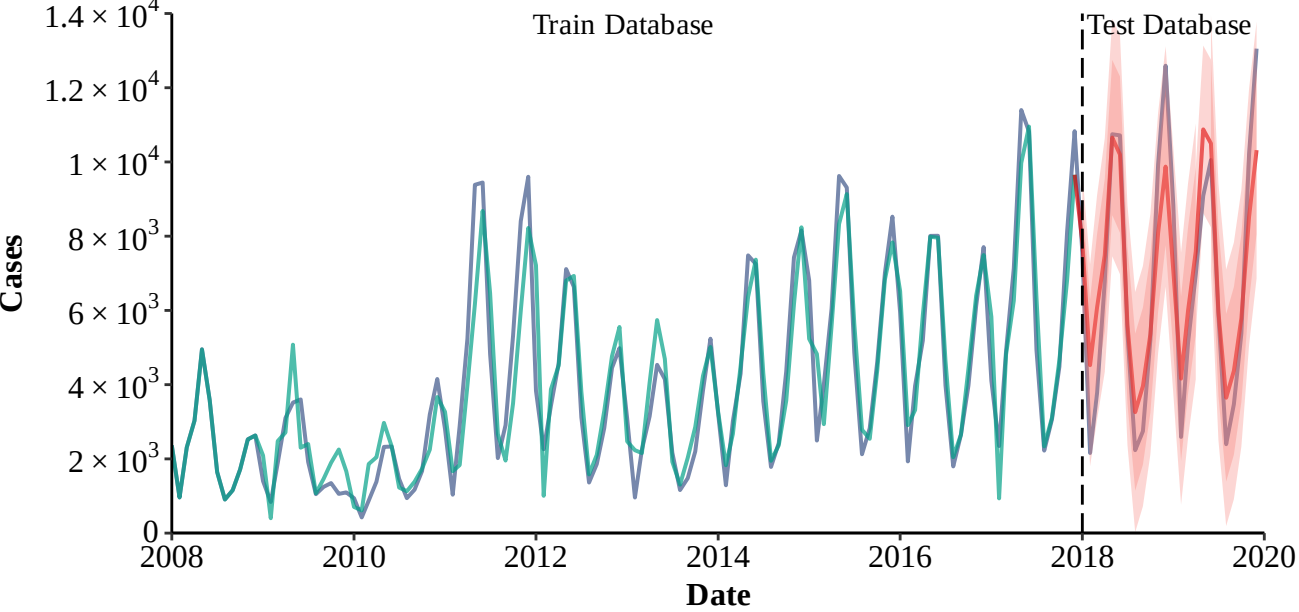
B: Prophet



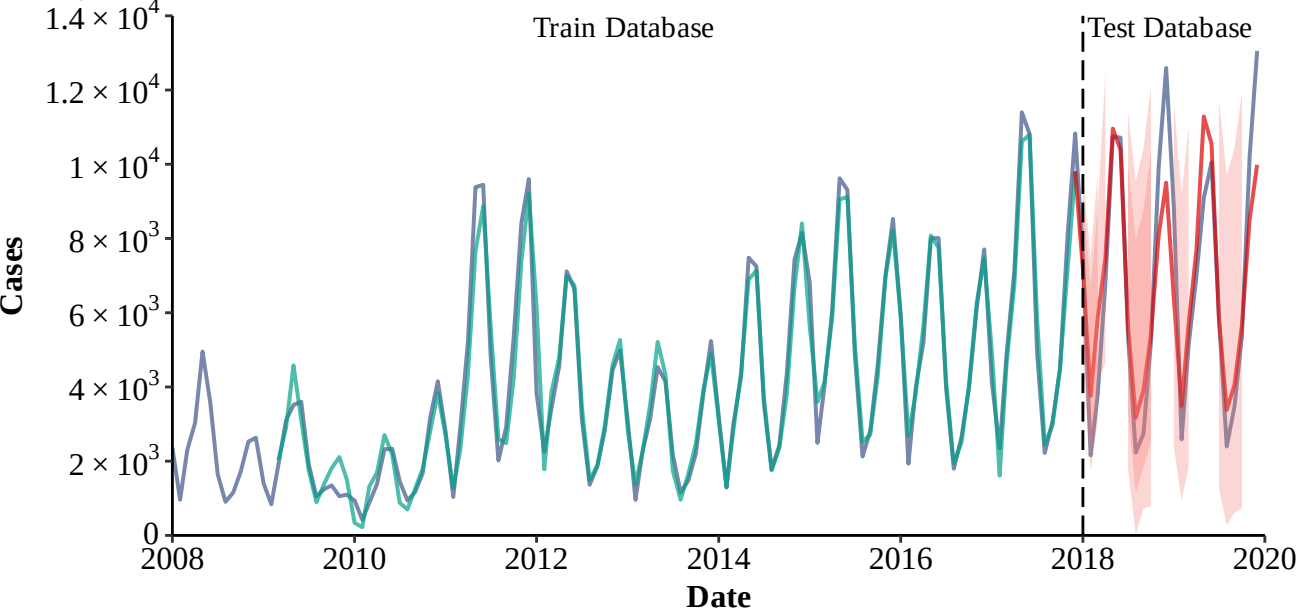
C: ETS



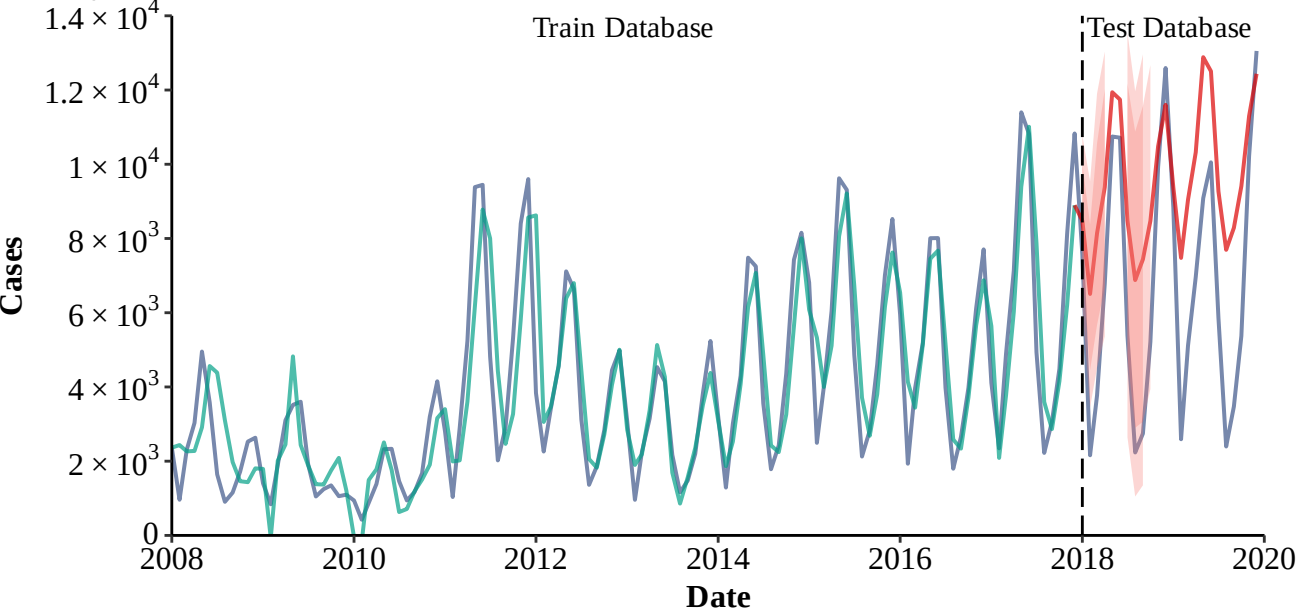
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

Method	Train	Test	Train and Test
Neural Network	33.64	2444.20	1050.64
Prophet	1373.03	1778.28	1448.47
ETS	577.46	1916.28	943.35
SARIMA	882.36	1417.24	991.75
Hybrid*	539.80	1434.82	785.91
Bayesian Structural	1197.67	3323.94	1742.63

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

I : R-squared of Models

Method	Train	Test	Train and Test
Neural Network	1.00	0.69	0.89
Prophet	0.72	0.87	0.76
ETS	0.95	0.76	0.90
SARIMA	0.89	0.87	0.89
Hybrid*	0.96	0.84	0.93
Bayesian Structural	0.79	0.84	0.72

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

J : MAE of Models

Method	Train	Test	Train and Test
Neural Network	20.87	1861.47	360.68
Prophet	1049.80	1471.83	1120.14
ETS	396.07	1570.13	591.74
SARIMA	617.84	1149.70	706.48
Hybrid*	389.76	1115.76	523.79
Bayesian Structural	860.20	2913.03	1202.34

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