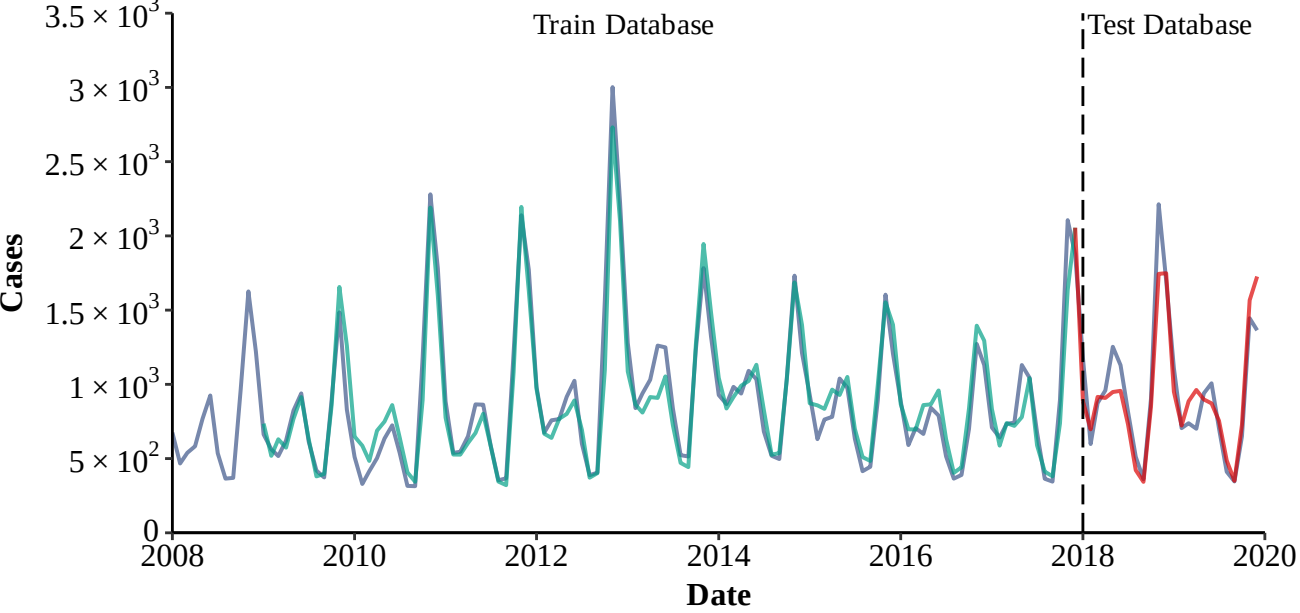


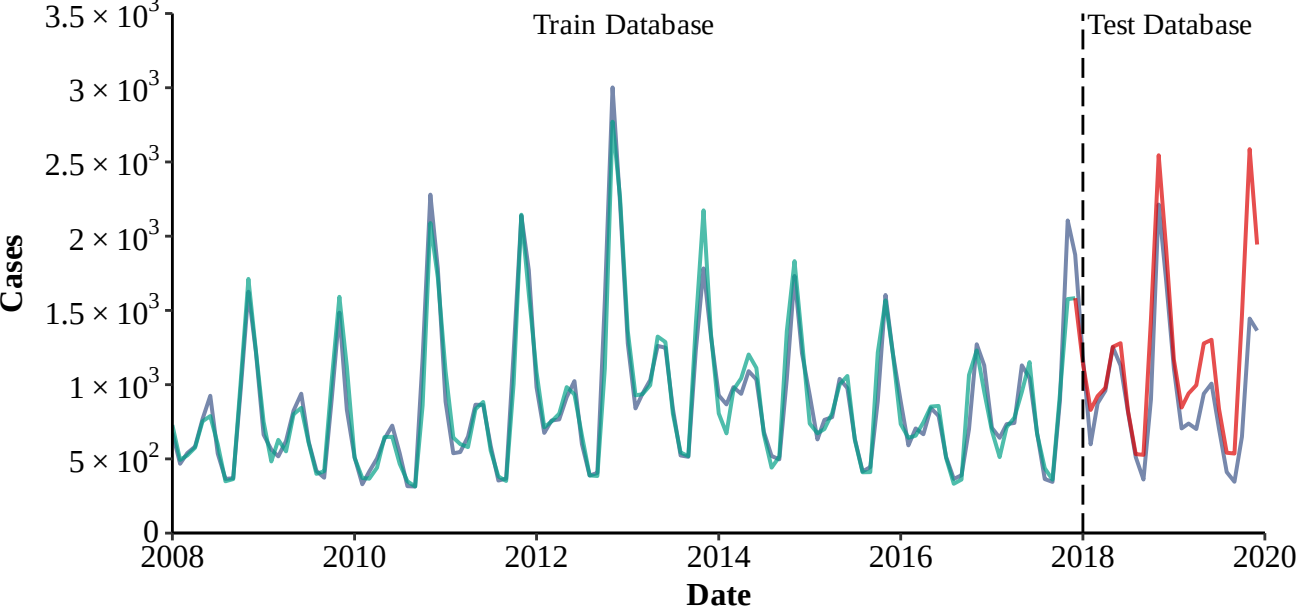
A: Neural Network



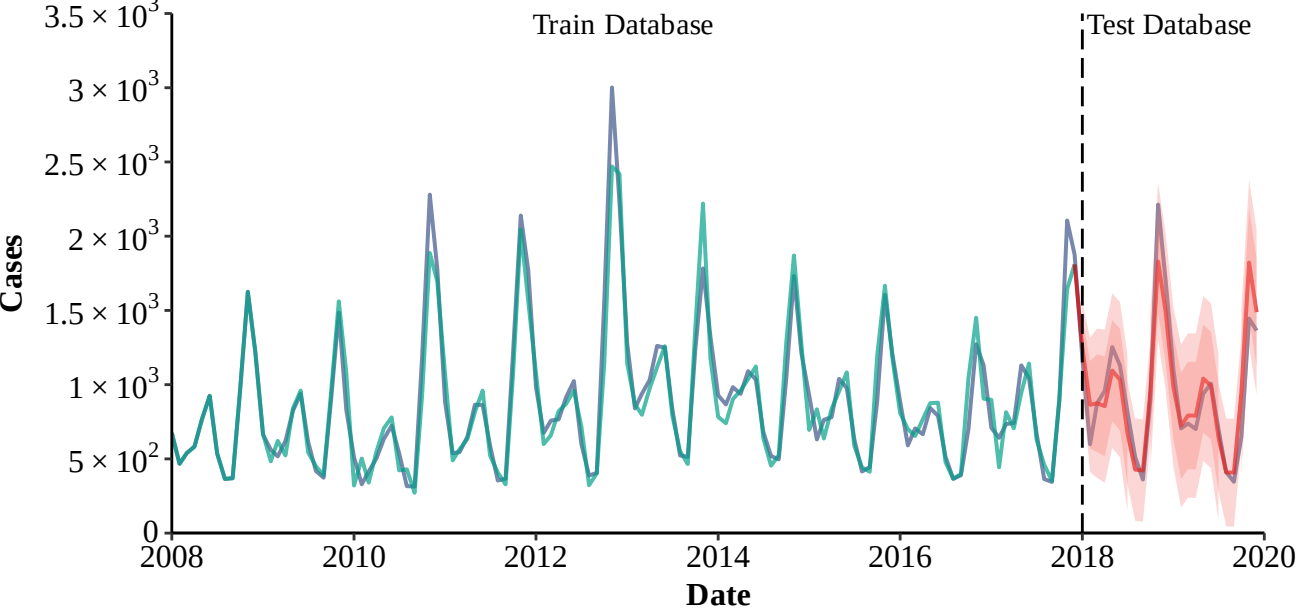
B: Prophet



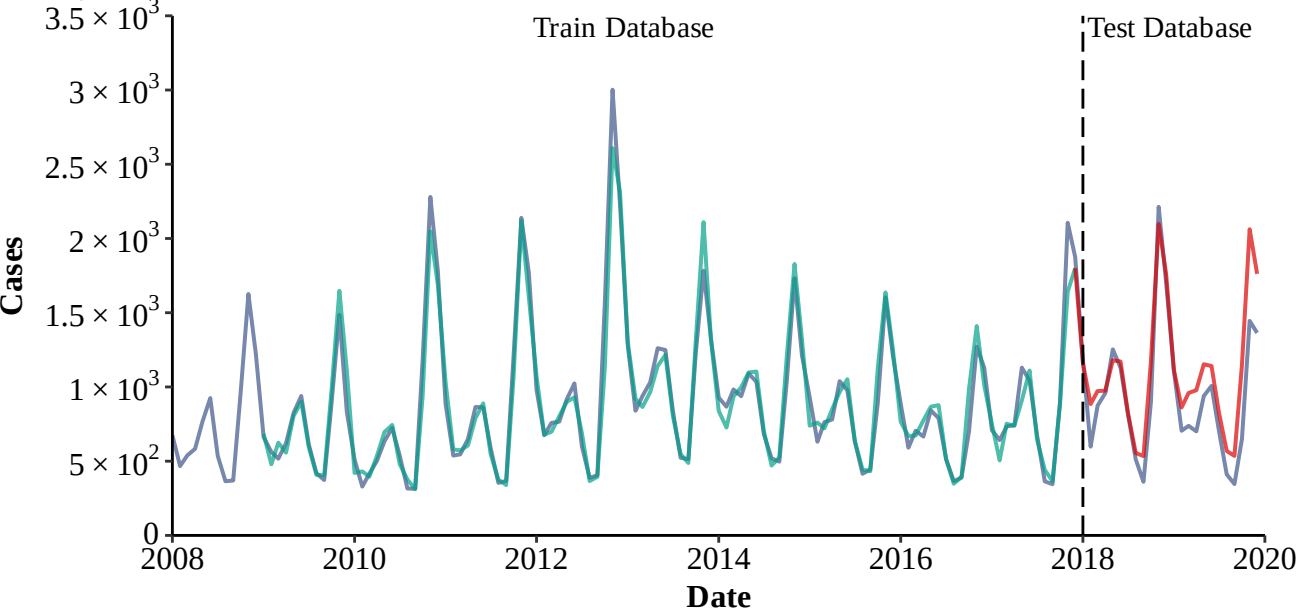
C: ETS



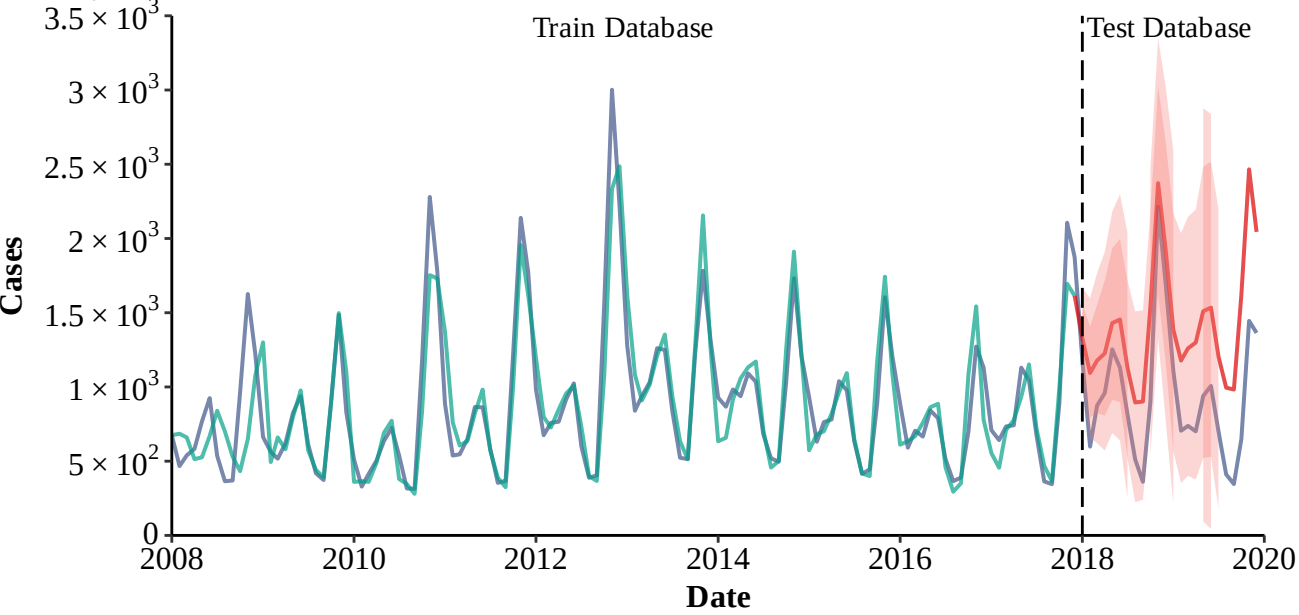
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

Method	Train	Test	Train and Test
Neural Network	141.87	177.84	149.06
Prophet	201.48	246.53	209.66
ETS	129.12	369.98	191.59
SARIMA	141.38	162.81	145.17
Hybrid*	121.10	232.79	147.83
Bayesian Structural	216.17	523.42	290.86

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

I : R-squared of Models

Method	Train	Test	Train and Test
Neural Network	0.91	0.83	0.90
Prophet	0.82	0.82	0.80
ETS	0.93	0.78	0.86
SARIMA	0.91	0.86	0.90
Hybrid*	0.94	0.85	0.91
Bayesian Structural	0.80	0.74	0.68

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

J : MAE of Models

Method	Train	Test	Train and Test
Neural Network	105.46	132.49	110.37
Prophet	136.49	216.49	149.82
ETS	84.33	253.72	112.56
SARIMA	97.78	123.02	101.98
Hybrid*	82.86	175.00	99.62
Bayesian Structural	145.14	472.85	199.76

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