

A: Neural Network



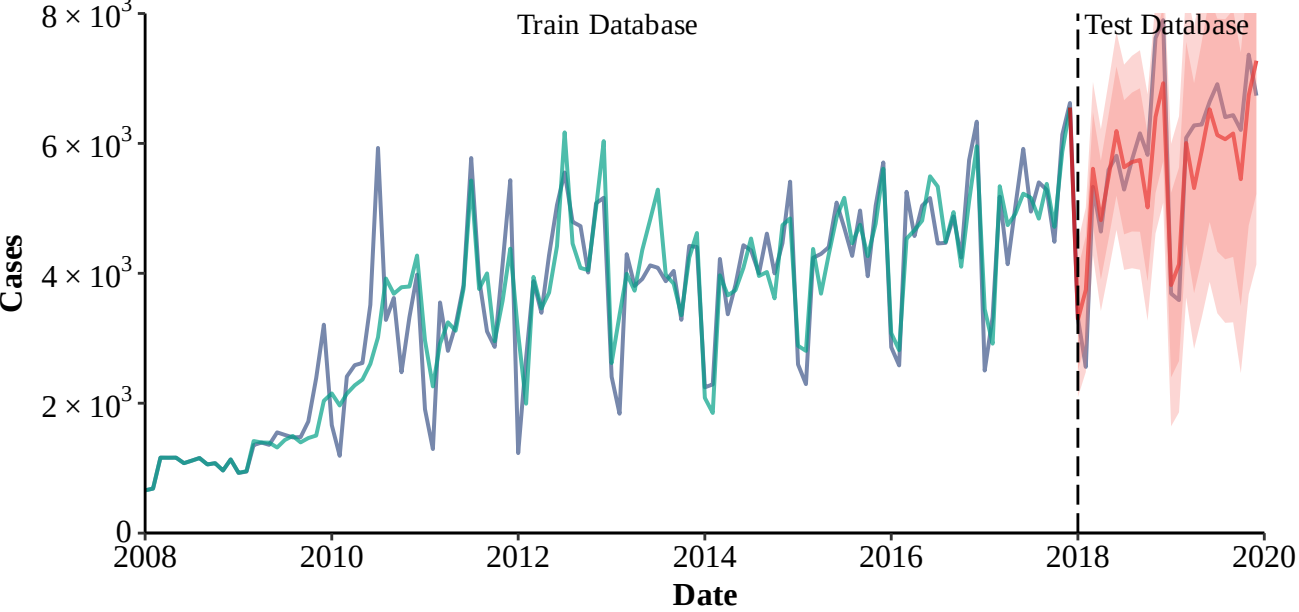
B: Prophet



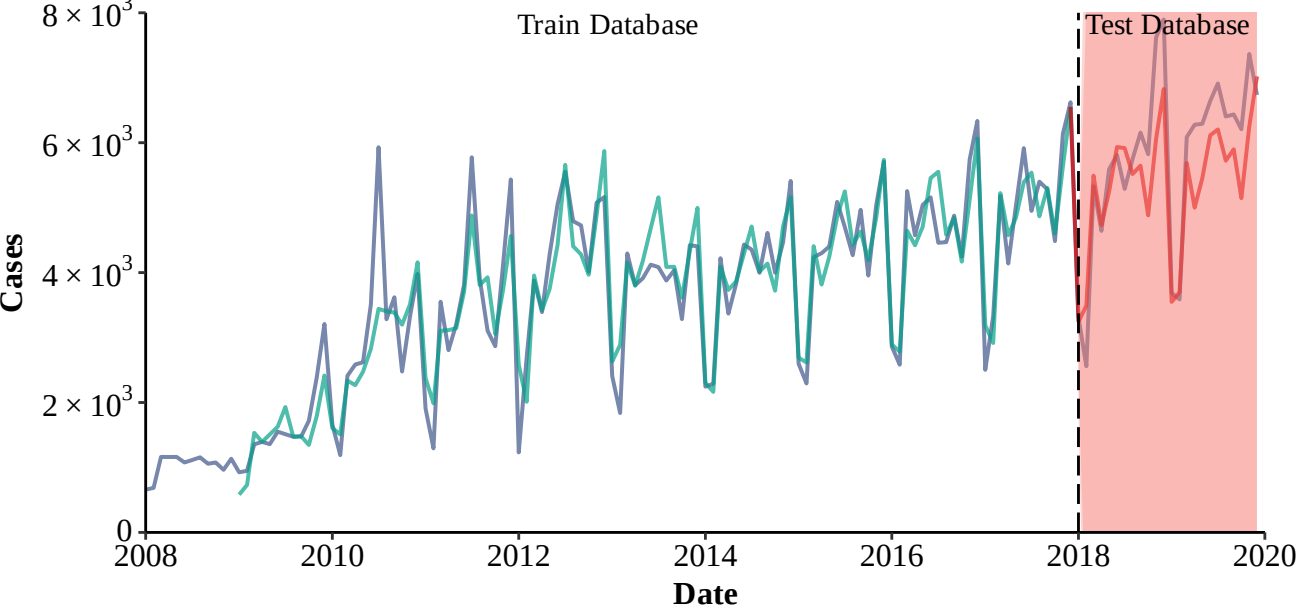
C: ETS



D: SARIMA



E: Hybrid



F: Bayesian Structural



Fitted Forecasted Observed

H : RMSE of Models

Method	Train	Test	All
Neural Network	569.38	980.63	663.39
Prophet	574.77	891.28	638.51
ETS	548.11	801.15	597.77
SARIMA	565.96	596.71	571.20
Hybrid*	487.79	728.33	539.56
Bayesian Structural	610.87	614.95	611.56

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

I : SMAPE of Models

Method	Train	Test	All
Neural Network	12.73	13.89	12.94
Prophet	19.42	13.50	18.43
ETS	11.74	10.89	11.60
SARIMA	11.33	8.77	10.91
Hybrid*	10.65	10.58	10.64
Bayesian Structural	13.48	8.89	12.71

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

J : MASE of Models

Method	Train	Test	All
Neural Network	0.74	1.43	0.84
Prophet	0.54	1.16	0.70
ETS	0.46	0.54	0.45
SARIMA	0.60	0.61	0.59
Hybrid*	0.39	0.76	0.53
Bayesian Structural	0.51	0.60	0.65

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

K : R-squared of Models

Method	Train	Test	All
Neural Network	0.83	0.85	0.84
Prophet	0.86	0.80	0.87
ETS	0.88	0.68	0.88
SARIMA	0.87	0.85	0.89
Hybrid*	0.87	0.82	0.89
Bayesian Structural	0.84	0.82	0.88

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