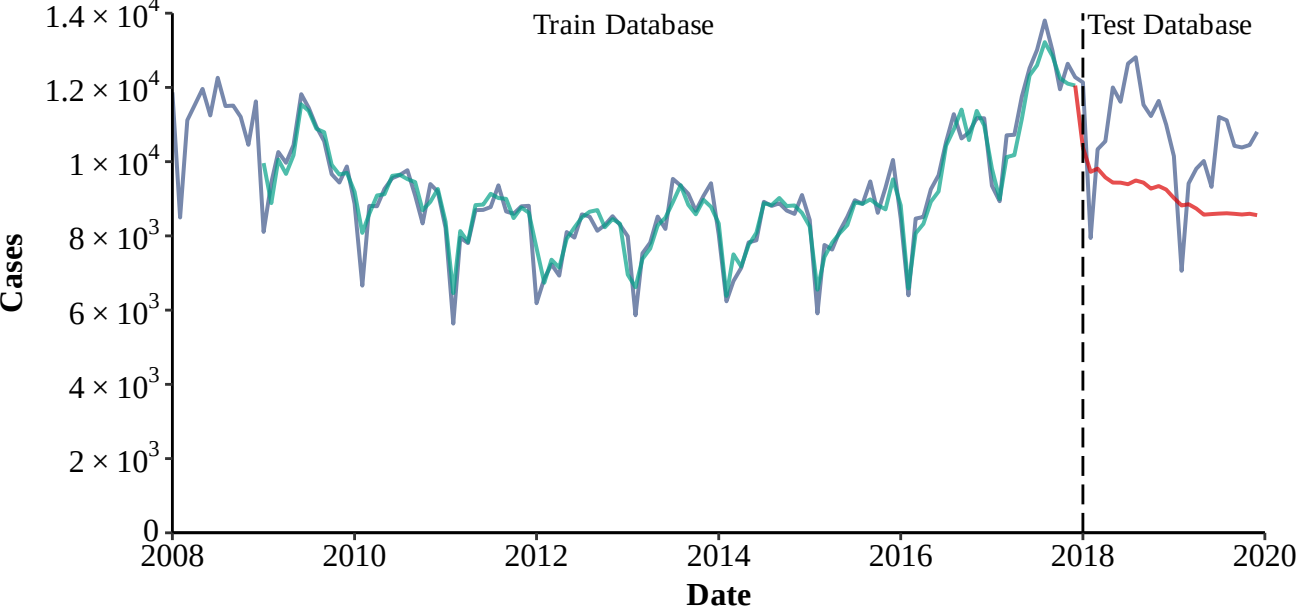


A: Neural Network



B: Prophet



C: ETS



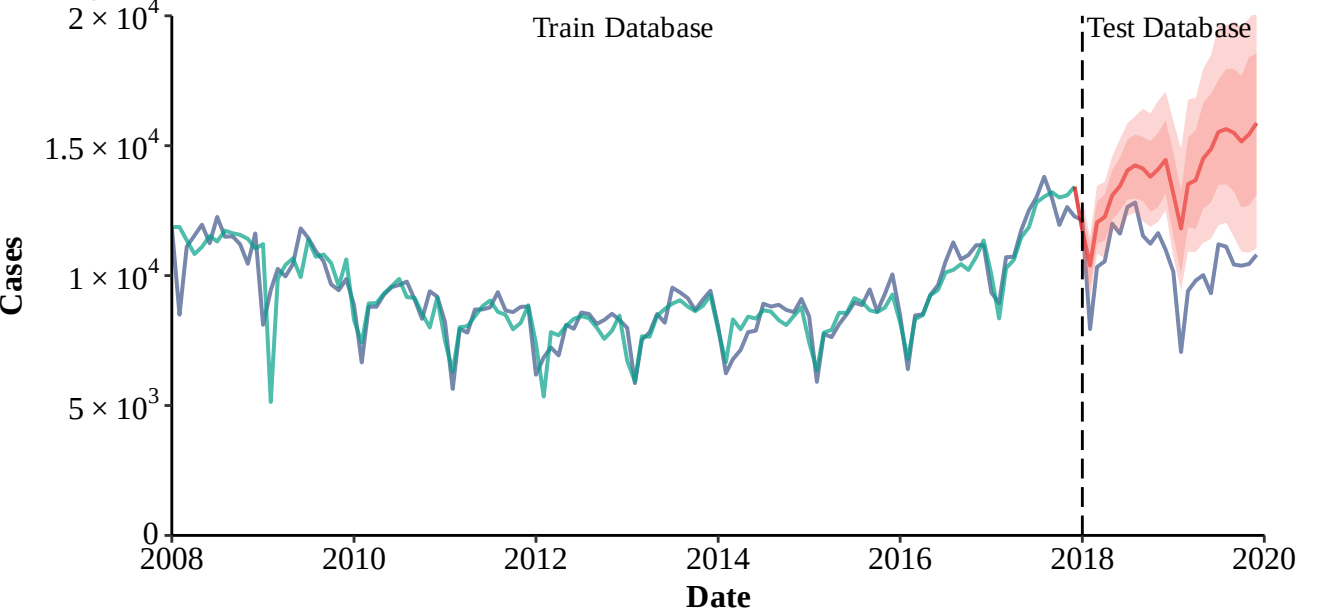
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

Method	Train	Test	All
Neural Network	430.52	1974.29	927.55
Prophet	473.35	3651.43	1552.05
ETS	542.28	3375.33	1464.19
SARIMA	537.58	1621.11	823.91
Hybrid*	453.02	1880.43	900.46
Bayesian Structural	804.54	3562.57	1629.33

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

I : SMAPE of Models

Method	Train	Test	All
Neural Network	3.57	18.37	6.26
Prophet	4.07	26.99	7.89
ETS	4.66	25.30	8.10
SARIMA	4.33	12.81	5.74
Hybrid*	3.92	14.76	5.89
Bayesian Structural	5.80	26.60	9.26

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

J : MASE of Models

Method	Train	Test	All
Neural Network	0.57	16.77	1.23
Prophet	0.47	5.11	1.37
ETS	0.54	5.21	1.42
SARIMA	0.51	2.26	0.76
Hybrid*	0.48	3.42	1.01
Bayesian Structural	0.67	5.33	1.43

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

K : R-squared of Models

Method	Train	Test	All
Neural Network	0.93	0.11	0.72
Prophet	0.92	0.09	0.60
ETS	0.90	0.11	0.63
SARIMA	0.90	0.46	0.81
Hybrid*	0.92	0.27	0.78
Bayesian Structural	0.78	0.11	0.57

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