

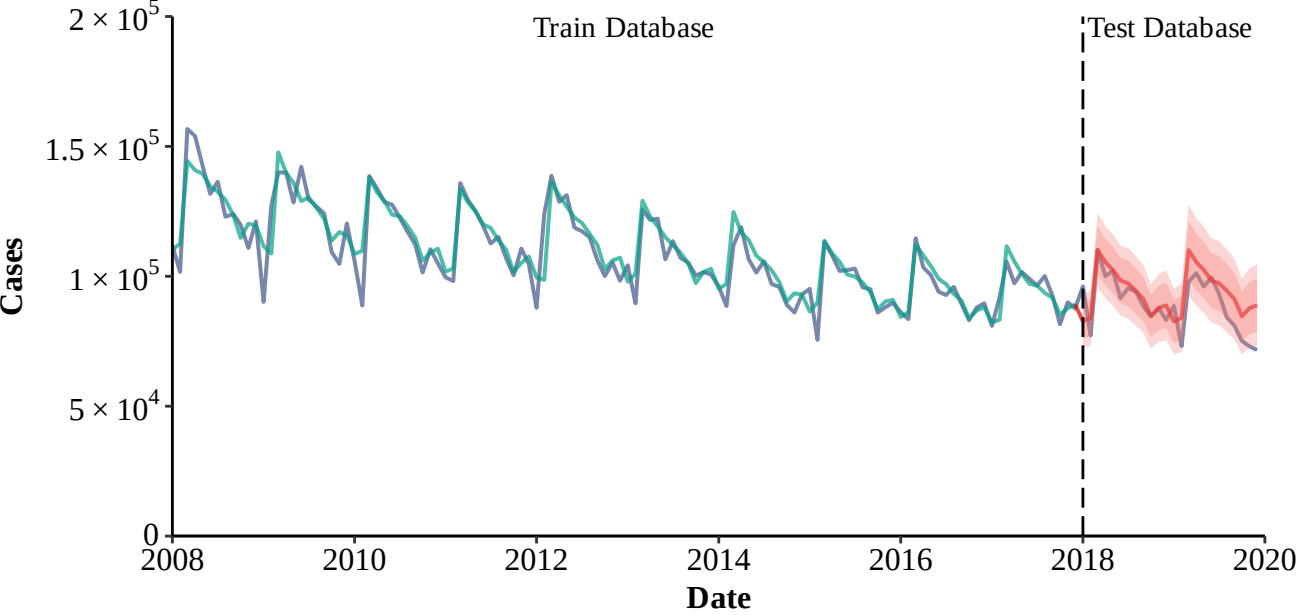
A: Neural Network



B: Prophet



C: ETS



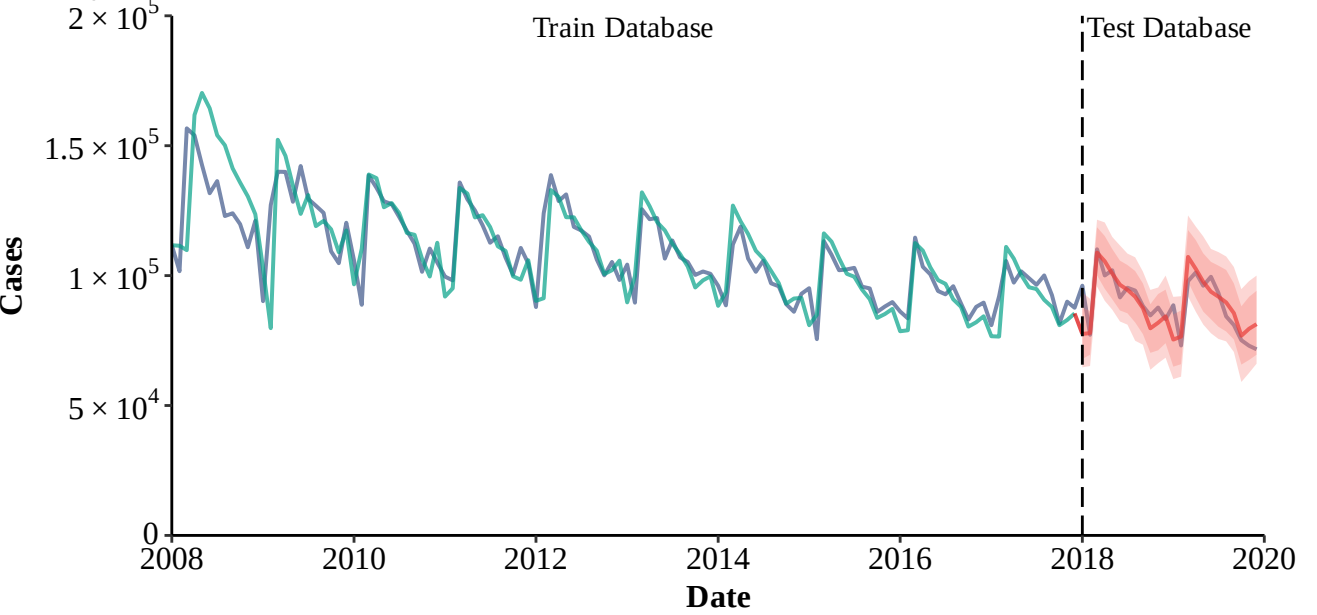
D: SARIMA



E: Hybrid



F: Bayesian Structural



Fitted Forecasted Observed

G : RMSE of Models

Method	Train	Test	All
Neural Network	926.09	11418.63	4940.46
Prophet	6212.04	7120.76	6372.49
ETS	6394.79	8013.86	6691.89
SARIMA	6746.33	7346.78	6850.06
Hybrid*	4732.52	6267.17	5046.38
Bayesian Structural	10801.55	6364.51	10197.01

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

H : SMAPE of Models

Method	Train	Test	All
Neural Network	0.63	10.58	2.44
Prophet	4.20	5.89	4.48
ETS	4.06	7.17	4.58
SARIMA	4.55	6.35	4.85
Hybrid*	3.09	5.53	3.54
Bayesian Structural	6.30	5.38	6.15

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

I : MASE of Models

Method	Train	Test	All
Neural Network	0.08	0.99	0.27
Prophet	0.48	0.82	0.72
ETS	0.47	1.20	0.77
SARIMA	0.58	0.97	0.63
Hybrid*	0.37	1.01	0.57
Bayesian Structural	0.76	0.76	0.79

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

J : R-squared of Models

Method	Train	Test	All
Neural Network	1.00	0.17	0.91
Prophet	0.86	0.69	0.87
ETS	0.86	0.59	0.87
SARIMA	0.86	0.71	0.87
Hybrid*	0.91	0.64	0.90
Bayesian Structural	0.71	0.66	0.74

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