

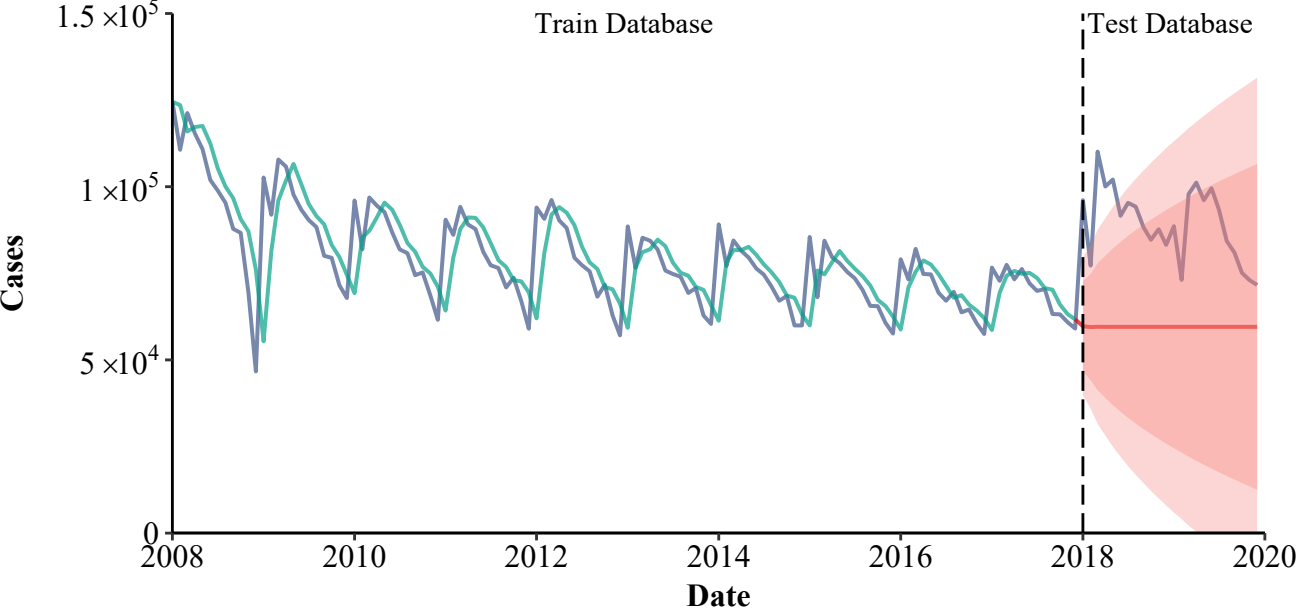
A: Neural Network



B: ETS



C: ARIMA



D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

Method	Train	Test	Train and Test
Neural Network	2790.66	23723.07	10425.75
ETS	3638.15	20993.32	9191.48
ARIMA	10092.81	31570.36	15843.04
SARIMA	3882.85	20963.54	9263.30
Hybrid*	2445.34	21246.91	9325.82
Bayesian Structural	6962.32	15874.01	9077.02

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

I : R-squared of Models

Method	Train	Test	Train and Test
Neural Network	0.94	0.43	0.44
ETS	0.94	0.49	0.65
ARIMA	0.55	0.07	0.20
SARIMA	0.94	0.45	0.68
Hybrid*	0.96	0.47	0.55
Bayesian Structural	0.81	0.45	0.68

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

J : MAE of Models

Method	Train	Test	Train and Test
Neural Network	2066.27	22312.05	5747.32
ETS	2205.09	19615.82	5106.88
ARIMA	6829.35	29843.07	10664.97
SARIMA	2443.59	19525.37	5290.55
Hybrid*	1760.28	19869.36	5052.84
Bayesian Structural	3821.67	14444.80	5592.19

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