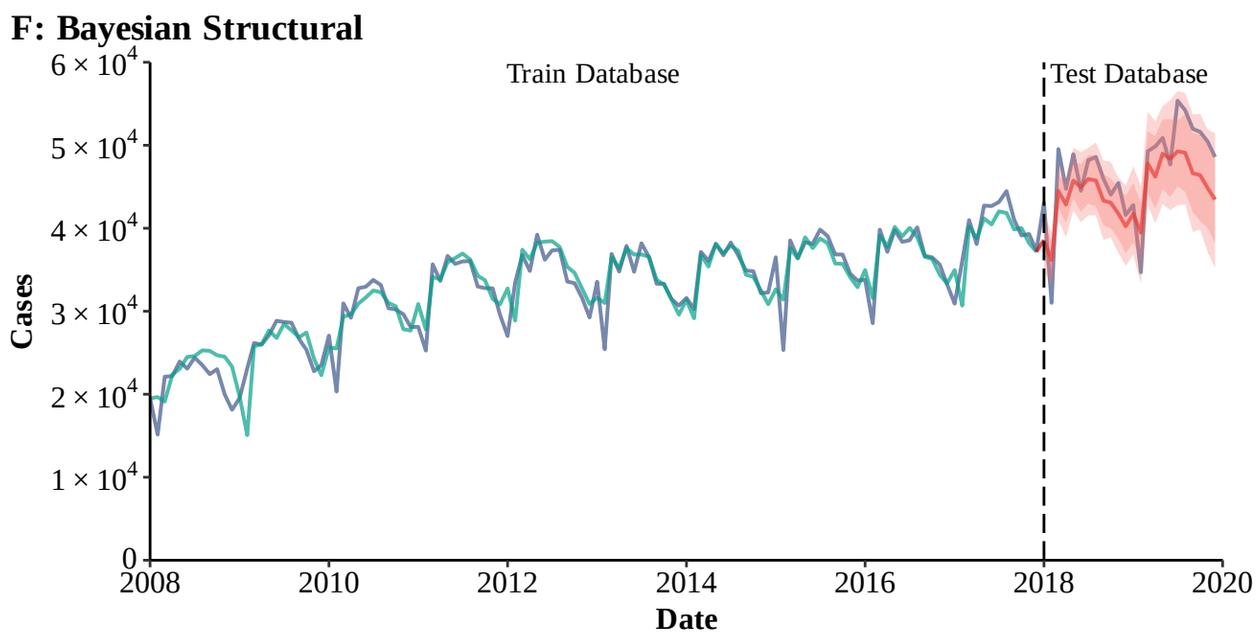

Fitted Forecasted Observed

H : RMSE of Models

Method	Train	Test	Train and Test
Neural Network	1971.18	4956.85	2765.22
ETS	1585.94	3379.75	1999.94
ARIMA	3181.11	10389.88	5140.47
SARIMA	1698.29	5115.59	2600.97
Hybrid*	1594.36	3390.99	2042.18
Bayesian Structural	2042.99	3780.24	2420.72

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

I : R-squared of Models

Method	Train	Test	Train and Test
Neural Network	0.85	0.56	0.87
ETS	0.93	0.77	0.94
ARIMA	0.74	0.03	0.64
SARIMA	0.92	0.77	0.91
Hybrid*	0.90	0.79	0.93
Bayesian Structural	0.89	0.79	0.92

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

J : MAE of Models

Method	Train	Test	Train and Test
Neural Network	1449.60	4235.83	1956.19
ETS	1090.20	2816.57	1377.93
ARIMA	2417.08	9677.40	3627.14
SARIMA	1195.46	4583.40	1760.12
Hybrid*	1086.95	2953.70	1426.36
Bayesian Structural	1402.46	3332.43	1724.12

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