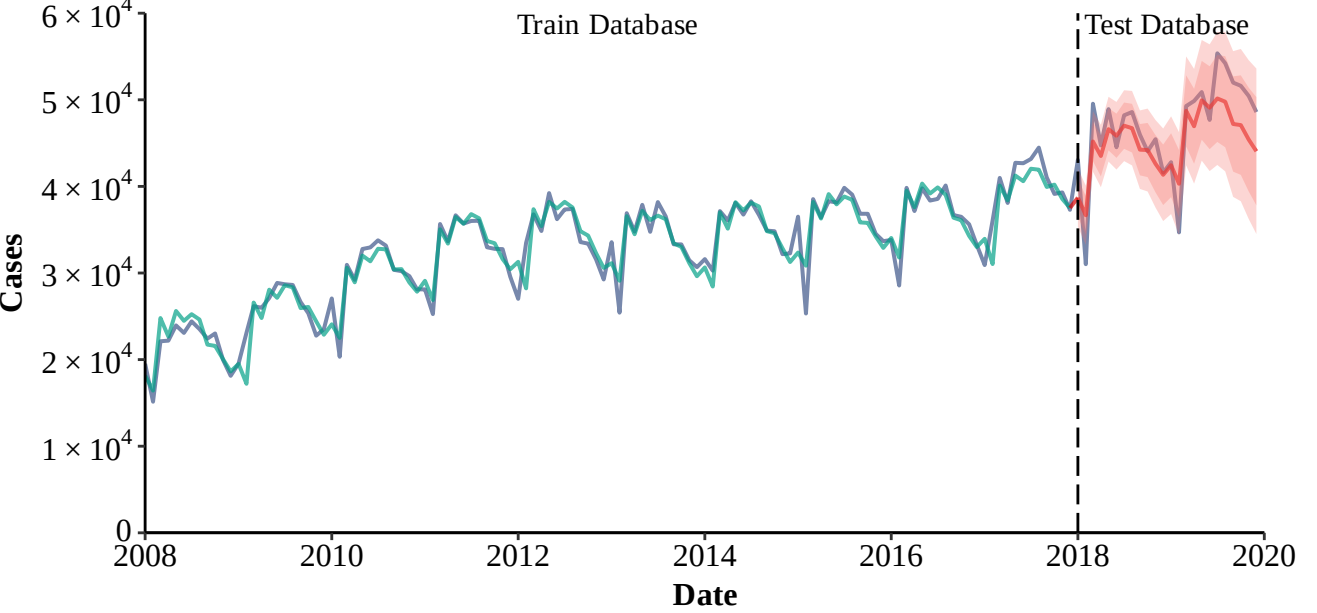


A: Neural Network



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 | 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