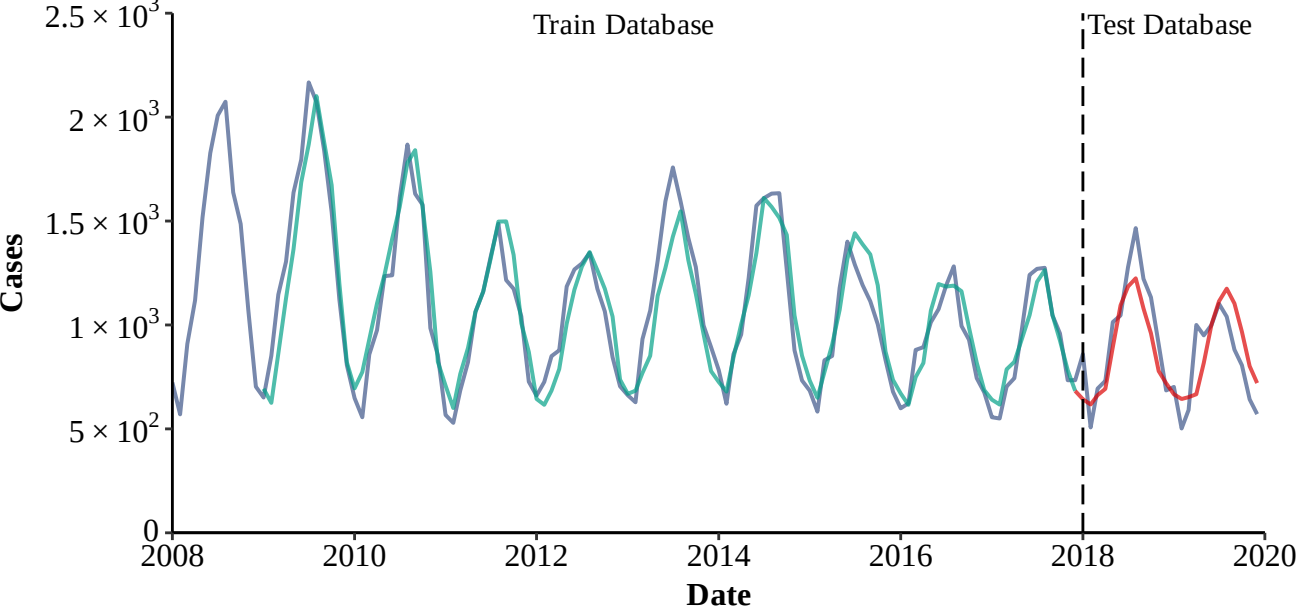
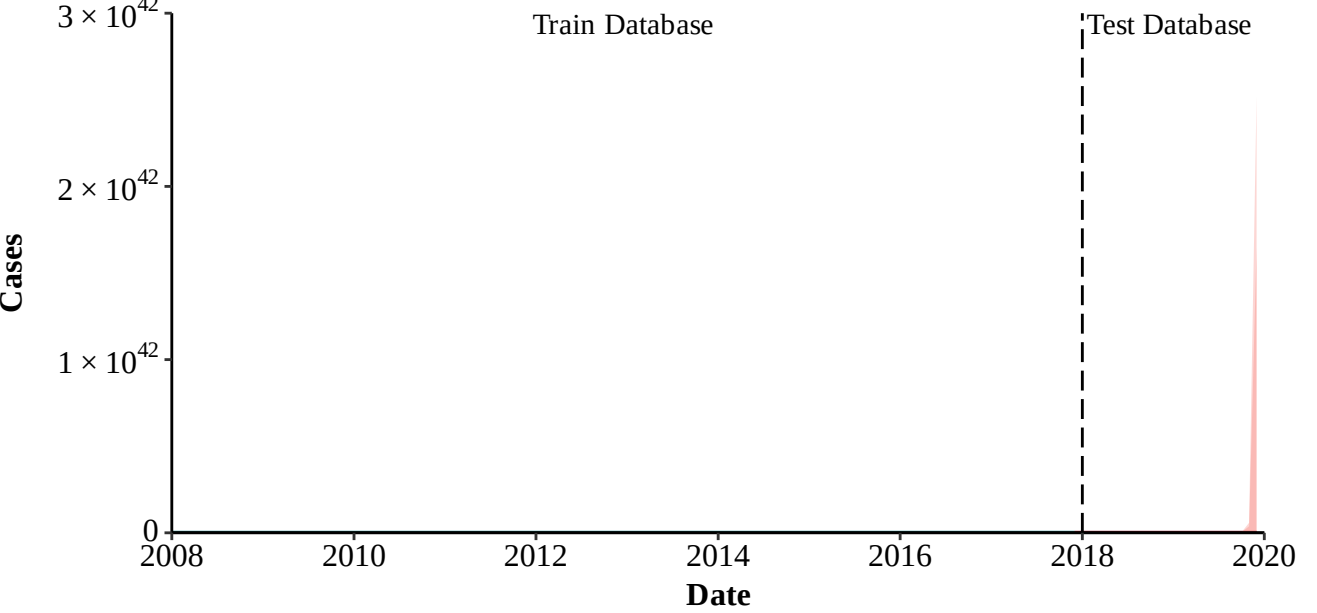


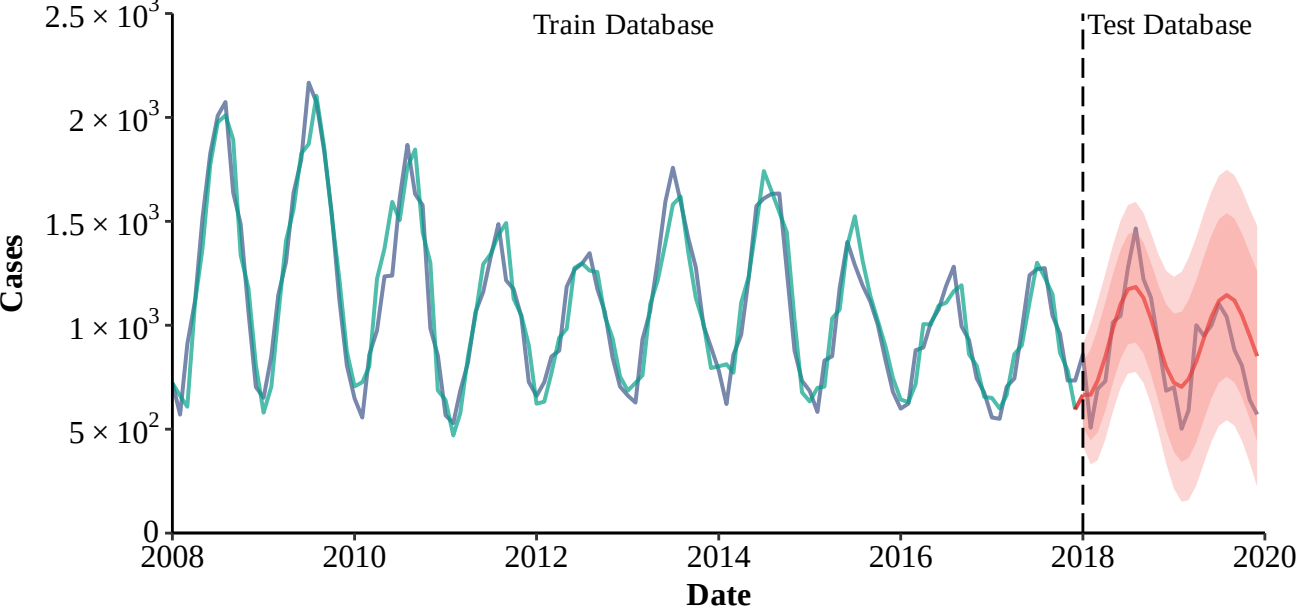
A: Neural Network



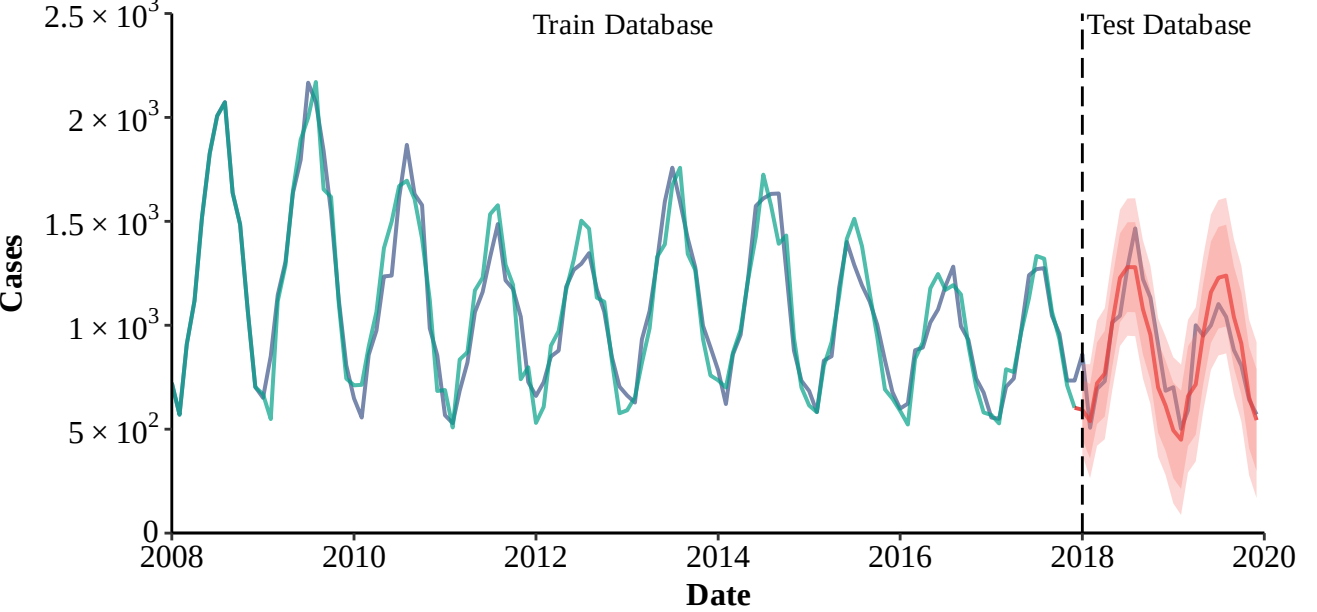
B: ETS



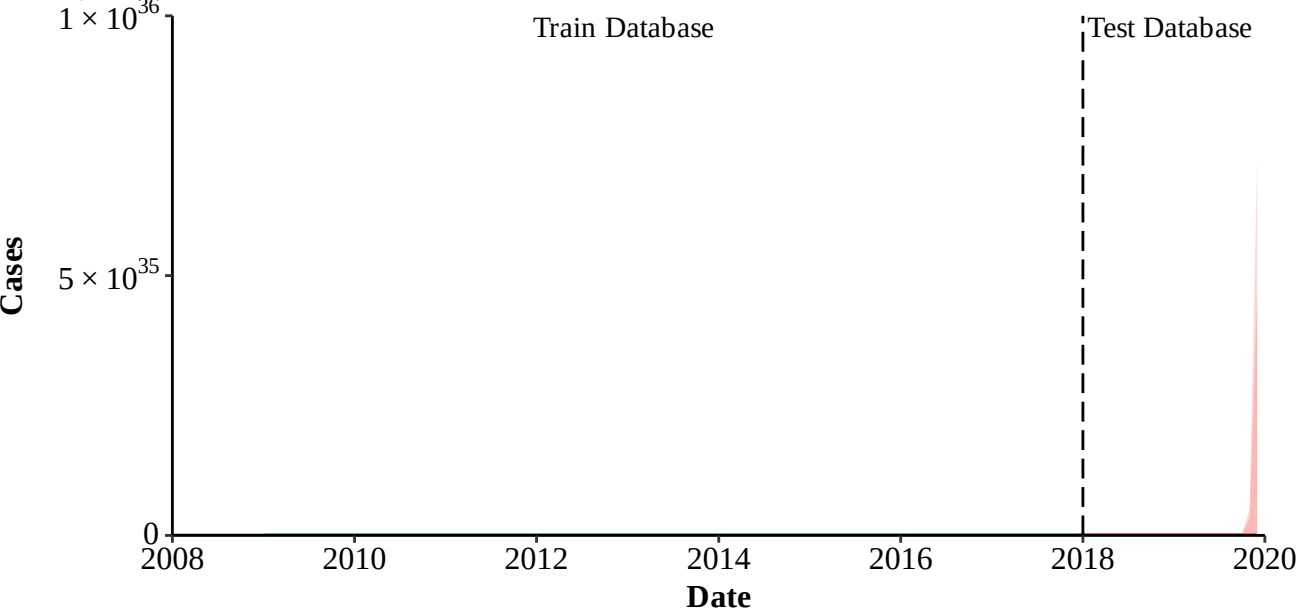
C: ARIMA



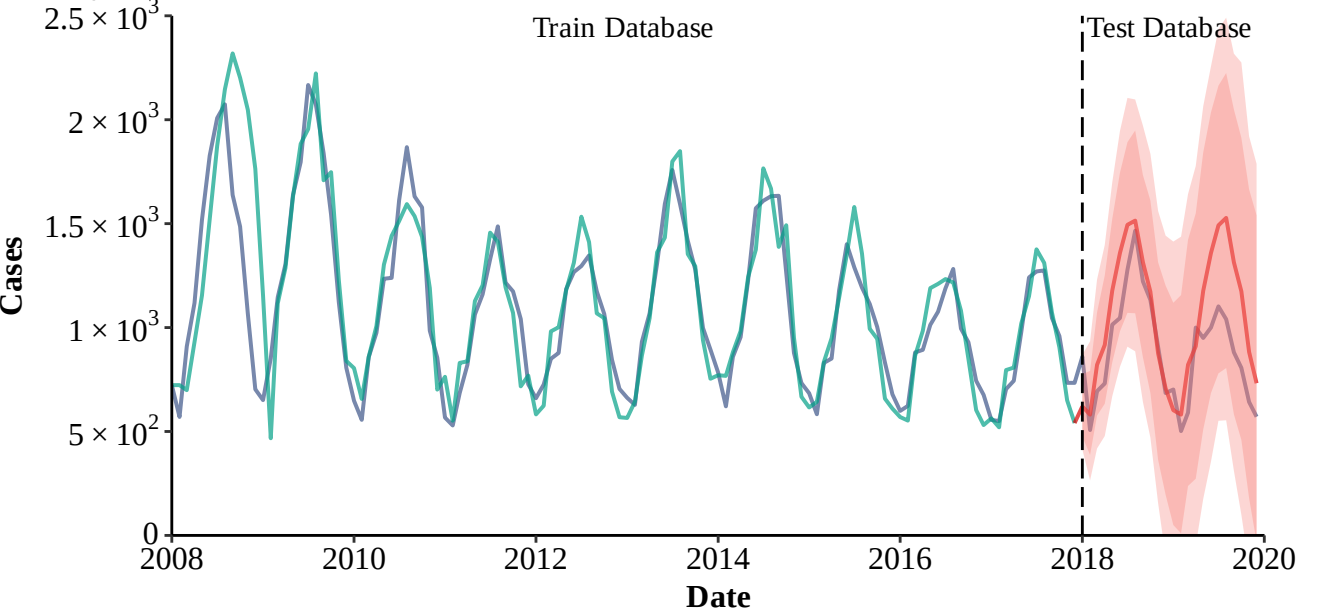
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

| Method | Train | Test | Train and Test |
|---------------------|--------|--------|----------------|
| Neural Network | 128.41 | 145.64 | 131.71 |
| ETS | 95.59 | 214.89 | 123.74 |
| ARIMA | 121.32 | 158.10 | 128.19 |
| SARIMA | 103.93 | 143.24 | 111.45 |
| Hybrid* | 89.52 | 153.02 | 103.99 |
| Bayesian Structural | 210.91 | 237.45 | 215.56 |

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

I : R-squared of Models

| Method | Train | Test | Train and Test |
|---------------------|-------|------|----------------|
| Neural Network | 0.88 | 0.66 | 0.86 |
| ETS | 0.94 | 0.69 | 0.90 |
| ARIMA | 0.90 | 0.64 | 0.89 |
| SARIMA | 0.93 | 0.73 | 0.92 |
| Hybrid* | 0.94 | 0.71 | 0.92 |
| Bayesian Structural | 0.76 | 0.70 | 0.74 |

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

J : MAE of Models

| Method | Train | Test | Train and Test |
|---------------------|--------|--------|----------------|
| Neural Network | 100.52 | 121.93 | 104.42 |
| ETS | 73.96 | 176.72 | 91.09 |
| ARIMA | 96.23 | 128.48 | 101.61 |
| SARIMA | 77.64 | 114.48 | 83.78 |
| Hybrid* | 69.32 | 131.26 | 80.58 |
| Bayesian Structural | 133.06 | 196.63 | 143.65 |

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