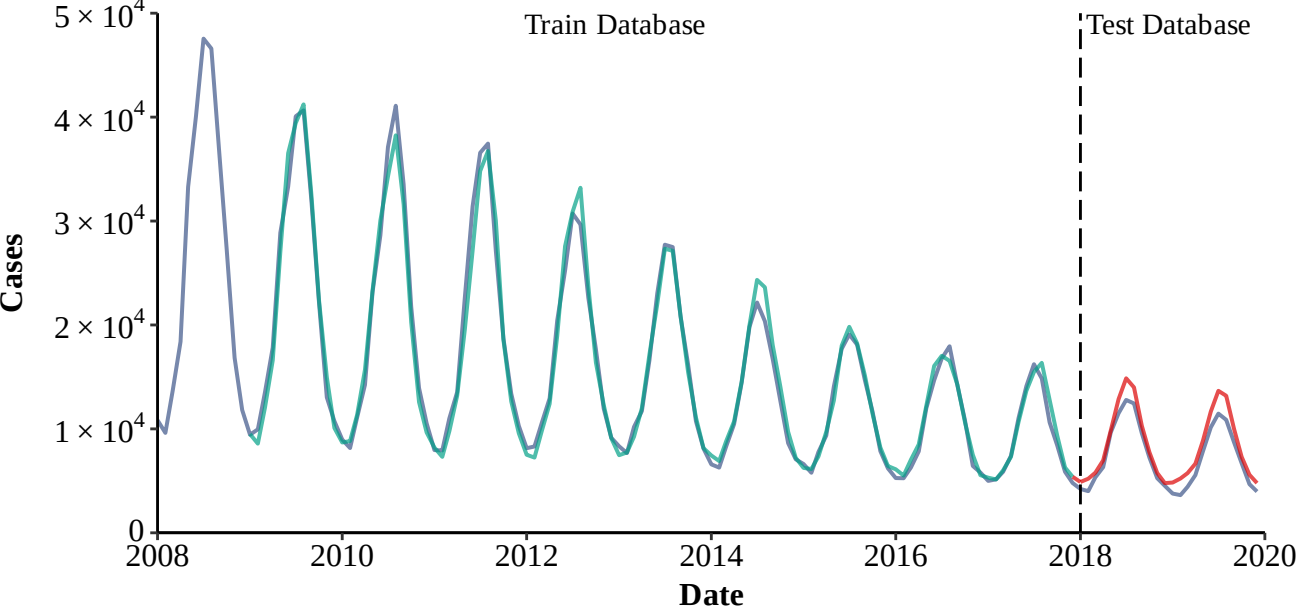
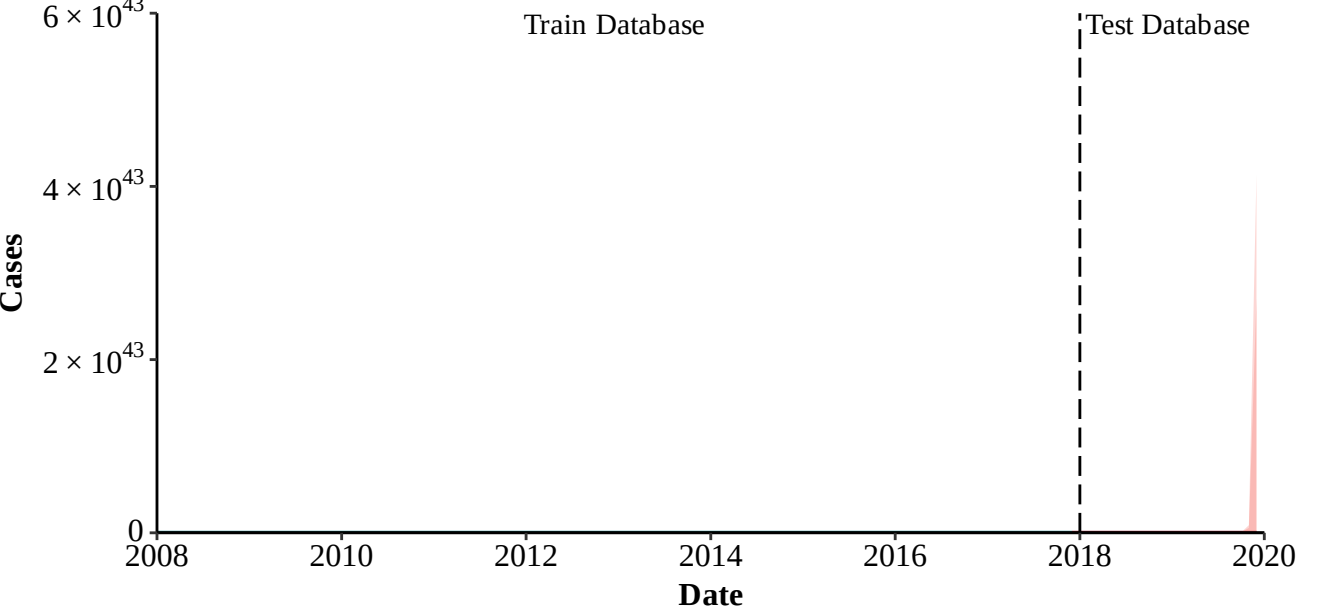


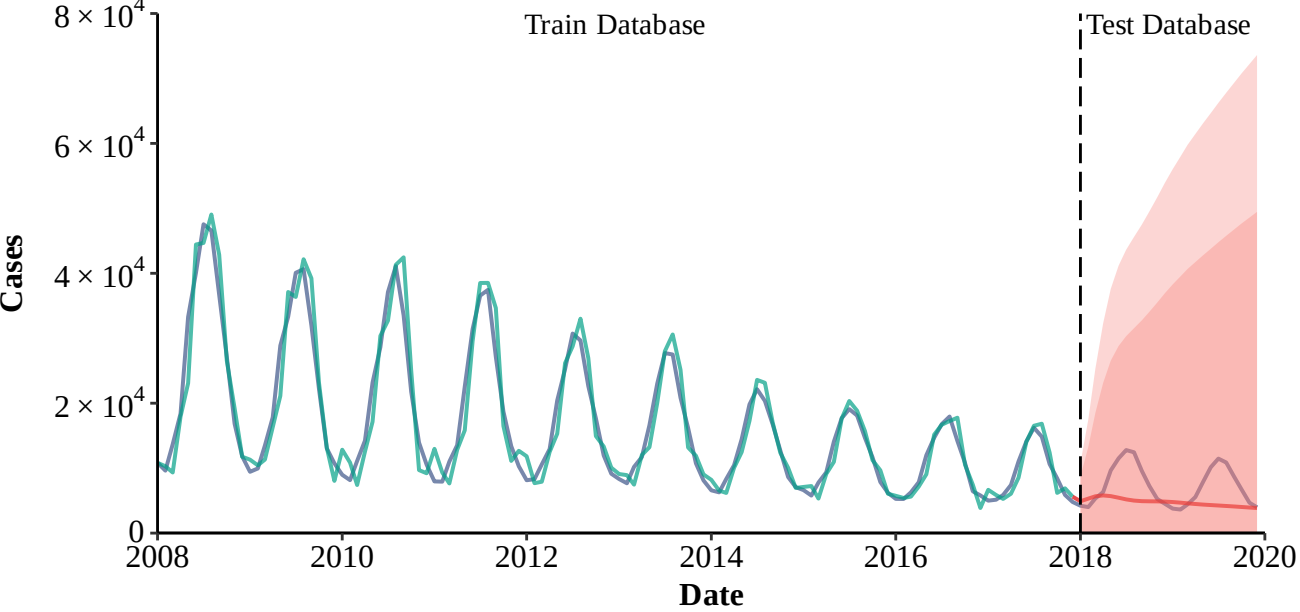
A: Neural Network



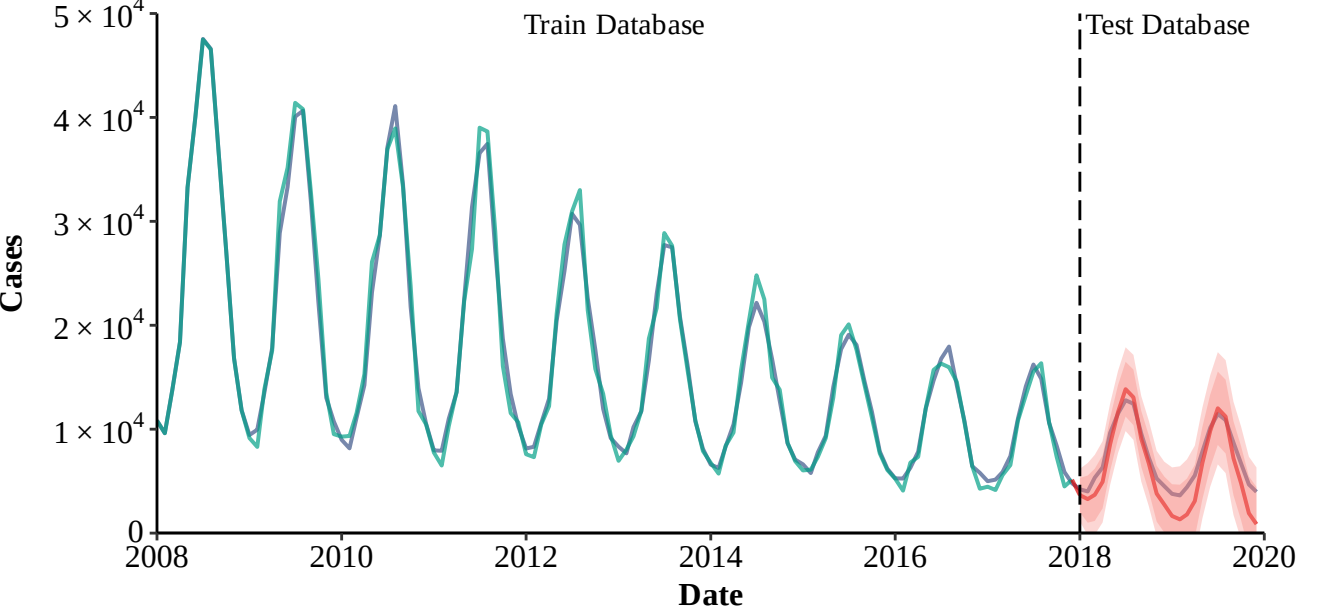
B: ETS



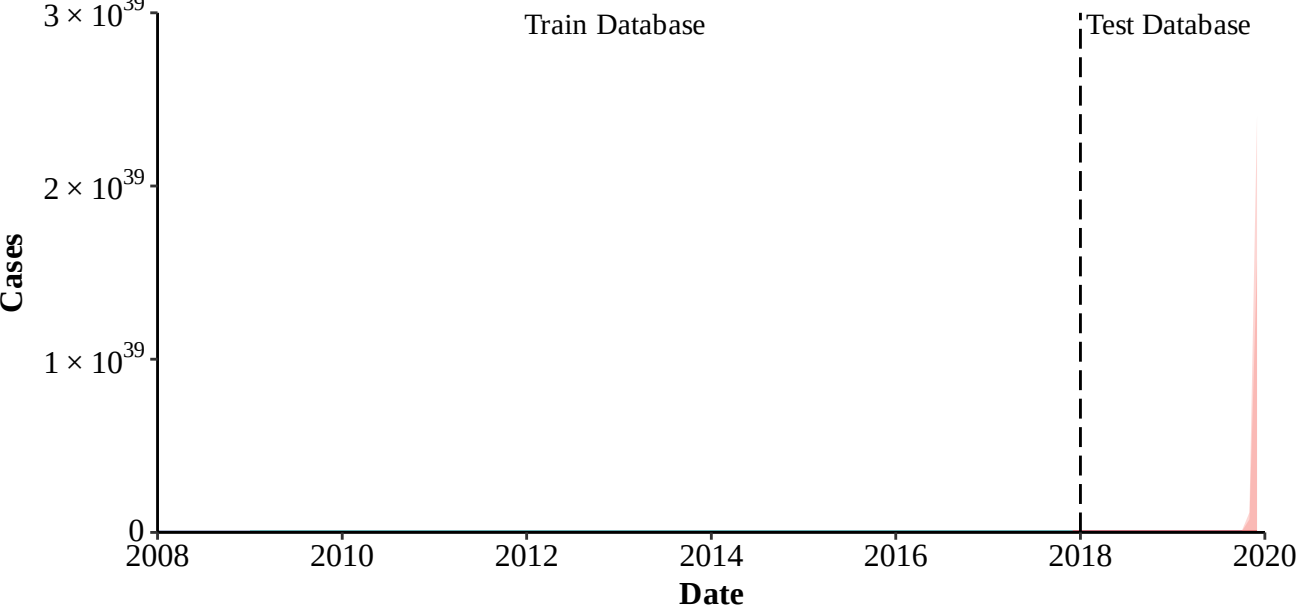
C: ARIMA



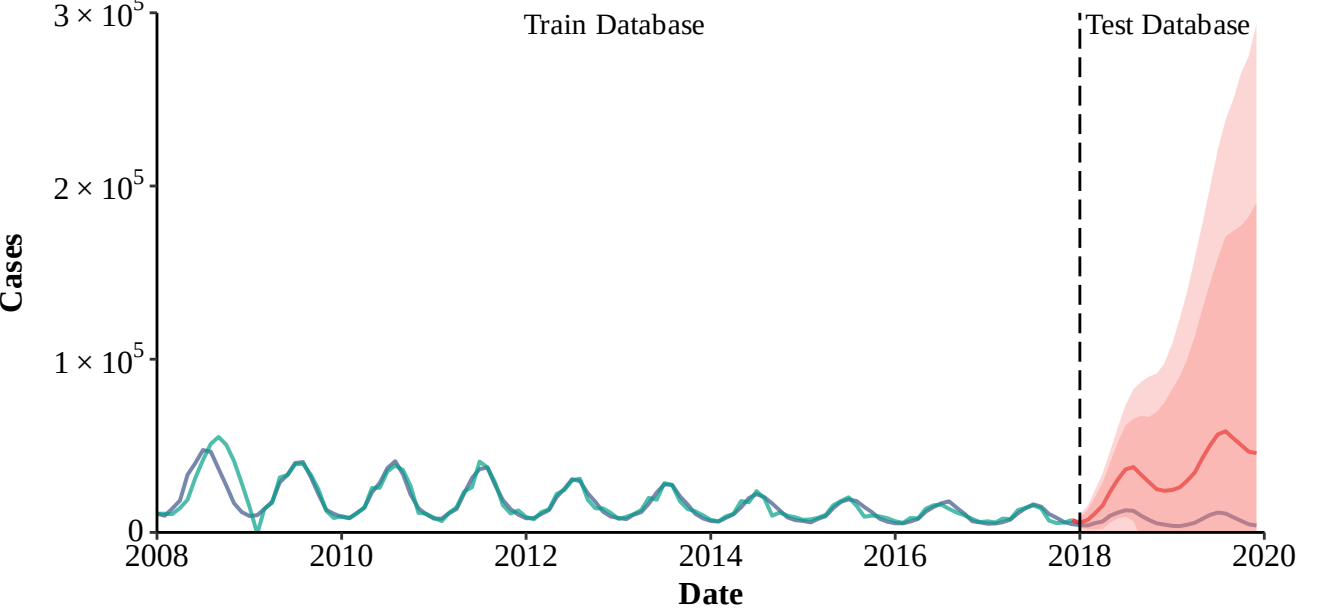
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

| Method | Train | Test | Train and Test |
|---------------------|---------|----------|----------------|
| Neural Network | 1247.71 | 1222.07 | 1243.09 |
| ETS | 1160.26 | 1822.96 | 1294.49 |
| ARIMA | 2895.81 | 3929.02 | 3092.08 |
| SARIMA | 1195.12 | 1603.96 | 1272.42 |
| Hybrid* | 968.49 | 1727.91 | 1144.68 |
| Bayesian Structural | 4790.93 | 29404.53 | 12776.22 |

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

I : R-squared of Models

| Method | Train | Test | Train and Test |
|---------------------|-------|------|----------------|
| Neural Network | 0.98 | 0.98 | 0.98 |
| ETS | 0.99 | 0.97 | 0.98 |
| ARIMA | 0.93 | 0.01 | 0.92 |
| SARIMA | 0.99 | 0.98 | 0.99 |
| Hybrid* | 0.99 | 0.98 | 0.98 |
| Bayesian Structural | 0.82 | 0.24 | 0.26 |

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

J : MAE of Models

| Method | Train | Test | Train and Test |
|---------------------|---------|----------|----------------|
| Neural Network | 901.75 | 1077.27 | 933.66 |
| ETS | 817.33 | 1379.17 | 910.97 |
| ARIMA | 2133.16 | 2926.77 | 2265.43 |
| SARIMA | 843.19 | 1359.60 | 929.26 |
| Hybrid* | 670.78 | 1222.78 | 771.15 |
| Bayesian Structural | 2615.78 | 26024.06 | 6517.16 |

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