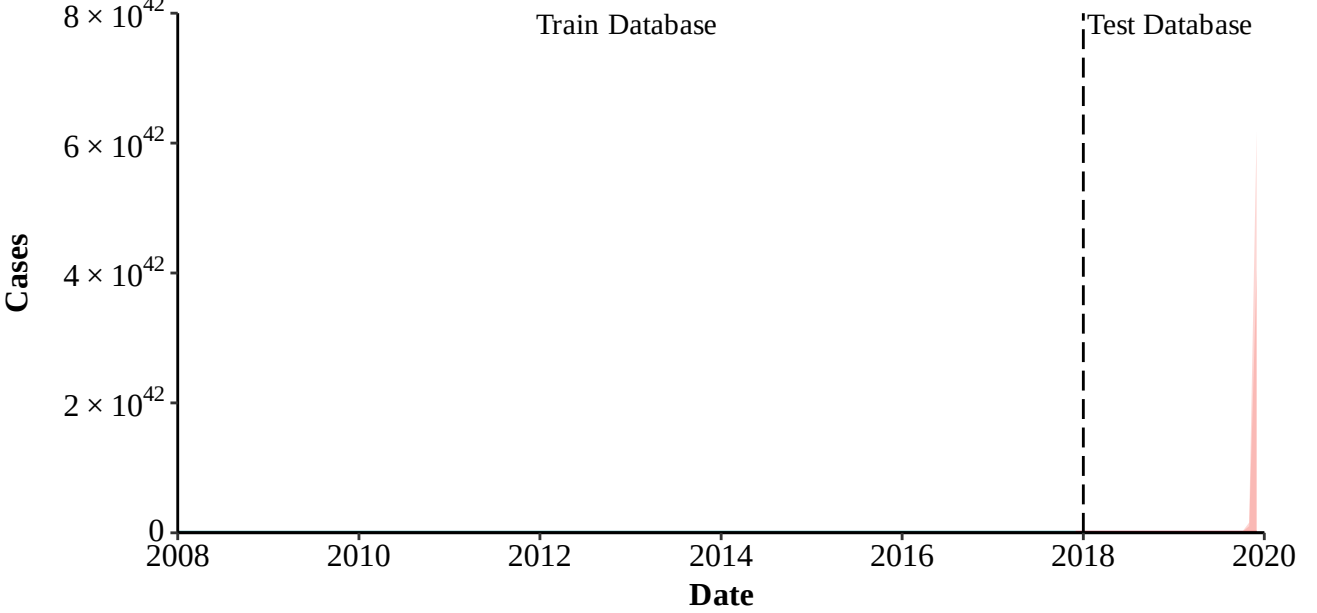


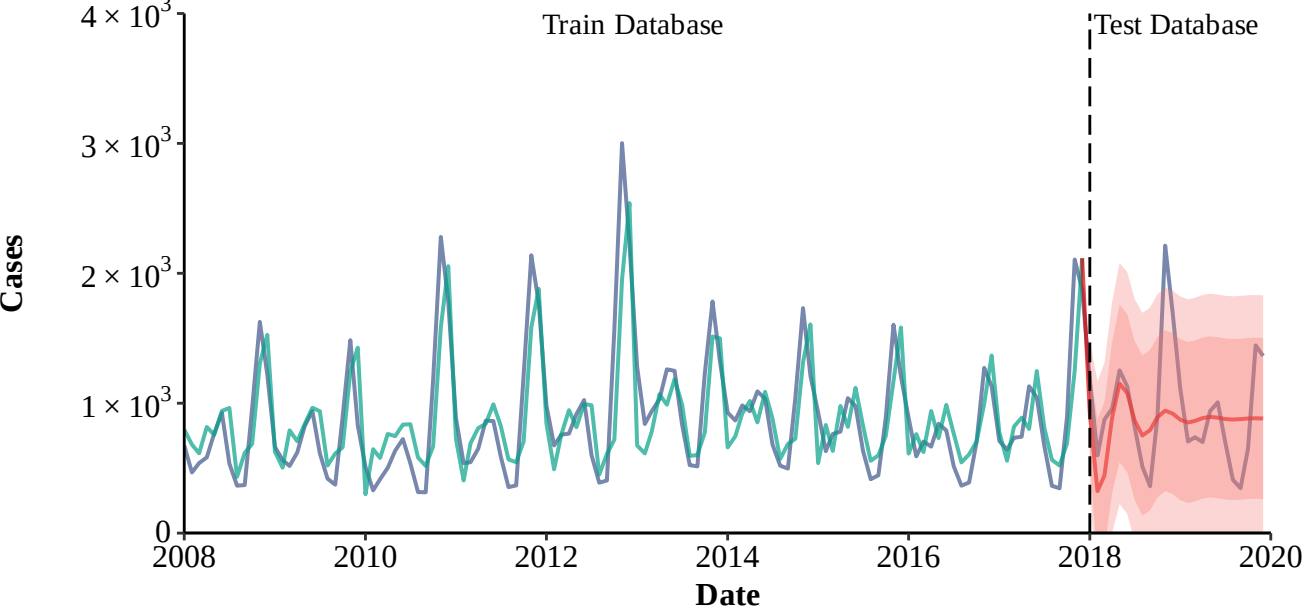
A: Neural Network



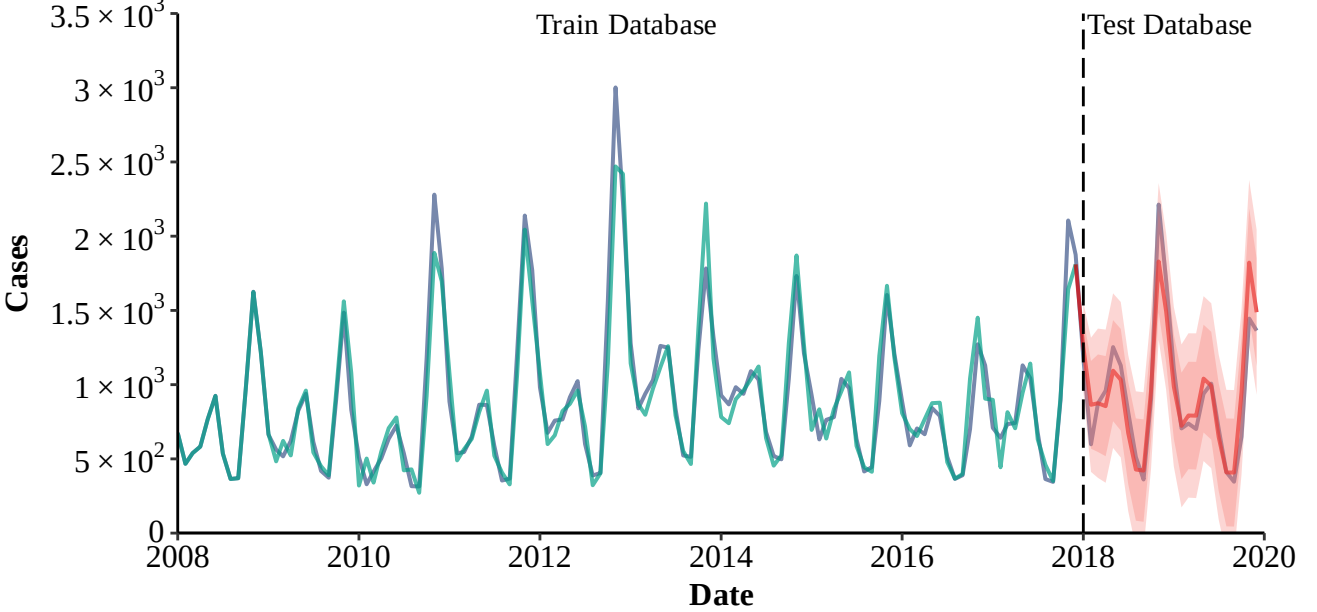
B: ETS



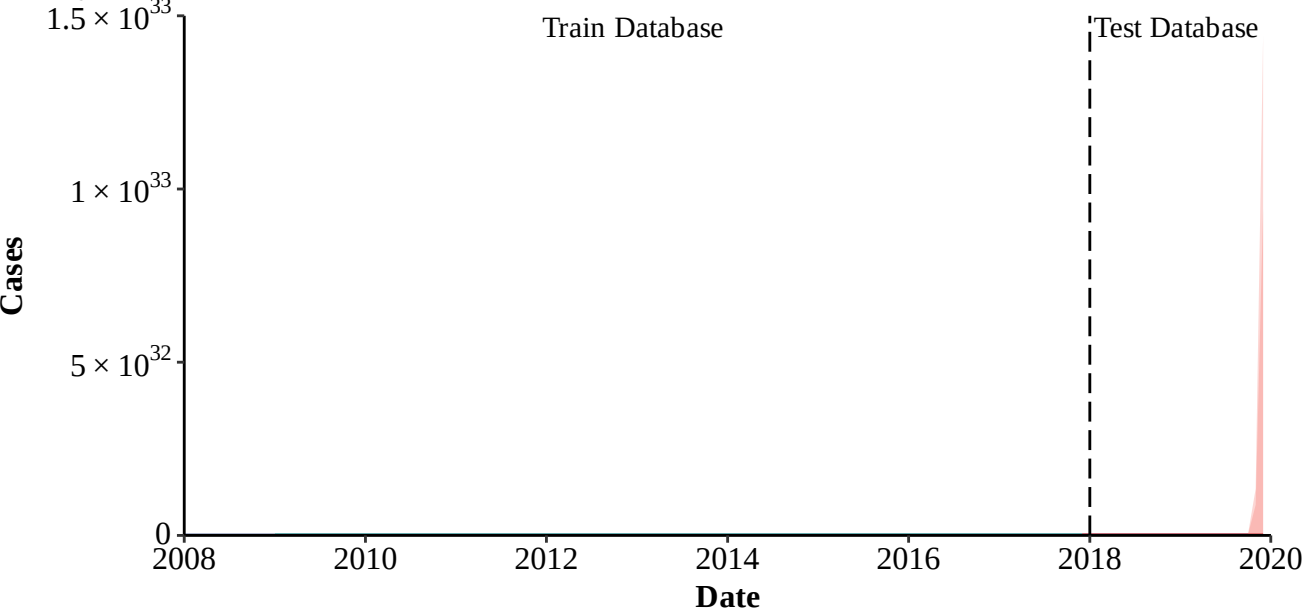
C: ARIMA



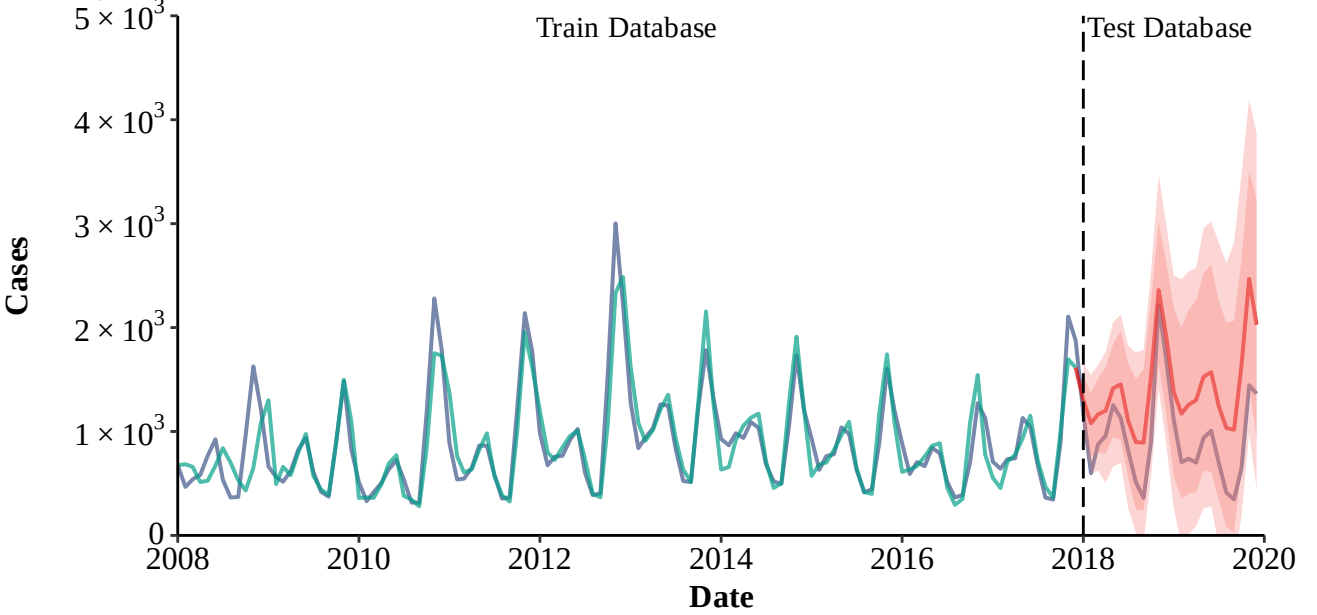
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

Method	Train	Test	Train and Test
Neural Network	141.87	177.84	149.06
ETS	129.12	369.98	191.59
ARIMA	282.62	412.57	308.11
SARIMA	141.38	162.81	145.17
Hybrid*	120.66	231.68	147.21
Bayesian Structural	216.17	527.23	292.01

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

I : R-squared of Models

Method	Train	Test	Train and Test
Neural Network	0.91	0.83	0.90
ETS	0.93	0.78	0.86
ARIMA	0.65	0.12	0.57
SARIMA	0.91	0.86	0.90
Hybrid*	0.94	0.85	0.91
Bayesian Structural	0.80	0.72	0.68

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

J : MAE of Models

Method	Train	Test	Train and Test
Neural Network	105.46	132.49	110.37
ETS	84.33	253.72	112.56
ARIMA	222.58	302.81	235.95
SARIMA	97.78	123.02	101.98
Hybrid*	82.61	174.53	99.32
Bayesian Structural	145.14	472.41	199.69

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