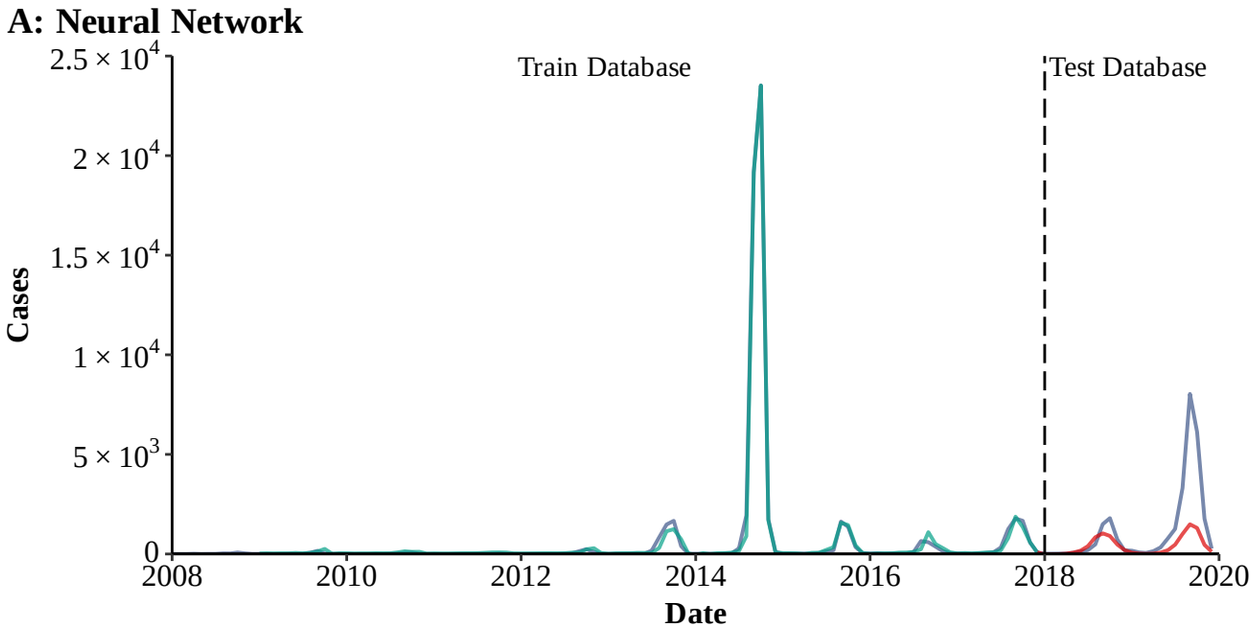

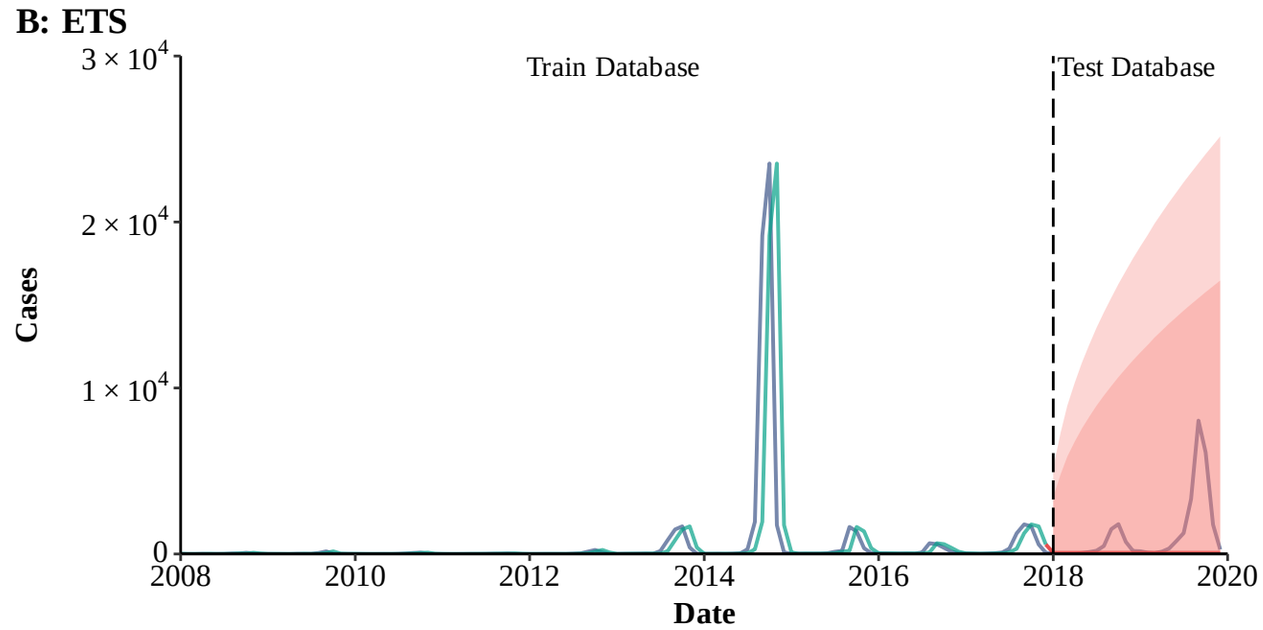

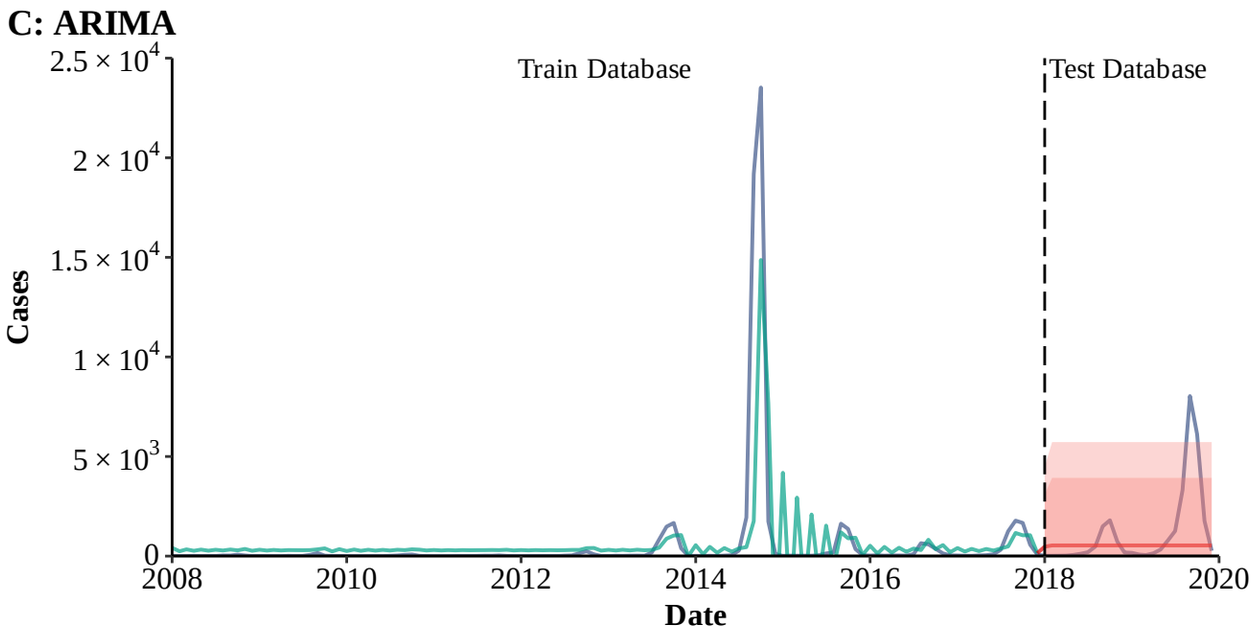

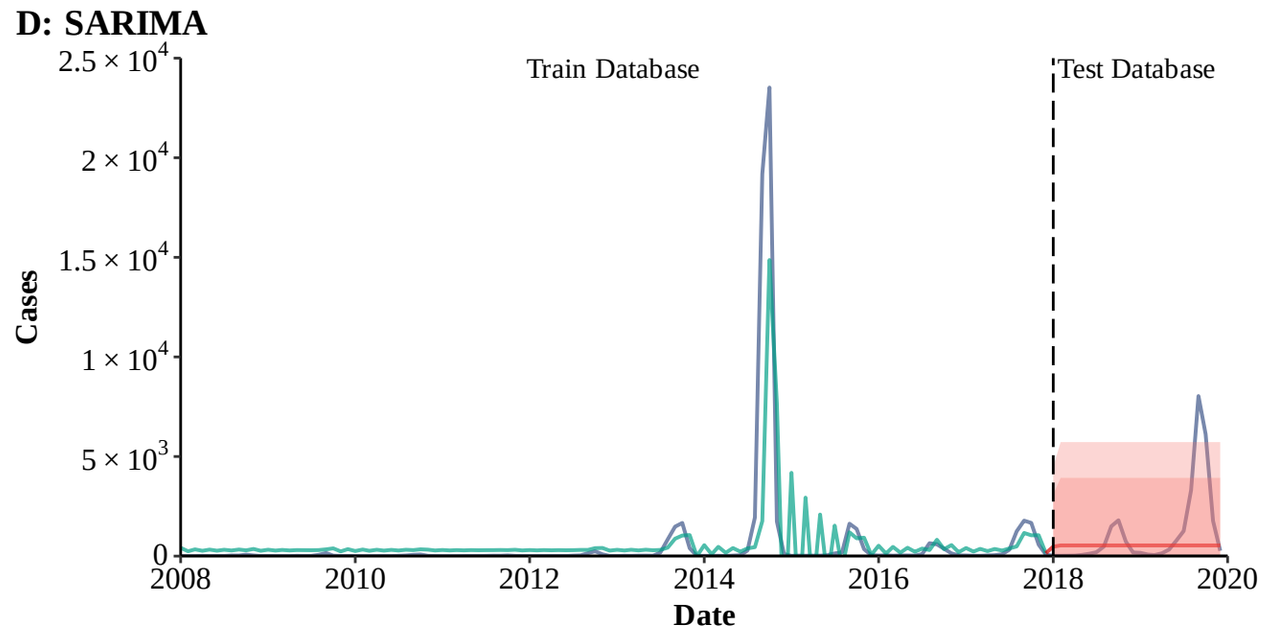

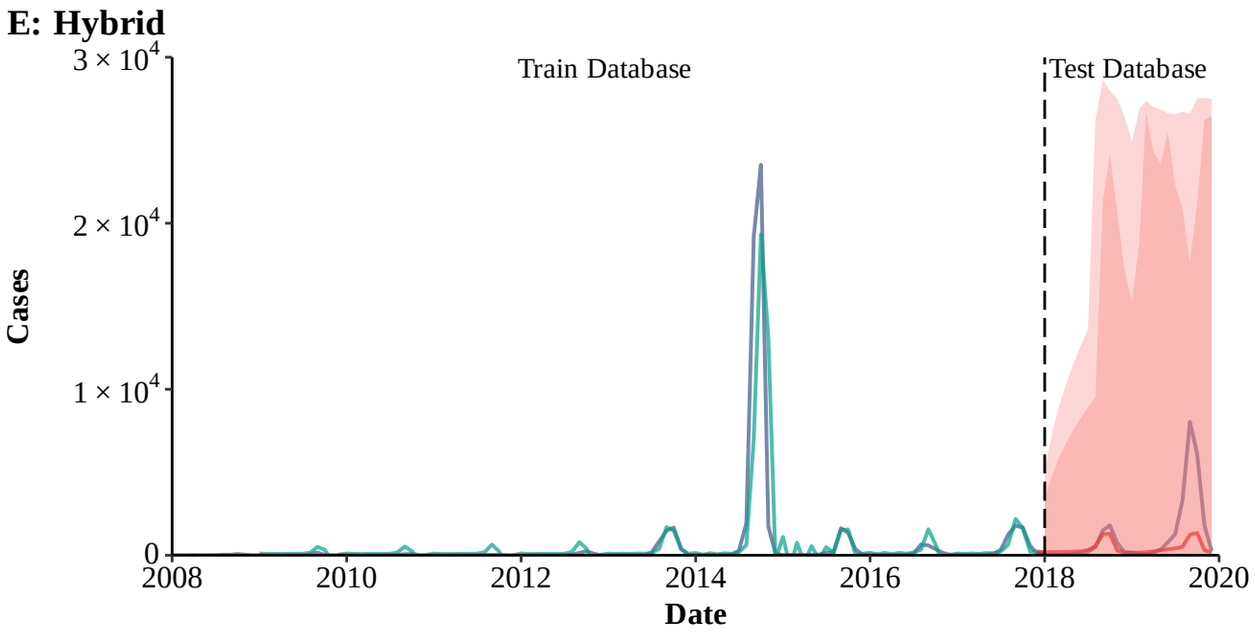

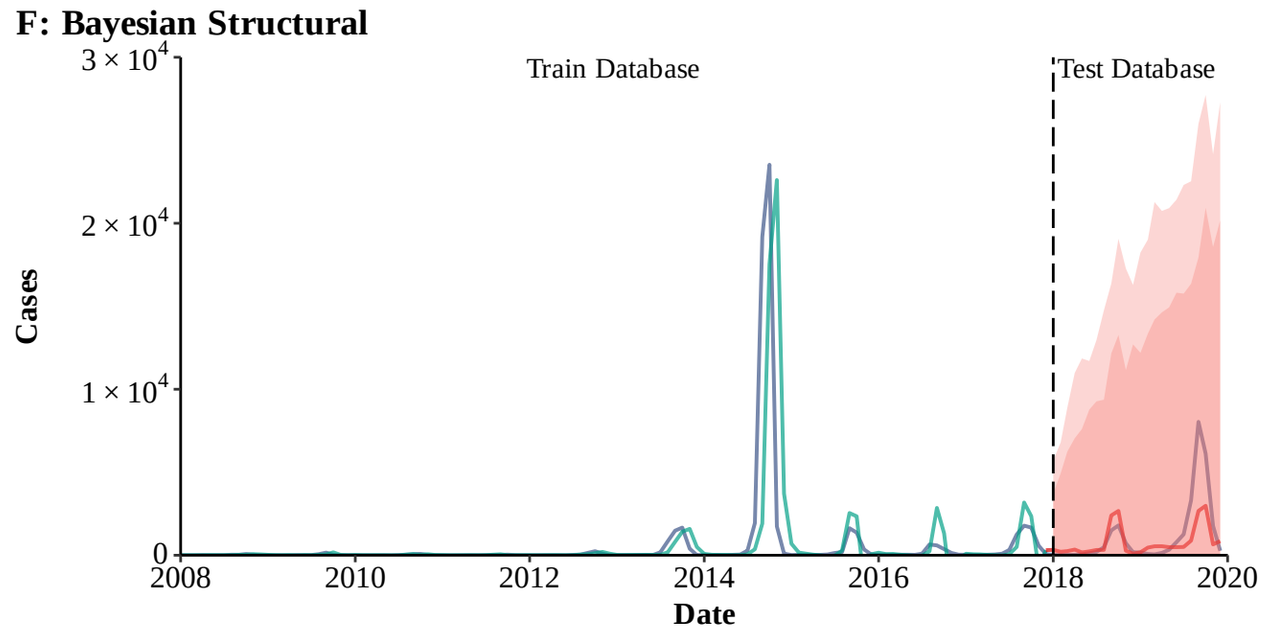

Fitted Forecasted Observed

H : RMSE of Models

Method	Train	Test	Train and Test
Neural Network	161.86	1772.76	769.96
ETS	2590.89	2245.46	2536.59
ARIMA	2027.00	2064.24	2033.25
SARIMA	2027.00	2064.24	2033.25
Hybrid*	1687.49	1833.29	1714.92
Bayesian Structural	2600.80	1436.46	2445.55

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

I : R-squared of Models

Method	Train	Test	Train and Test
Neural Network	1.00	0.74	0.93
ETS	0.31		0.27
ARIMA	0.47	0.01	0.42
SARIMA	0.47	0.01	0.42
Hybrid*	0.66	0.59	0.62
Bayesian Structural	0.29	0.62	0.30

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

J : MAE of Models

Method	Train	Test	Train and Test
Neural Network	77.68	810.53	210.93
ETS	496.96	1091.97	596.13
ARIMA	727.53	1096.4	789.01
SARIMA	727.53	1096.4	789.01
Hybrid*	455.13	828.95	523.09
Bayesian Structural	594.82	791.44	627.59

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