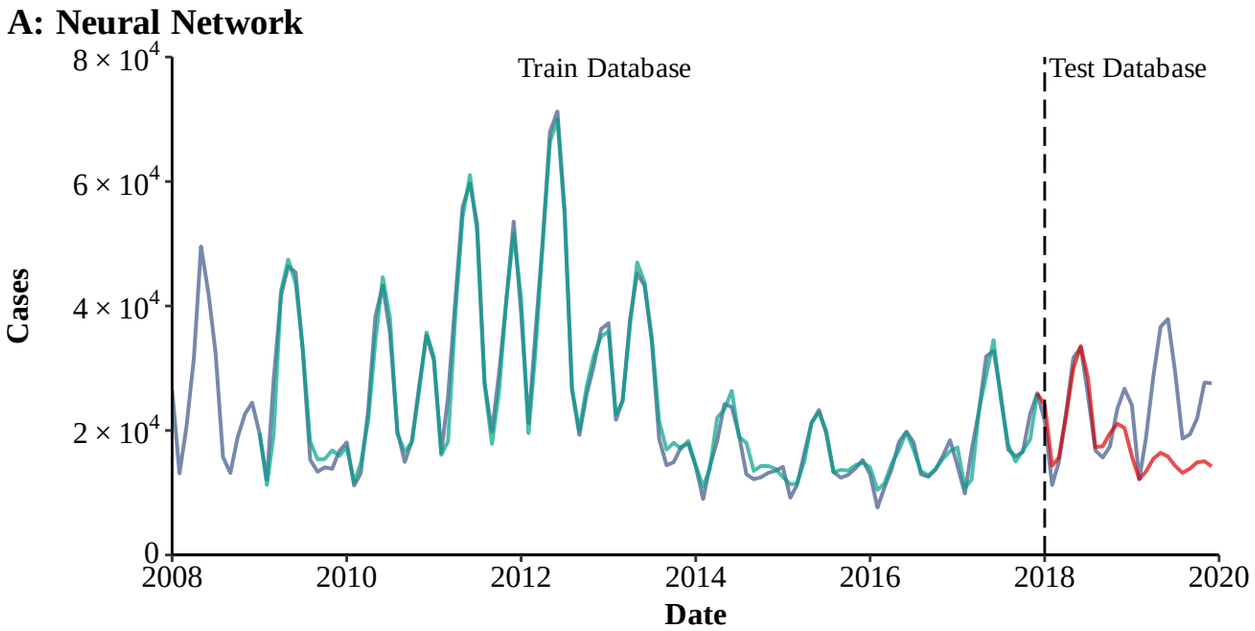

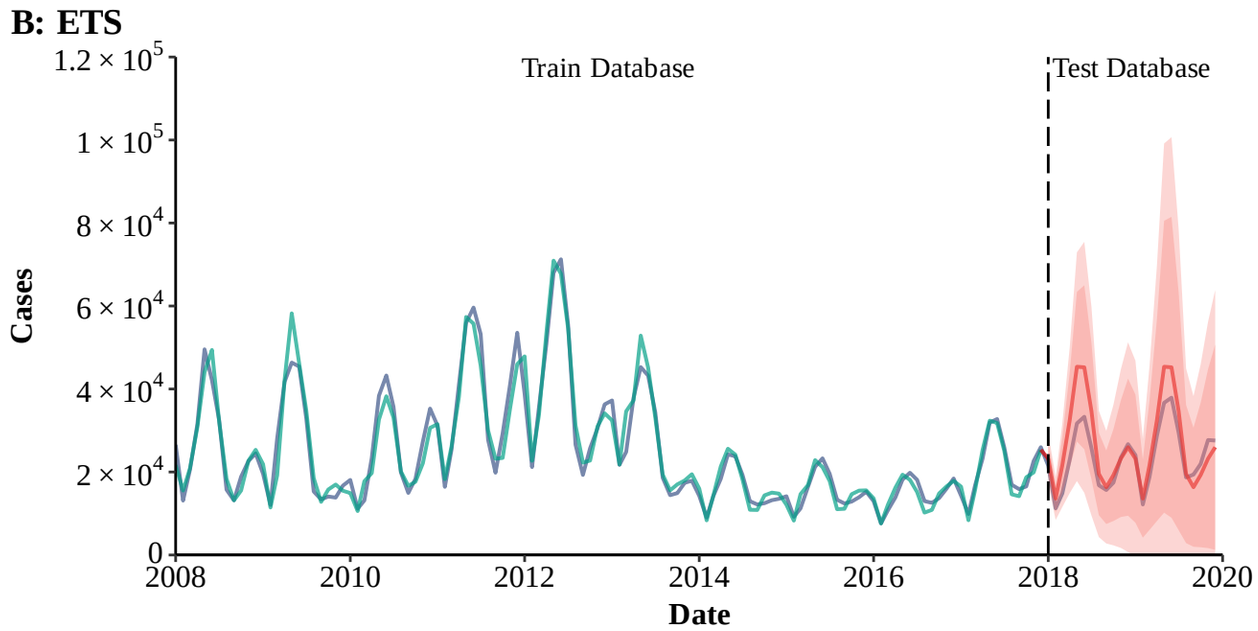

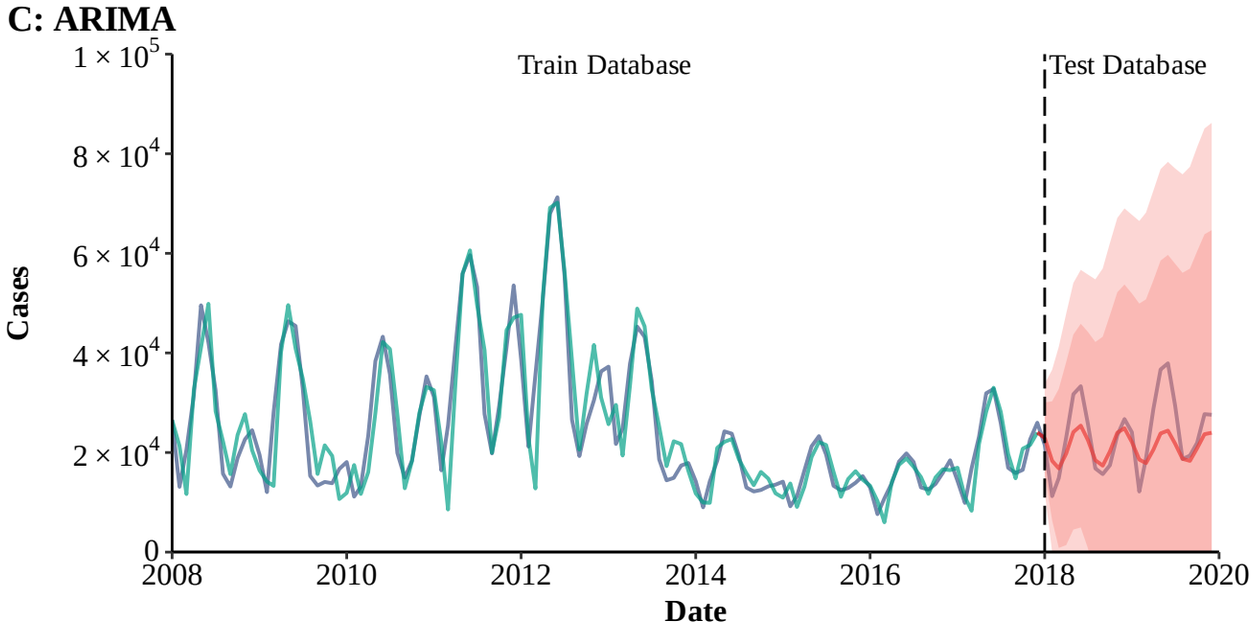

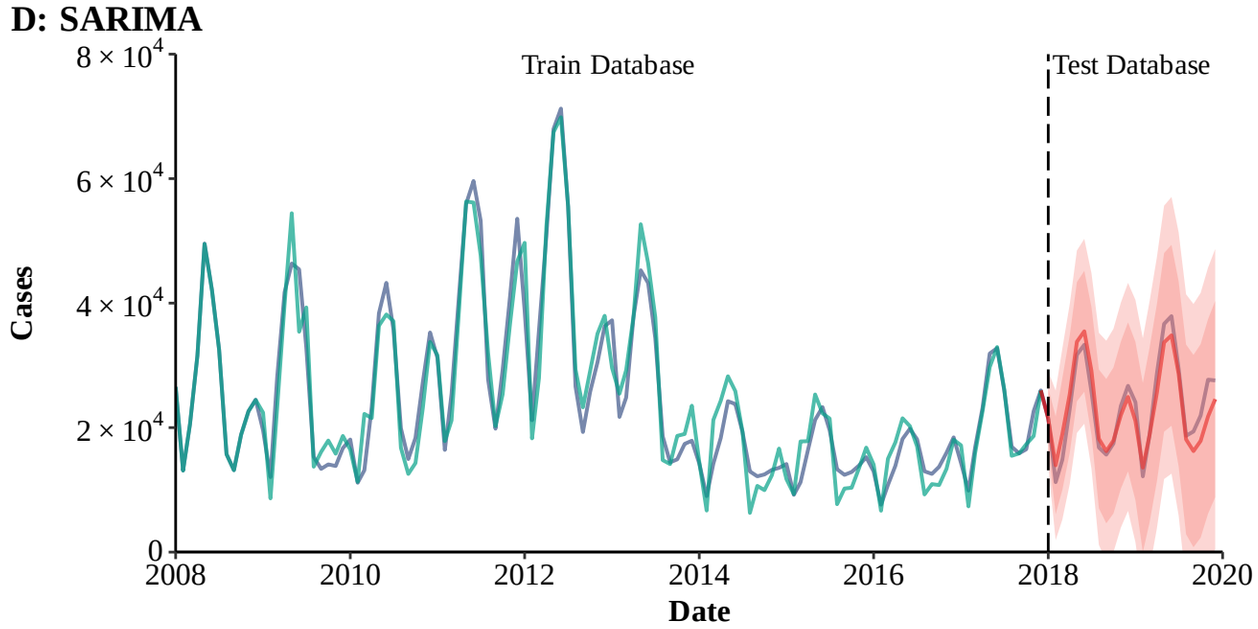

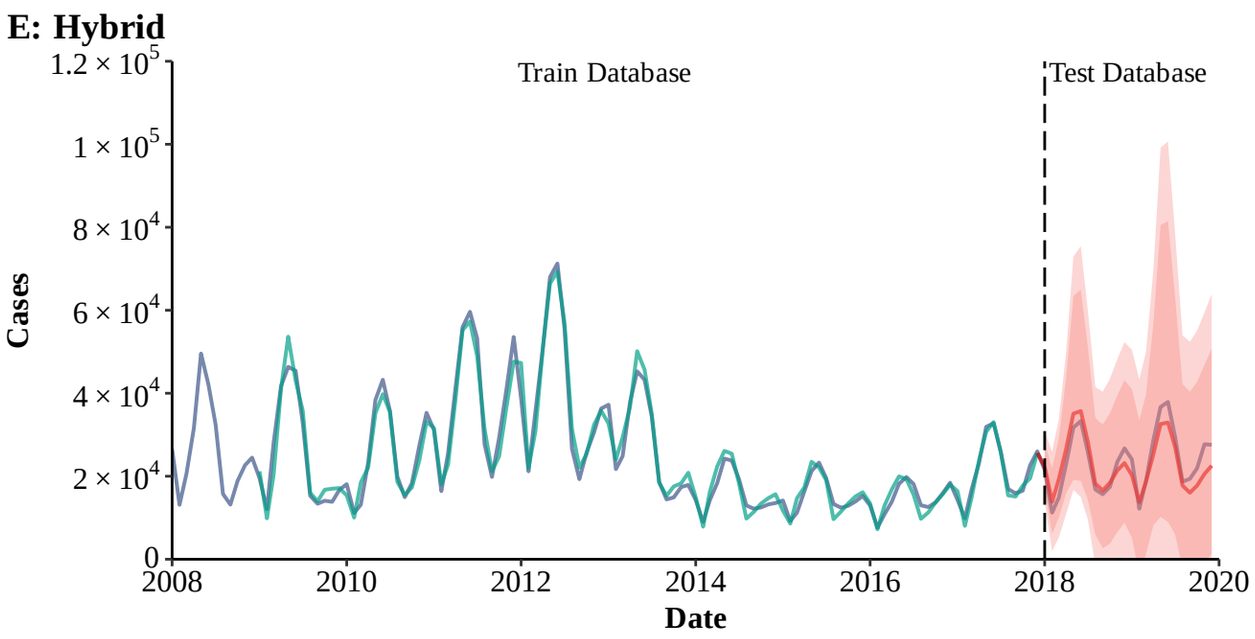

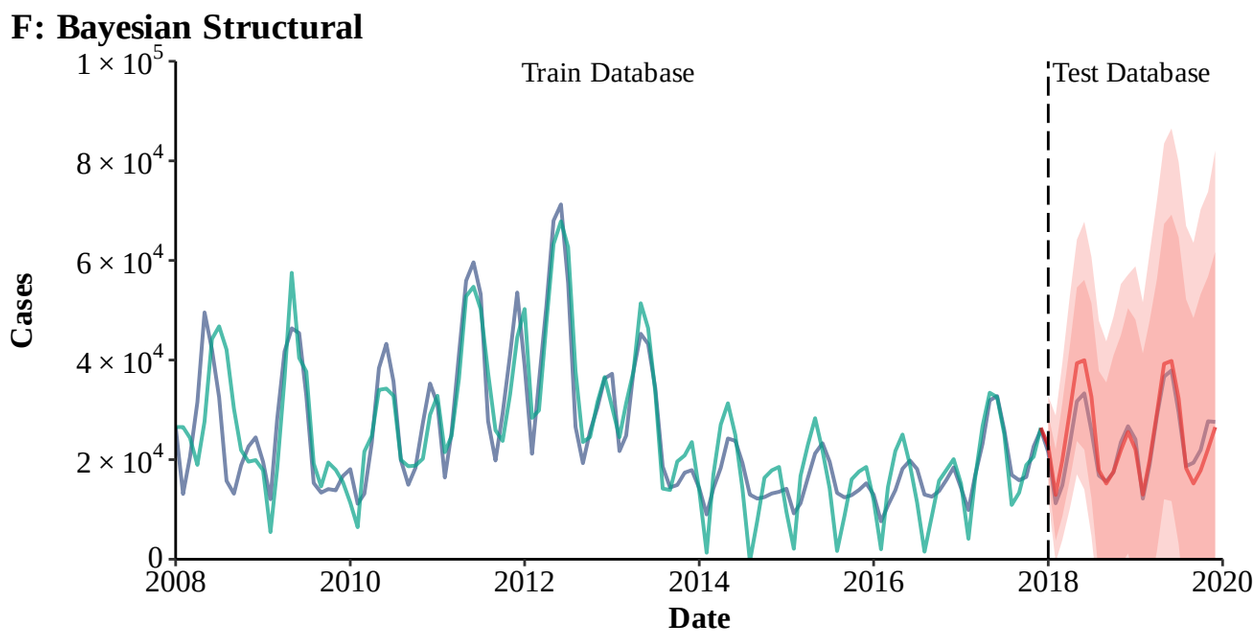

Fitted Forecasted Observed

H : RMSE of Models

Method	Train	Test	Train and Test
Neural Network	2004.86	8964.02	4230.65
ETS	3255.45	5718.86	3779.22
ARIMA	5420.23	5643.82	5458.13
SARIMA	3556.41	2648.94	3421.92
Hybrid*	2642.80	3327.97	2779.97
Bayesian Structural	6632.00	3640.51	6233.92

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

I : R-squared of Models

Method	Train	Test	Train and Test
Neural Network	0.98	0.13	0.90
ETS	0.94	0.82	0.92
ARIMA	0.84	0.69	0.82
SARIMA	0.93	0.87	0.93
Hybrid*	0.96	0.80	0.95
Bayesian Structural	0.78	0.84	0.78

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

J : MAE of Models

Method	Train	Test	Train and Test
Neural Network	1428.40	6389.77	2330.47
ETS	2388.29	4321.38	2710.47
ARIMA	3916.38	4260.69	3973.76
SARIMA	2654.05	2242.12	2585.39
Hybrid*	2046.71	2903.32	2202.45
Bayesian Structural	5113.20	2791.98	4726.33

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