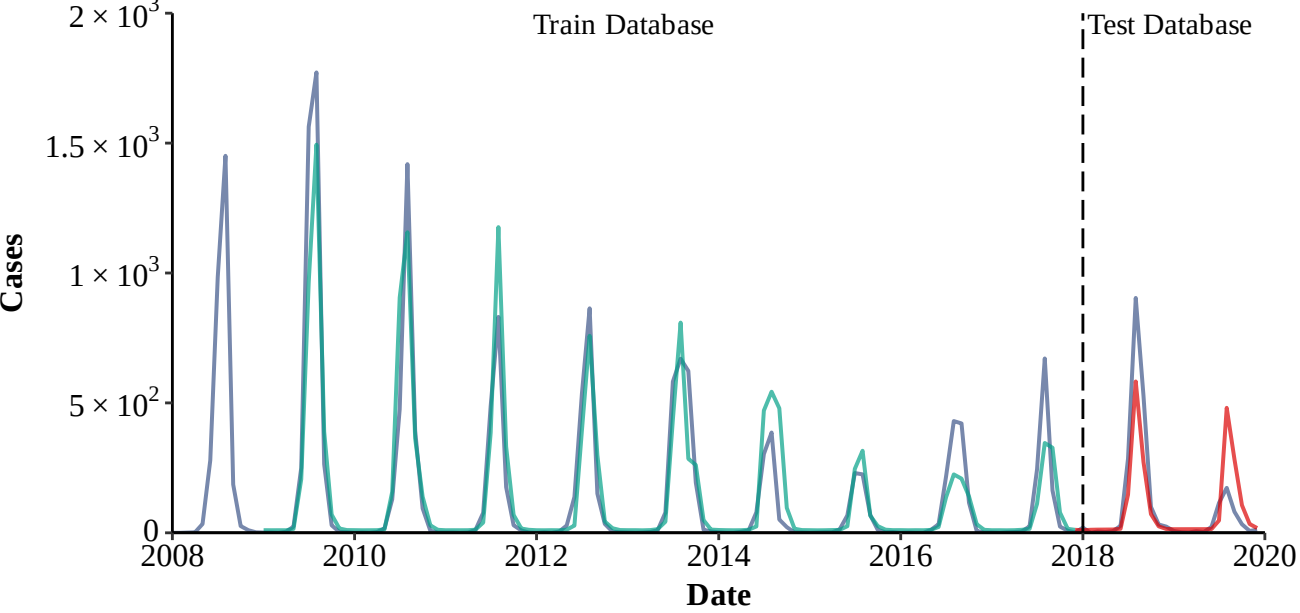
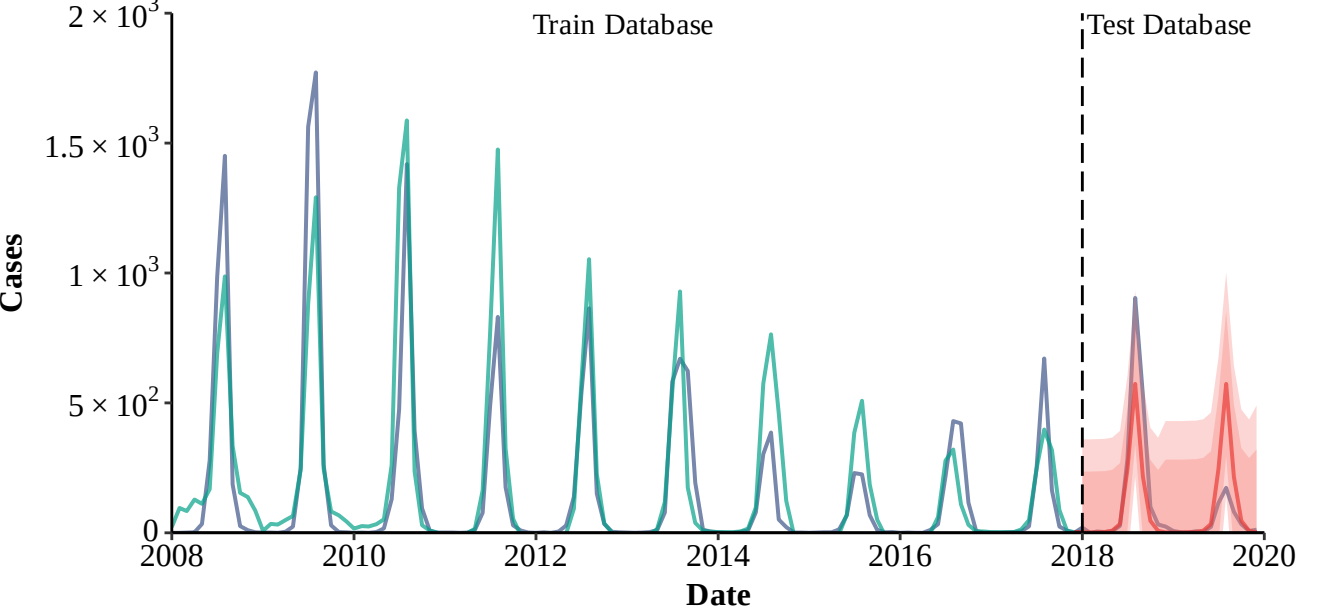


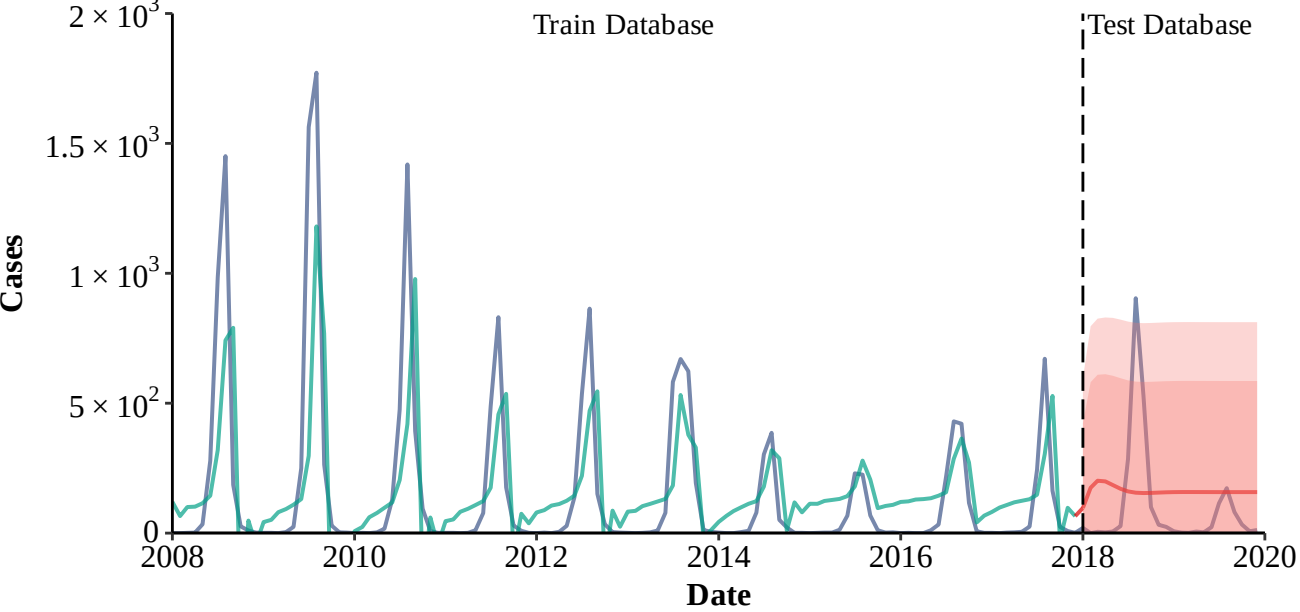
A: Neural Network



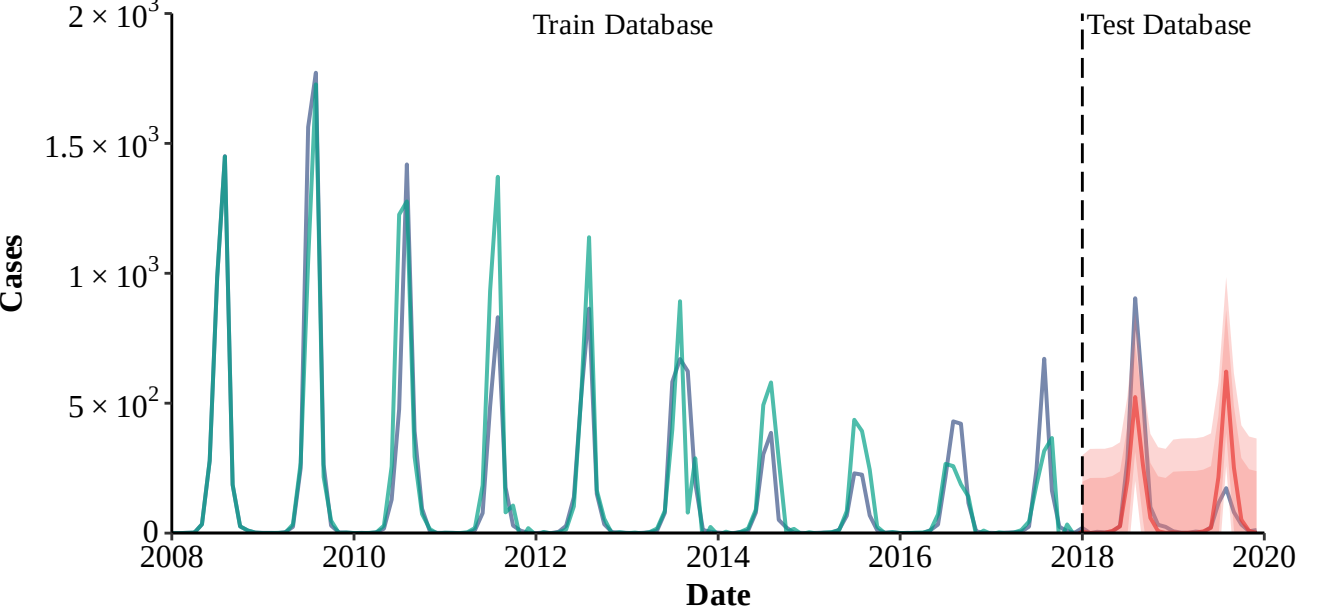
B: ETS



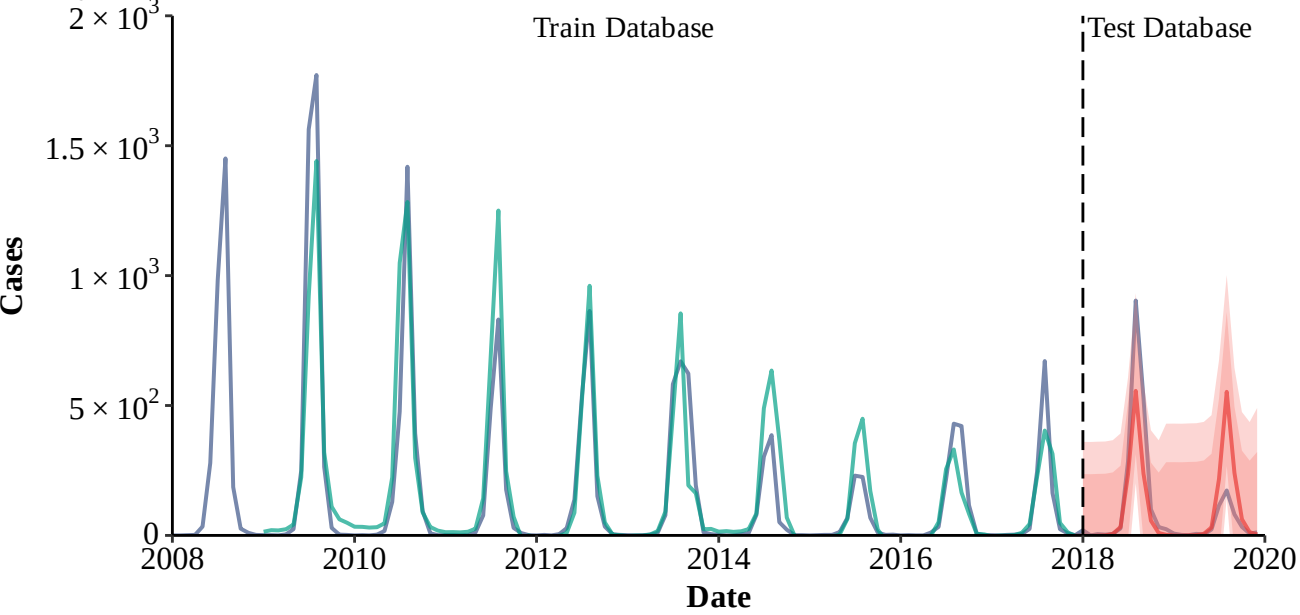
C: ARIMA



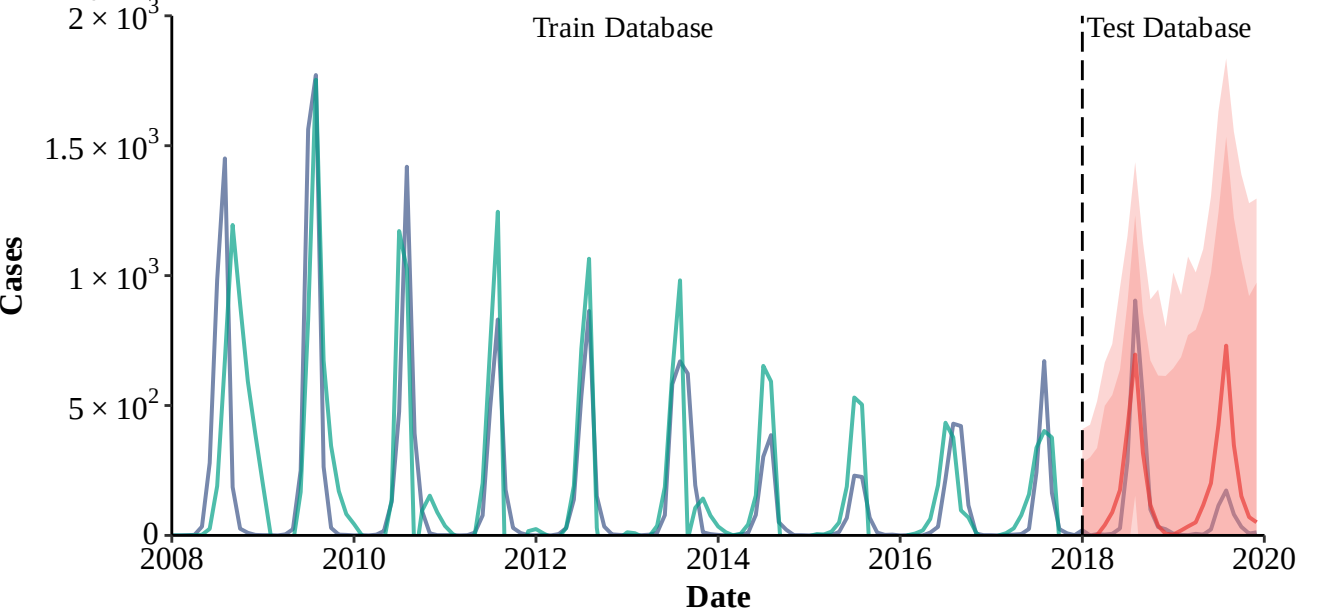
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

Method	Train	Test	Train and Test
Neural Network	121.90	118.35	121.26
ETS	171.80	130.49	165.63
ARIMA	249.00	216.24	243.84
SARIMA	140.36	139.35	140.19
Hybrid*	130.71	127.79	130.19
Bayesian Structural	252.57	168.31	240.59

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

I : R-squared of Models

Method	Train	Test	Train and Test
Neural Network	0.85	0.67	0.83
ETS	0.75	0.59	0.74
ARIMA	0.43	0.01	0.39
SARIMA	0.84	0.54	0.82
Hybrid*	0.83	0.61	0.81
Bayesian Structural	0.53	0.53	0.52

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

J : MAE of Models

Method	Train	Test	Train and Test
Neural Network	61.72	64.98	62.31
ETS	88.30	63.78	84.22
ARIMA	159.25	166.13	160.40
SARIMA	60.64	67.04	61.71
Hybrid*	63.78	63.60	63.75
Bayesian Structural	147.68	109.64	141.34

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