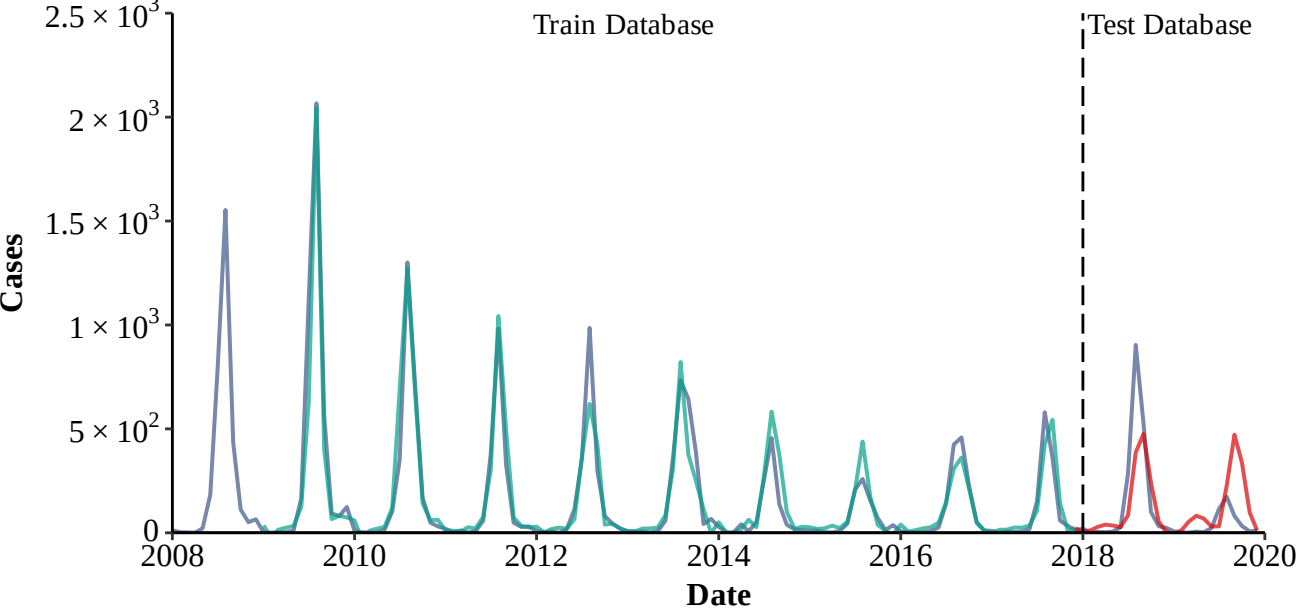
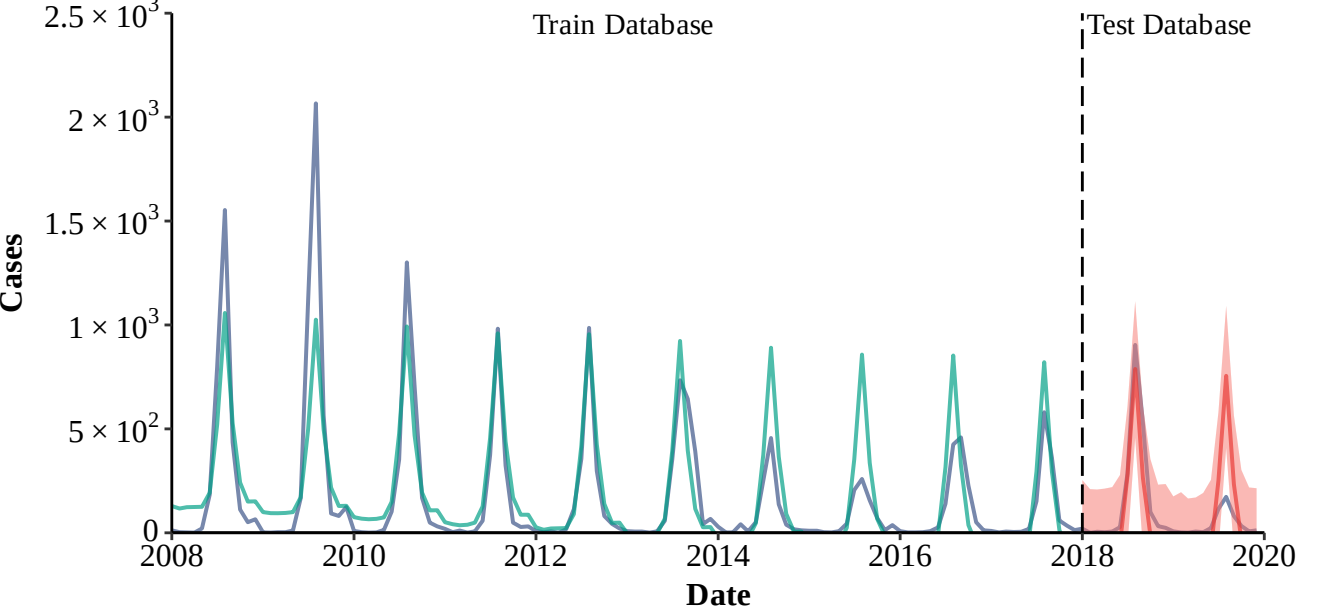


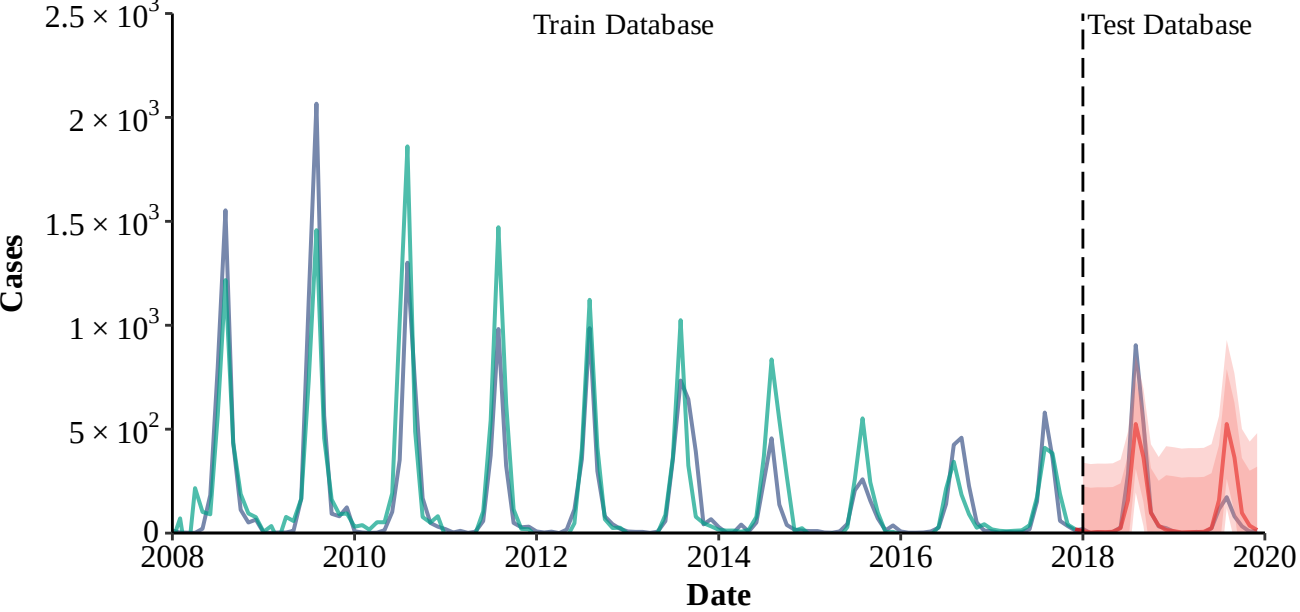
A: Neural Network



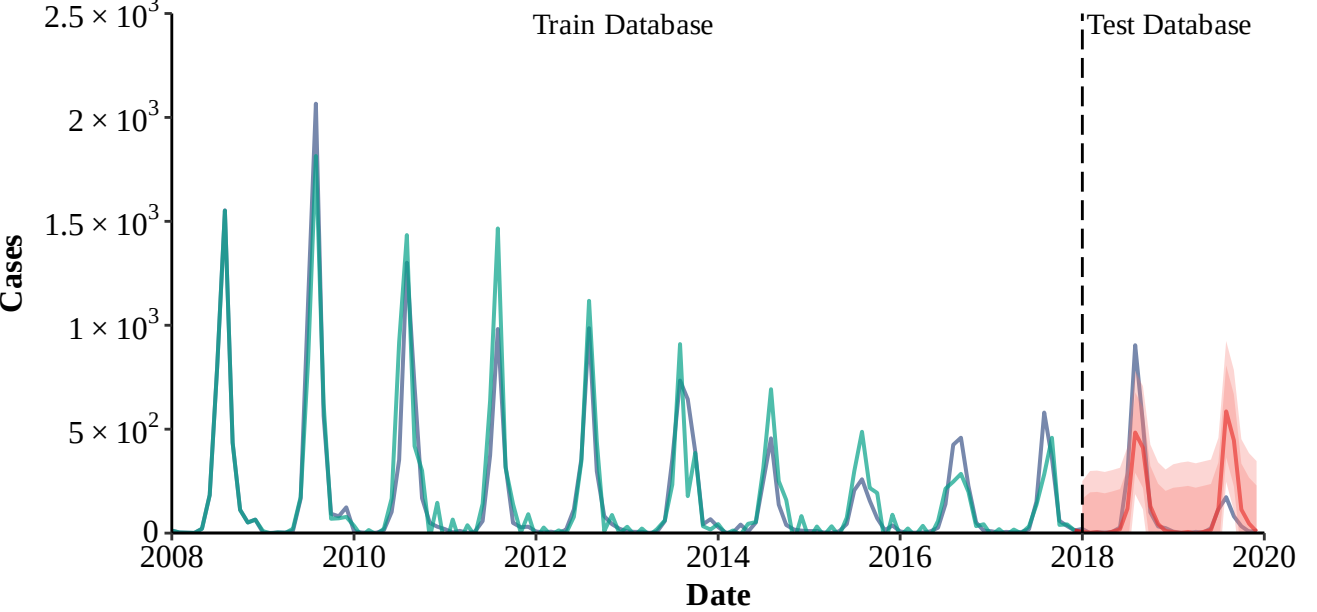
B: Prophet



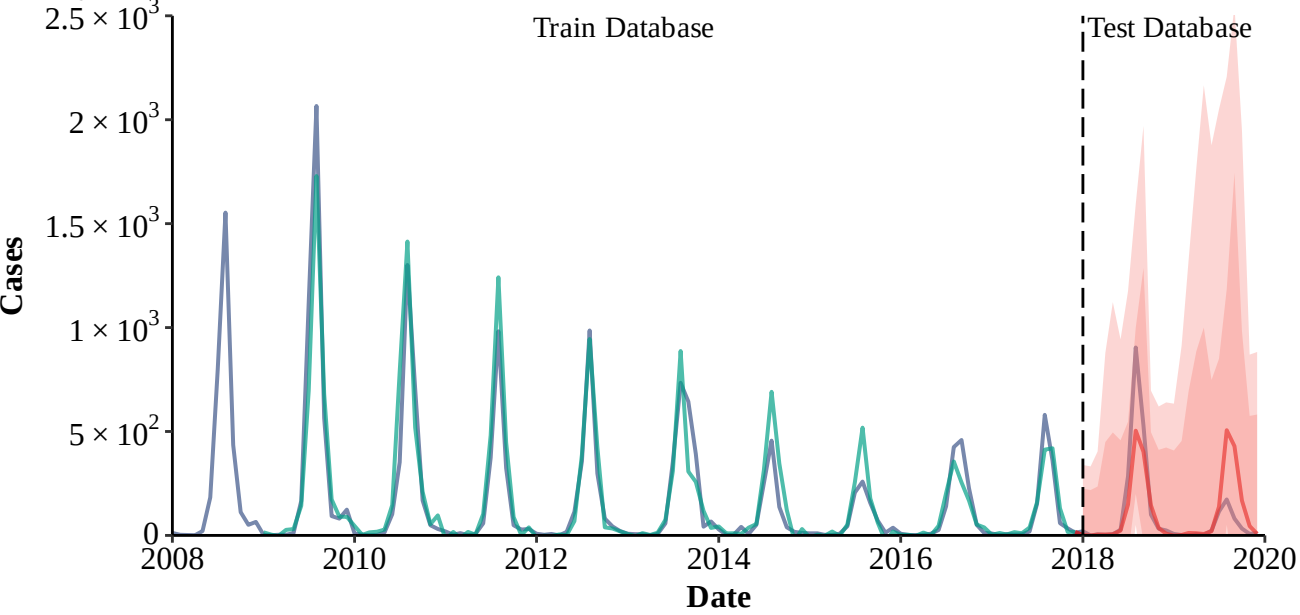
C: ETS



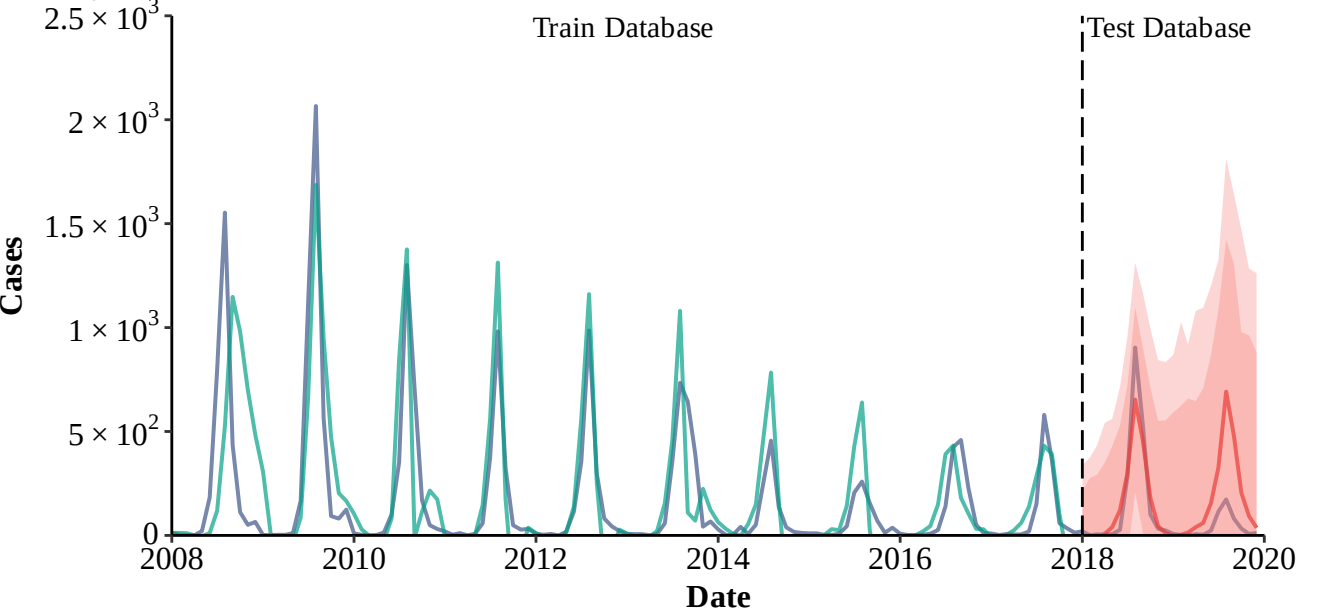
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

G : RMSE of Models

Method	Train	Test	All
Neural Network	92.50	159.76	107.89
Prophet	173.93	182.40	175.37
ETS	157.73	128.70	153.27
SARIMA	116.70	148.78	122.63
Hybrid*	102.42	136.92	109.50
Bayesian Structural	240.71	160.70	229.32

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

H : SMAPE of Models

Method	Train	Test	All
Neural Network	74.51	116.08	82.06
Prophet	115.31	165.91	123.74
ETS	99.12	57.26	92.14
SARIMA	93.50	82.76	91.71
Hybrid*	82.39	76.13	81.25
Bayesian Structural	122.15	118.34	121.51

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

I : MASE of Models

Method	Train	Test	All
Neural Network	0.33	1.05	0.41
Prophet	0.66	0.95	0.72
ETS	0.54	0.69	0.50
SARIMA	0.32	0.77	0.36
Hybrid*	0.37	0.79	0.40
Bayesian Structural	0.89	0.81	0.74

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

J : R-squared of Models

Method	Train	Test	All
Neural Network	0.91	0.40	0.87
Prophet	0.72	0.63	0.69
ETS	0.79	0.60	0.78
SARIMA	0.88	0.49	0.86
Hybrid*	0.89	0.56	0.86
Bayesian Structural	0.56	0.55	0.56

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