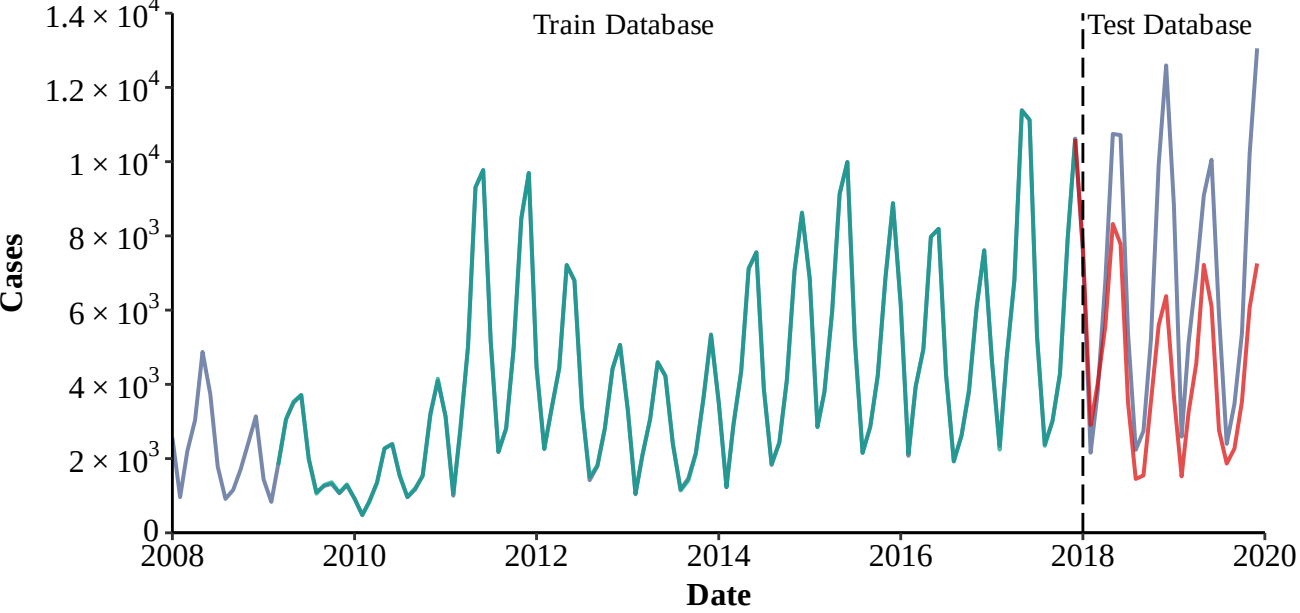
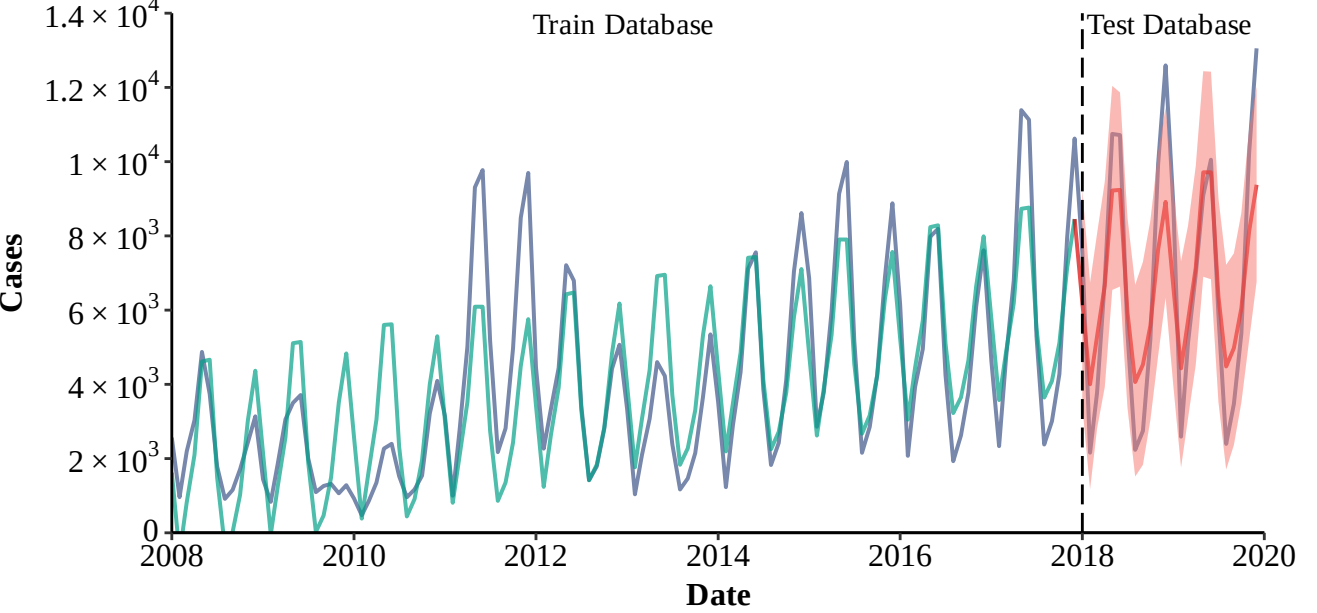


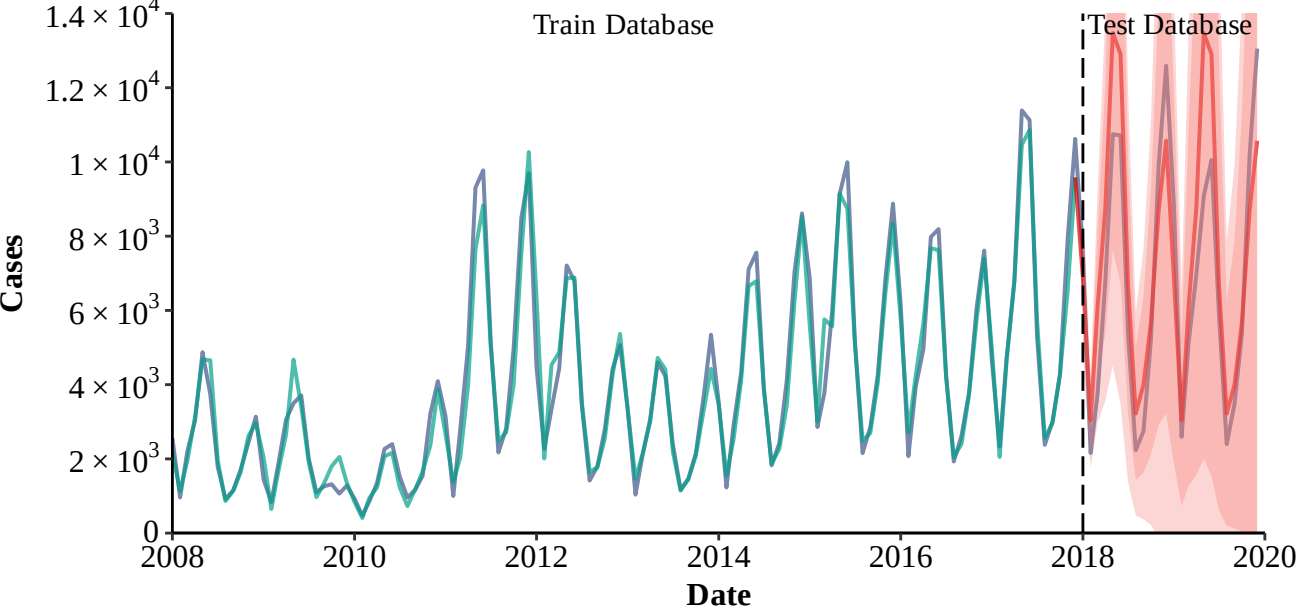
A: Neural Network



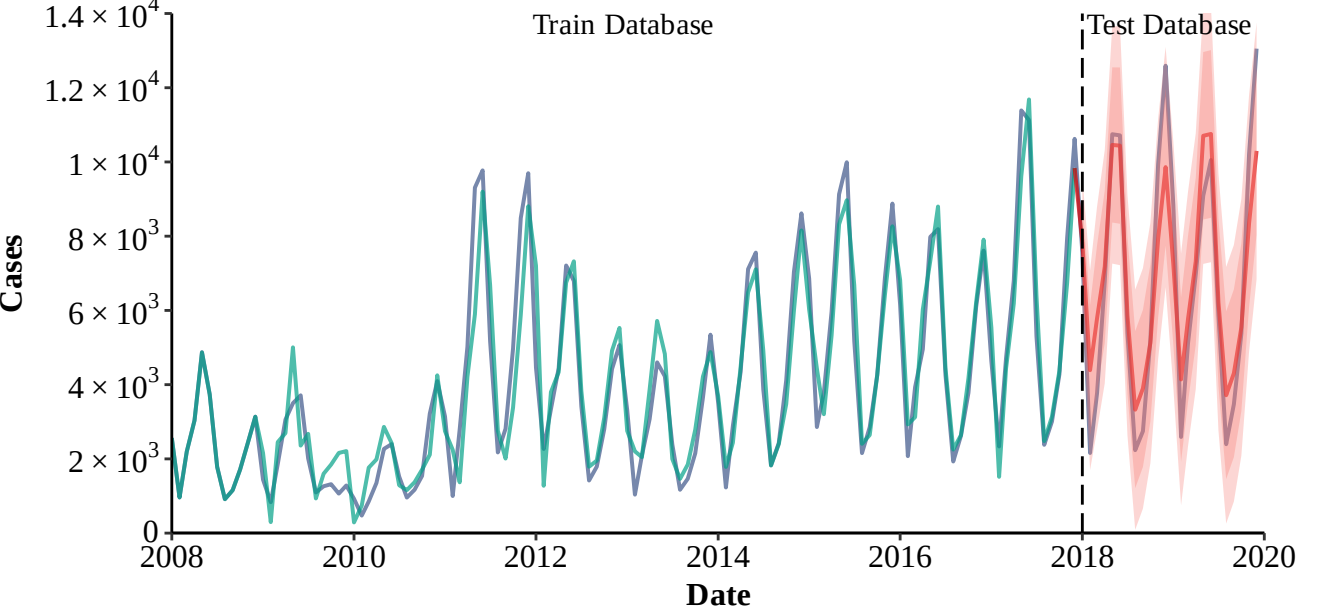
B: Prophet



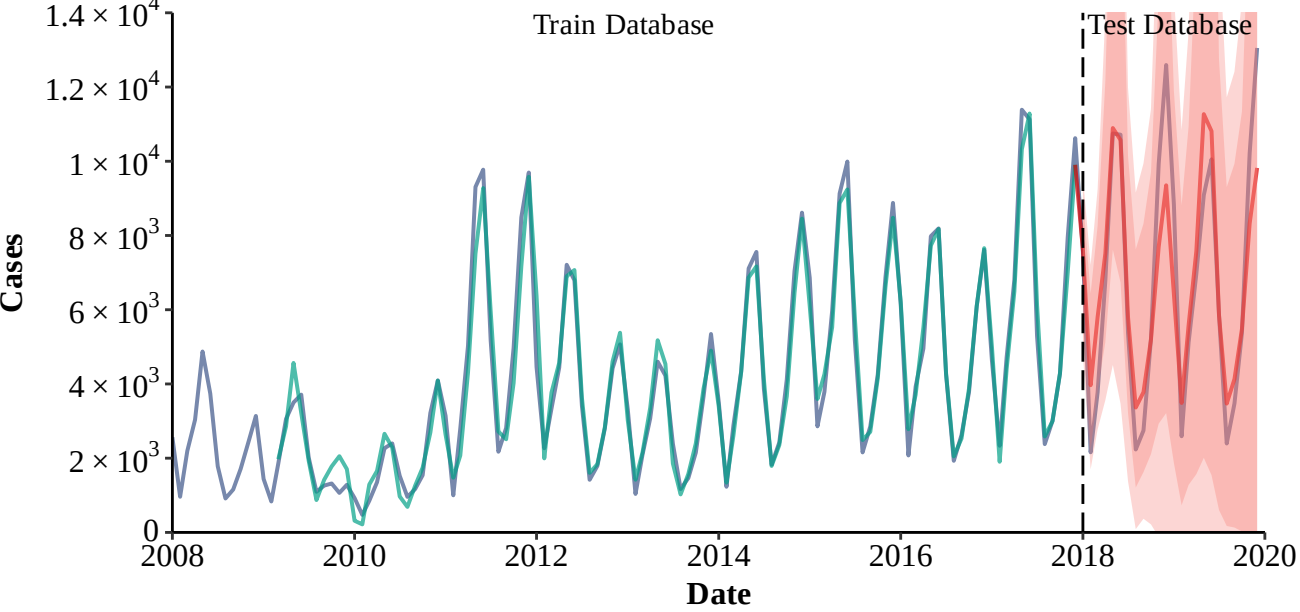
C: ETS



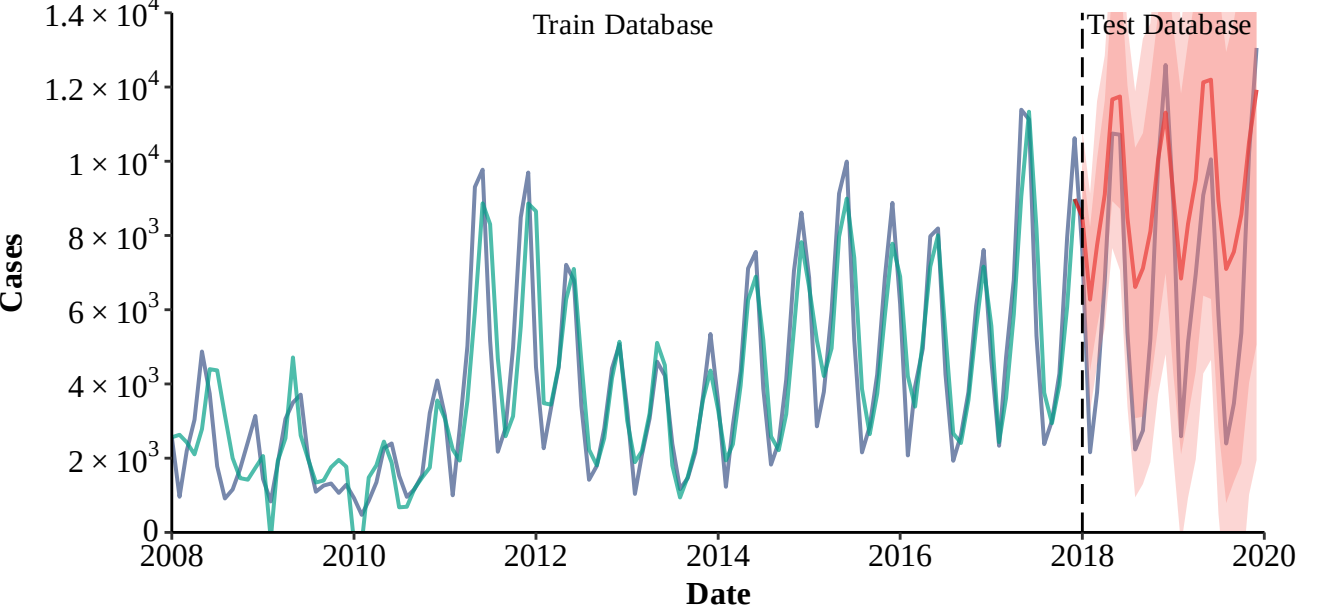
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

H : RMSE of Models

Method	Train	Test	All
Neural Network	29.04	2915.36	1252.92
Prophet	1374.66	1735.82	1441.15
ETS	552.93	1810.59	895.07
SARIMA	828.28	1383.70	943.83
Hybrid*	508.99	1502.46	792.46
Bayesian Structural	1181.05	2937.22	1612.54

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

I : SMAPE of Models

Method	Train	Test	All
Neural Network	0.93	41.46	8.41
Prophet	37.43	25.25	35.40
ETS	10.99	22.29	12.87
SARIMA	19.34	19.98	19.45
Hybrid*	12.93	19.23	14.09
Bayesian Structural	29.16	41.84	31.27

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

J : MASE of Models

Method	Train	Test	All
Neural Network	0.01	1.26	0.25
Prophet	0.63	0.89	0.69
ETS	0.23	0.52	0.32
SARIMA	0.37	0.52	0.40
Hybrid*	0.22	0.50	0.29
Bayesian Structural	0.52	1.58	0.81

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

K : R-squared of Models

Method	Train	Test	All
Neural Network	1.00	0.76	0.85
Prophet	0.73	0.88	0.77
ETS	0.96	0.77	0.91
SARIMA	0.90	0.88	0.90
Hybrid*	0.97	0.82	0.93
Bayesian Structural	0.80	0.88	0.74

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