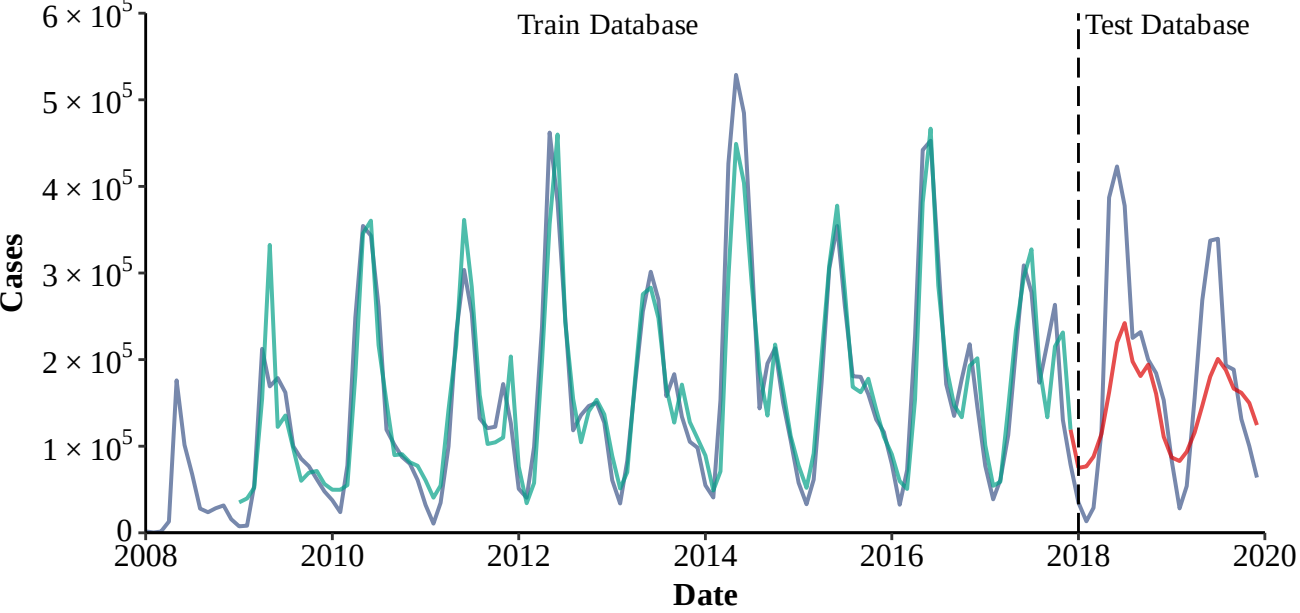
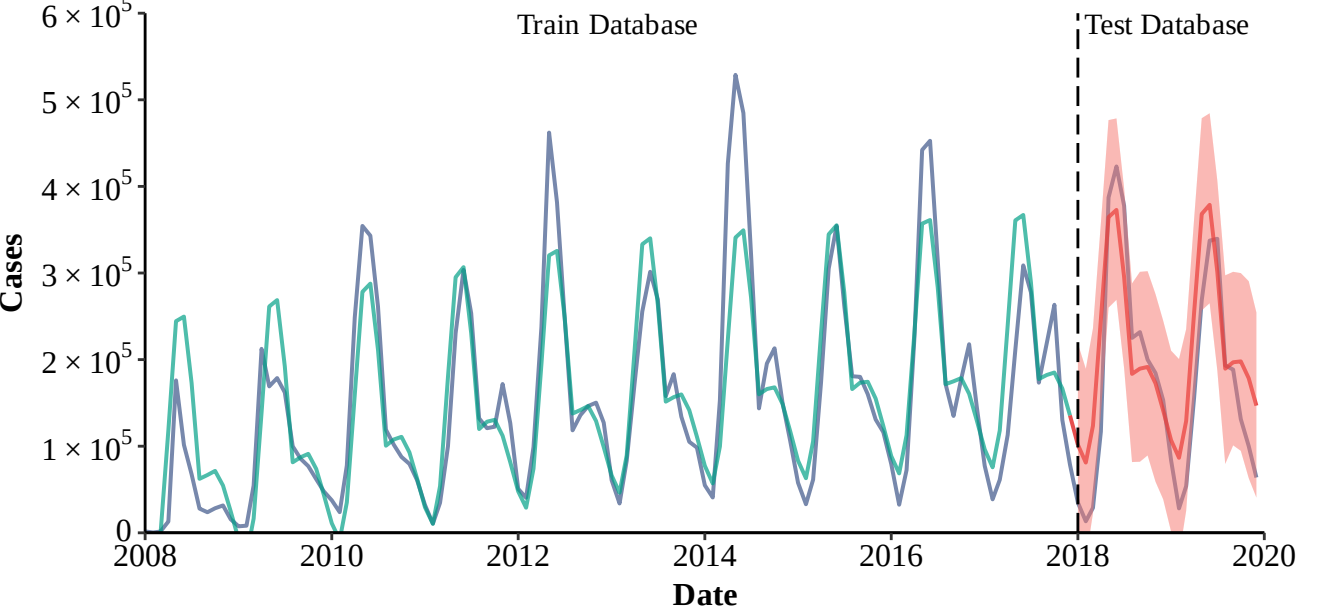


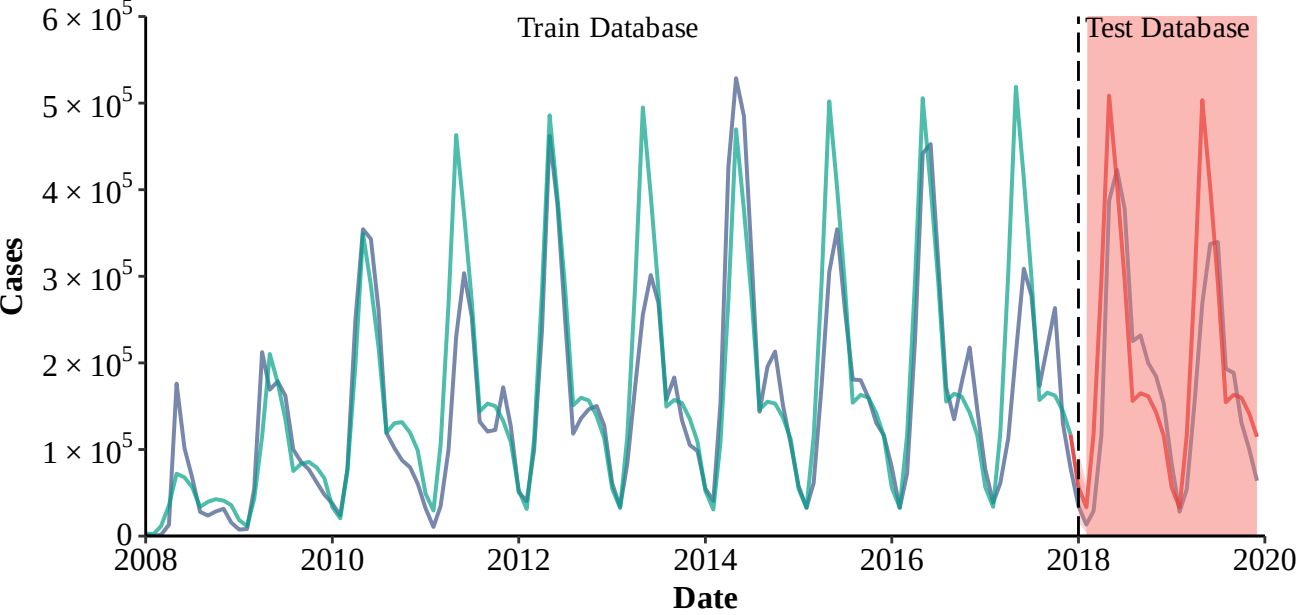
A: Neural Network



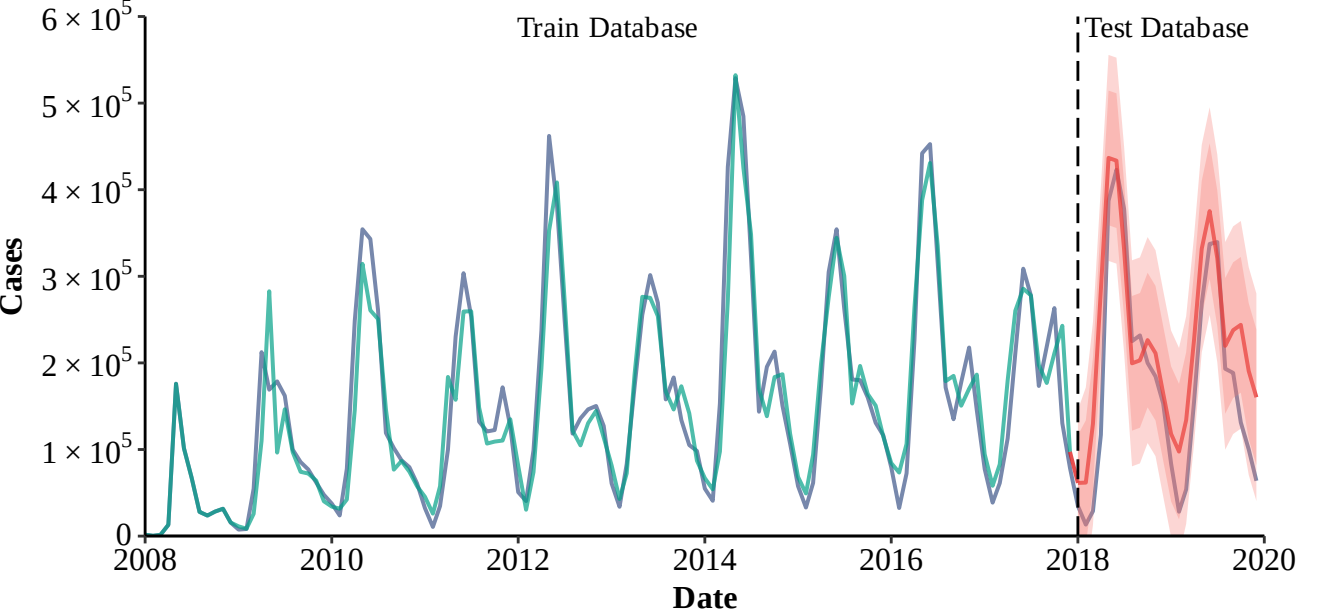
B: Prophet



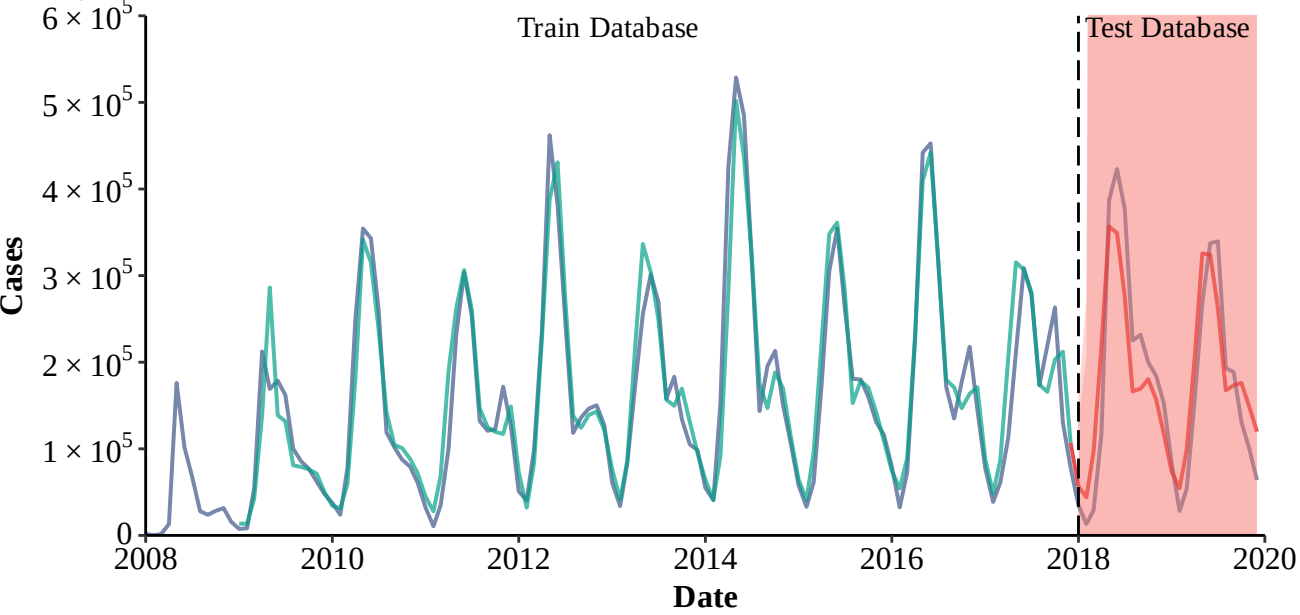
C: ETS



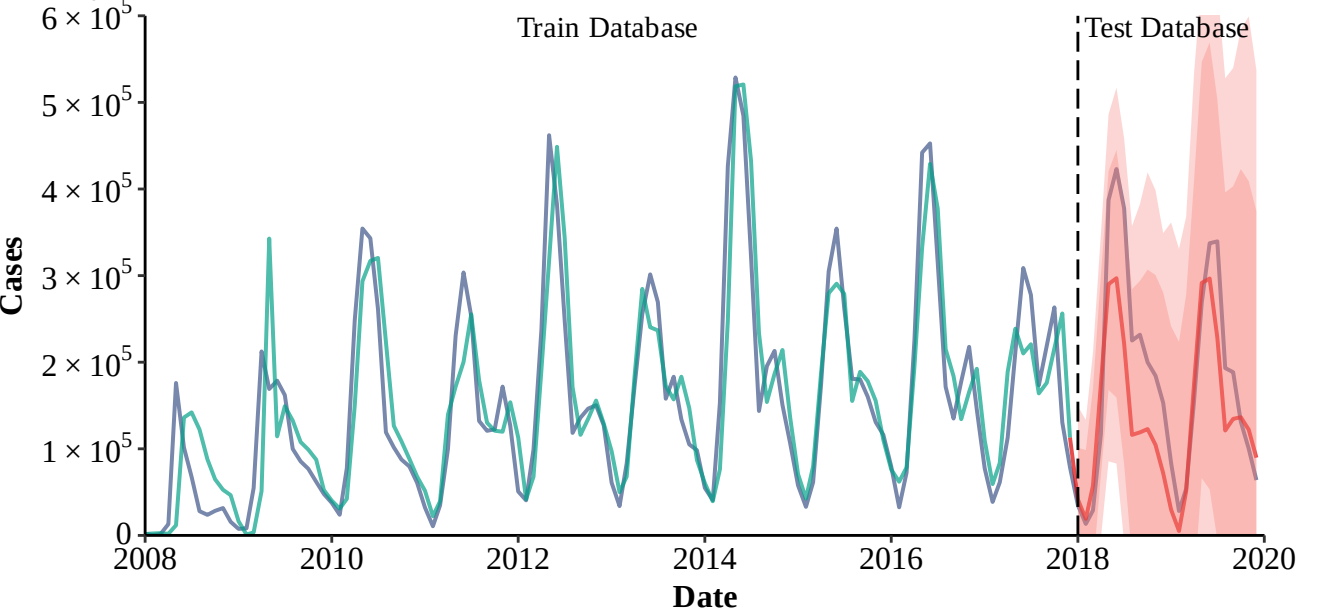
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

G : RMSE of Models

Method	Train	Test	All
Neural Network	42054.20	90746.16	54260.93
Prophet	54985.69	64025.13	56592.62
ETS	65710.49	83976.67	69091.03
SARIMA	39120.68	66372.18	44828.20
Hybrid*	37023.00	52398.12	40257.63
Bayesian Structural	55740.98	72179.57	58800.75

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

H : SMAPE of Models

Method	Train	Test	All
Neural Network	24.90	45.38	28.63
Prophet	37.33	43.02	38.28
ETS	28.98	40.52	30.90
SARIMA	19.86	42.92	23.70
Hybrid*	18.66	35.80	21.78
Bayesian Structural	34.94	42.77	36.24

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

I : MASE of Models

Method	Train	Test	All
Neural Network	0.49	2.81	0.66
Prophet	0.65	1.08	0.83
ETS	0.68	0.79	0.65
SARIMA	0.49	0.97	0.57
Hybrid*	0.41	0.92	0.51
Bayesian Structural	0.68	1.18	0.80

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

J : R-squared of Models

Method	Train	Test	All
Neural Network	0.87	0.72	0.79
Prophet	0.78	0.79	0.77
ETS	0.75	0.66	0.74
SARIMA	0.89	0.84	0.86
Hybrid*	0.90	0.84	0.88
Bayesian Structural	0.77	0.79	0.75

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