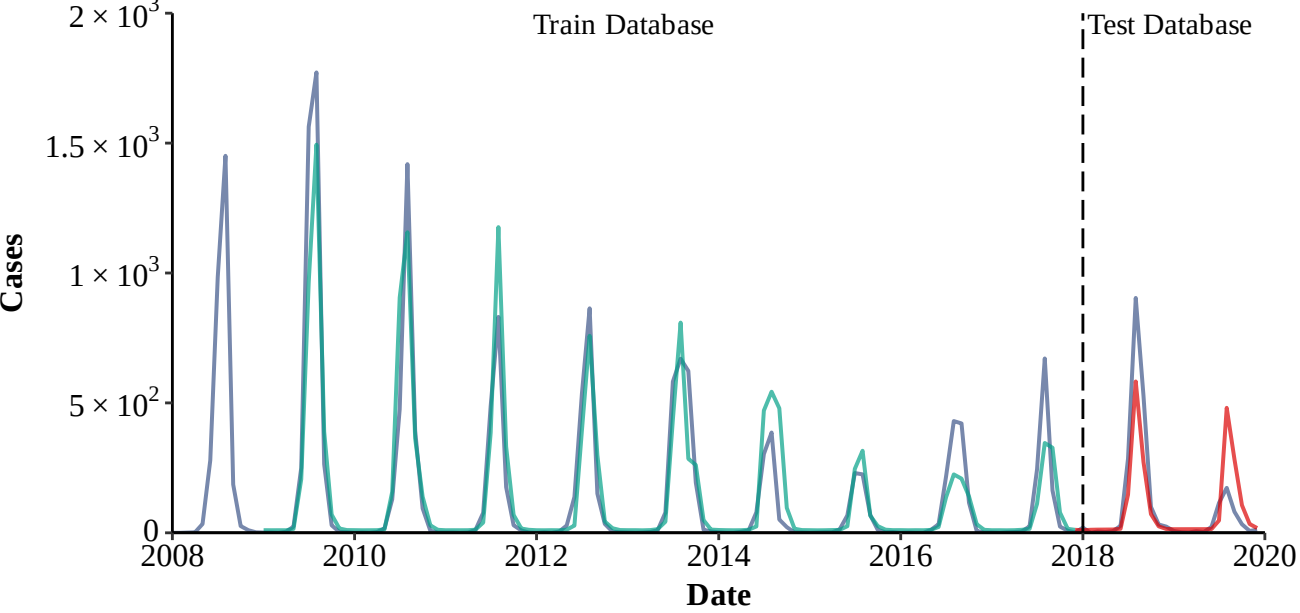
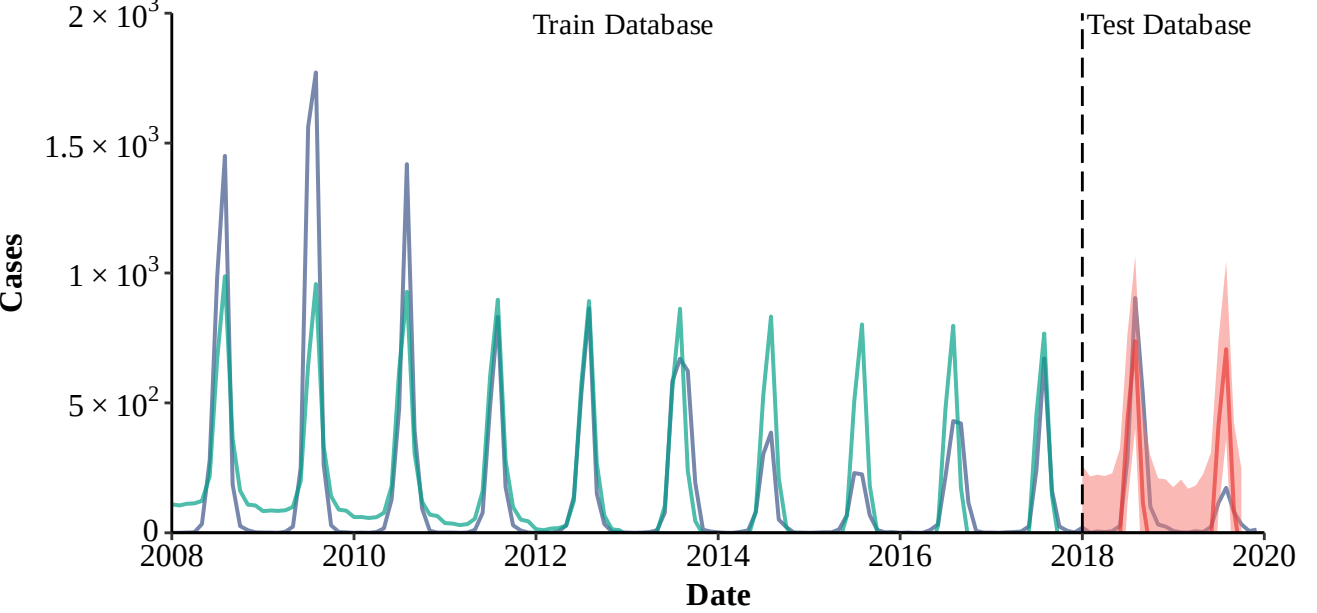


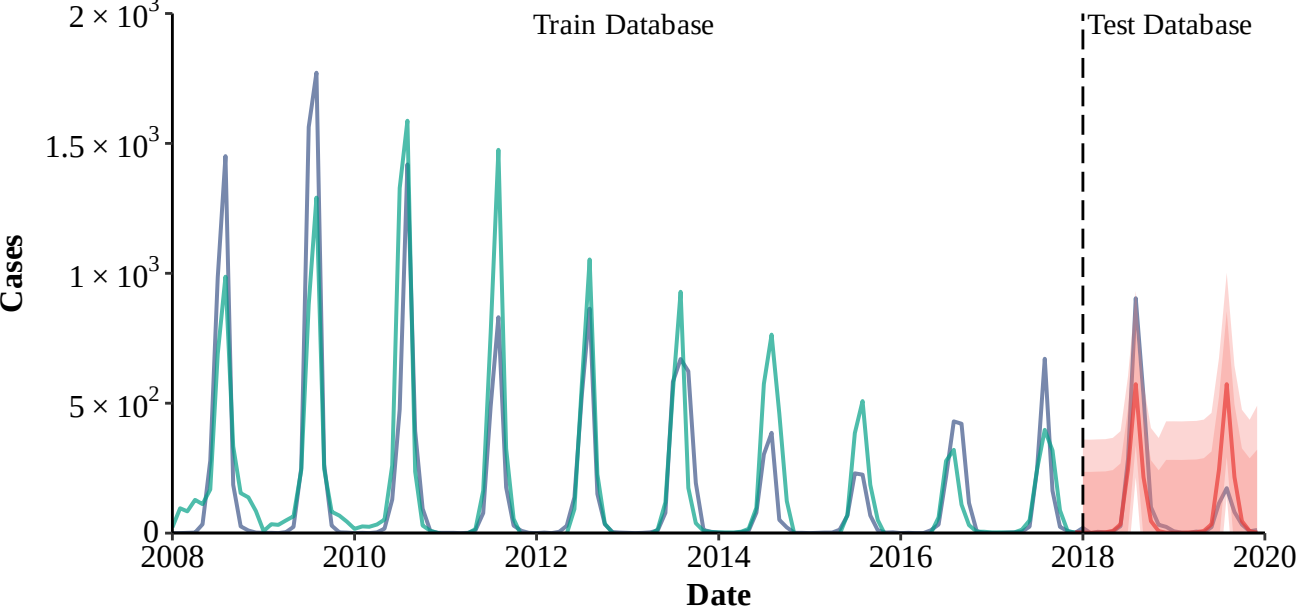
A: Neural Network



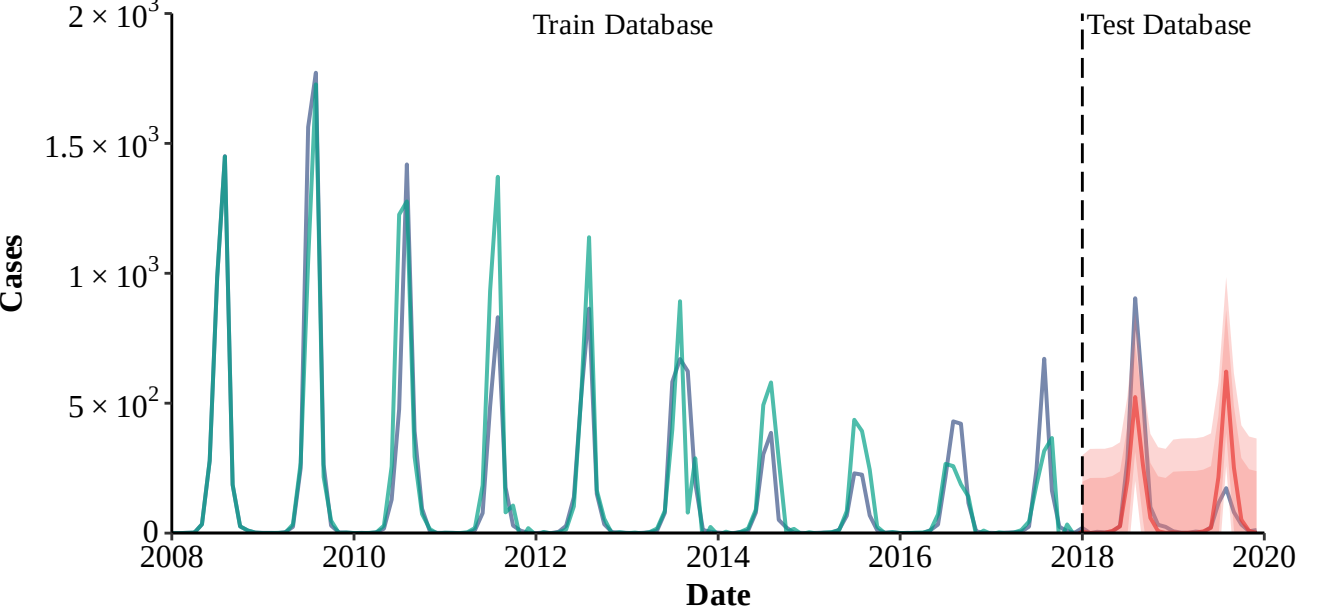
B: Prophet



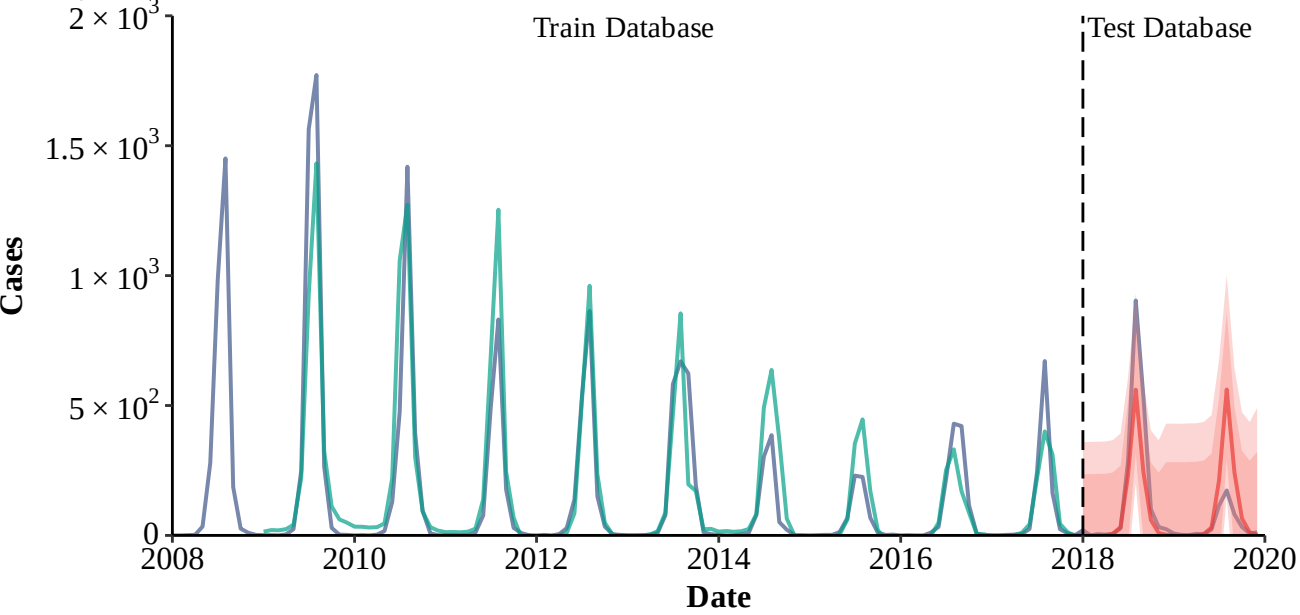
C: ETS



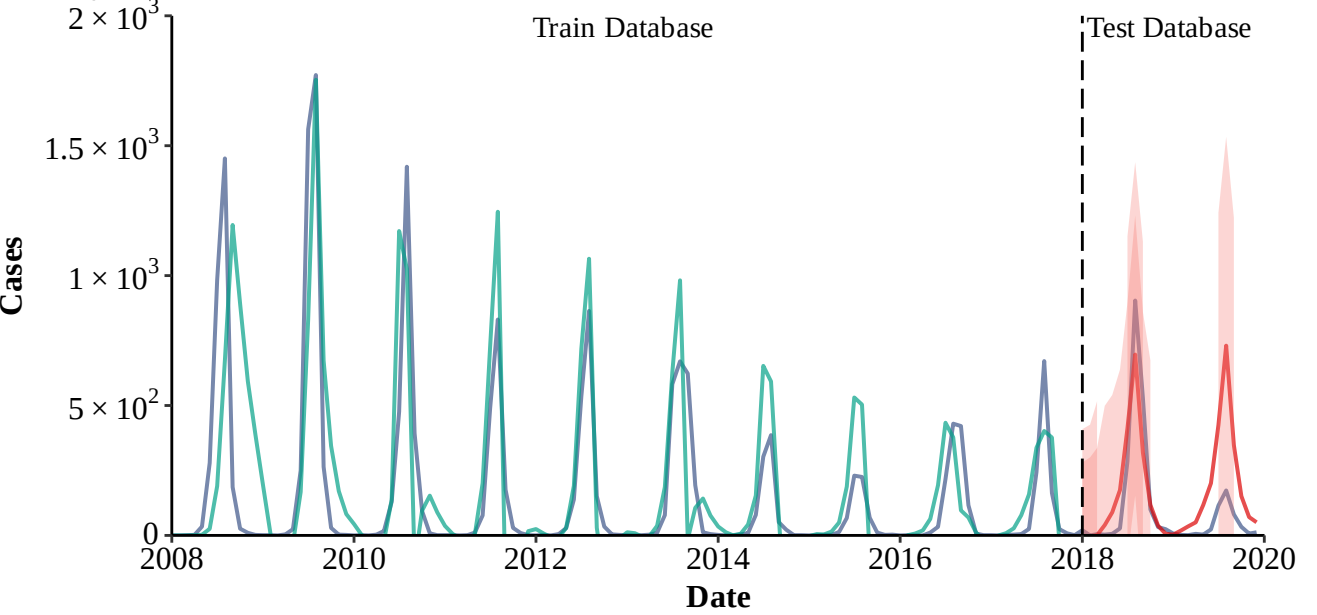
D: SARIMA



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
Prophet	177.79	198.72	181.45
ETS	171.80	130.49	165.63
SARIMA	140.36	139.35	140.19
Hybrid*	131.05	128.02	130.50
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
Prophet	0.71	0.55	0.67
ETS	0.75	0.59	0.74
SARIMA	0.84	0.54	0.82
Hybrid*	0.82	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
Prophet	106.06	167.18	116.25
ETS	88.30	63.78	84.22
SARIMA	60.64	67.04	61.71
Hybrid*	63.67	63.55	63.65
Bayesian Structural	147.68	109.64	141.34

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