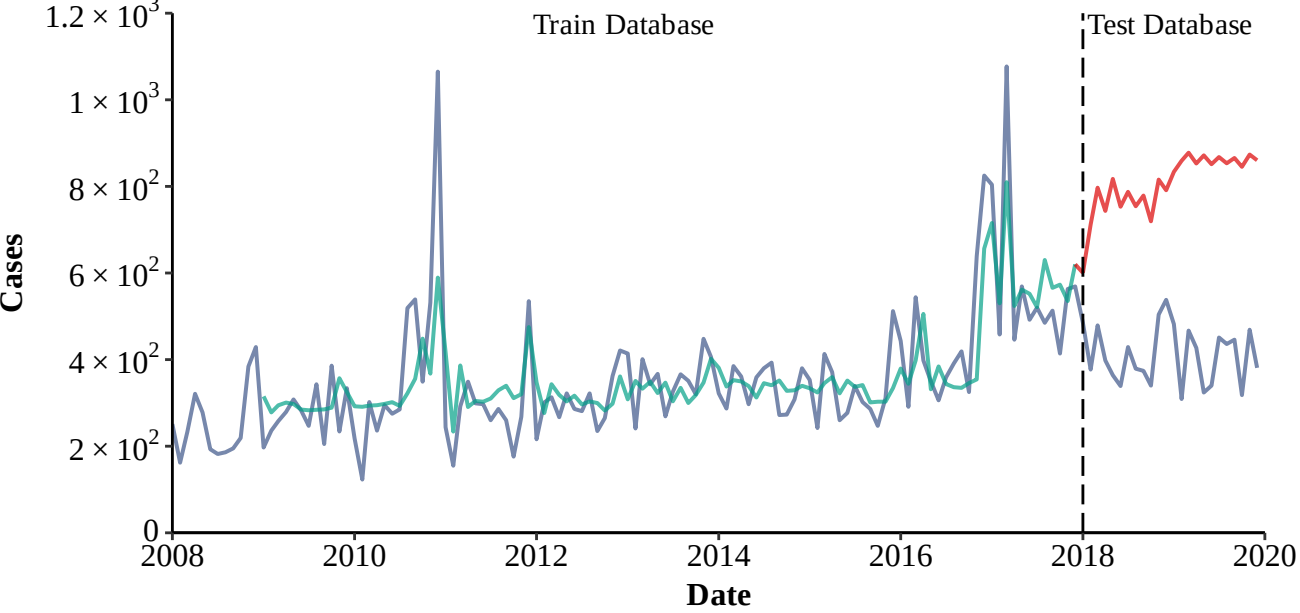
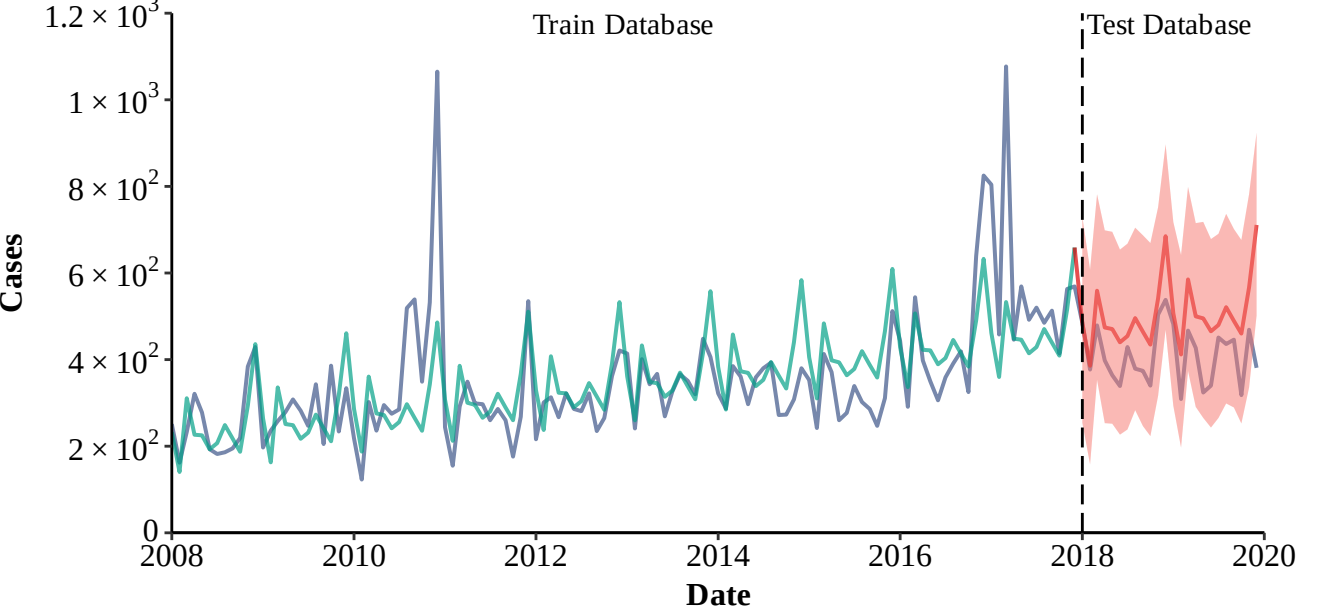


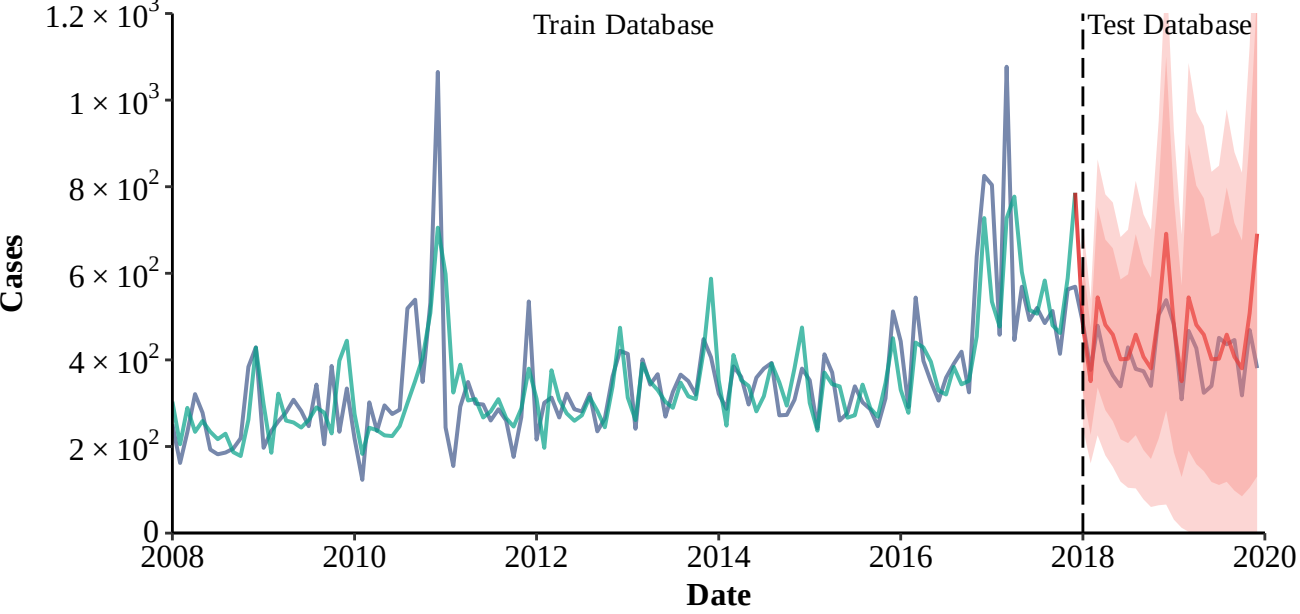
A: Neural Network



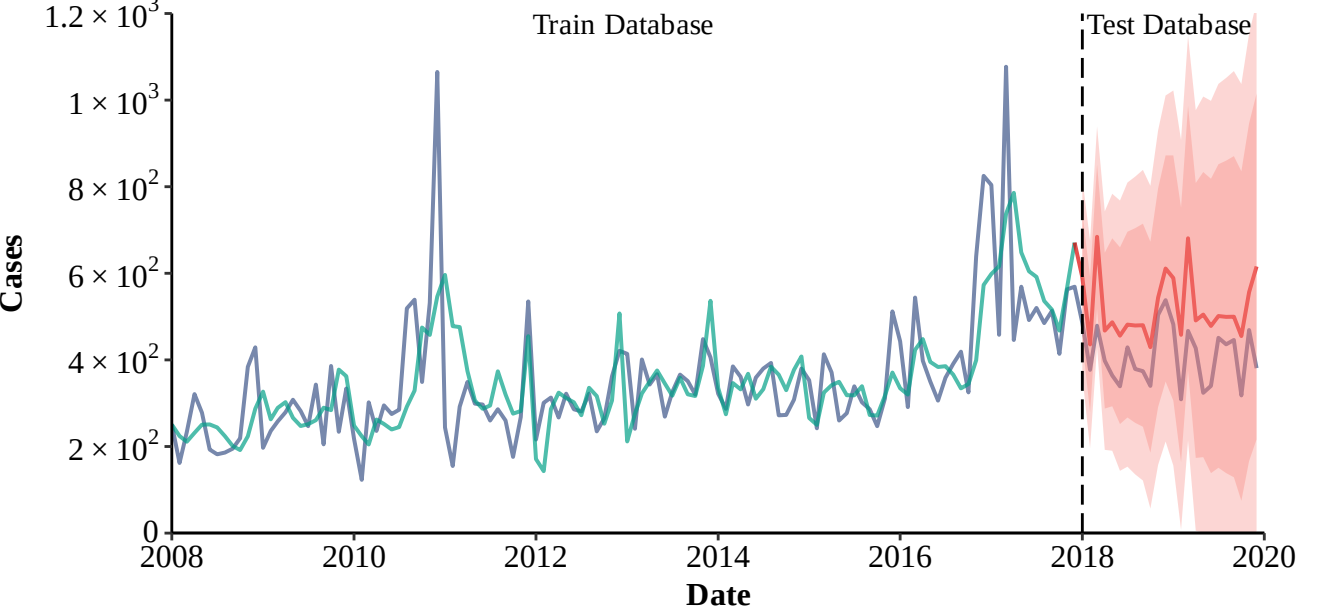
B: Prophet



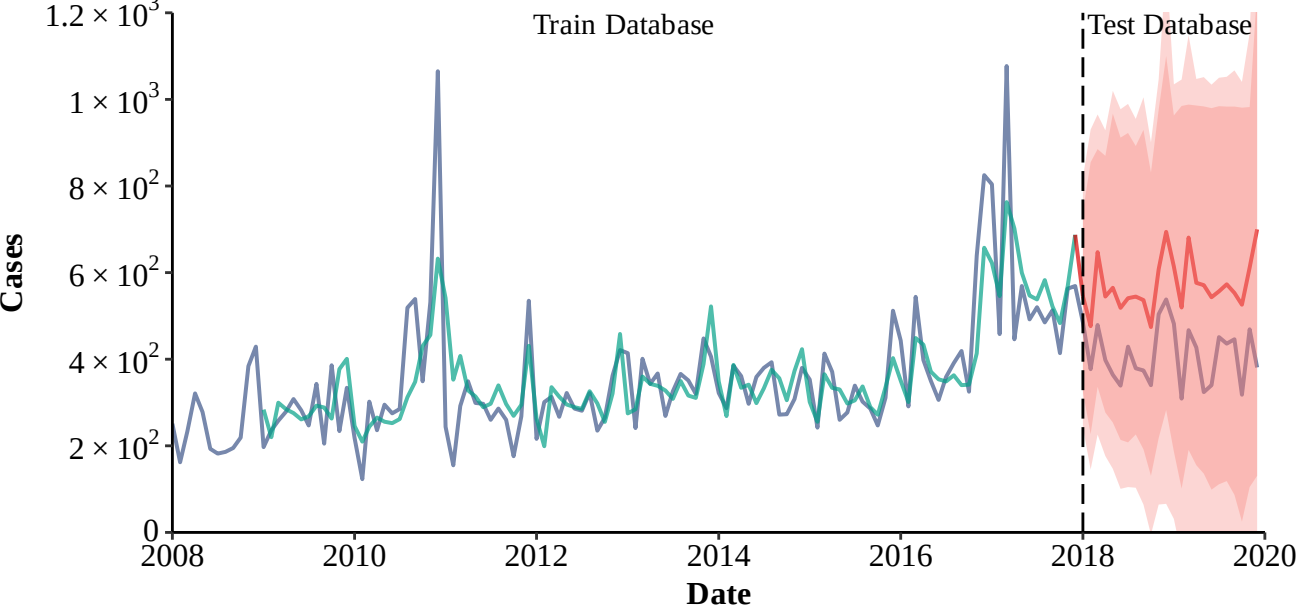
C: ETS



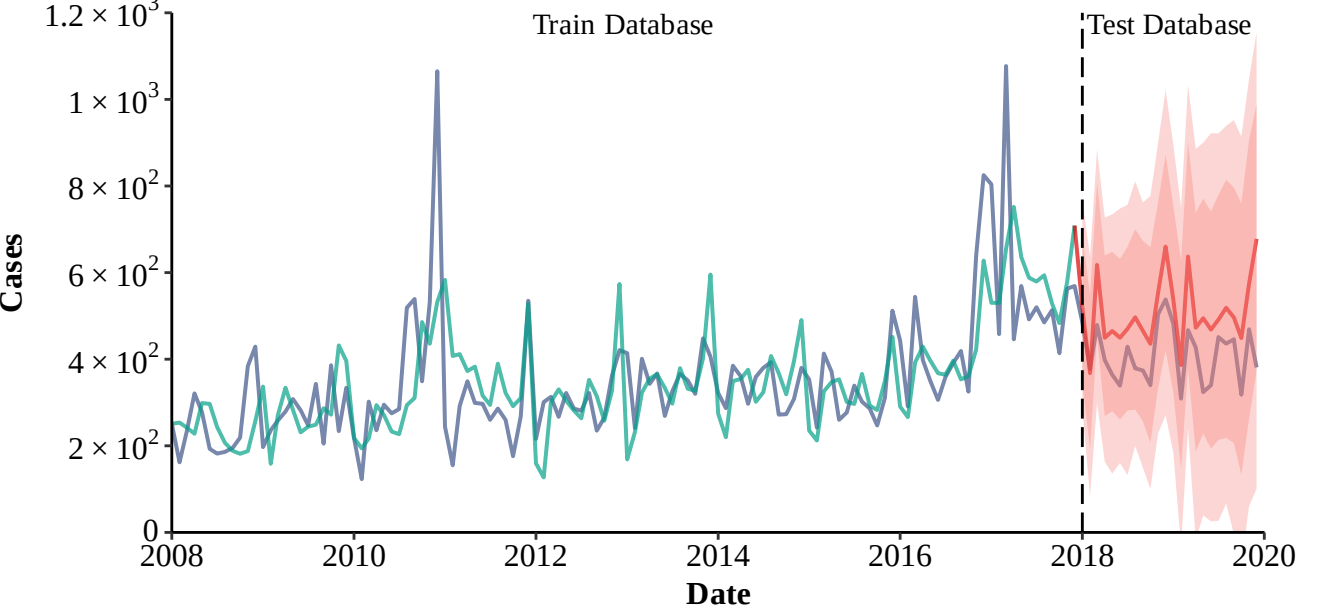
D: SARIMA



E: Hybrid



F: Bayesian Structural



— Fitted — Forecasted — Observed

G : RMSE of Models

Method	Train	Test	All
Neural Network	95.94	407.95	194.40
Prophet	112.23	114.11	112.55
ETS	98.00	90.48	96.79
SARIMA	113.64	121.75	115.03
Hybrid*	95.69	170.07	112.92
Bayesian Structural	119.07	113.52	118.16

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

H : SMAPE of Models

Method	Train	Test	All
Neural Network	18.28	65.45	26.85
Prophet	19.62	20.43	19.76
ETS	17.92	14.62	17.37
SARIMA	20.56	23.74	21.09
Hybrid*	16.83	33.34	19.83
Bayesian Structural	22.49	21.09	22.26

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

I : MASE of Models

Method	Train	Test	All
Neural Network	1.51	9.96	2.90
Prophet	0.73	1.26	0.99
ETS	0.66	0.74	0.84
SARIMA	1.50	1.42	1.48
Hybrid*	0.62	2.55	1.41
Bayesian Structural	0.82	1.10	1.15

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

J : R-squared of Models

Method	Train	Test	All
Neural Network	0.62	0.00	0.22
Prophet	0.44	0.30	0.40
ETS	0.58	0.32	0.56
SARIMA	0.45	0.47	0.42
Hybrid*	0.61	0.38	0.47
Bayesian Structural	0.41	0.42	0.40

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