A: Grey Model

B: Neural Network

Fitted — Forecasted — Observed
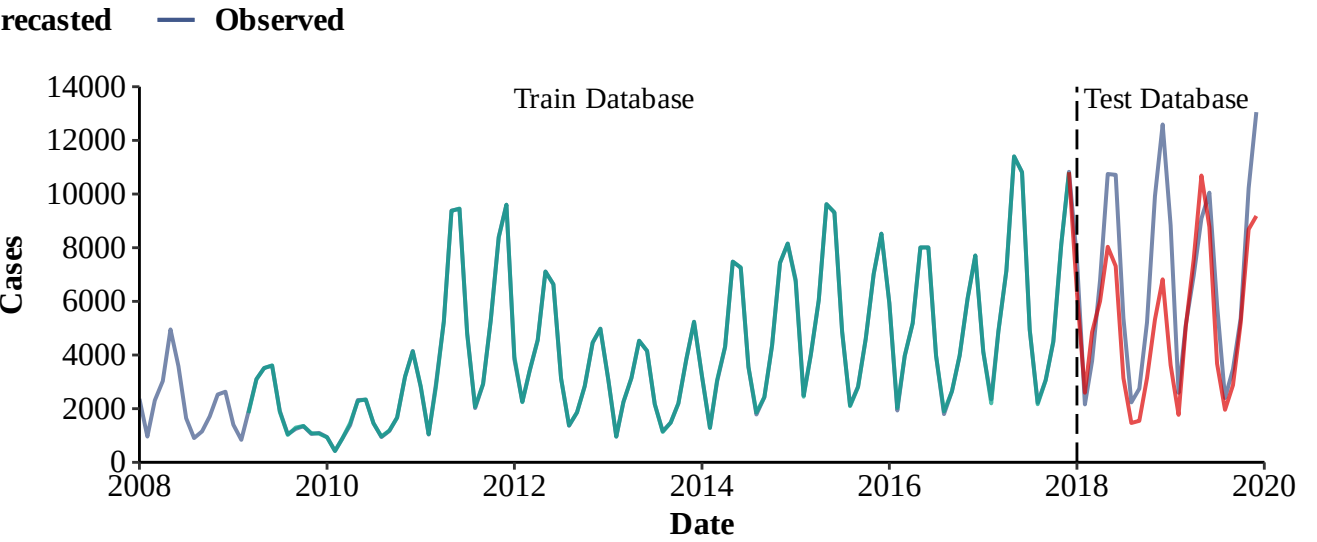
C: STL
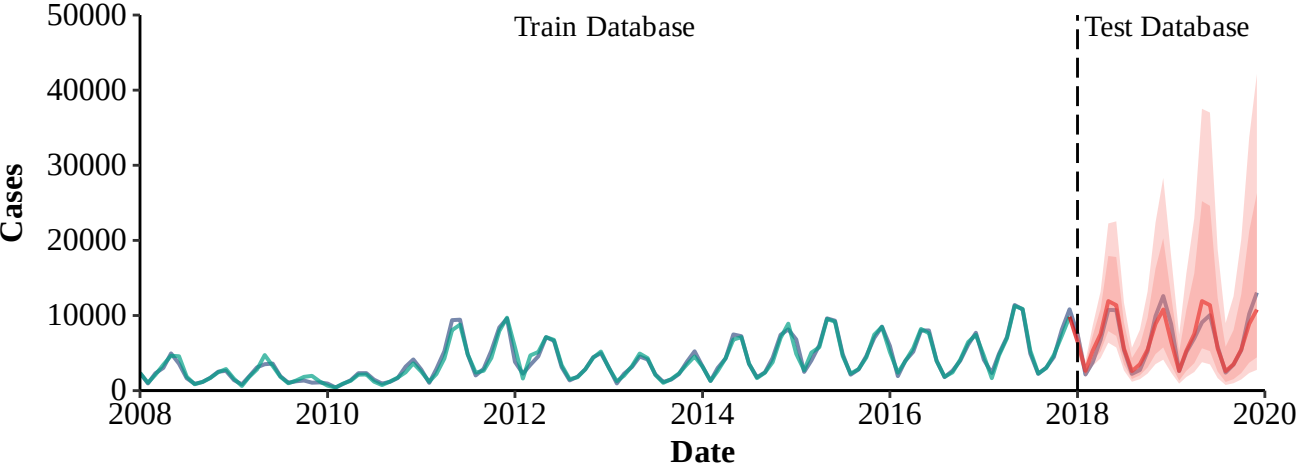
D: ETS
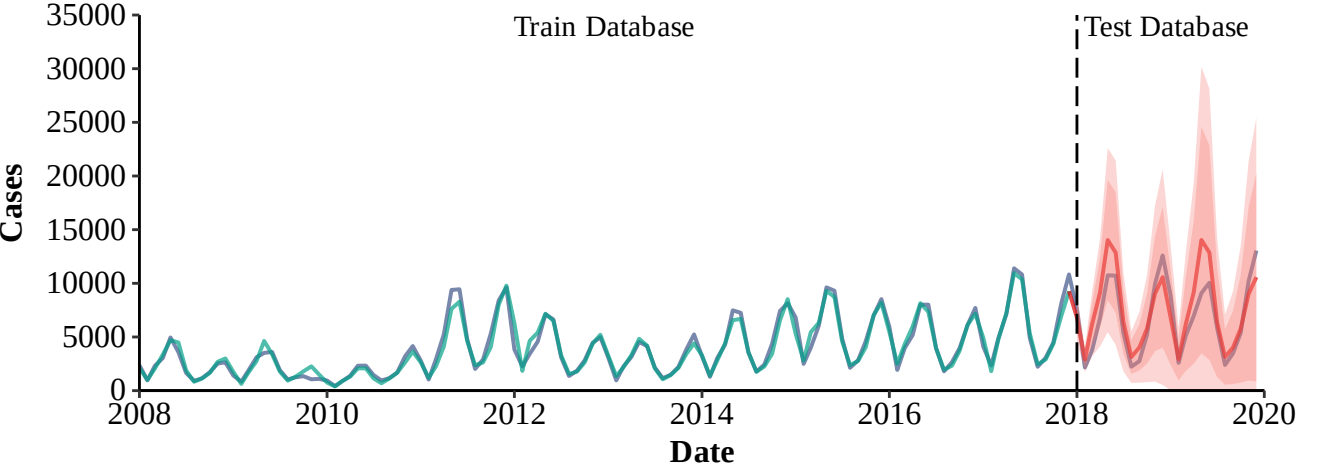
E: SARIMA

F: Hybrid

G: Multiple models

ETS — Hybrid — Observed — SARIMA — STL
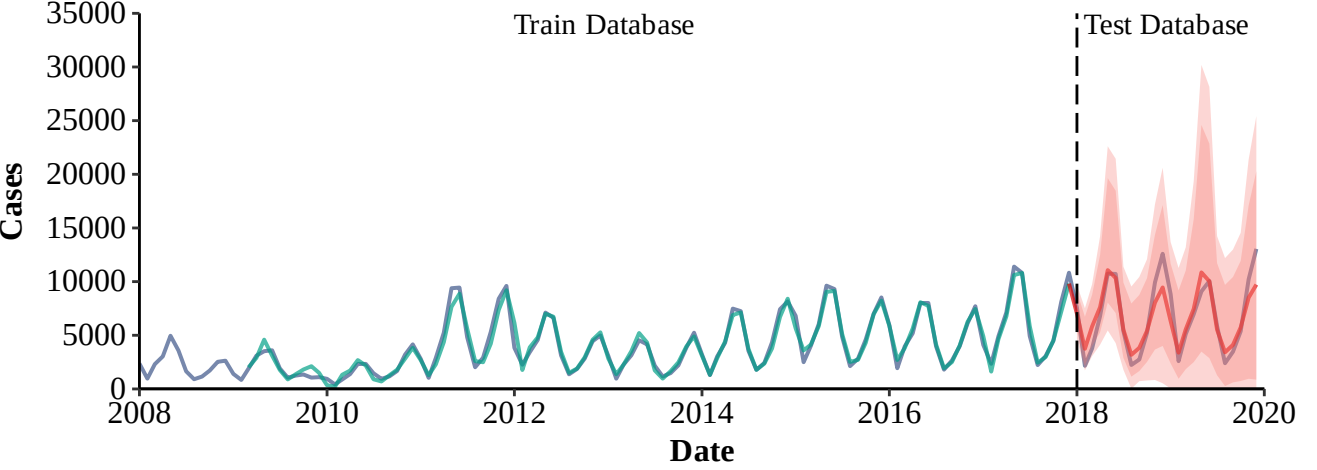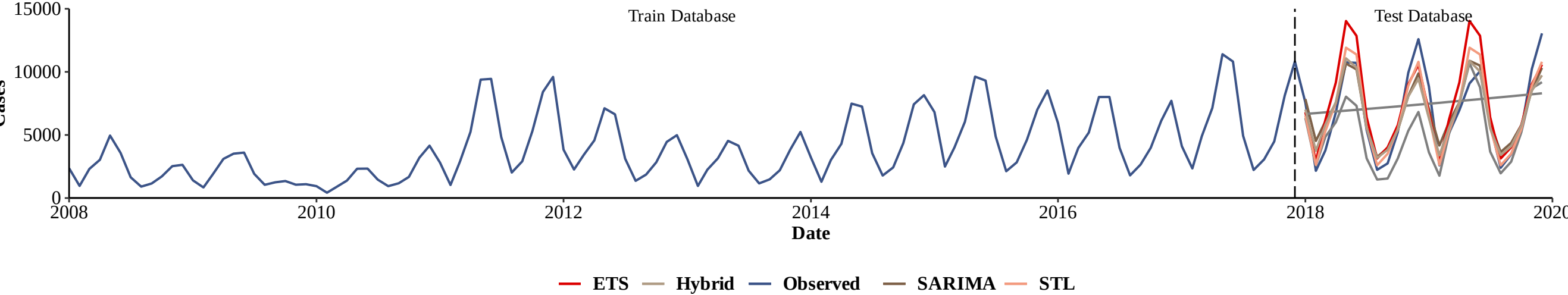
H : RMSE of Models

Method	Train	Test	Train and Test
Grey Model	2265.84	3381.06	2486.69
Neural Network	33.64	2444.20	1050.64
STL	491.75	1183.30	659.45
ETS	577.46	1916.28	943.35
SARIMA	882.36	1417.24	991.75
Hybrid*	538.94	1437.52	786.34

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

I : R-squared of Models

Method	Train	Test	Train and Test
Grey Model	0.25	0.03	0.30
Neural Network	1.00	0.69	0.89
STL	0.96	0.88	0.95
ETS	0.95	0.76	0.90
SARIMA	0.89	0.87	0.89
Hybrid*	0.96	0.85	0.93

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

J : MAE of Models

Method	Train	Test	Train and Test
Grey Model	1789.24	2991.29	1989.58
Neural Network	20.87	1861.47	360.68
STL	329.67	896.68	424.17
ETS	396.07	1570.13	591.74
SARIMA	617.84	1149.70	706.48
Hybrid*	389.19	1104.51	521.25

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