A: Grey Model

B: Neural Network

— Fitted — Forecasted — Observed
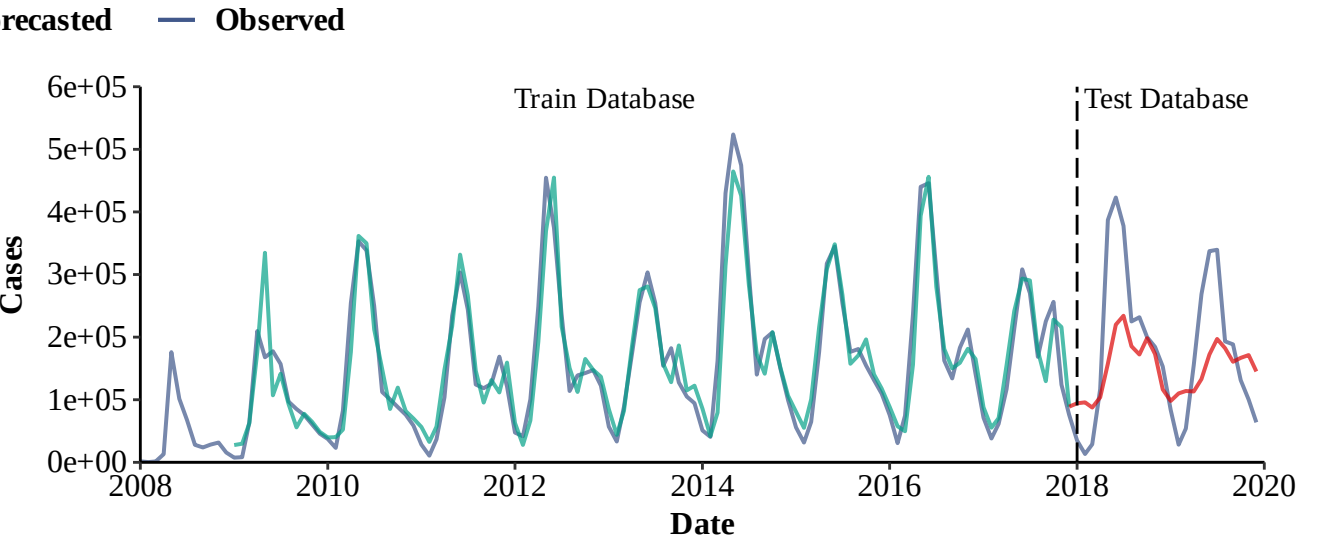
C: STL

D: ETS
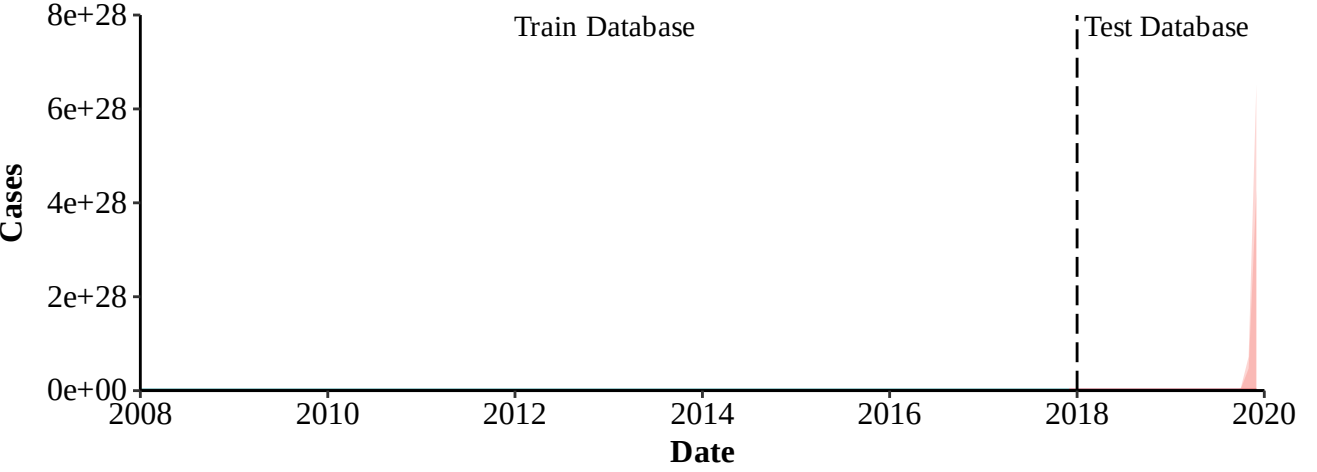
E: SARIMA

F: Hybrid

G: Multiple models

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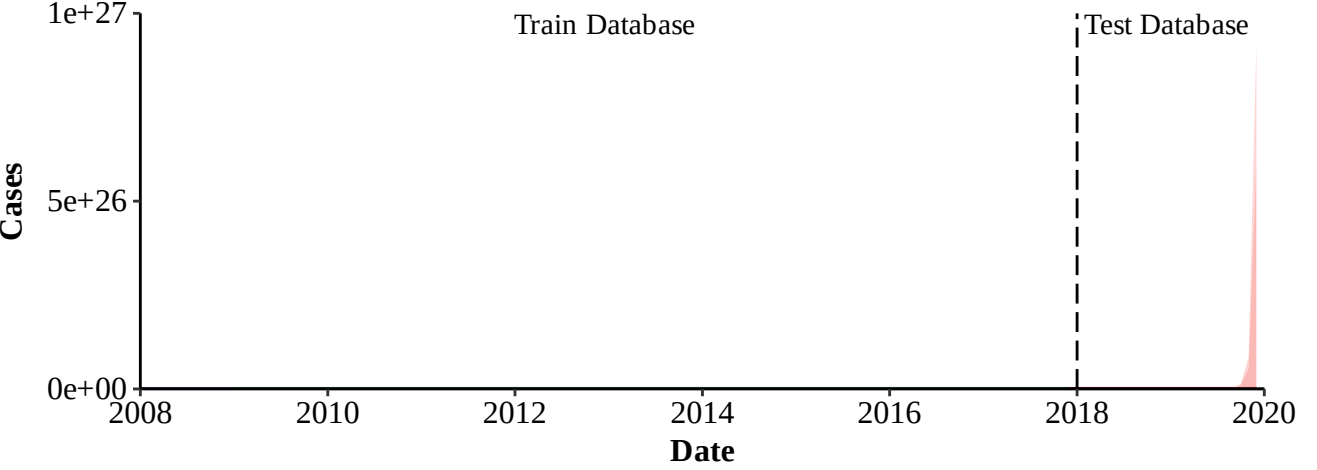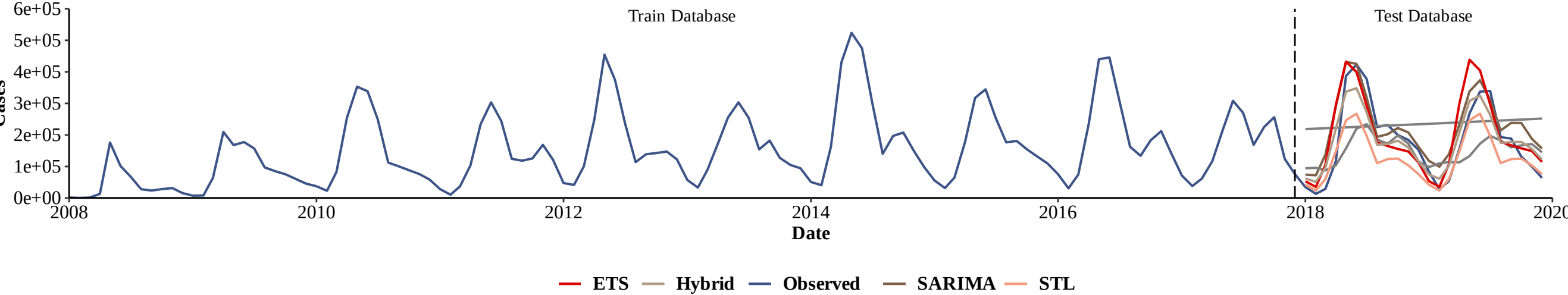
H : RMSE of Models

Method	Train	Test	Train and Test
Grey Model	108647.01	133427.00	113154.49
Neural Network	38961.37	97300.18	54436.40
STL	44109.20	81750.59	52299.25
ETS	54555.50	72406.37	57914.01
SARIMA	37507.86	68481.65	44203.95
Hybrid*	35597.91	53344.29	39423.26

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

I : R-squared of Models

Method	Train	Test	Train and Test
Grey Model	0.11	0.00	0.08
Neural Network	0.88	0.60	0.78
STL	0.88	0.83	0.82
ETS	0.78	0.70	0.76
SARIMA	0.89	0.82	0.86
Hybrid*	0.90	0.84	0.89

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

J : MAE of Models

Method	Train	Test	Train and Test
Grey Model	83820.51	115780.94	89147.25
Neural Network	28451.95	75320.53	36973.51
STL	26104.47	61469.03	31998.56
ETS	36121.32	56725.51	39555.35
SARIMA	25277.26	56802.91	30531.54
Hybrid*	24840.84	46687.94	28813.04

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