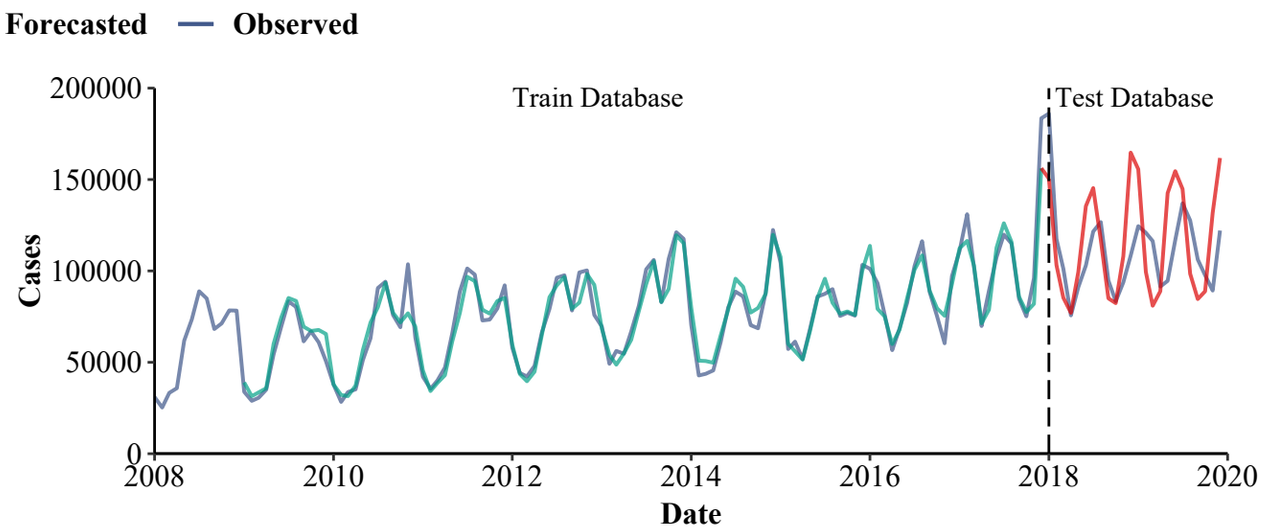
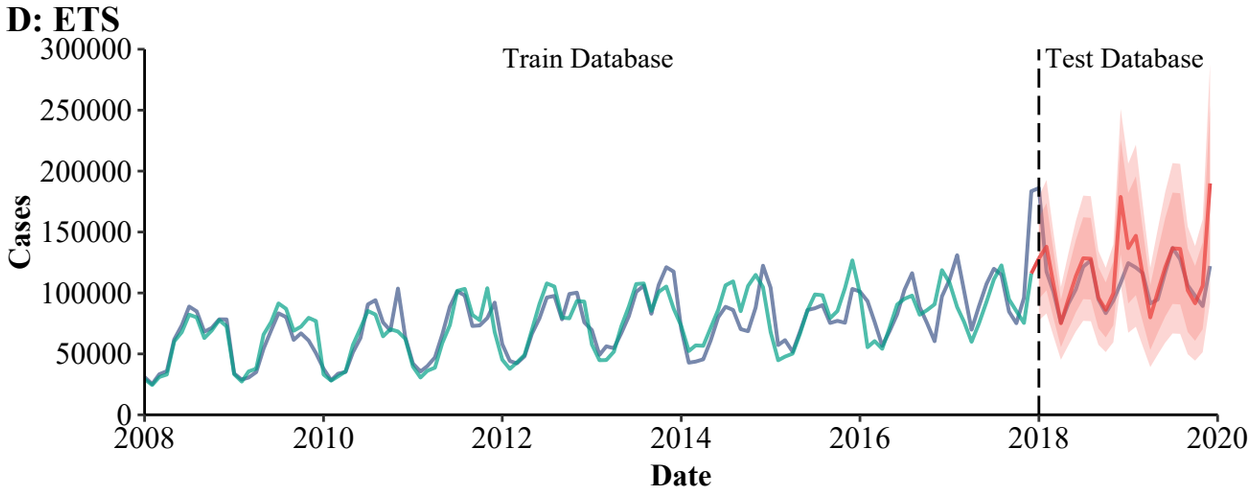
A: Grey Model

B: Neural Network



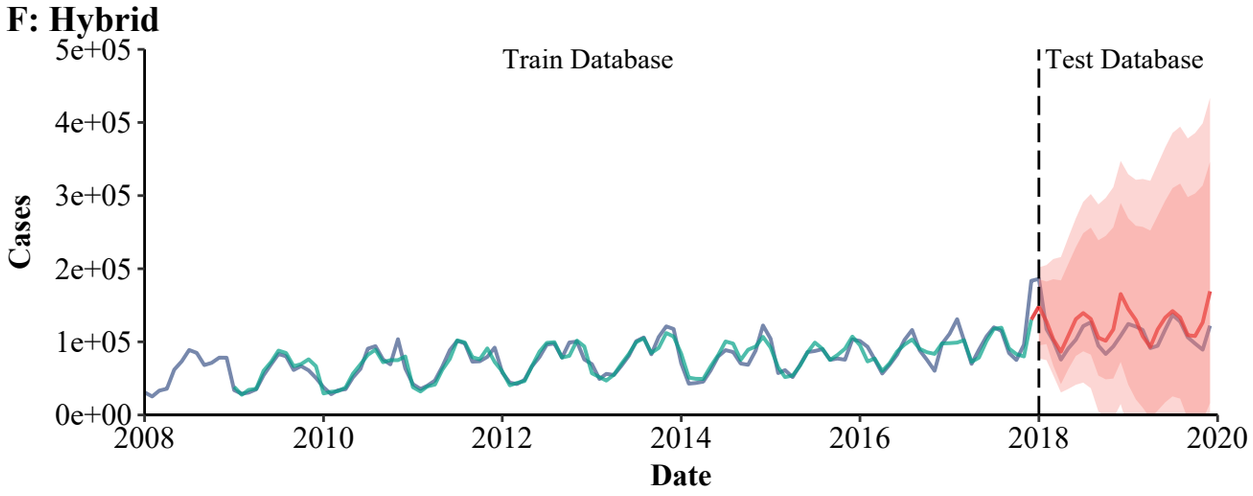
C: STL

D: ETS

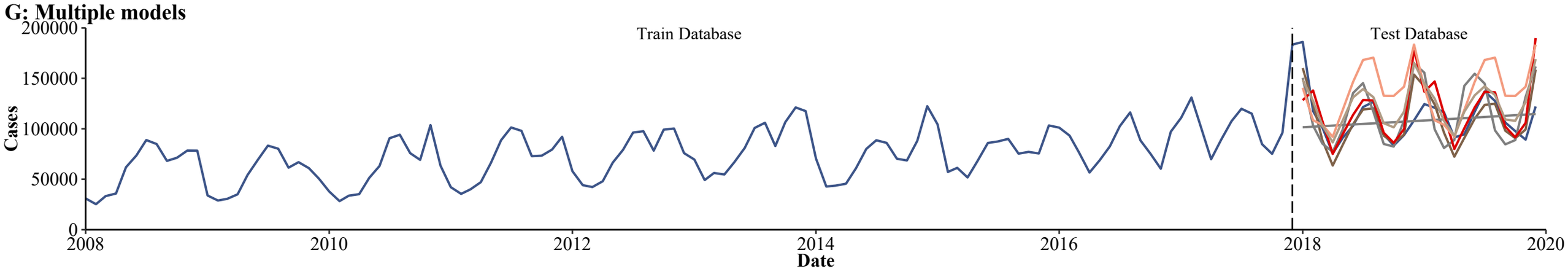


E: SARIMA

F: Hybrid



G: Multiple models



H : RMSE of Models

Method	Train	Test	Train and Test
Grey Model	22141.74	23099.28	22304.18
Neural Network	7194.36	27573.46	13438.14
STL	12141.16	37788.63	18995.70
ETS	15078.46	25014.54	17139.27
SARIMA	12432.14	15932.36	13080.72
Hybrid*	10611.92	22749.92	13646.96

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

I : R-squared of Models

Method	Train	Test	Train and Test
Grey Model	0.29	0.01	0.40
Neural Network	0.93	0.24	0.80
STL	0.79	0.16	0.70
ETS	0.68	0.33	0.69
SARIMA	0.78	0.62	0.80
Hybrid*	0.84	0.42	0.80

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

J : MAE of Models

Method	Train	Test	Train and Test
Grey Model	18233.44	16668.19	17972.56
Neural Network	5052.46	22867.84	8291.62
STL	7800.82	32922.02	11987.68
ETS	10689.37	14747.94	11365.80
SARIMA	8324.27	11415.05	8839.40
Hybrid*	7270.39	17680.29	9163.10

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