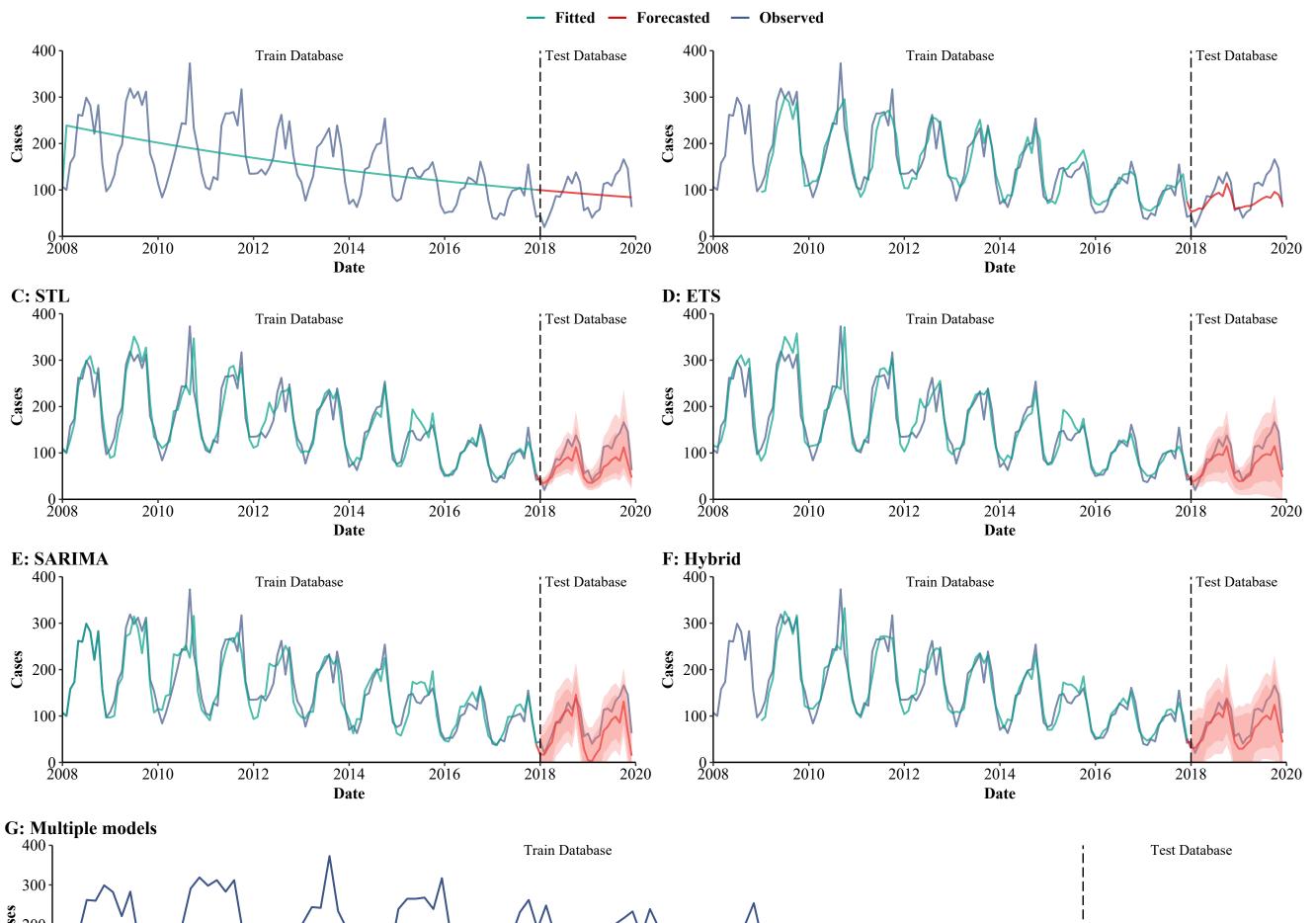
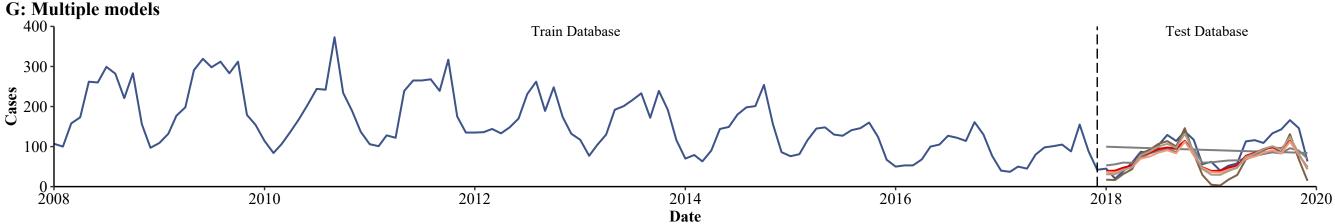
B: Neural Network





— ETS — Hybrid — Observed — SARIMA — STL

H: RMSE of Models

Method	Train	Test	Train and Test
Grey Model	61.80	42.70	59.05
Neural Network	28.28	31.80	28.95
STL	26.98	31.43	27.77
ETS	29.77	27.48	29.40
SARIMA	29.28	34.31	30.18
Hybrid*	26.21	26.23	26.21

*Hybrid: Combined SARIMA, ETS, STL

and Neural Network model

I: R-squared of Models

Method	Train	Test	Train and Test
Grey Model	0.31	0.27	0.37
Neural Network	0.85	0.75	0.84
STL	0.87	0.87	0.87
ETS	0.86	0.84	0.86
SARIMA	0.85	0.74	0.85
Hybrid*	0.87	0.83	0.87

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

J: MAE of Models

Method	Train	Test	Train and Test		
Grey Model	50.82	37.86	48.66		
Neural Network	21.81	25.32	22.45		
STL	18.55	25.95	19.78		
ETS	20.71	21.35	20.81		
SARIMA	20.40	28.31	21.72		
Hybrid*	18.42	20.95	18.88		

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