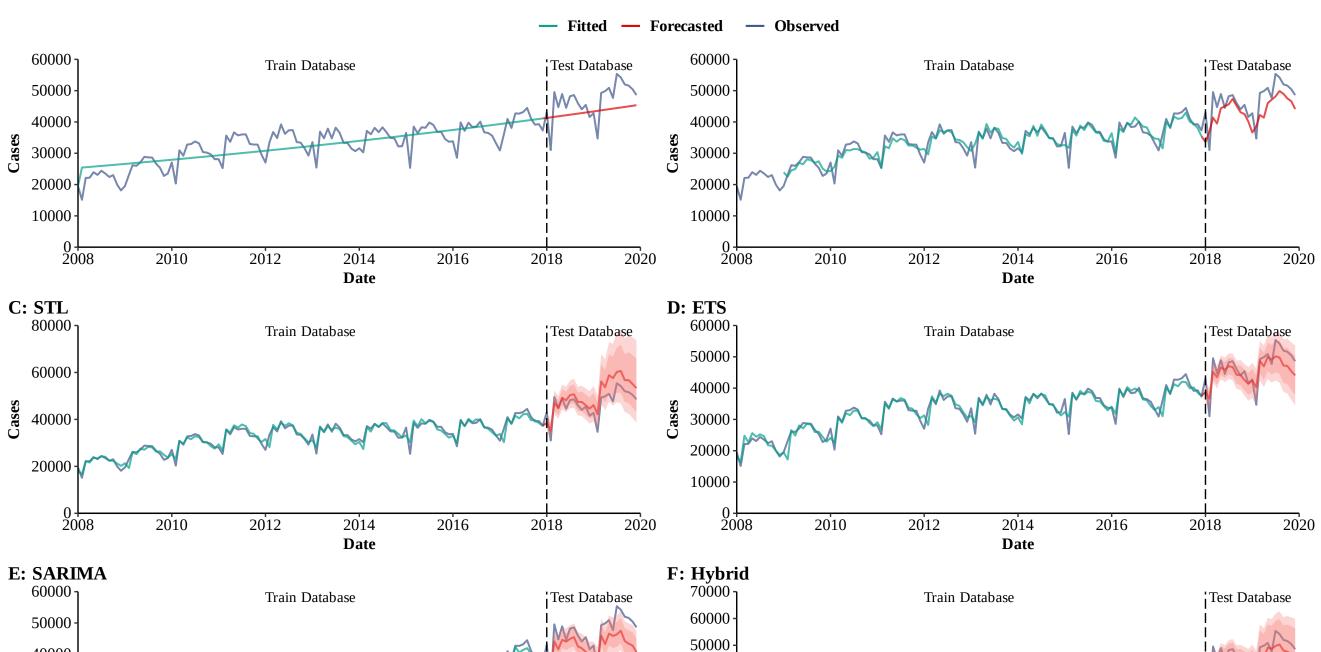
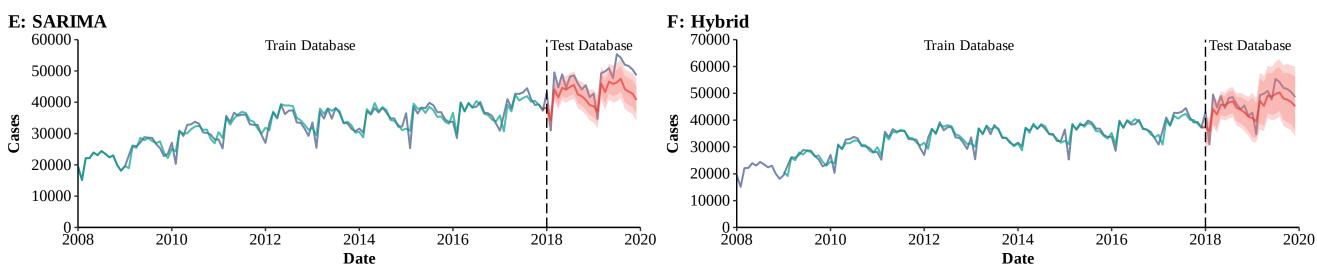
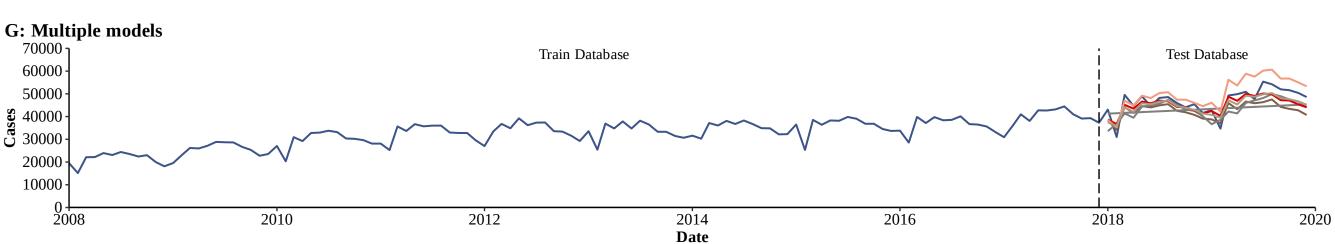
B: Neural Network







<u> —</u> ЕТЅ —	Hybrid —	 Observed 	— SARIMA —	STL

H: RMSE of Models

Method	Train	Test	Train and Test
Grey Model	3810.97	6050.02	4266.54
Neural Network	1971.18	4956.85	2765.22
STL	1512.31	4735.92	2375.72
ETS	1585.94	3379.75	1999.94
SARIMA	1698.29	5115.59	2600.97
Hybrid*	1594.36	3390.99	2042.18

I: R-squared of Models

Method	Train	Test	Train and Test
Grey Model	0.61	0.28	0.74
Neural Network	0.85	0.56	0.87
STL	0.94	0.77	0.94
ETS	0.93	0.77	0.94
SARIMA	0.92	0.77	0.91
Hybrid*	0.90	0.79	0.93

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

J: MAE of Models

Method	Train	Test	Train and Test
Grey Model	3067.13	5288.30	3437.33
Neural Network	1449.60	4235.83	1956.19
STL	1077.22	4080.68	1577.80
ETS	1090.20	2816.57	1377.93
SARIMA	1195.46	4583.40	1760.12
Hybrid*	1086.95	2953.70	1426.36