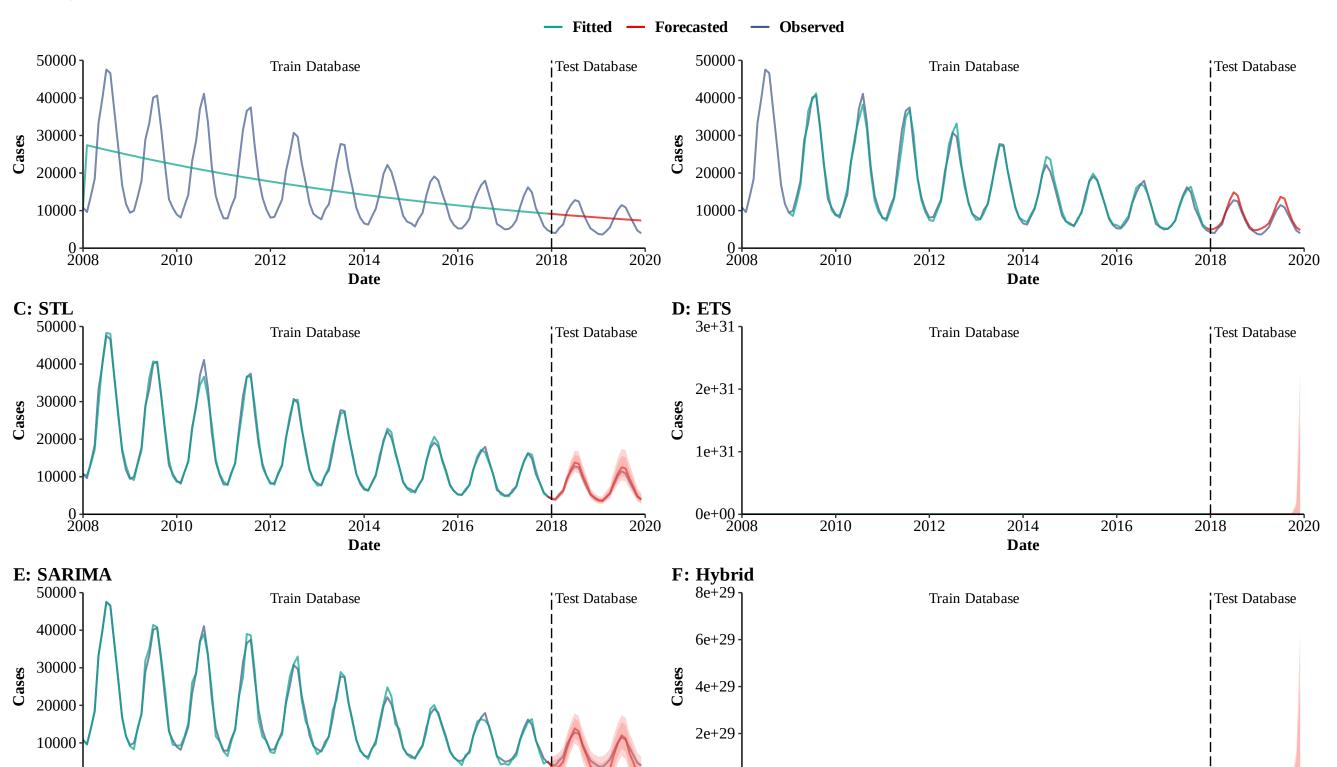
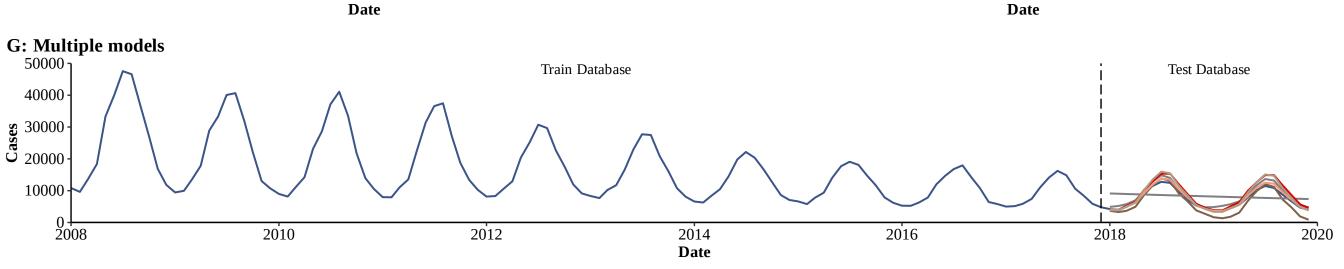
## **B:** Neural Network





2020

2018

0e+00 \\ 2008

2010

2012

2014

2016

2018

2020

## H: RMSE of Models

2010

2012

2014

2016

0 <del>1</del> 2008

Method	Train	Test	Train and Test
Grey Model	8745.87	3190.99	8089.44
Neural Network	1247.71	1222.07	1243.09
STL	1014.95	600.90	958.44
ETS	1160.26	1822.96	1294.49
SARIMA	1195.12	1603.96	1272.42
Hybrid*	968.49	1727.91	1144.68

## I: R-squared of Models

Method	Train	Test	Train and Test
Grey Model	0.27	0.00	0.35
Neural Network	0.98	0.98	0.98
STL	0.99	0.99	0.99
ETS	0.99	0.97	0.98
SARIMA	0.99	0.98	0.99
Hybrid*	0.99	0.98	0.98

— ETS — Hybrid — Observed — SARIMA — STL

## J: MAE of Models

Method	Train	Test	Train and Test
Grey Model	7240.35	2878.79	6513.43
Neural Network	901.75	1077.27	933.66
STL	684.64	461.12	647.39
ETS	817.33	1379.17	910.97
SARIMA	843.19	1359.60	929.26
Hybrid*	670.78	1222.78	771.15