A: Grey Model

B: Neural Network

C: STL

D: ETS
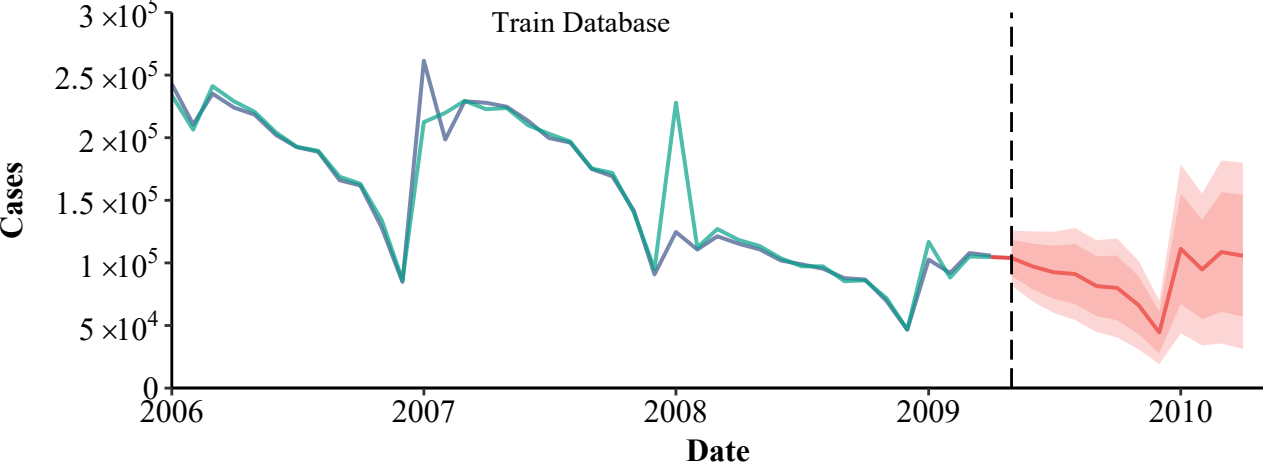
E: SARIMA

F: Hybrid Model
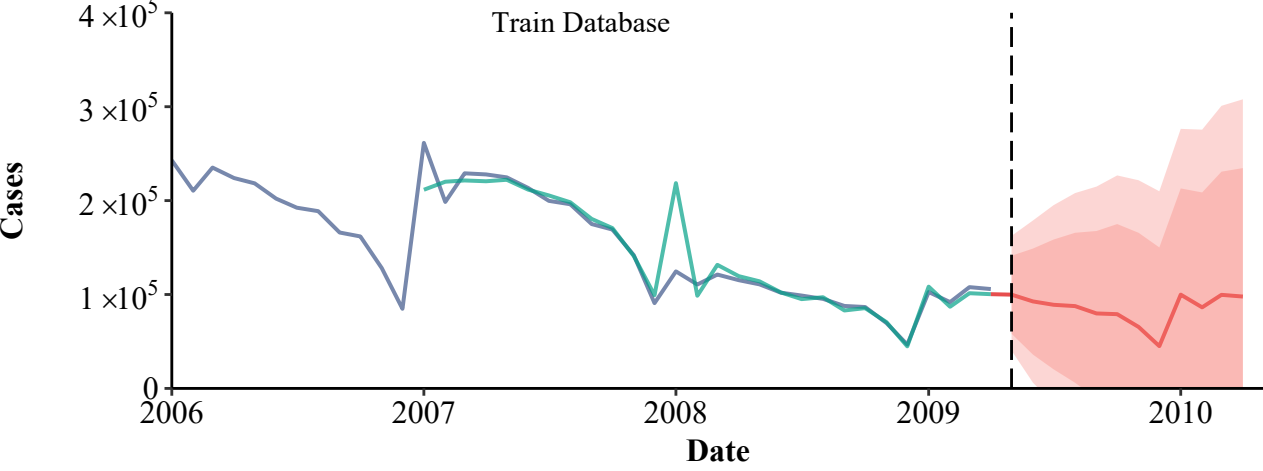
— Observed — Fitted — Forecasted

G

Observed
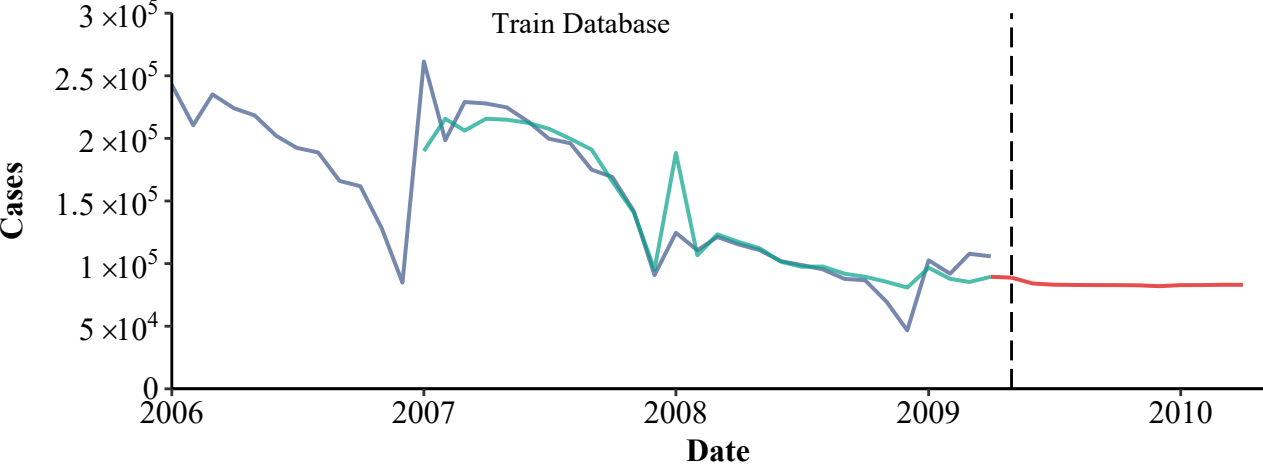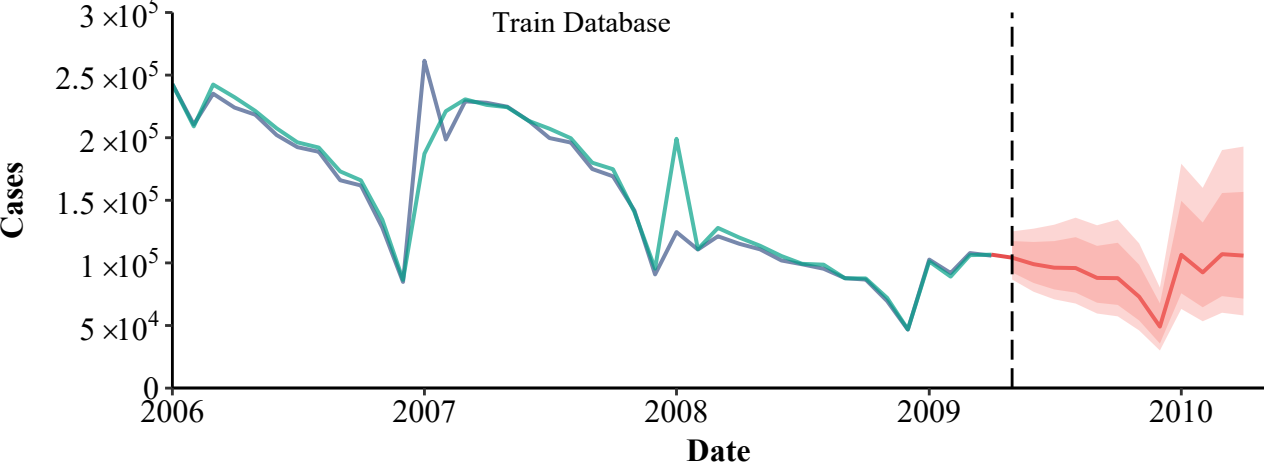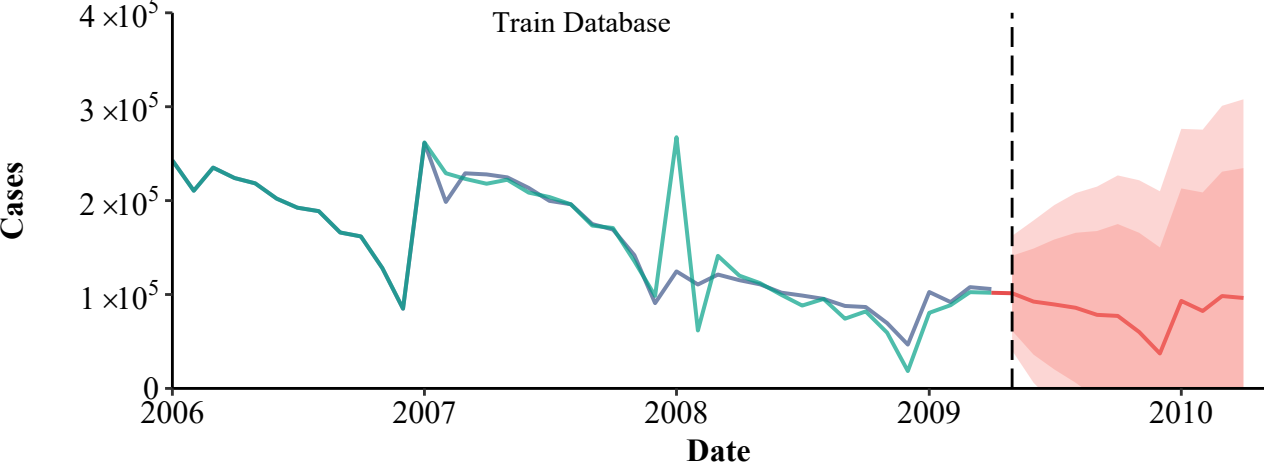Grey Model
Neural Network
STL
ETS
SARIMA
Hybrid Model

H : RMSE of Models

Method	Train
Grey Model	36247.55
Neural Network	21487.50
STL	17428.23
ETS	18801.80
SARIMA	25601.51
Hybrid Model*	21137.33

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

I : R-squared of Models

Method	Train
Grey Model	0.61
Neural Network	0.86
STL	0.91
ETS	0.90
SARIMA	0.85
Hybrid Model*	0.87

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

J : MAE of Models

Method	Train
Grey Model	27324.98
Neural Network	12669.01
STL	7174.04
ETS	7091.22
SARIMA	9971.66
Hybrid Model*	9859.80

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