A: Grey Model

Train Database

B: Neural Network

Train Database

C: STL

Train Database

D: ETS

Train Database

E: SARIMA

Train Database

F: Hybrid Model

Train Database

— Observed — Fitted — Forecasted

G

Train Database

Observed
Grey Model
Neural Network
STL
ETS
SARIMA
Hybrid Model
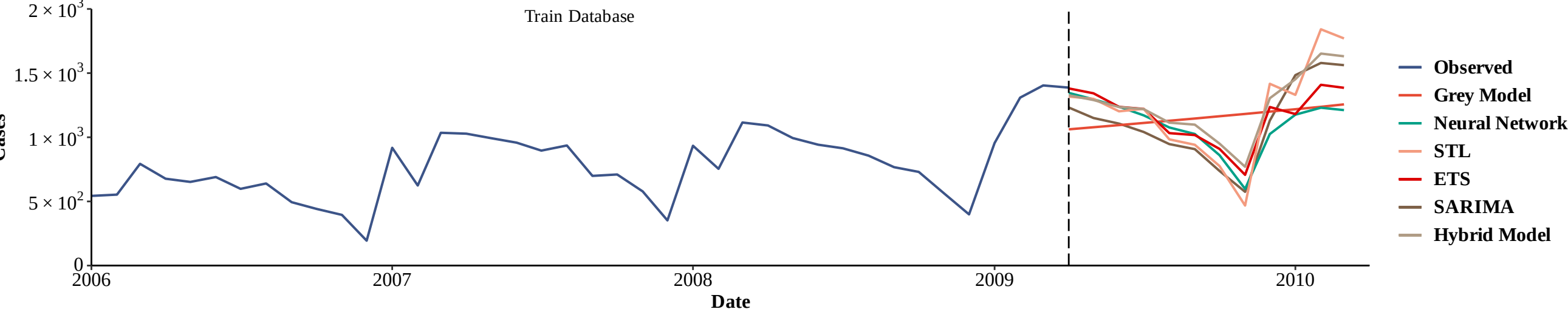
H : RMSE of Models

Method	Train
Grey Model	235.60
Neural Network	71.45
STL	91.48
ETS	98.23
SARIMA	108.83
Hybrid Model*	81.95

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

I : R-squared of Models

Method	Train
Grey Model	0.26
Neural Network	0.93
STL	0.89
ETS	0.88
SARIMA	0.85
Hybrid Model*	0.90

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

J : MAE of Models

Method	Train
Grey Model	187.29
Neural Network	57.67
STL	64.27
ETS	64.32
SARIMA	68.78
Hybrid Model*	54.25

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