

# **ETS** 20000 **SARIMA** 10000 — Hybrid Model 2006 2007 2008 2009 2010

## **H: RMSE of Models**

Method	Train
Grey Model	9322.46
Neural Network	4456.26
STL	3113.02
ETS	3229.61
SARIMA	4112.83
Hybrid Model*	3736.81

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

## I: R-squared of Models

Method	Train
Grey Model	0.02
Neural Network	0.79
STL	0.89
ETS	0.89
SARIMA	0.81
Hybrid Model*	0.86

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

### J: MAE of Models

Method	Train
Grey Model	7431.02
Neural Network	3291.10
STL	2051.61
ETS	2270.80
SARIMA	2266.09
Hybrid Model*	2393.60

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