

2 10	11	am Database	 		
$ \begin{array}{ccc} 1.5 \times 10^5 & \\ & & \\ & & \\ 5 \times 10^4 & \\ & & \\ 0 & & \\ \end{array} $					 Observed Grey Model Neural Network STL ETS SARIMA Hybrid Model
0 1 20	06 2007	2008	2009	2010	

H: RMSE of Models

Method	Train
Grey Model	34375.25
Neural Network	4501.13
STL	3747.90
ETS	4083.25
SARIMA	8022.97
Hybrid Model*	4829.47

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

I: R-squared of Models

Date

Method	Train
Grey Model	0.22
Neural Network	0.98
STL	0.99
ETS	0.99
SARIMA	0.96
Hybrid Model*	0.98

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

J: MAE of Models

Method	Train
Grey Model	27369.96
Neural Network	3268.93
STL	2740.48
ETS	2817.46
SARIMA	5036.10
Hybrid Model*	3870.18

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