

/ ×10	Ira	in Database	l		
6×10^{3}					
5 103			1		— Observed
5×10^3					— Grey Model
$ \overset{\text{gg}}{\sim} \frac{4 \times 10^3}{3 \times 10^3} $			ļ		— Neural Network
ပြီ _{3×10} 3.			i /		— STL
2×10^{3}					— ETS
					— SARIMA
1×10^{3}					— Hybrid Model
0	_		ii		
0 1 200	2007	2008	2009	2010	

H: RMSE of Models

Method	Train	
Grey Model	1262.62	
Neural Network	382.66	
STL	308.78	
ETS	334.86	
SARIMA	418.03	
Hybrid Model*	289.67	

*Hybrid: Combined SARIMA, ETS, STL

and Neural Network model

I: R-squared of Models

Date

Method	Train	
Grey Model	0.48	
Neural Network	0.93	
STL	0.97	
ETS	0.97	
SARIMA	0.95	
Hybrid Model*	0.96	

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

J: MAE of Models

Method	Train	
Grey Model	982.03	
Neural Network	318.92	
STL	219.48	
ETS	239.12	
SARIMA	299.13	
Hybrid Model*	239.47	

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