

1 ^ 10	Trair	Database			
8×10^{3} 6×10^{3} 4×10^{3} 2×10^{3}					 Observed Grey Model Neural Network STL ETS SARIMA Hybrid Model
0 	2007	2008	2009	2010	

H: RMSE of Models

Method	Train
Grey Model	1017.61
Neural Network	578.77
STL	363.68
ETS	399.71
SARIMA	572.52
Hybrid Model*	439.55

I: R-squared of Models

Date

Method	Train	
Grey Model	0.29	
Neural Network	0.82	
STL	0.91	
ETS	0.89	
SARIMA	0.82	
Hybrid Model*	0.90	

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

J: MAE of Models

Method	Train	
Grey Model	796.42	
Neural Network	455.73	
STL	299.69	
ETS	319.54	
SARIMA	366.67	
Hybrid Model*	361.13	

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

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