



— ETS — Hybrid — Observed — SARIMA— STL

H: RMSE of Models

Method	Train	Test	Train and Test
Grey Model	508.48	543.39	514.47
Neural Network	208.05	265.06	219.52
STL	213.07	320.89	234.51
ETS	227.61	261.51	233.60
SARIMA	249.80	667.36	355.28
Hybrid*	184.48	337.58	220.38

*Hybrid: Combined SARIMA, ETS, STL

and Neural Network model

Method Train Test **Train and Test** Grey Model 0.75 0.15 0.76 Neural Network 0.91 0.06 0.91 STL 0.96 0.040.95 **ETS** 0.95 0.19 0.95 SARIMA 0.94 0.90 0.05 Hybrid* 0.02 0.91 0.93

I: R-squared of Models

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

J: MAE of Models

Method	Train	Test	Train and Test
Grey Model	398.94	461.27	409.33
Neural Network	155.66	217.71	166.94
STL	155.55	232.08	168.31
ETS	172.40	189.73	175.29
SARIMA	168.57	562.20	234.18
Hybrid*	135.85	239.03	154.61

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