|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **7-day time lag** | | | **25-day time lag** | | | **50-day time lag** | | |
|  | **MAE** | **RMSE** | **MAPE** | **MAE** | **RMSE** | **MAPE** | **MAE** | **RMSE** | **MAPE** |
| RNN | 14.041 | 23.227 | 5.072 | 22.59 | 28.856 | 7.981 | 27.456 | 36.387 | 9.485 |
| GRU | 12.225 | 21.424 | 4.439 | 21.73 | 28.024 | 7.119 | 20.701 | 24.277 | 6.878 |
| LSTM | 12.735 | 16.200 | 4.536 | 11.94 | 16.944 | 4.401 | 14.596 | 19.269 | 5.299 |
| Transformer | 10.471 | 14.354 | 6.102 | 9.986 | 12.675 | 6.009 | 7.111 | 9.661 | 4.022 |
| Informer | 3.733 | 4.516 | 1.943 | 4.602 | 6.15 | 2.873 | 4.123 | 5.013 | 2.407 |
| Romember | 3.218 | 4.289 | 1.821 | 3.970 | 4.989 | 2.230 | 3.489 | 4.041 | 2.036 |
| WASA-Romember | 3.027 | 3.929 | 1.577 | 2.987 | 3.740 | 1.710 | 3.073 | 3.701 | 1.661 |
| EWSA-Romember | 2.762 | 3.589 | 1.426 | 2.848 | 3.521 | 1.580 | 2.448 | 2.989 | 1.253 |