|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **7-day time lag** | | | **25-day time lag** | | | **50-day time lag** | | |
|  | **MAE** | **RMSE** | **MAPE** | **MAE** | **RMSE** | **MAPE** | **MAE** | **RMSE** | **MAPE** |
| CNN | 14.368 | 22.679 | 5.342 | 22.230 | 27.963 | 7.947 | 25.236 | 33.049 | 8.156 |
| RNN | 13.338 | 21.954 | 4.818 | 21.361 | 27.329 | 7.547 | 25.970 | 34.445 | 8.978 |
| GRU | 11.557 | 20.301 | 4.195 | 20.579 | 26.503 | 6.733 | 20.701 | 22.981 | 6.509 |
| LSTM | 12.097 | 15.309 | 4.307 | 11.311 | 16.007 | 4.159 | 14.596 | 18.214 | 5.013 |
| Transformer | 9.497 | 13.574 | 5.776 | 9.436 | 11.998 | 5.689 | 7.111 | 9.136 | 3.801 |
| Informer | 3.546 | 4.268 | 1.840 | 4.352 | 5.822 | 2.716 | 4.123 | 4.742 | 2.285 |
| Romember | 3.057 | 4.054 | 1.726 | 3.762 | 4.715 | 2.108 | 3.489 | 3.829 | 1.934 |
| WASA-Romember | 2.876 | 3.718 | 1.494 | 2.829 | 3.531 | 1.612 | 3.073 | 3.502 | 1.574 |
| EWSA-Romember | 2.621 | 3.396 | 1.352 | 2.696 | 3.332 | 1.498 | 2.448 | 2.830 | 1.189 |