

—●— ARIMA(1,1,0)(0,1,0)[7], $\|x^*-x\|_{\text{train}}=8223$, $\|x^*-x\|_{\text{test}}=24889$

—●— basic model, x_n =new cases/day; $a=0.71$, $b=0.879$, $q=7$; $r=0.974$; $\|x^*-x\|_{\text{train}}=9049$; $\|x^*-x\|_{\text{test}}=7882$

—●— periodic model, x_n =new cases/day; $a=0.71$, $b=0.879$, $q=7$; $\|x^*-x\|_{\text{train}}=5660$; $\|x^*-x\|_{\text{test}}=8945$; $c_1=0.17$, $p_1=7$, $n_1=3$, $c_2=0.18$, $p_2=7$, $n_2=2$

■ ARIMA 95% Prediction Interval

■ United States, x_n =new cases/day, test set: from 07.01.2021 to 08.01.2021

■ United States, x_n =new cases/day, test set: from 06.01.2021 to 16.02.2021

