

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

— moving average  $x^*(3)$ ;  $\|x^*(3)-x\|_{\text{train}}=7869$ ;  $\|x^*(3)-x\|_{\text{test}}=3926$

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

