

—●— basic model,  $x_n$ =new cases/day;  $a=0.71$ ,  $b=0.756$ ,  $q=7$ ;  $r=0.992$ ;  $\|x^*-x\|_{\text{train}}=1247$ ;  $\|x^*-x\|_{\text{test}}=5126$

Italy,  $x_n^*$ =new cases/day, test set: from 03.01.2021 to 04.01.2021

Italy,  $x_n^*$ =new cases/day, test set: from 02.01.2021 to 16.02.2021

