

- 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
- basic model,  $x_n$ =new cases/day;  $a=0.71$ ,  $b=0.756$ ,  $q=7$ ;  $r=0.992$ ;  $\|x^*-x\|_{\text{train}}=1247$ ;  $\|x^*-x\|_{\text{test}}=5126$
- periodic model,  $x_n$ =new cases/day;  $a=0.71$ ,  $b=0.756$ ,  $q=7$ ;  $\|x^*-x\|_{\text{train}}=1183$ ;  $\|x^*-x\|_{\text{test}}=4767$ ;  $c_1=0.15$ ,  $p_1=4$ ,  $n_1=2$ ,  $c_2=0.1$ ,  $p_2=4$ ,  $n_2=3$
- moving average  $x^*(3)$ ;  $\|x^*(3)-x^*\|_{\text{train}}=1072$ ;  $\|x^*(3)-x^*\|_{\text{test}}=1034$

