



basic model, y_n =cumulative cases; $a=0.567$, $b=0.859$, $q=7$; $\|y^*-y\|_{\text{train}}=916$; $\|y^*-y\|_{\text{test}}=2902$



periodic model, y_n =cumulative cases; $a=0.567$, $b=0.859$, $q=7$; $\|y^*-y\|_{\text{train}}=1049$; $\|y^*-y\|_{\text{test}}=2576$; $c_1=0.04$, $p_1=4$, $n_1=4$, $c_2=0.04$, $p_2=5$, $n_2=5$



Ireland, y_n^* =cumulative cases, test set: from 13.01.2021 to 14.01.2021



Ireland, y_n^* =cumulative cases, actual till 12.01.2021 to 16.02.2021

