

Australia - Confirmed cases  $N(t)$  - Population: 24 982 688 people



Australia - Total confirmed cases  $N(t)$



Australia - Total deaths  $N(t)$

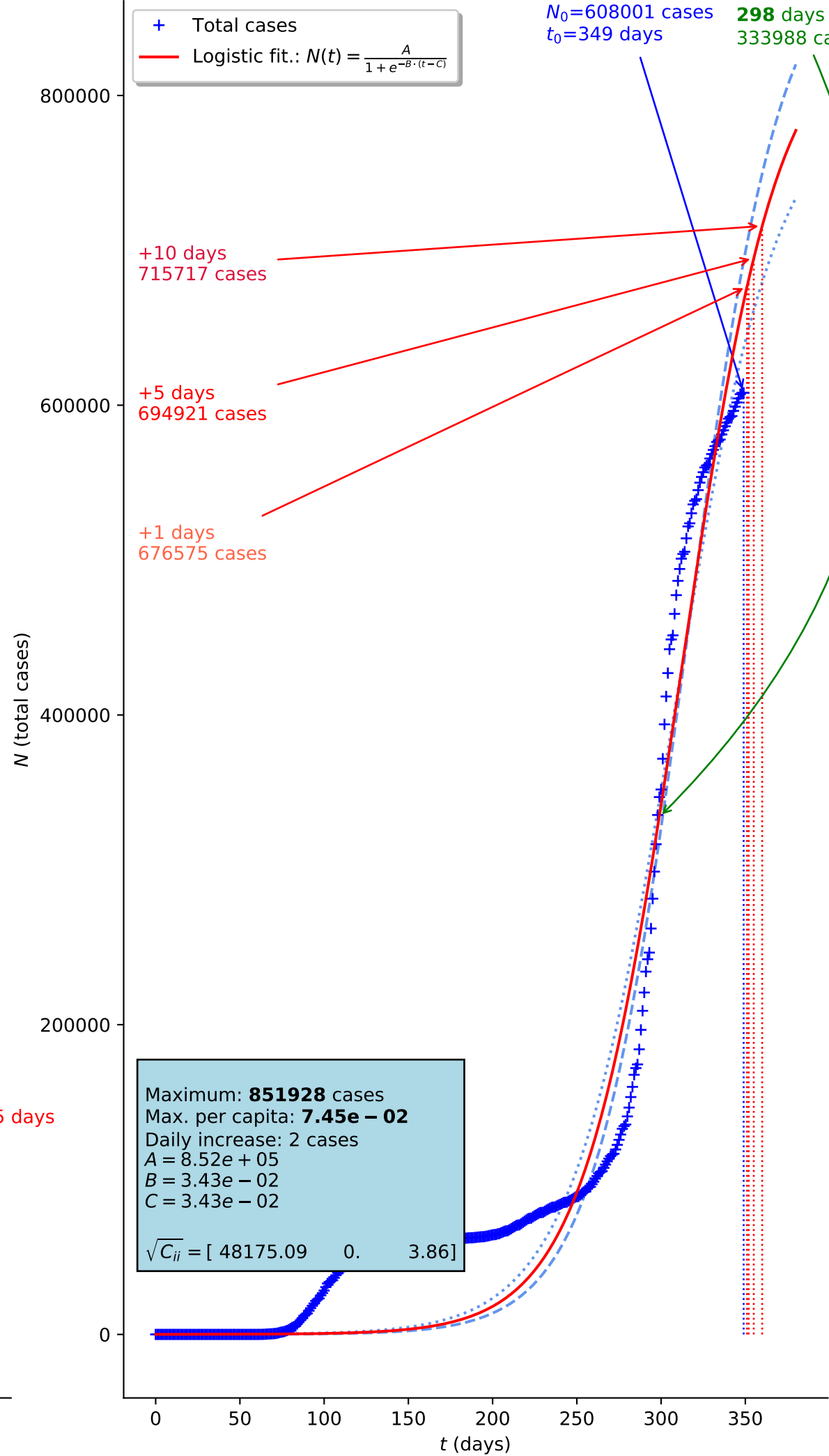




Belgium - Confirmed cases  $N(t)$  - Population: 11 433 256 people



Belgium - Total confirmed cases  $N(t)$



Belgium - Total deaths  $N(t)$



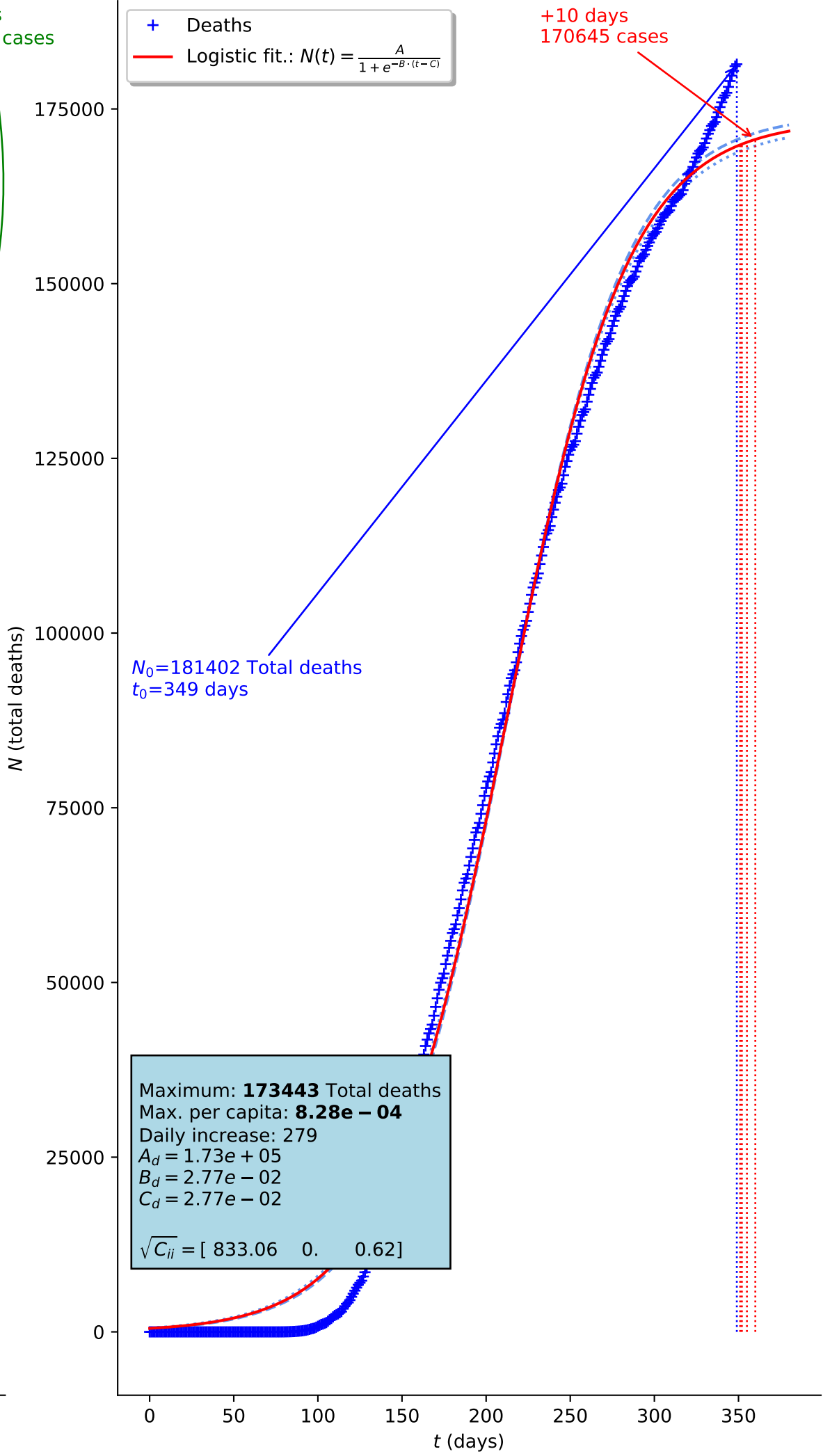
Brazil - Confirmed cases  $N(t)$  - Population: 209 469 333 people



Brazil - Total confirmed cases  $N(t)$



Brazil - Total deaths  $N(t)$



Cameroon - Confirmed cases  $N(t)$  - Population: 25 216 237 people



Cameroon - Total confirmed cases  $N(t)$



Canada - Confirmed cases  $N(t)$  - Population: 37 057 765 people







China - Confirmed cases  $N(t)$  - Population: 1 392 730 000 people



China - Total confirmed cases  $N(t)$



China - Total deaths  $N(t)$





Colombia - Confirmed cases  $N(t)$  - Population: 49 648 685 people



Colombia - Total confirmed cases  $N(t)$



Colombia - Total deaths  $N(t)$







Germany - Confirmed cases  $N(t)$  - Population: 82 905 782 people



India - Confirmed cases  $N(t)$  - Population: 1 352 617 328 people



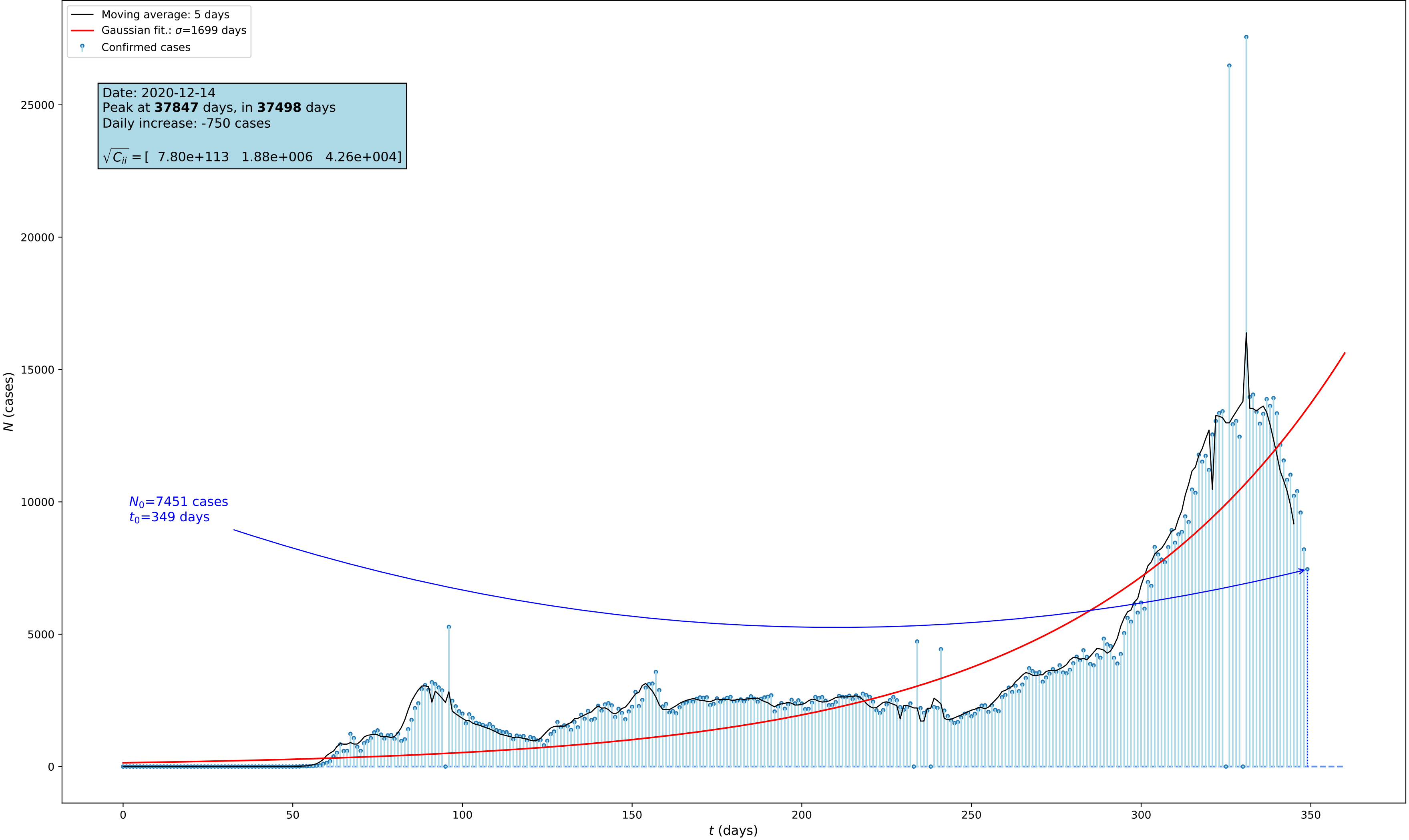
India - Total confirmed cases  $N(t)$



India - Total deaths  $N(t)$



Iran - Confirmed cases  $N(t)$  - Population: 81 800 269 people





Ireland - Confirmed cases  $N(t)$  - Population: 4 867 309 people



Ireland - Total confirmed cases  $N(t)$



Ireland - Total deaths  $N(t)$





Italy - Confirmed cases  $N(t)$  - Population: 60 421 760 people



Japan - Confirmed cases  $N(t)$  - Population: 126 529 100 people



Japan - Total confirmed cases  $N(t)$



Japan - Total deaths  $N(t)$



— Moving average: 5 days  
— Gaussian fit.:  $\sigma=140$  days  
• Confirmed cases

Date: 2020-12-14  
Peak at **328** days, in **-20** days  
Daily increase: -3449 cases

$\sqrt{C_{ij}} = [323.33 \quad 22.85 \quad 15.68]$

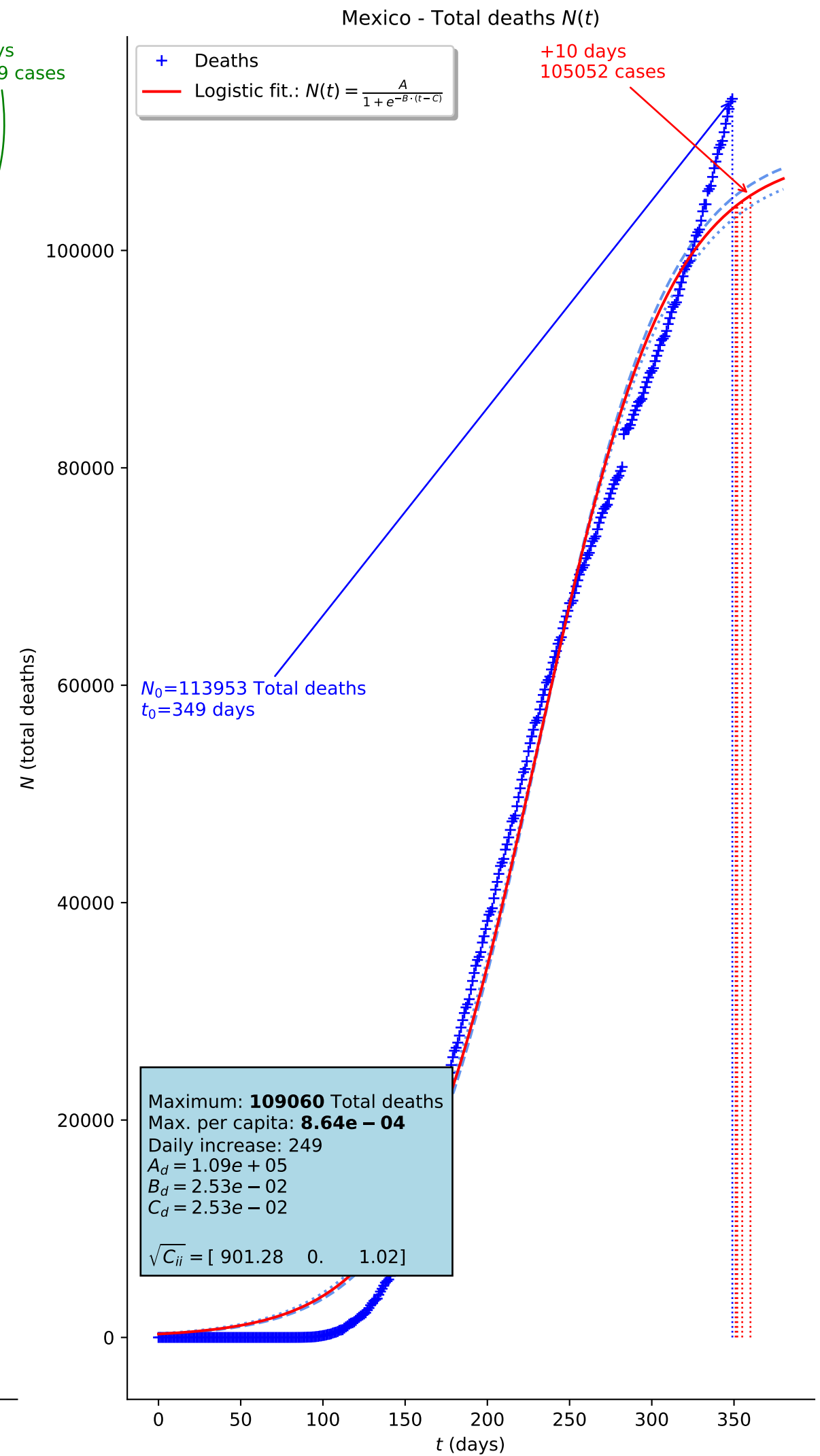
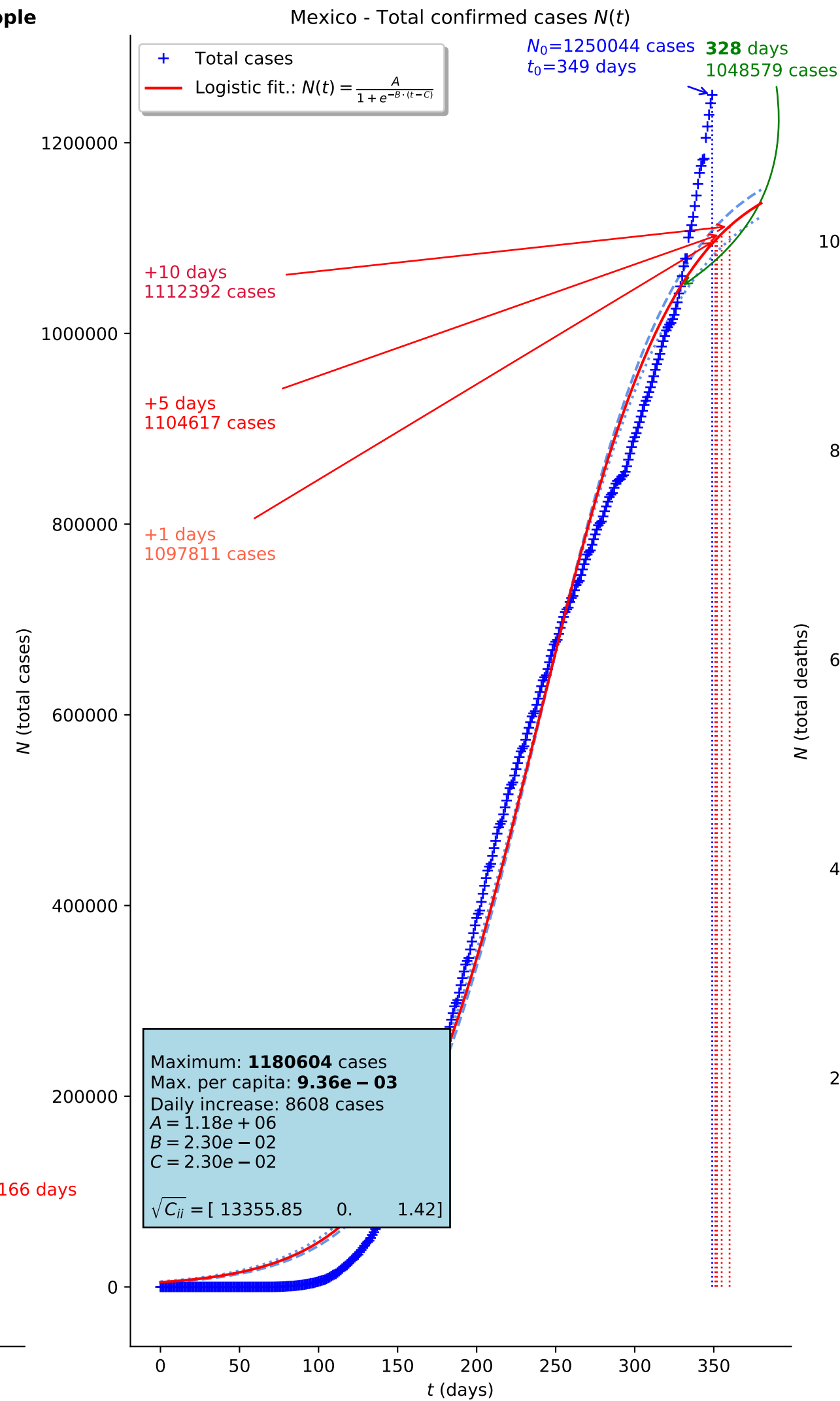
$N_{max}=6710$  cases  
 $t_{max}=328$  days

$N_0=8608$  cases  
 $t_0=349$  days

$\frac{FWHM}{2} = 160$  days

$N$  (total cases)

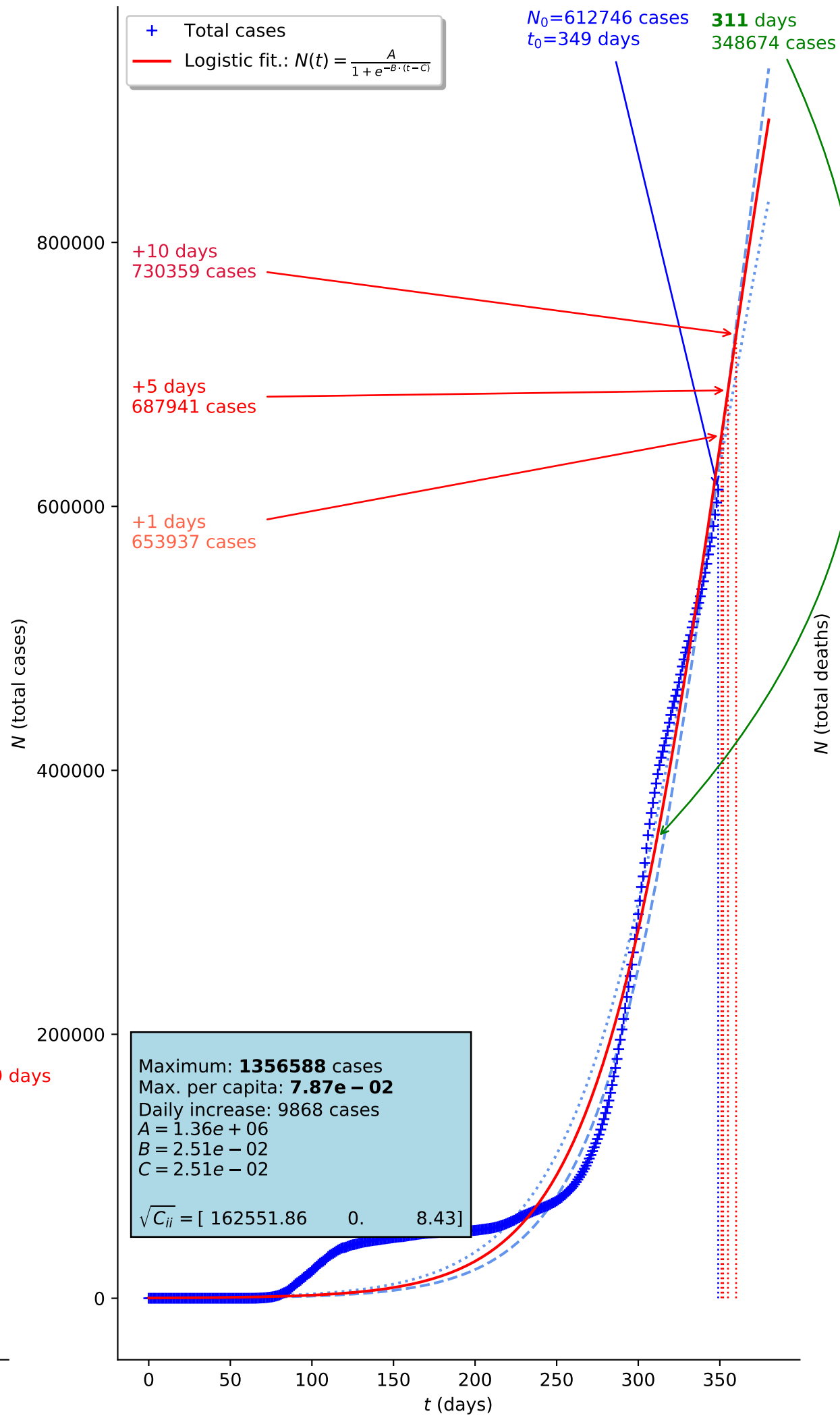
$t$  (days)



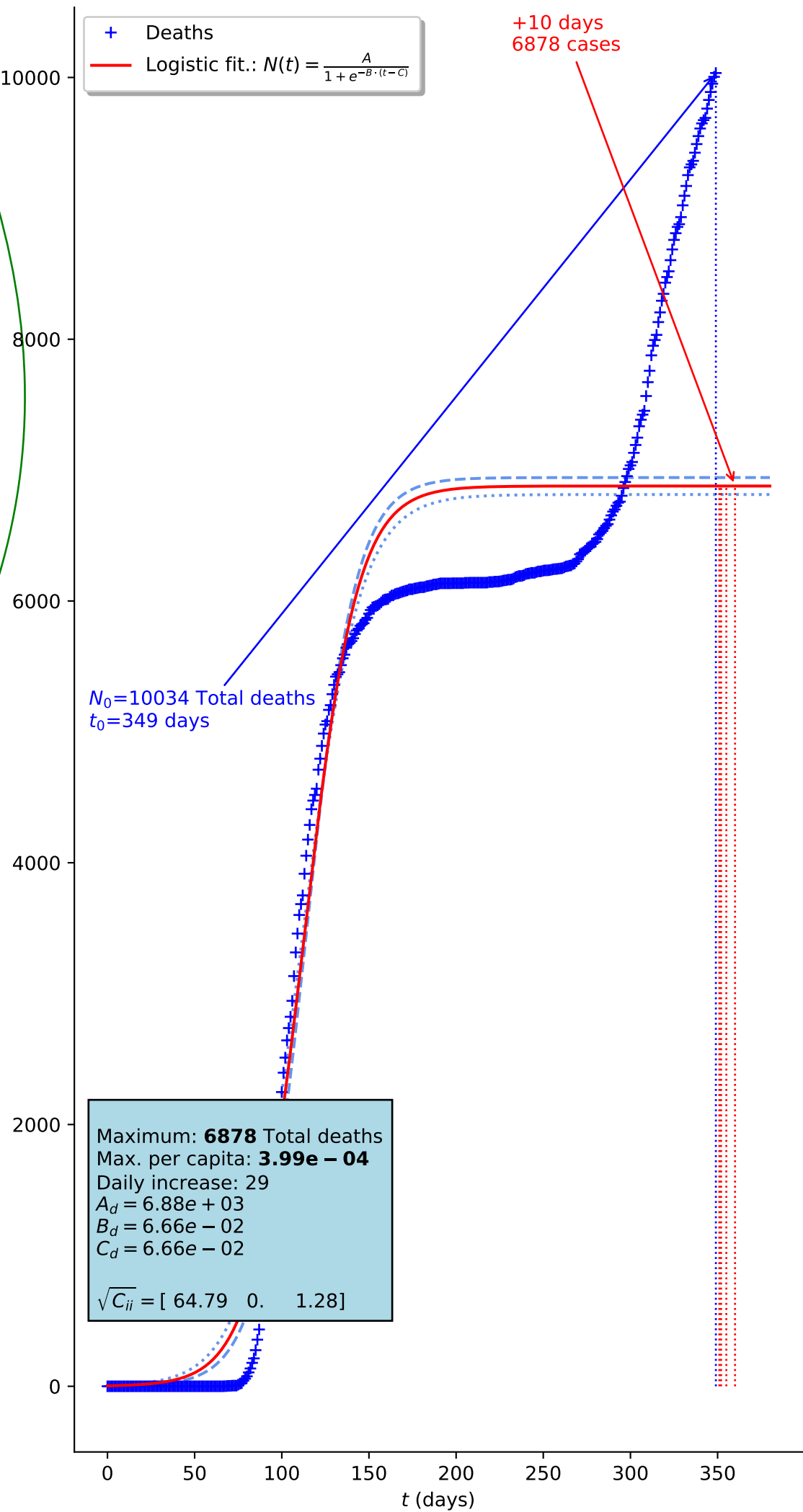
Netherlands - Confirmed cases  $N(t)$  - Population: 17 231 624 people



Netherlands - Total confirmed cases  $N(t)$



Netherlands - Total deaths  $N(t)$





Niger - Confirmed cases  $N(t)$  - Population: 22 442 948 people



Norway - Confirmed cases  $N(t)$  - Population: 5 311 916 people





Portugal - Confirmed cases  $N(t)$  - Population: 10 283 822 people



Russia - Confirmed cases  $N(t)$  - Population: 144 478 050 people



Russia - Total confirmed cases  $N(t)$



Russia - Total deaths  $N(t)$



Slovenia - Confirmed cases  $N(t)$  - Population: 2 073 894 people



Slovenia - Total confirmed cases  $N(t)$







South\_Korea - Confirmed cases  $N(t)$  - Population: 51 606 633 people

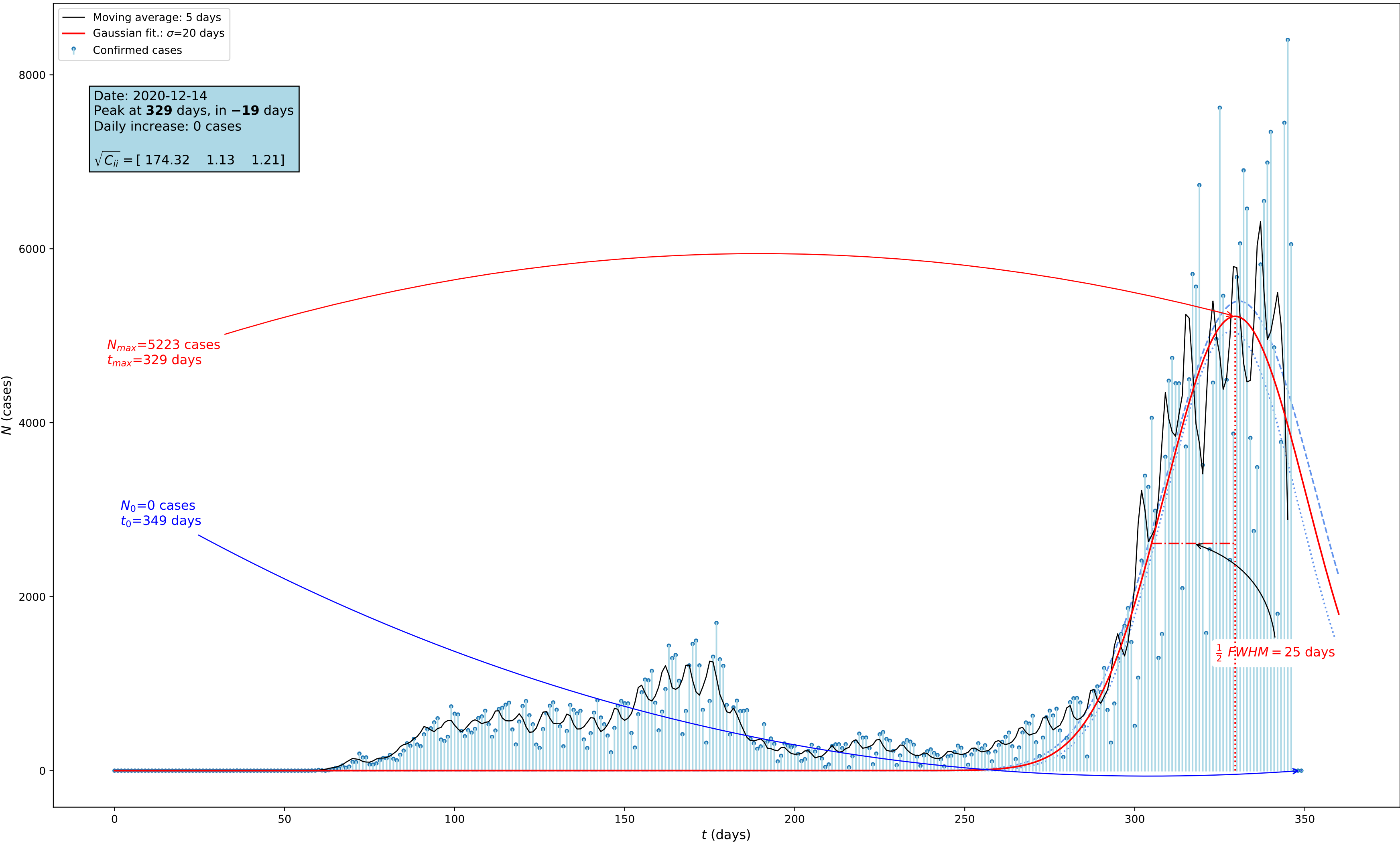


South\_Korea - Total confirmed cases  $N(t)$





Sweden - Confirmed cases  $N(t)$  - Population: 10 175 214 people



# Switzerland - Confirmed cases $N(t)$ - Population: 8 513 227 people



Turkey - Confirmed cases  $N(t)$  - Population: 82 319 724 people





United\_Kingdom - Confirmed cases  $N(t)$  - Population: 66 460 344 people



United\_States\_of\_America - Confirmed cases  $N(t)$  - Population: 326 687 501 people



United\_States\_of\_America - Total confirmed cases  $N(t)$



United\_States\_of\_America - Total deaths  $N(t)$



Venezuela - Confirmed cases  $N(t)$  - Population: 28 870 195 people



Venezuela - Total confirmed cases  $N(t)$



Venezuela - Total deaths  $N(t)$

