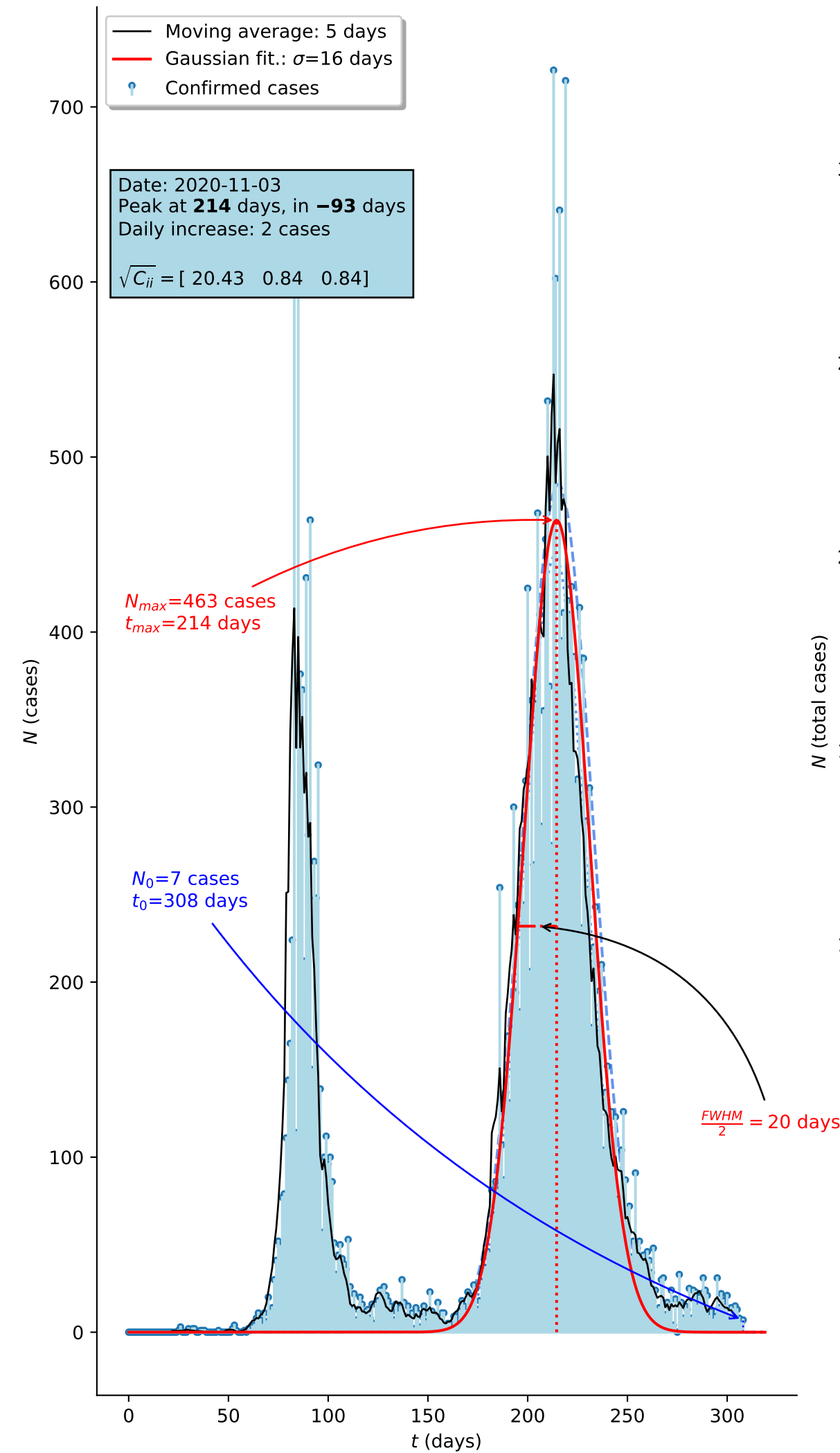
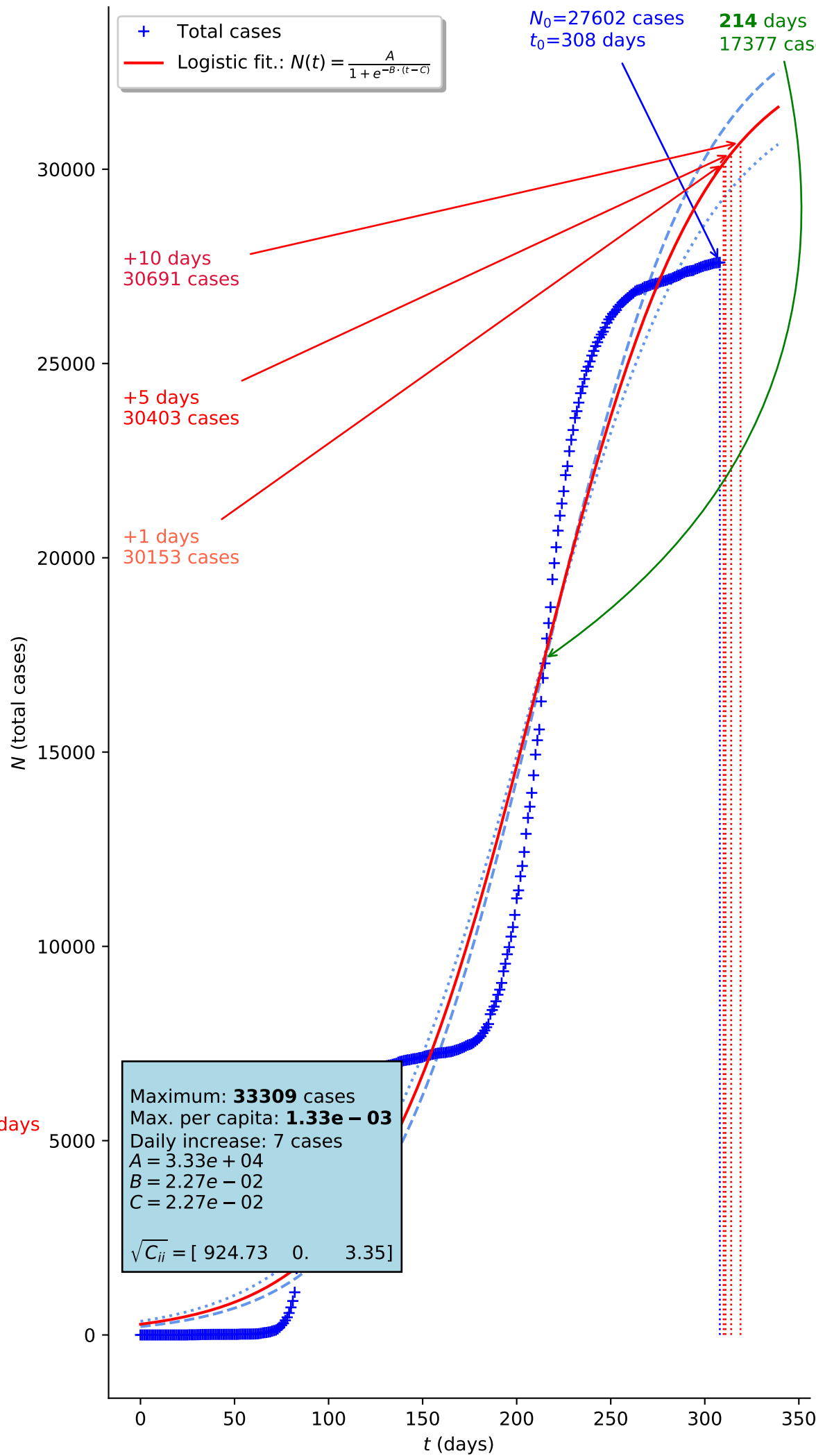


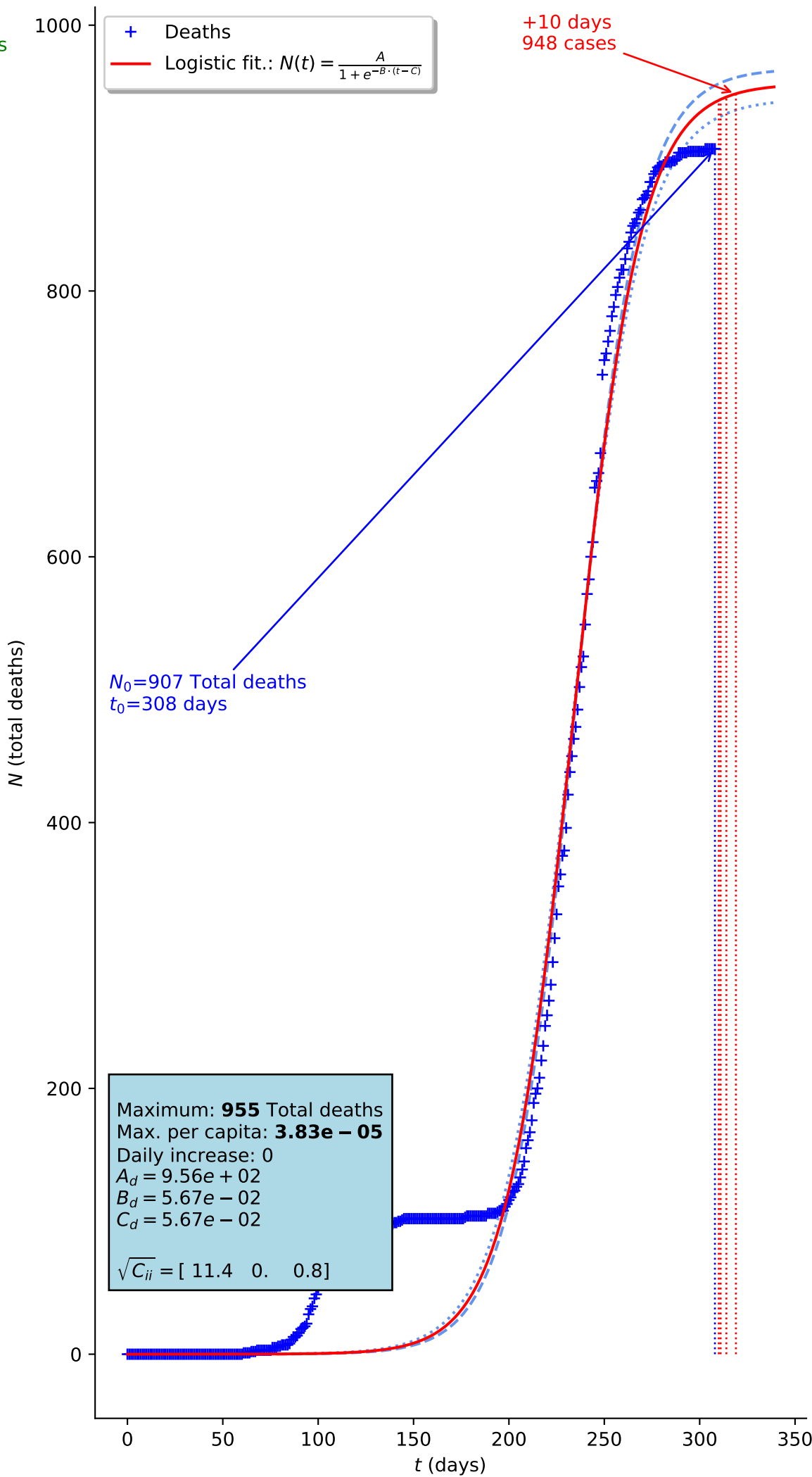
Australia - Confirmed cases  $N(t)$  - Population: 24 982 688 people



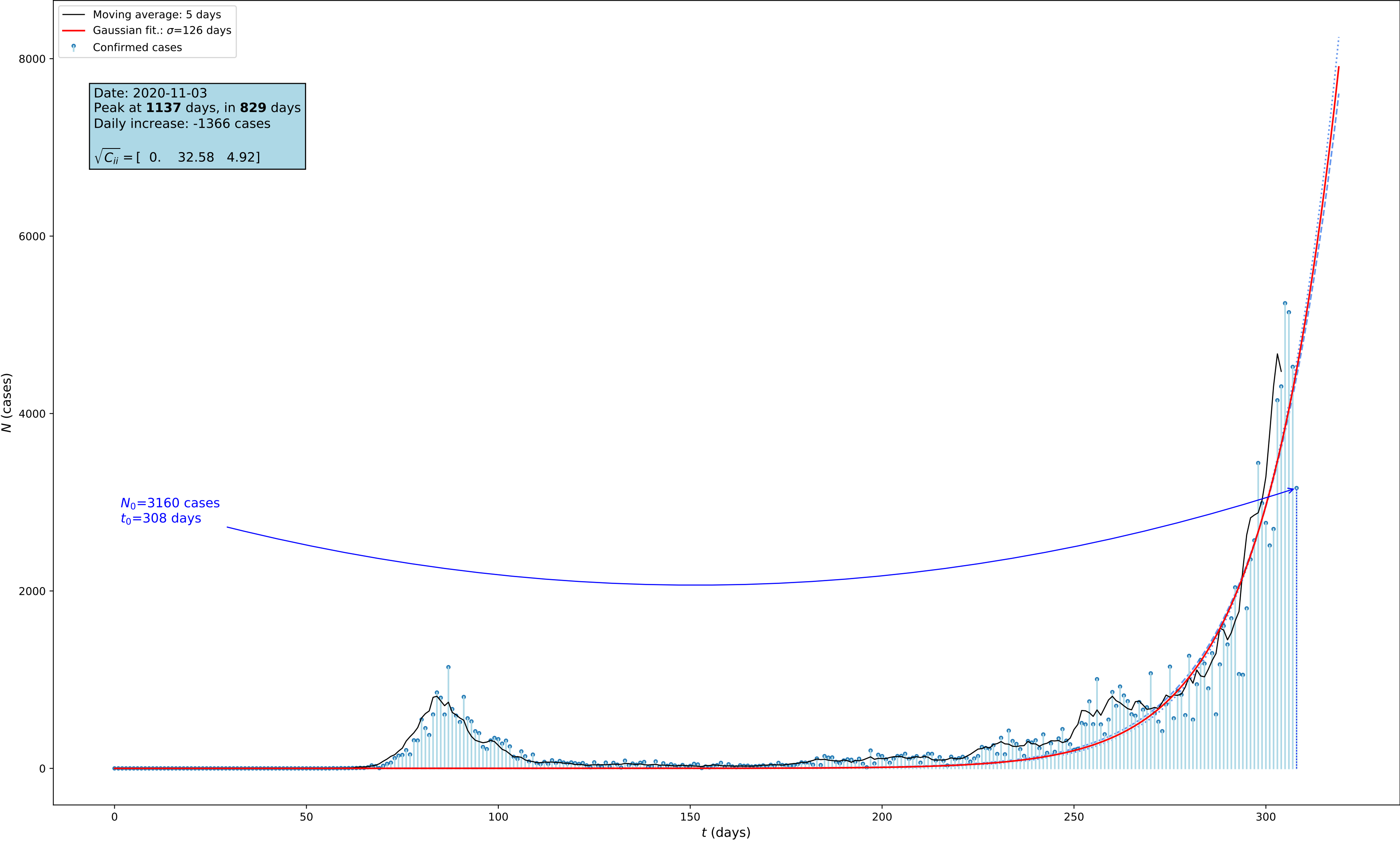
Australia - Total confirmed cases  $N(t)$



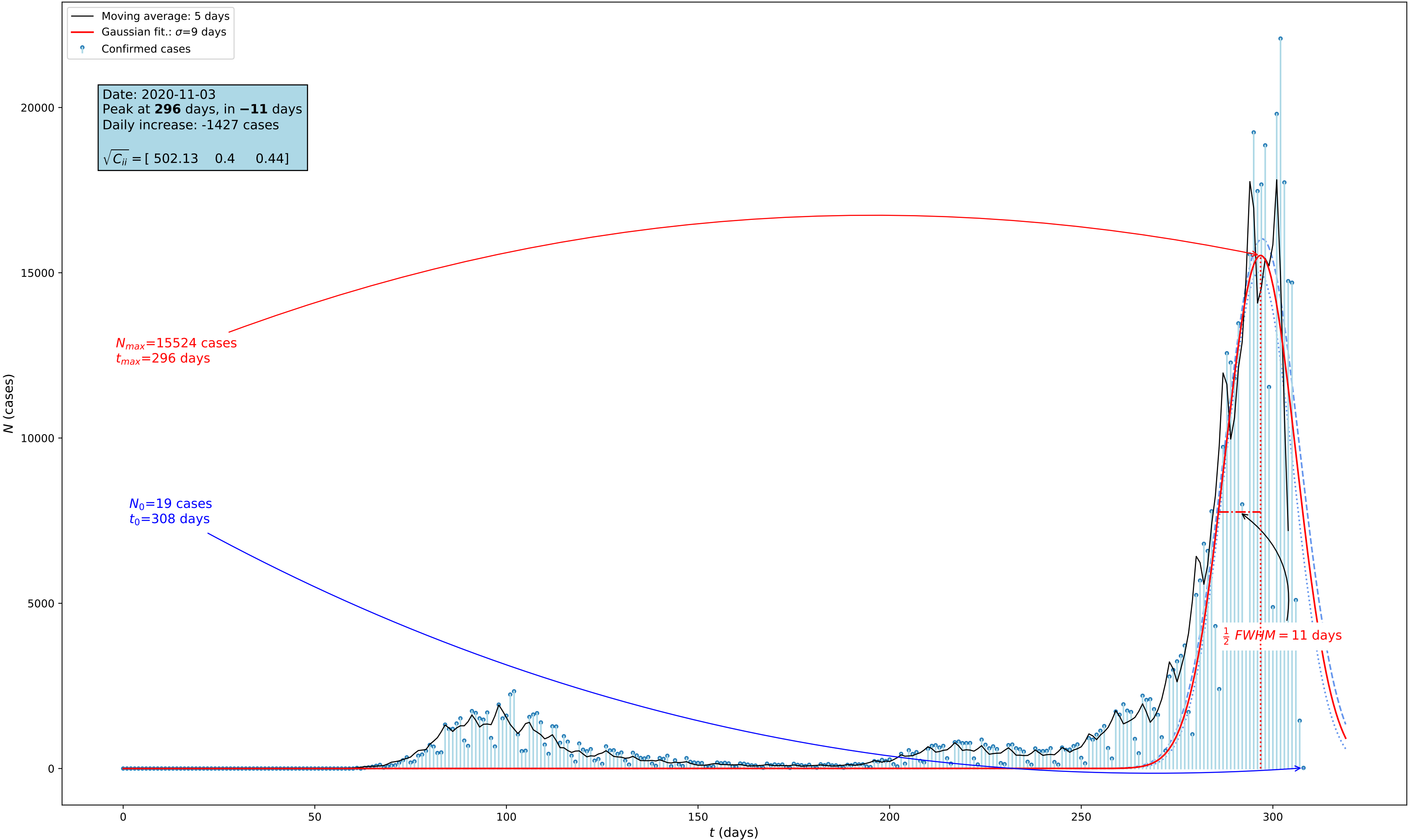
Australia - Total deaths  $N(t)$



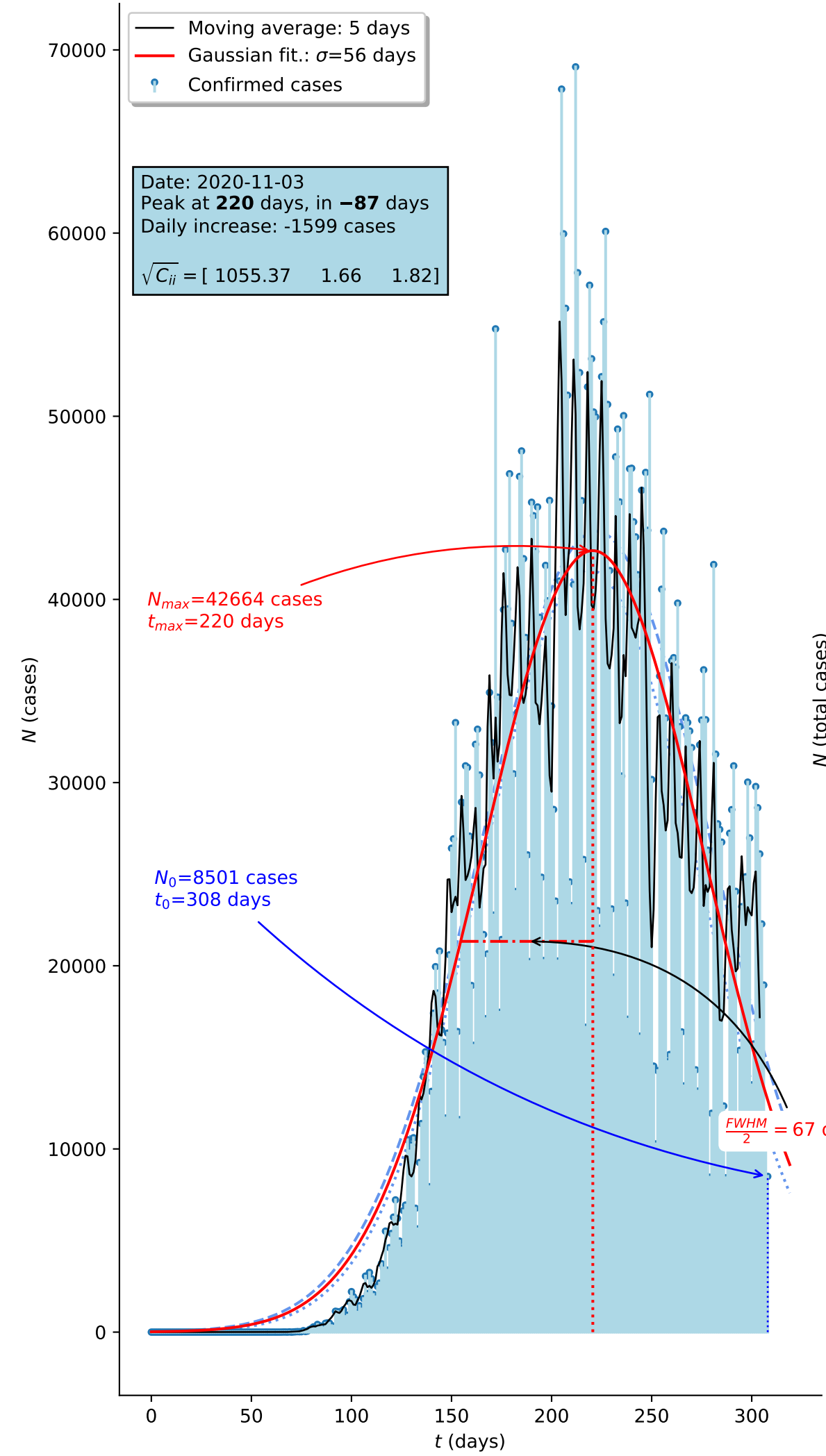
Austria - Confirmed cases  $N(t)$  - Population: 8 840 521 people



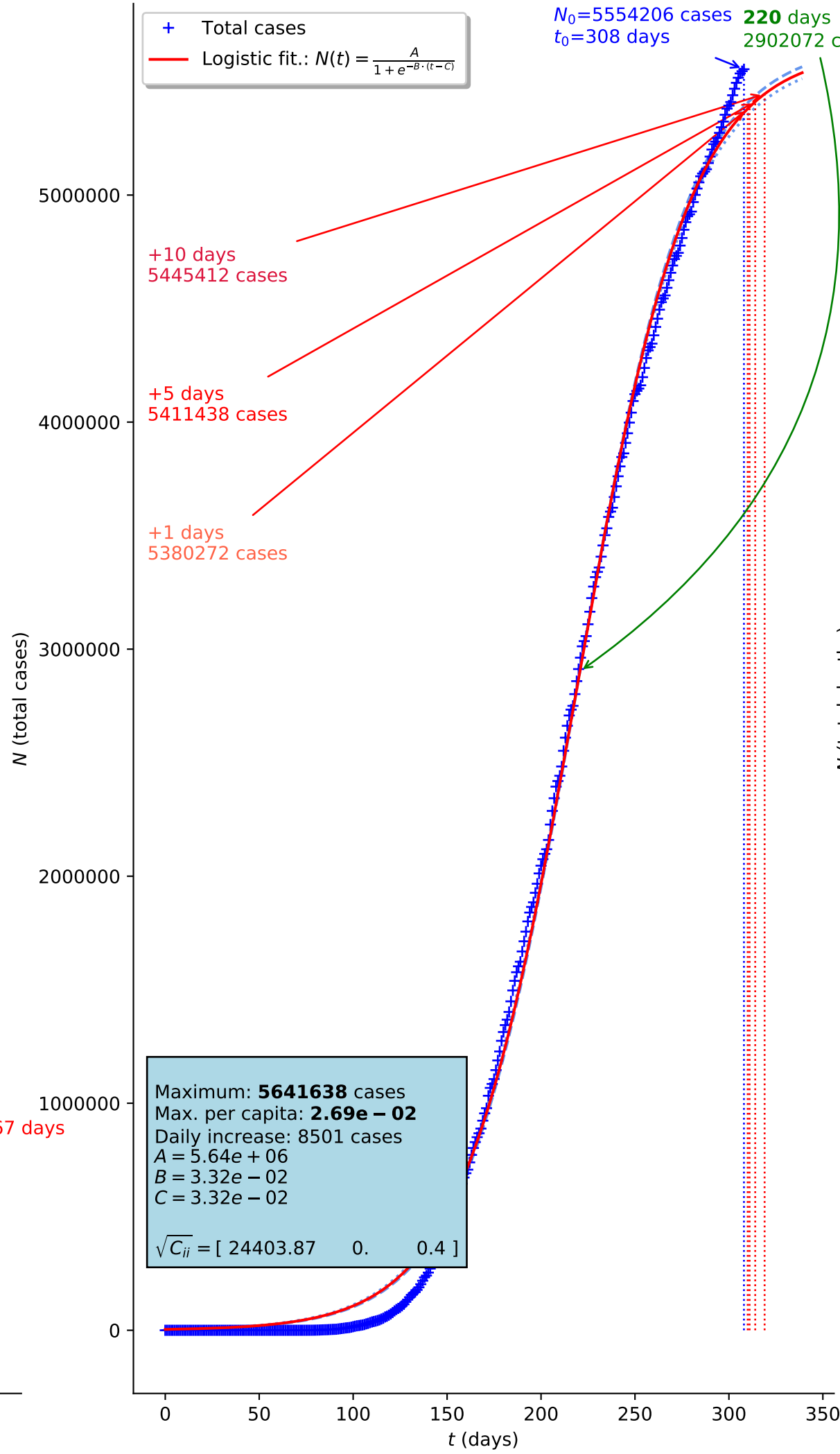
Belgium - Confirmed cases  $N(t)$  - Population: 11 433 256 people



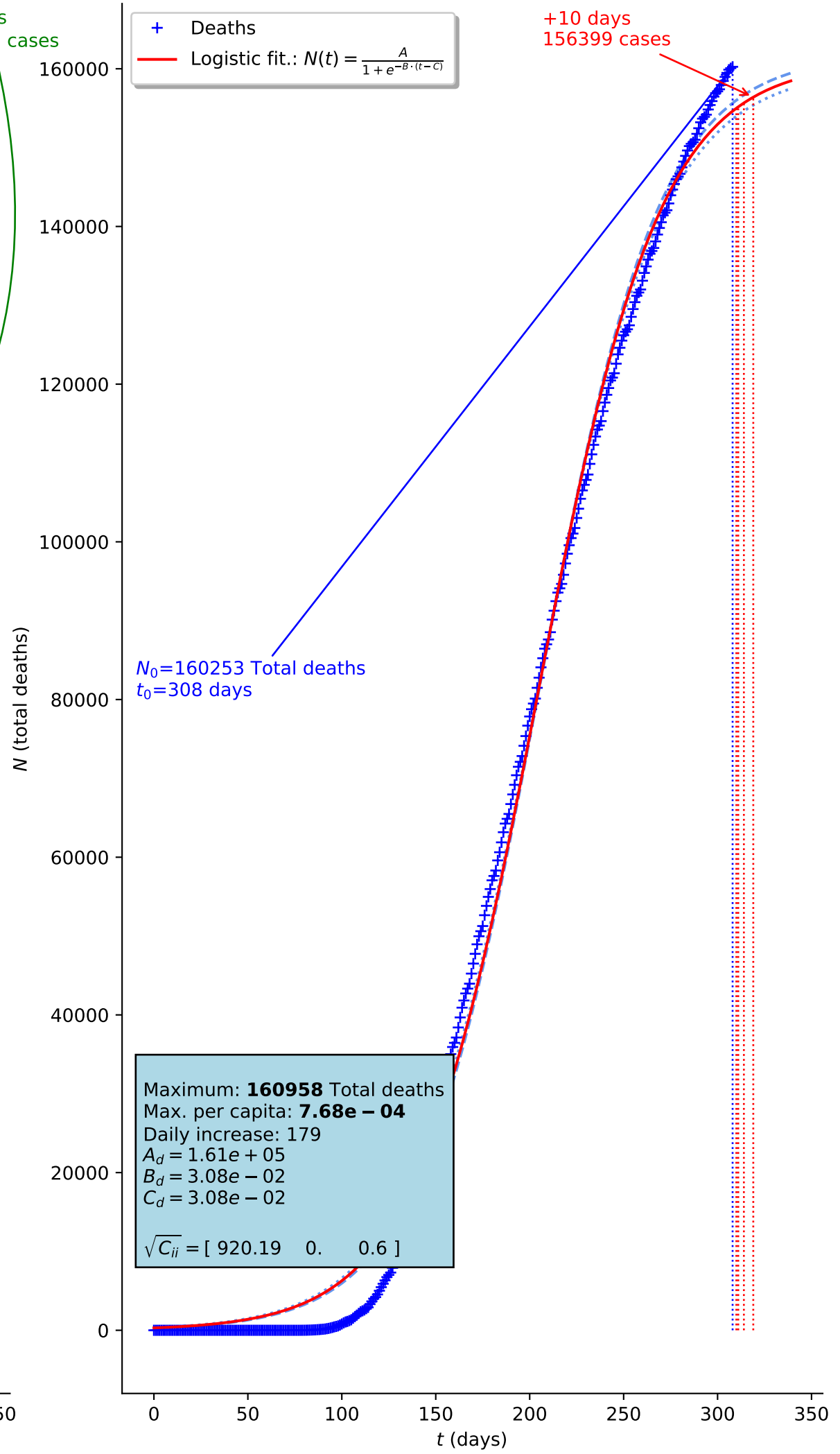
Brazil - Confirmed cases  $N(t)$  - Population: 209 469 333 people



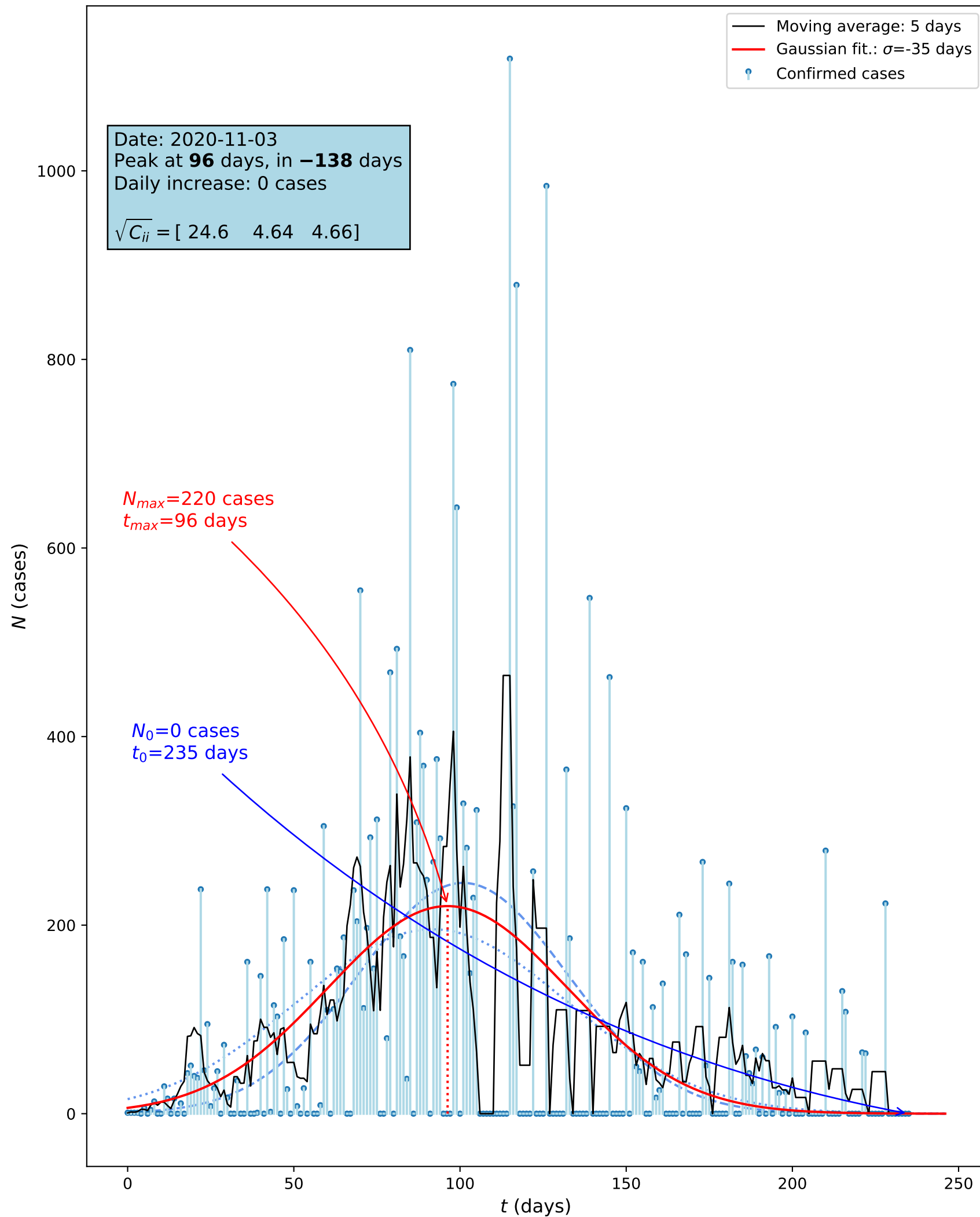
Brazil - Total confirmed cases  $N(t)$



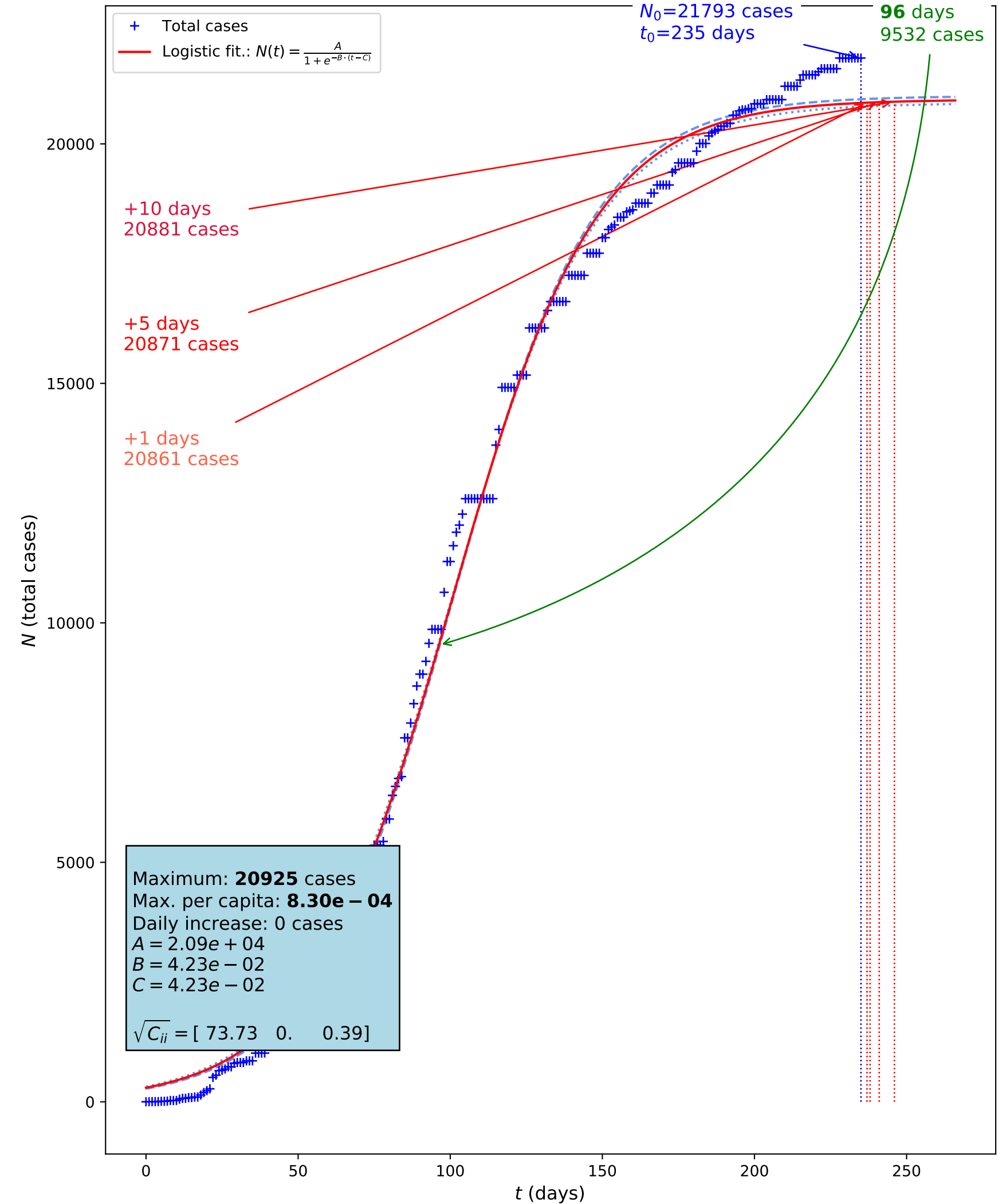
Brazil - Total deaths  $N(t)$



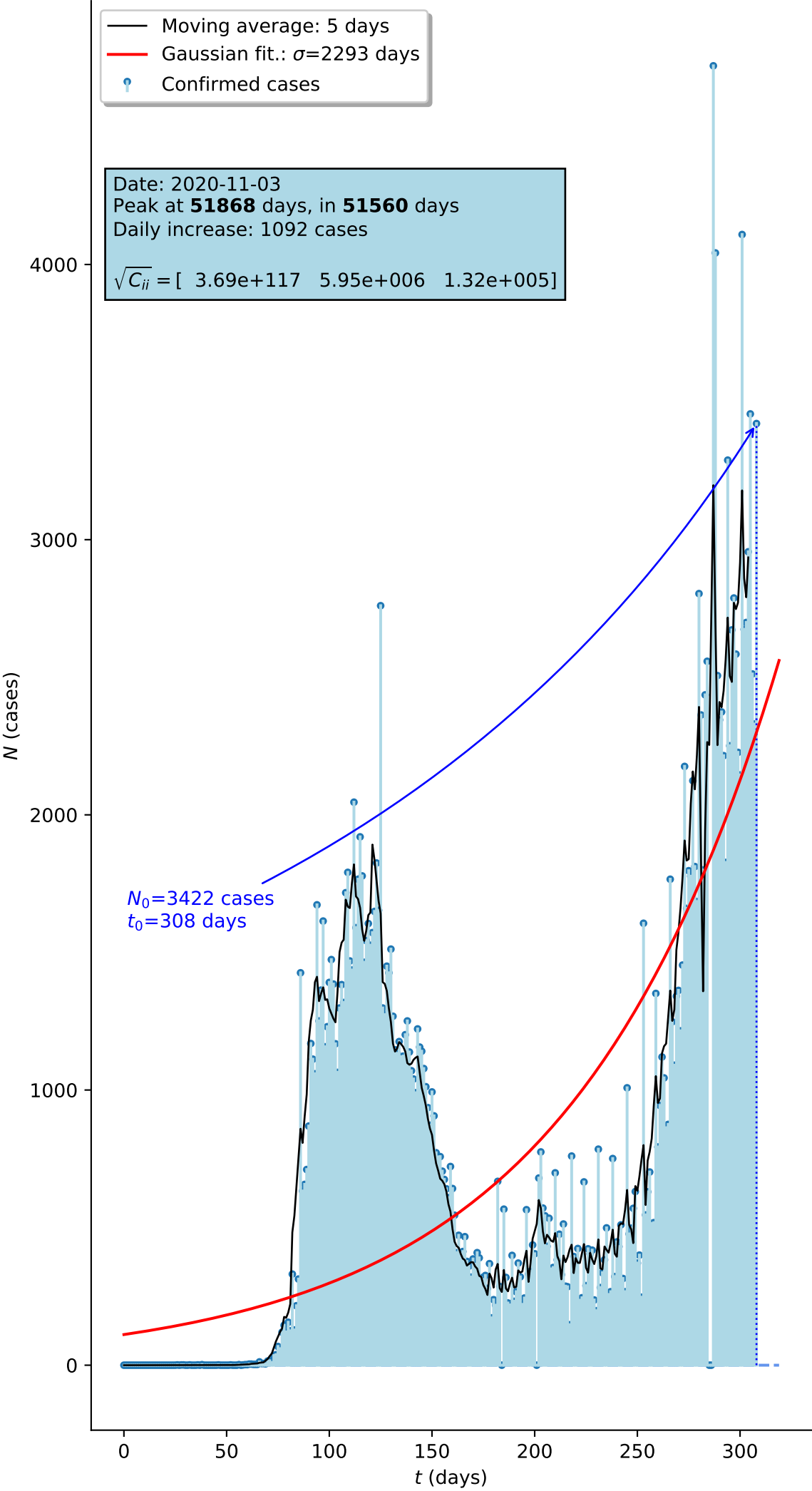
Cameroon - Confirmed cases  $N(t)$  - Population: 25 216 237 people



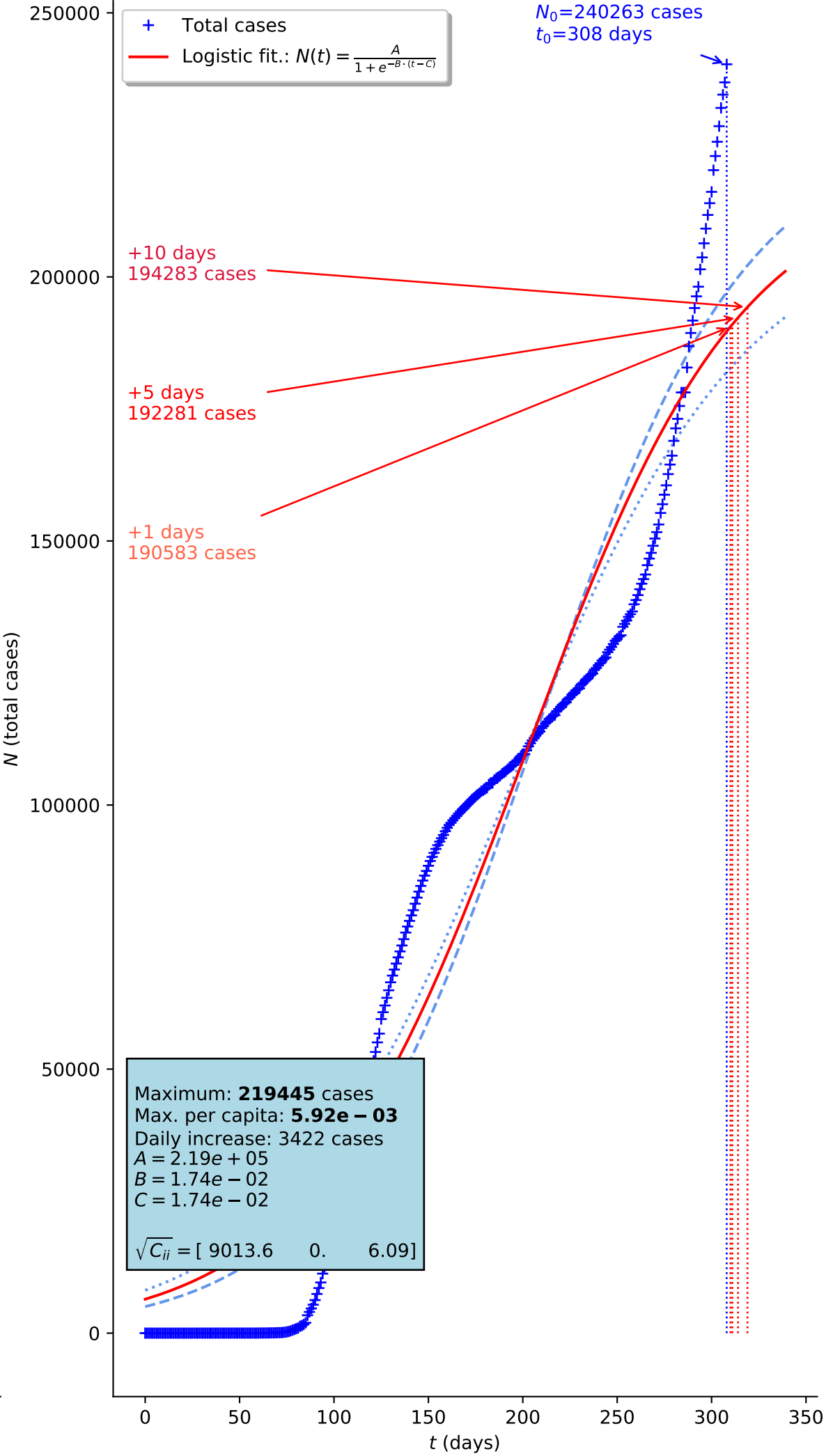
Cameroon - Total confirmed cases  $N(t)$



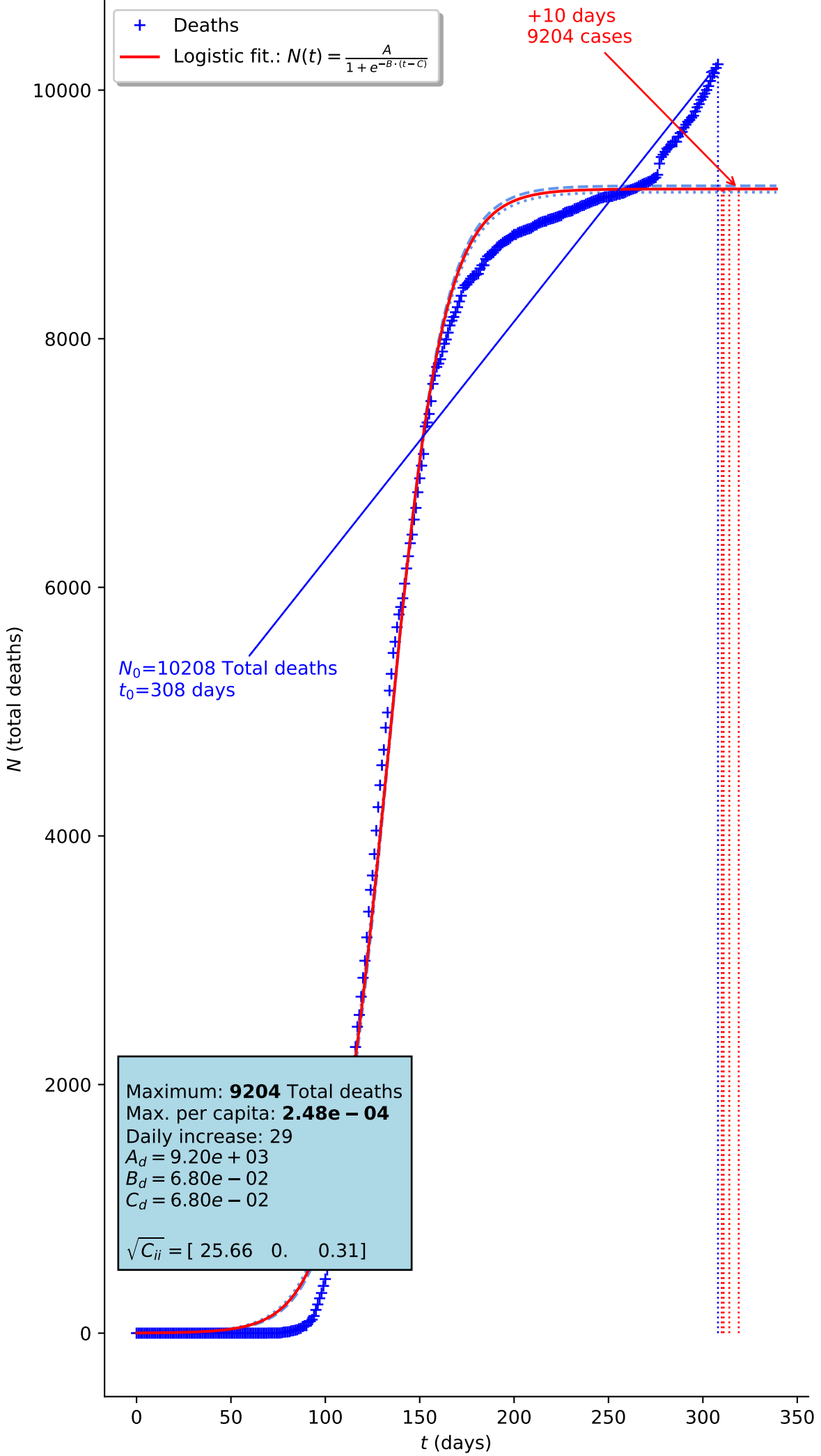
Canada - Confirmed cases  $N(t)$  - Population: 37 057 765 people



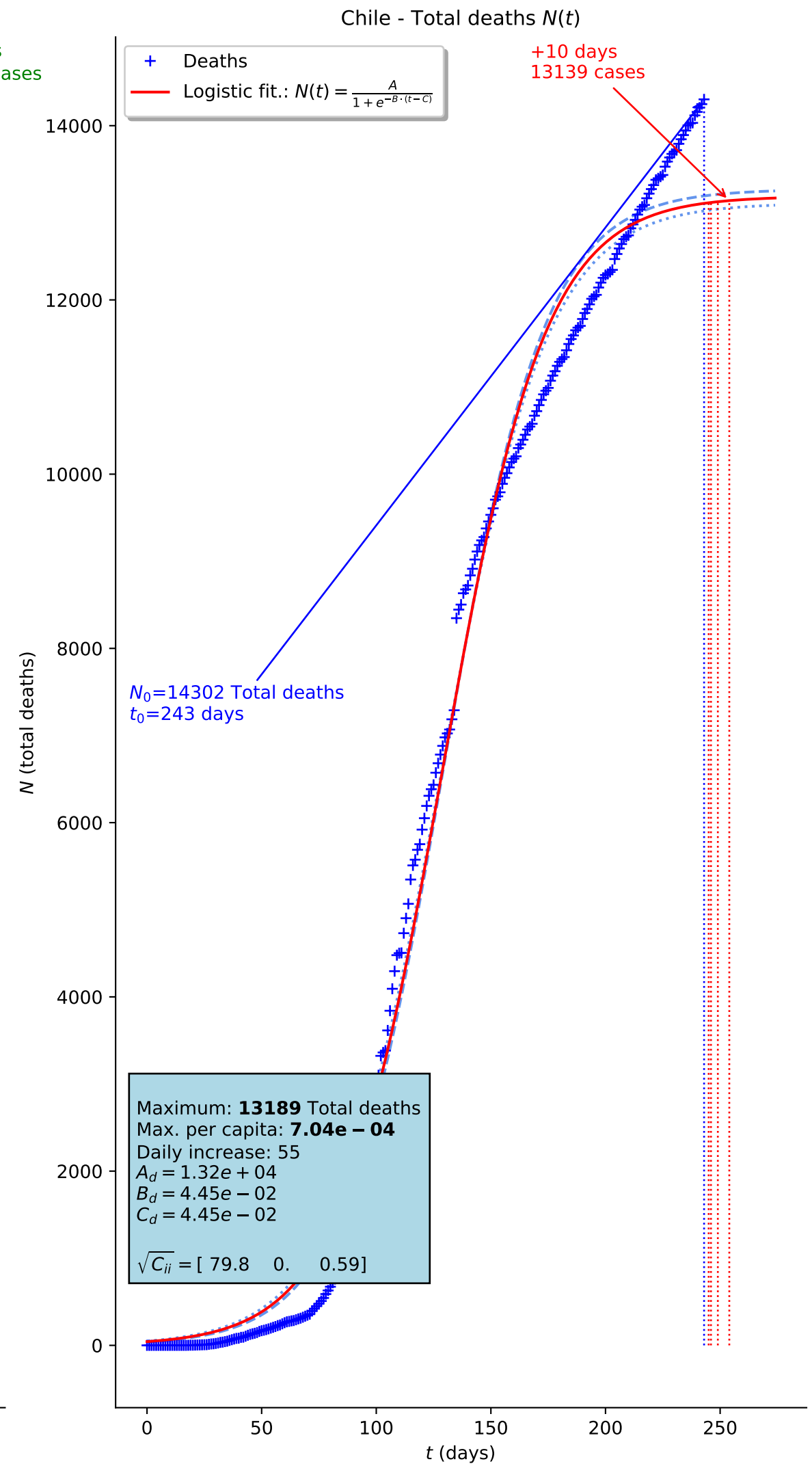
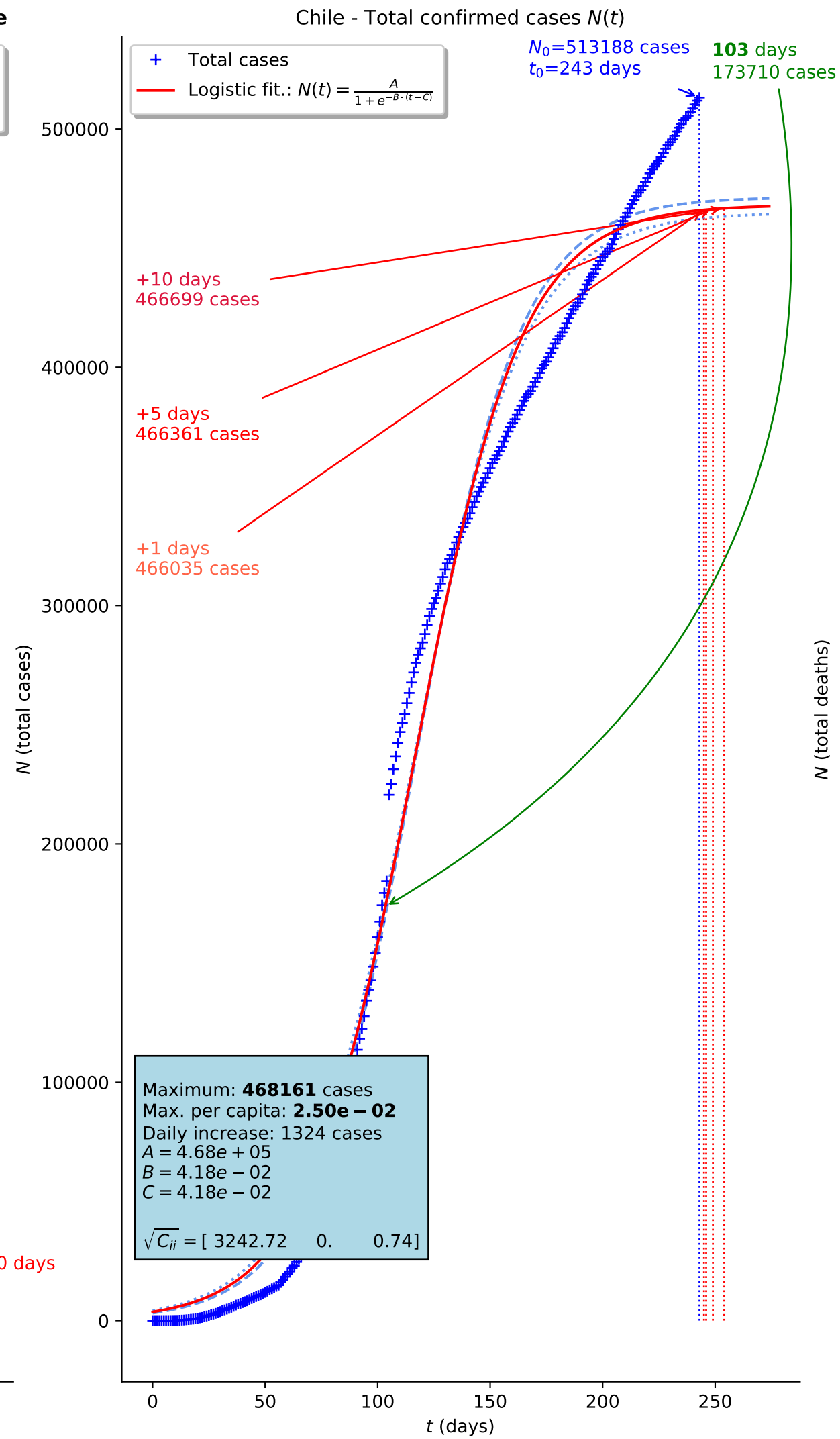
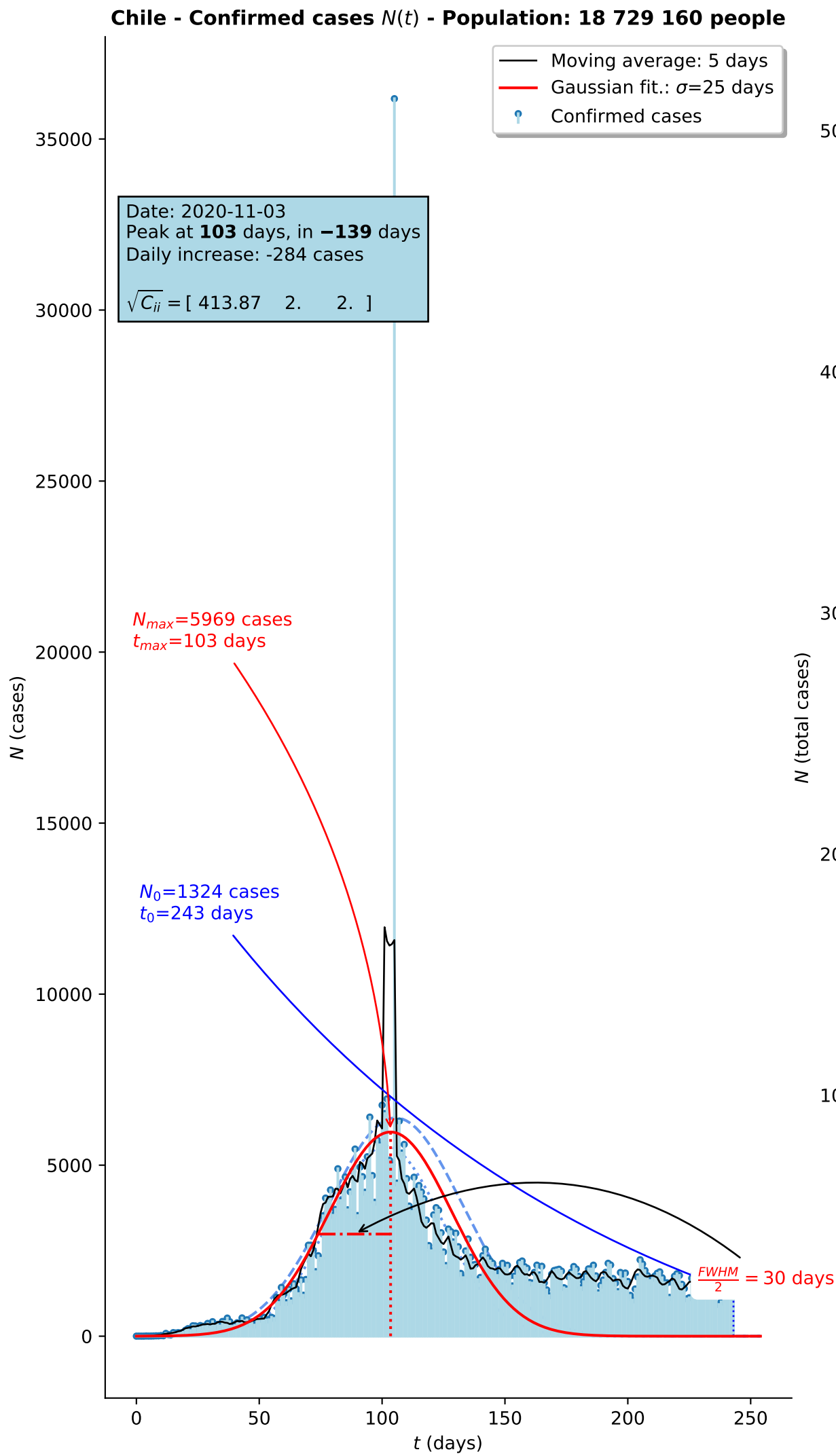
Canada - Total confirmed cases  $N(t)$



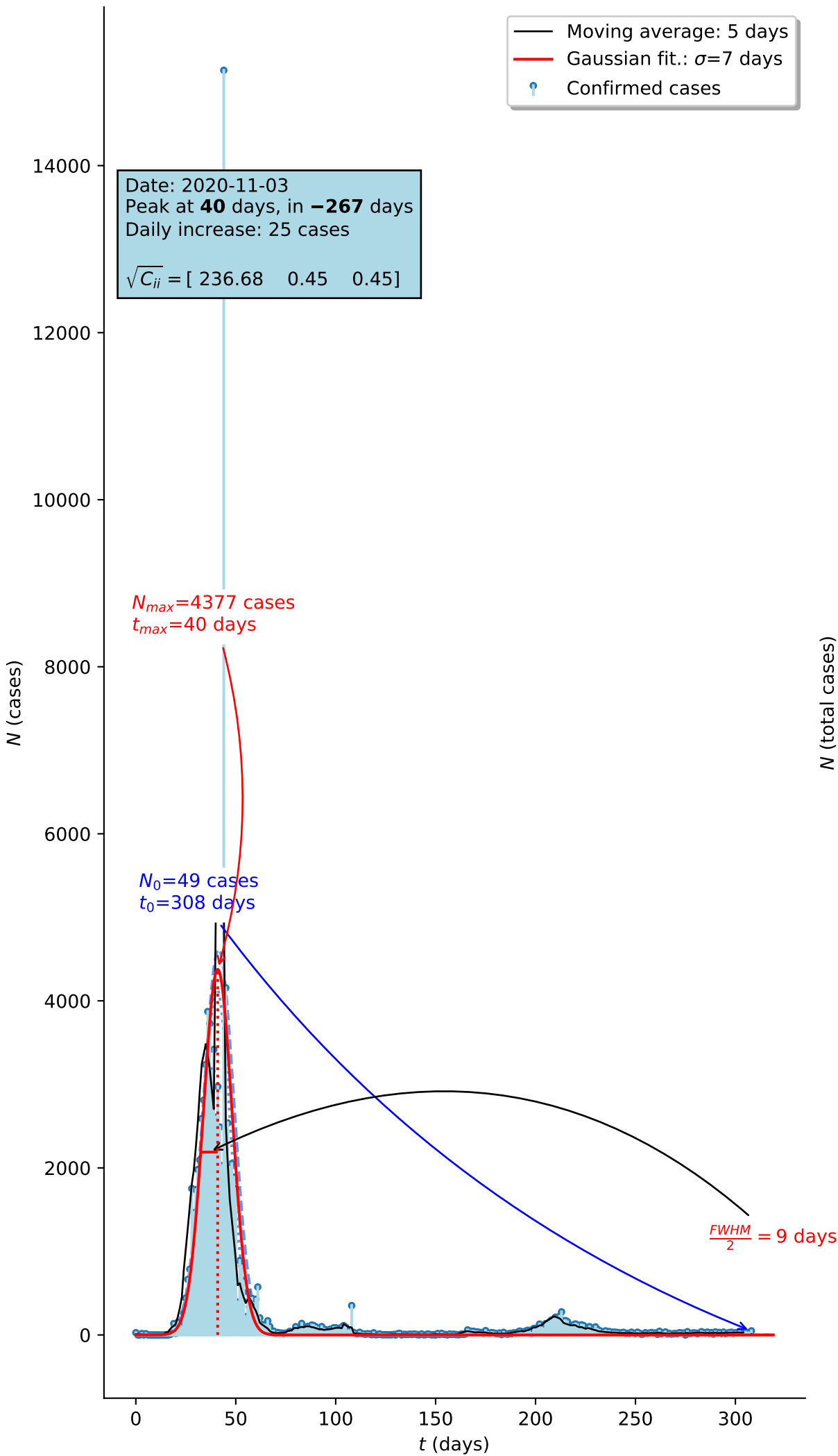
Canada - Total deaths  $N(t)$



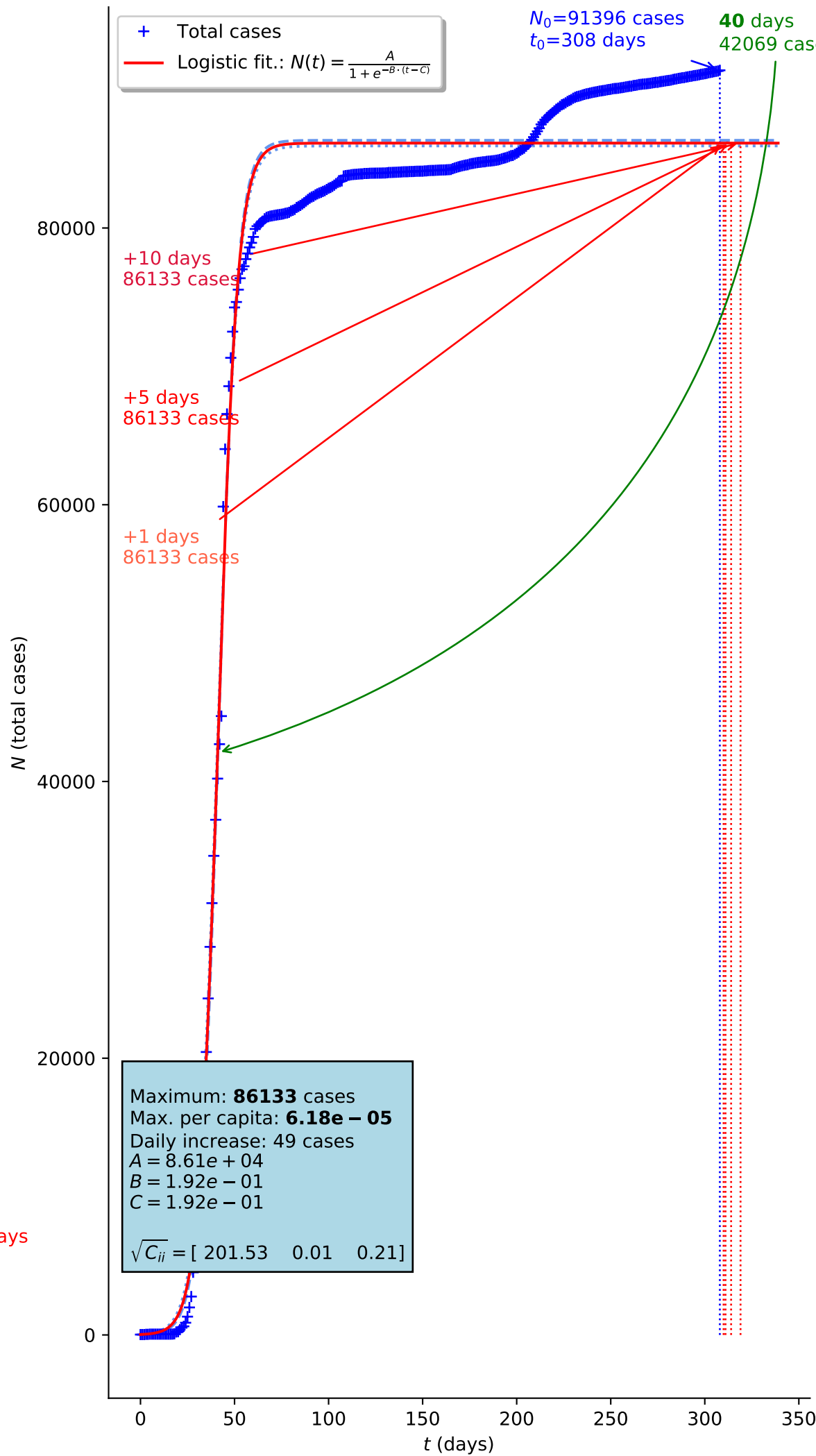




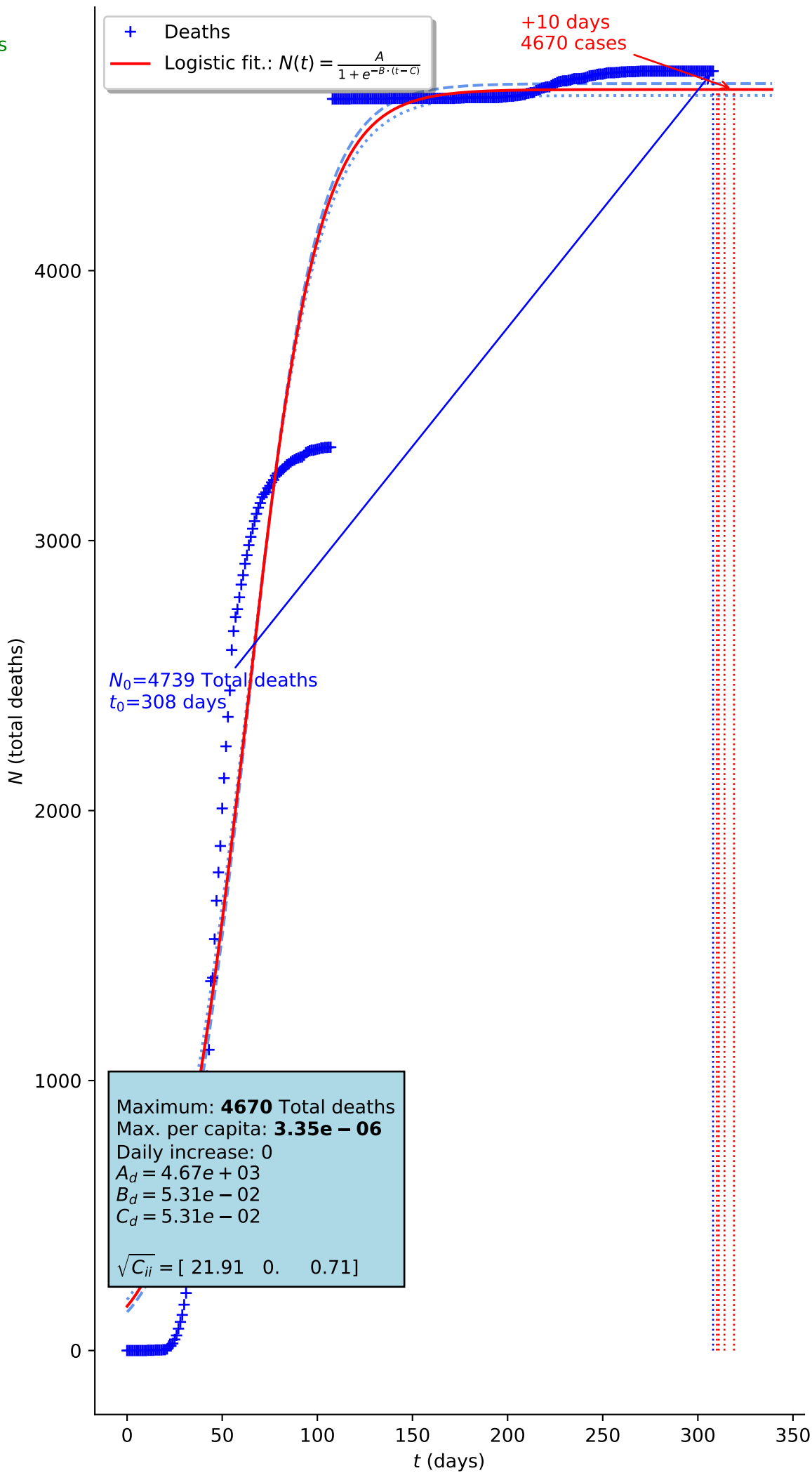
China - Confirmed cases  $N(t)$  - Population: 1 392 730 000 people



China - Total confirmed cases  $N(t)$

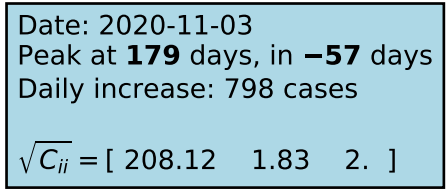


China - Total deaths  $N(t)$

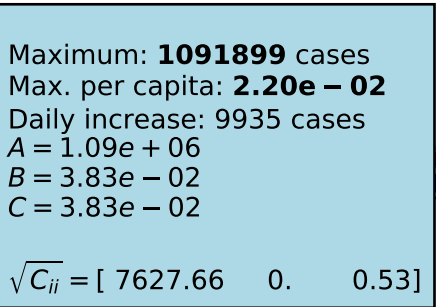




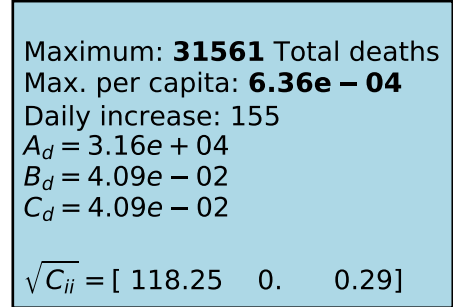
- Moving average: 5 days
- Gaussian fit.:  $\sigma=55$  days
- Confirmed cases

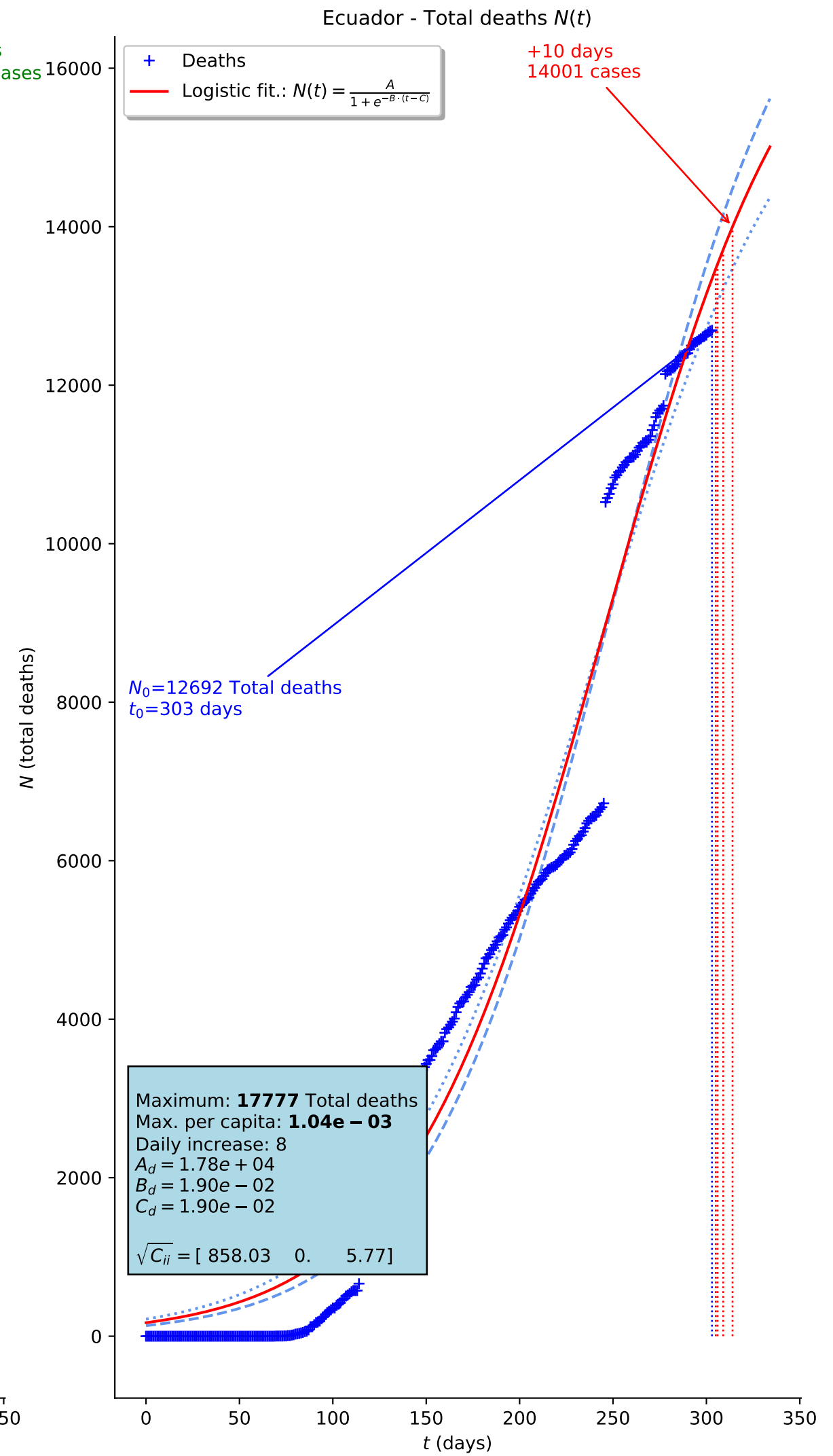
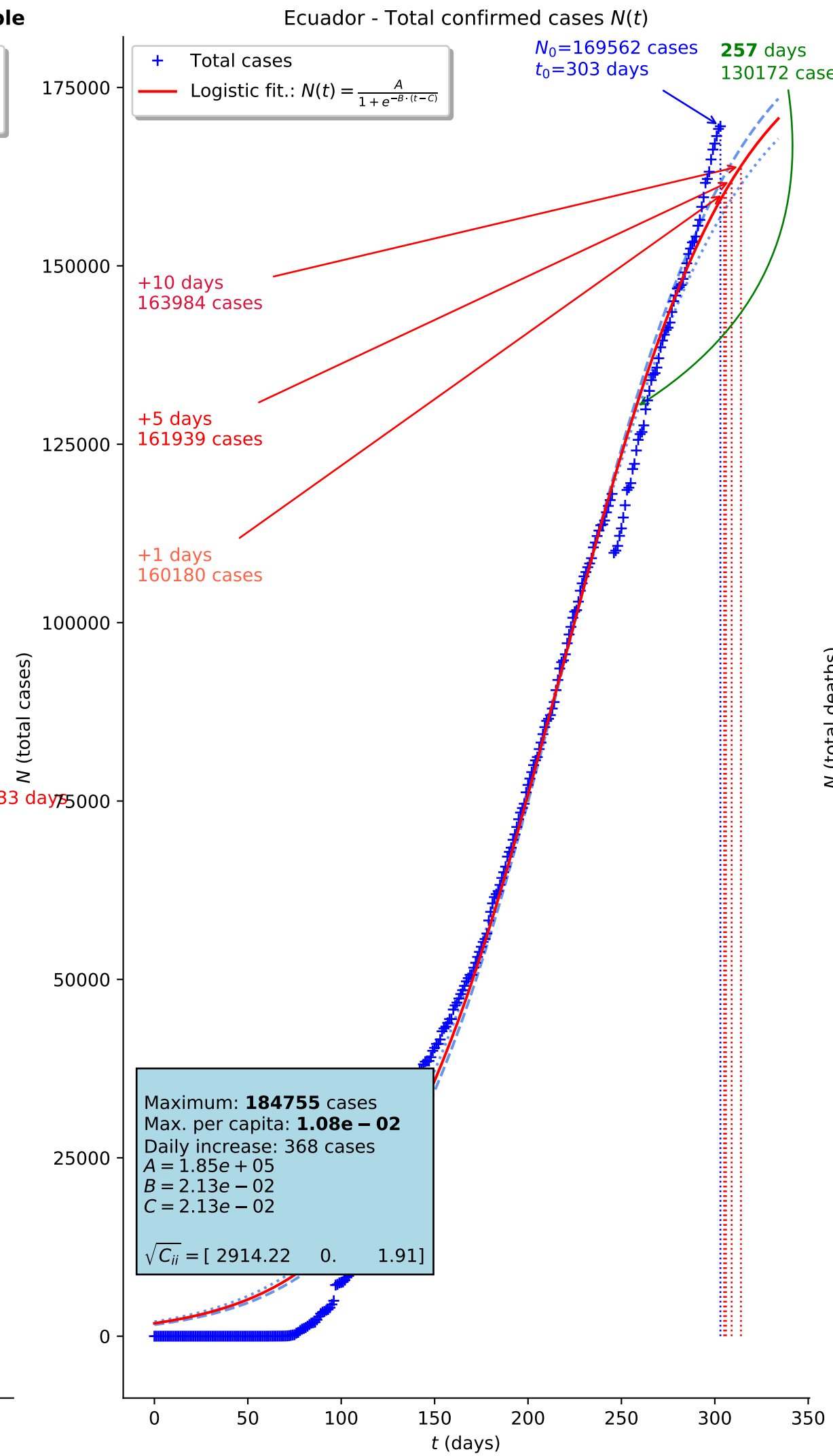
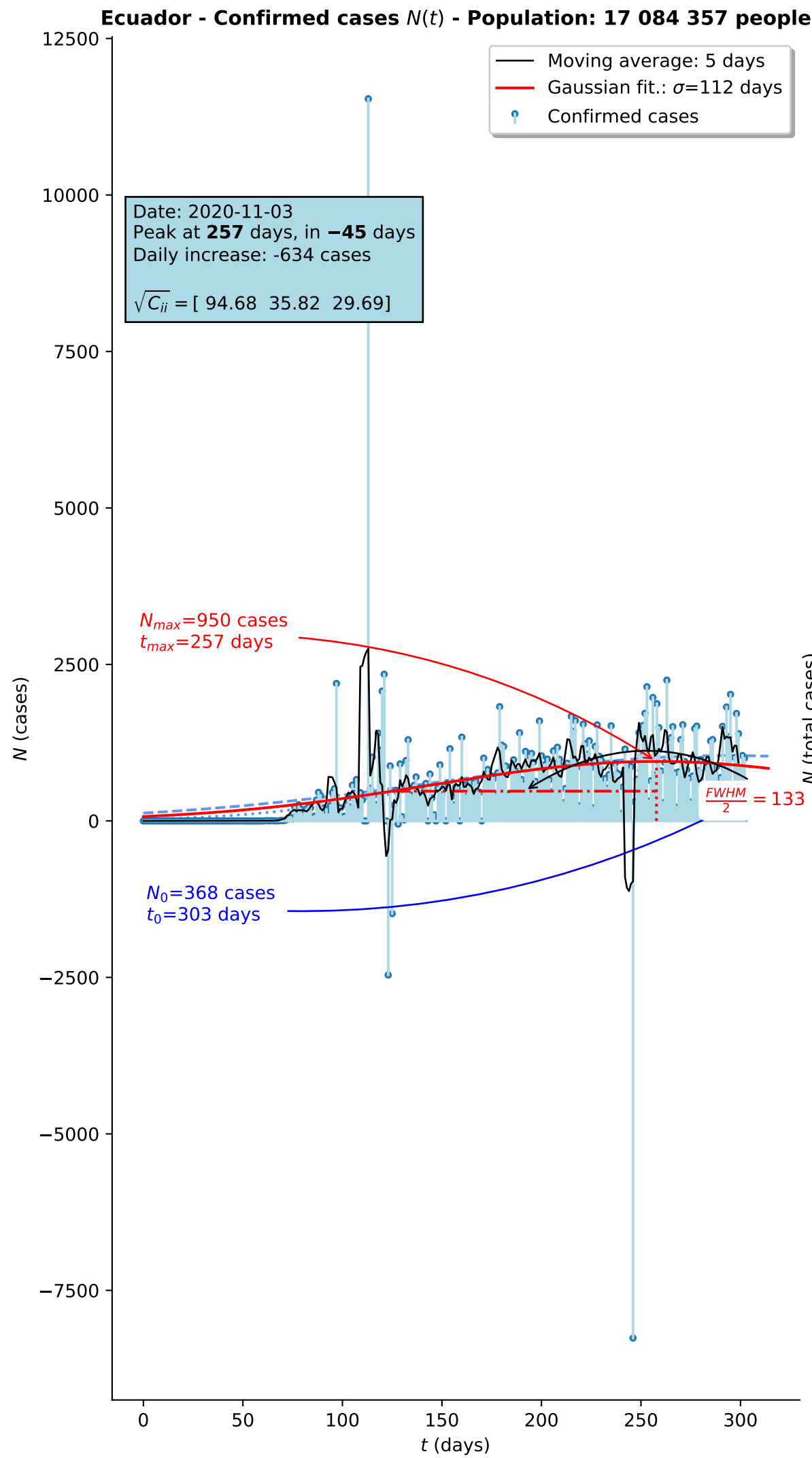


- + Total cases
- Logistic fit.:  $N(t) = \frac{A}{1 + e^{-B \cdot (t - C)}}$

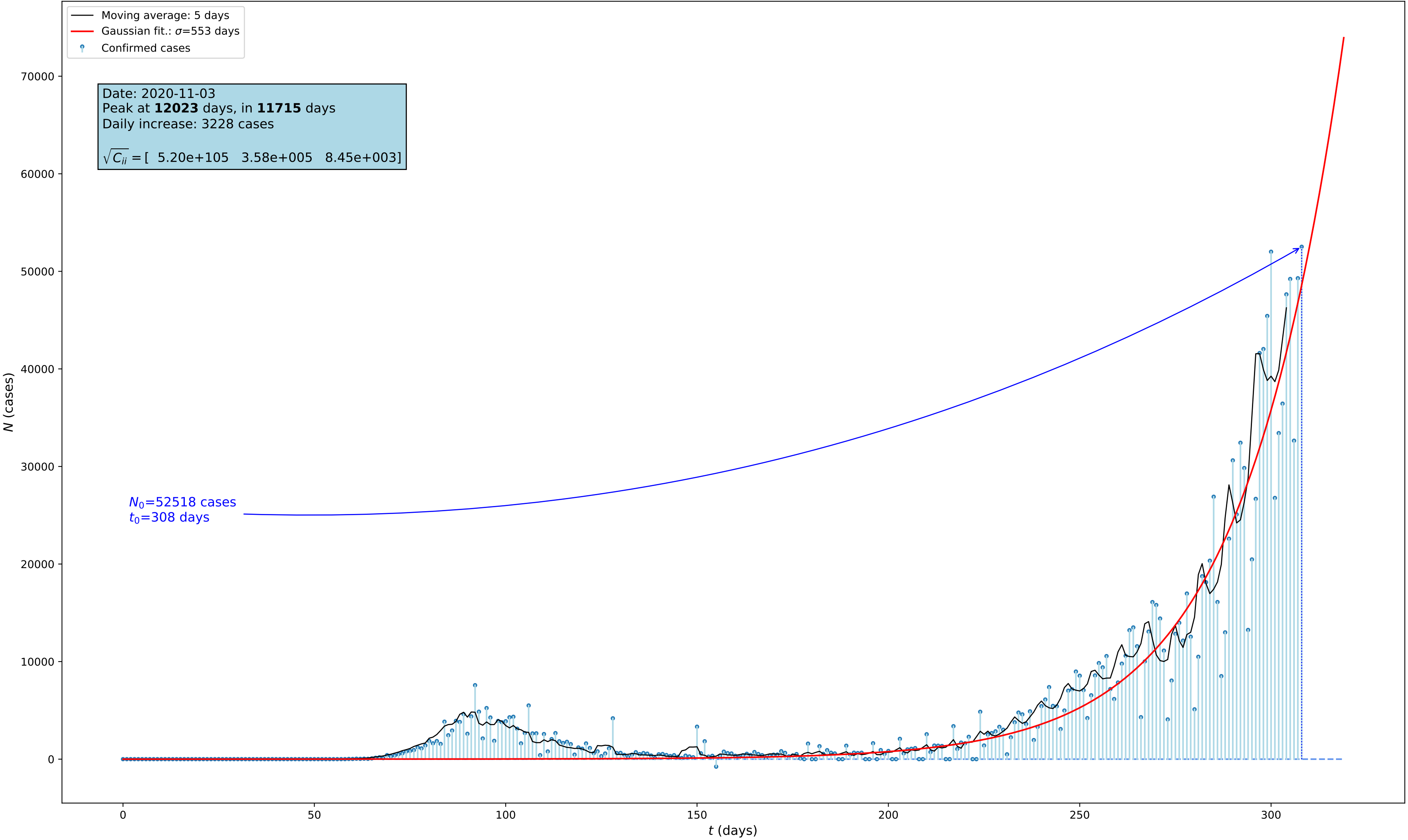


- + Deaths
- Logistic fit.:  $N(t) = \frac{A}{1 + e^{-B \cdot (t-C)}}$

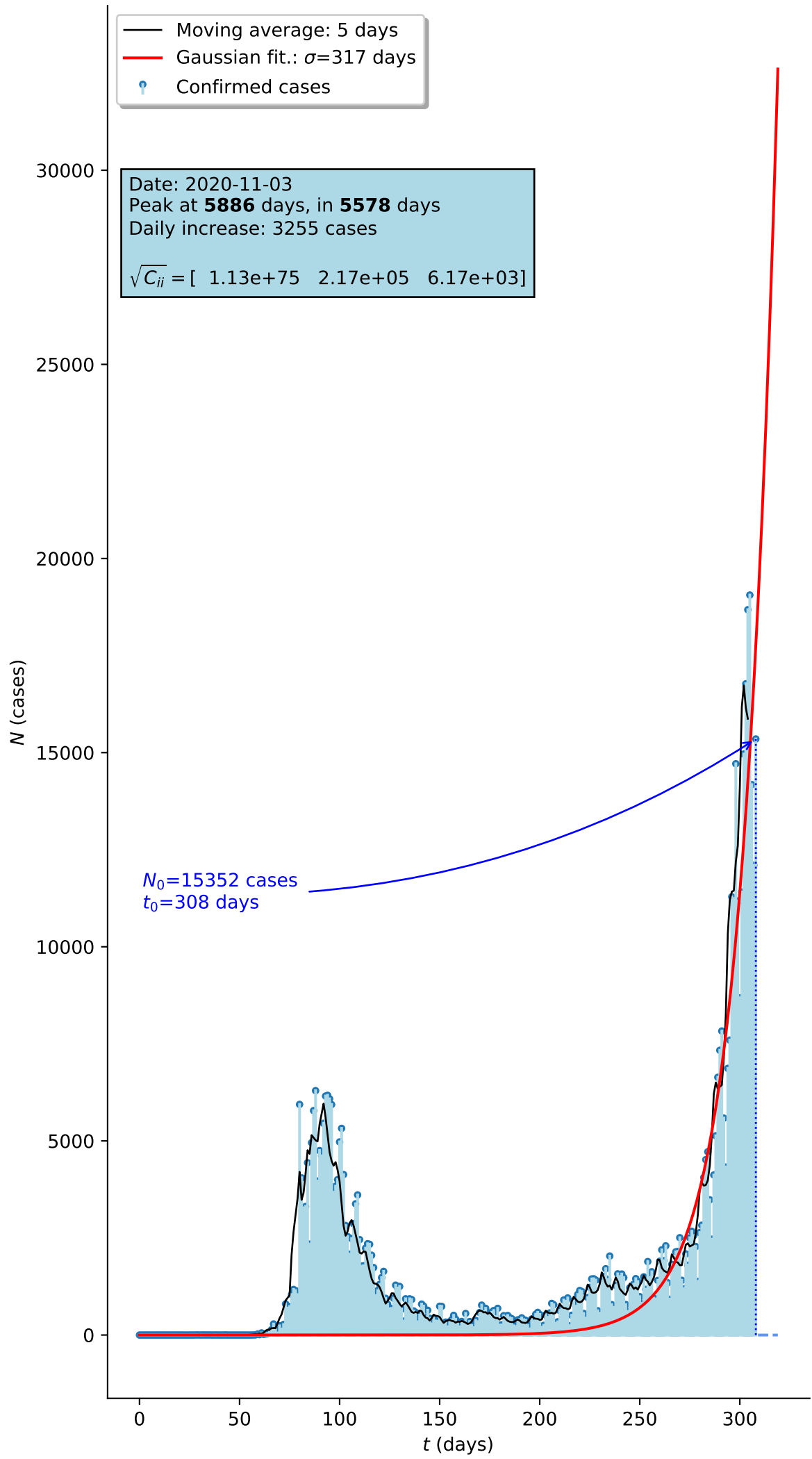




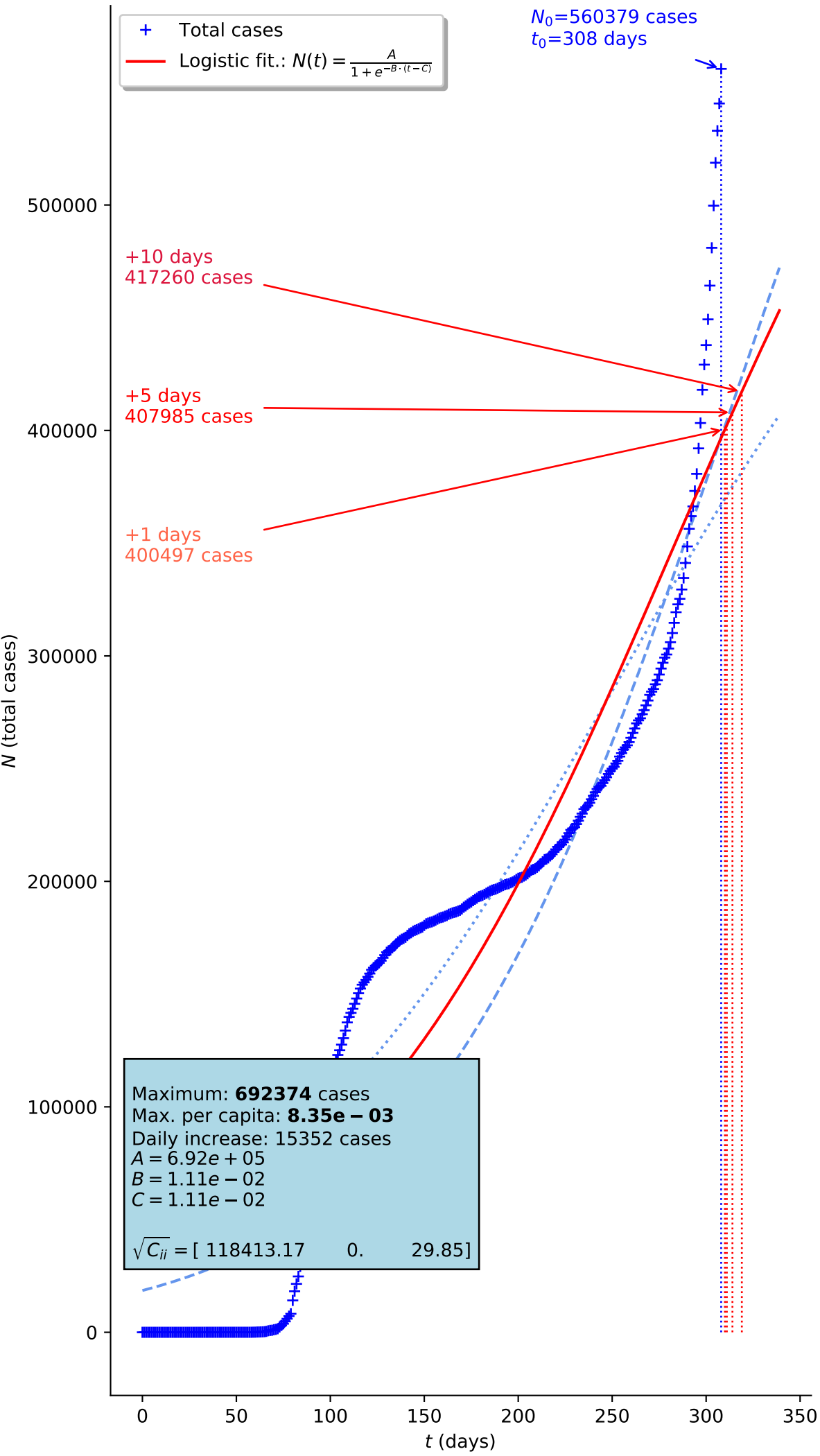
France - Confirmed cases  $N(t)$  - Population: 66 977 107 people



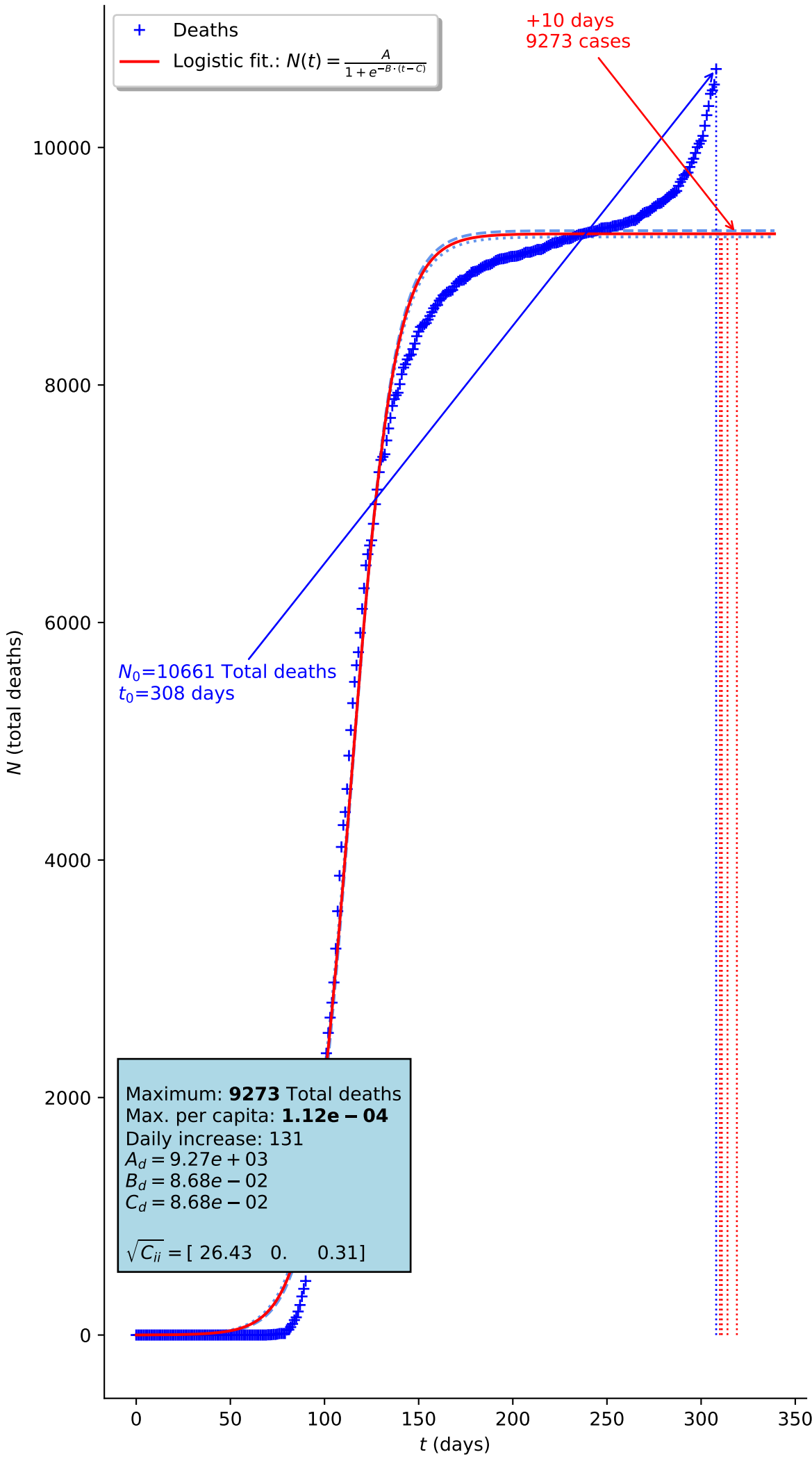
Germany - Confirmed cases  $N(t)$  - Population: 82 905 782 people



Germany - Total confirmed cases  $N(t)$

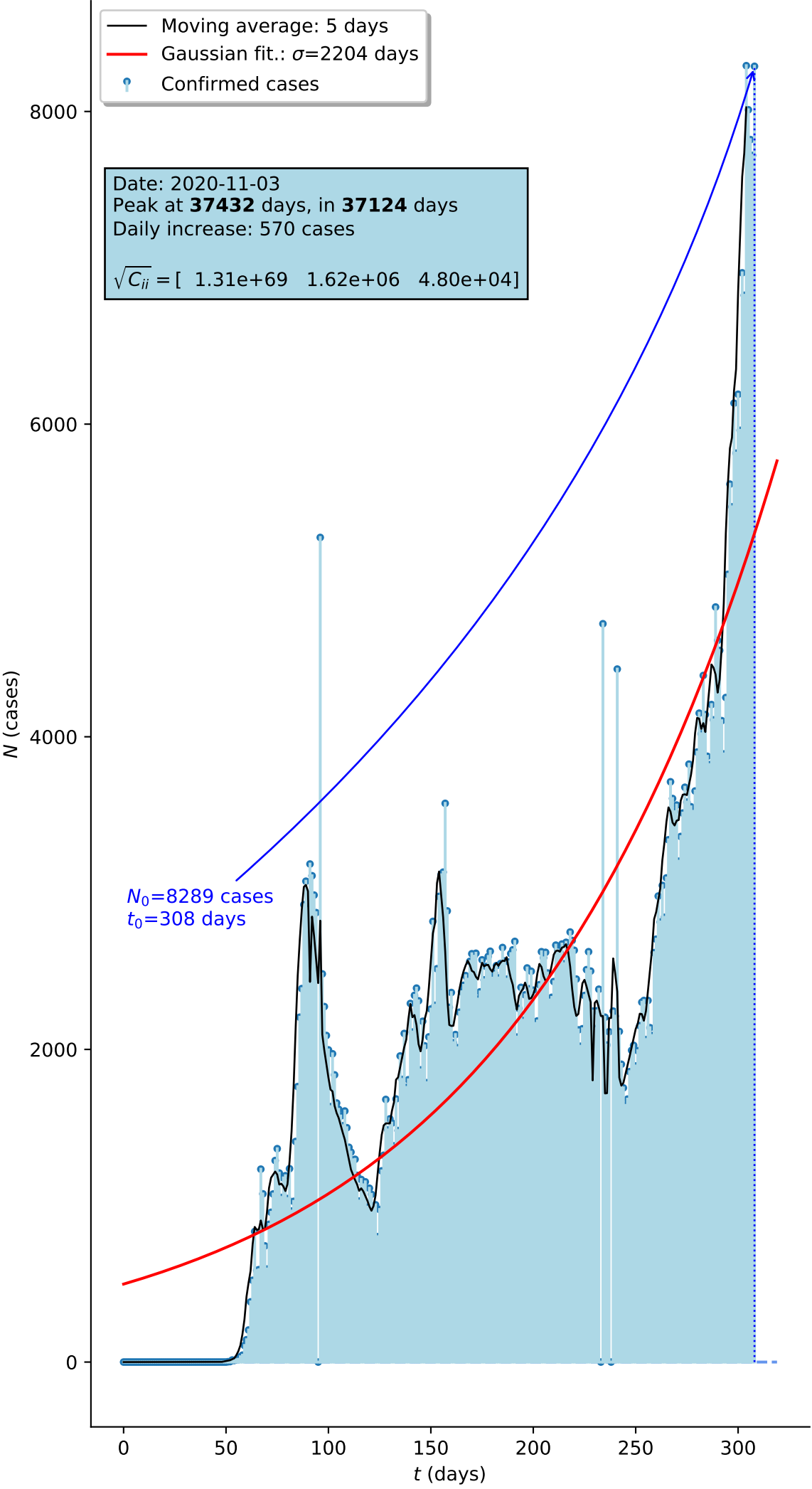


Germany - Total deaths  $N(t)$

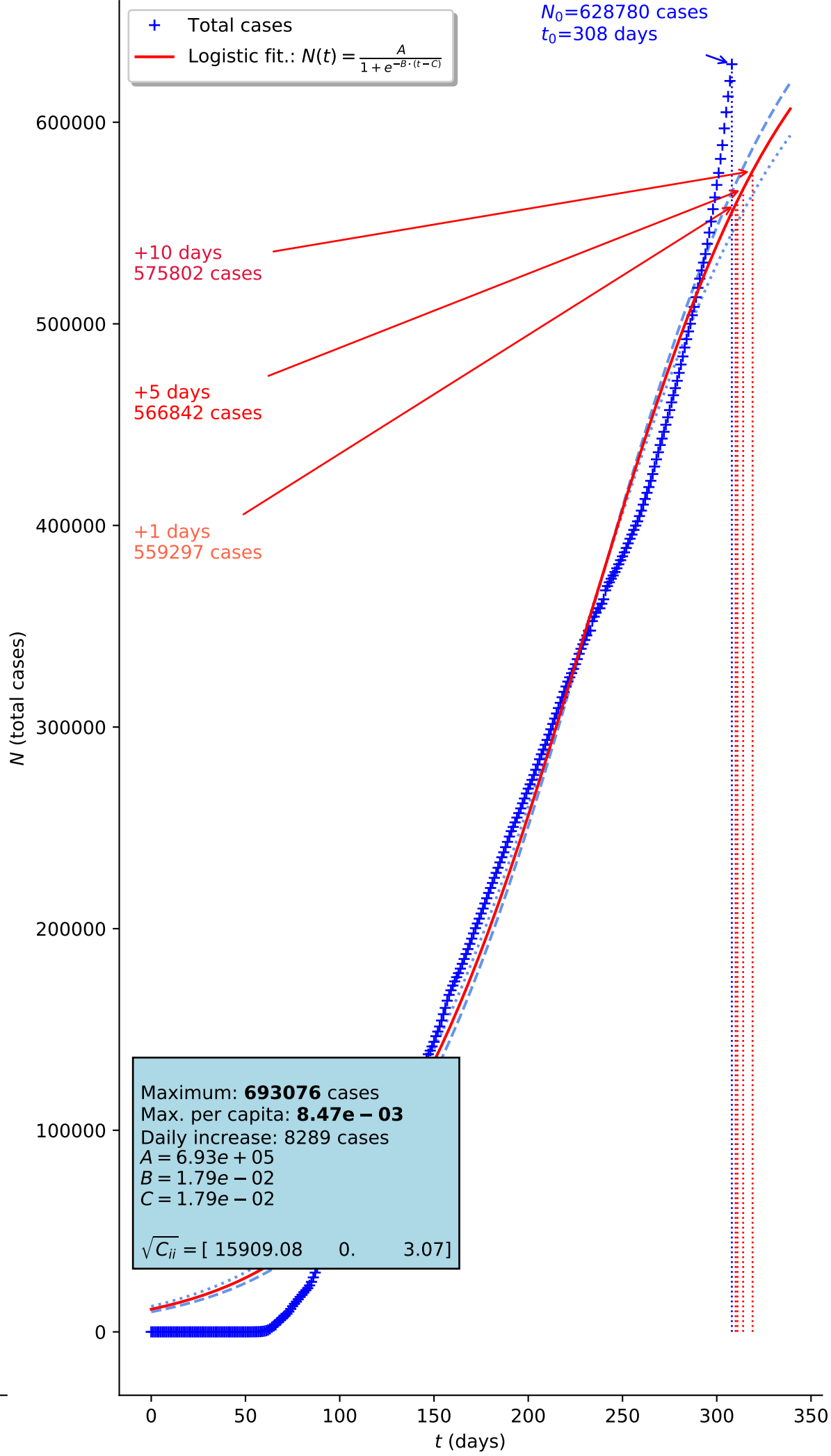




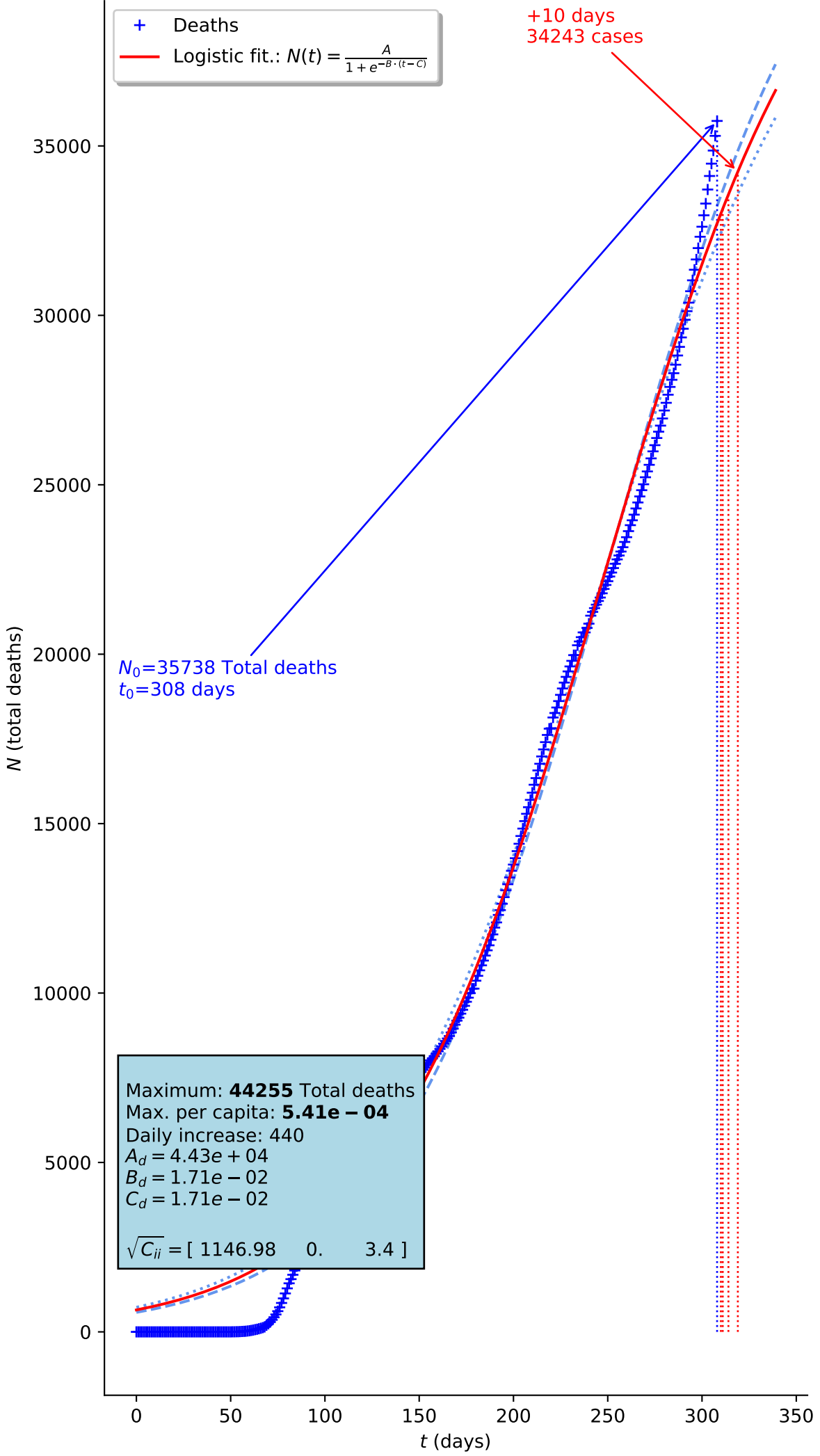
Iran - Confirmed cases  $N(t)$  - Population: 81 800 269 people



Iran - Total confirmed cases  $N(t)$

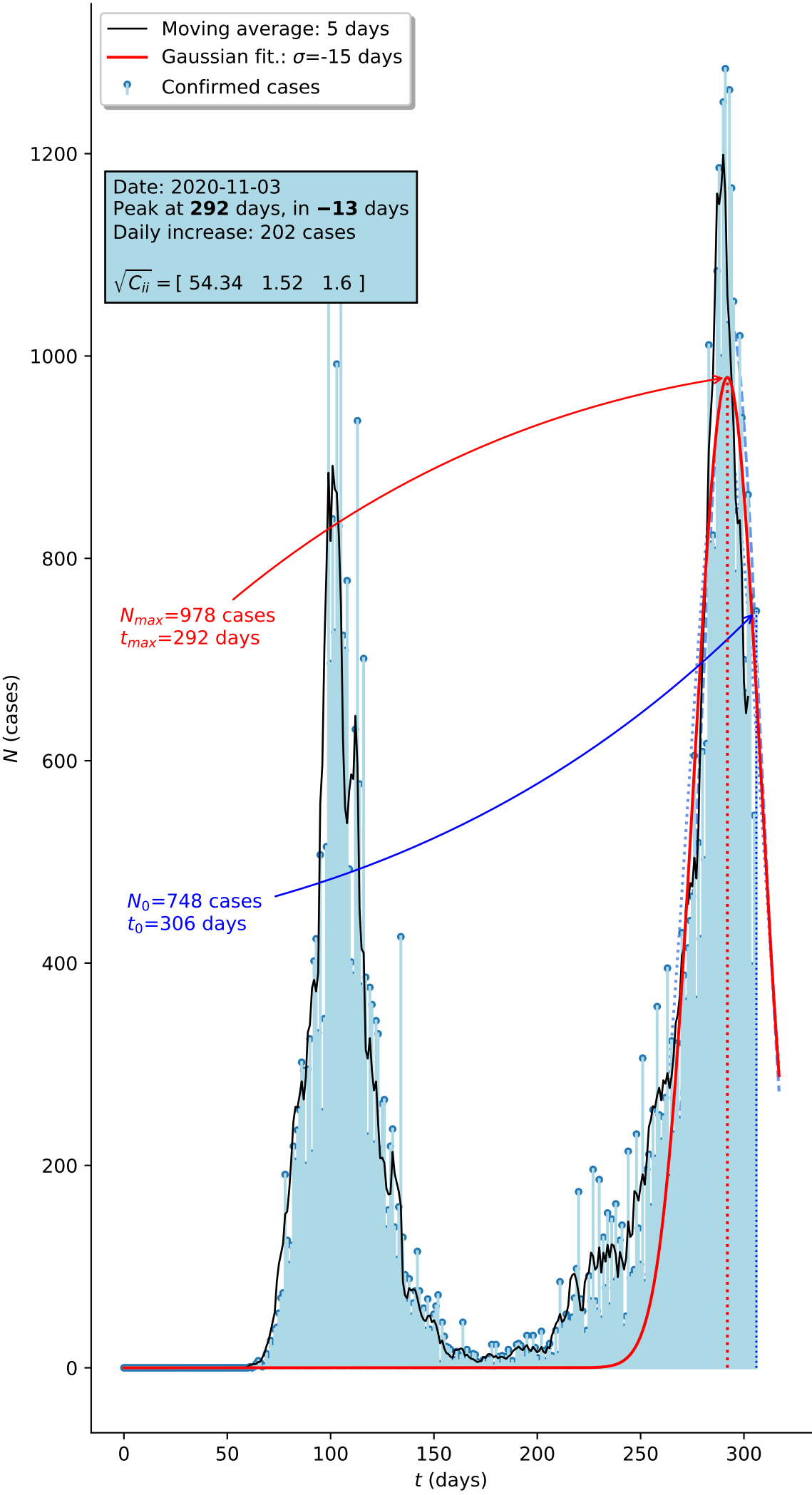


Iran - Total deaths  $N(t)$

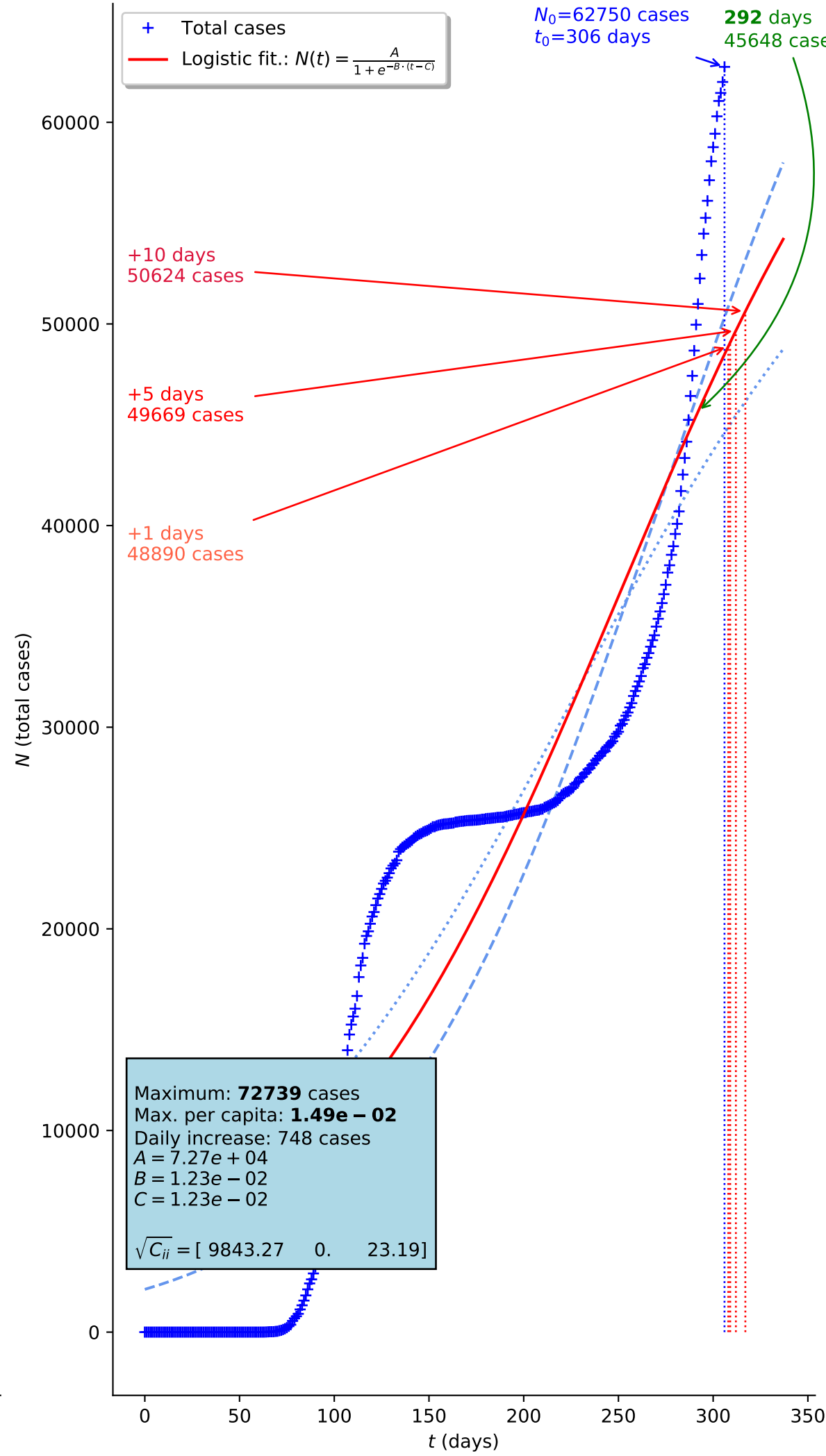




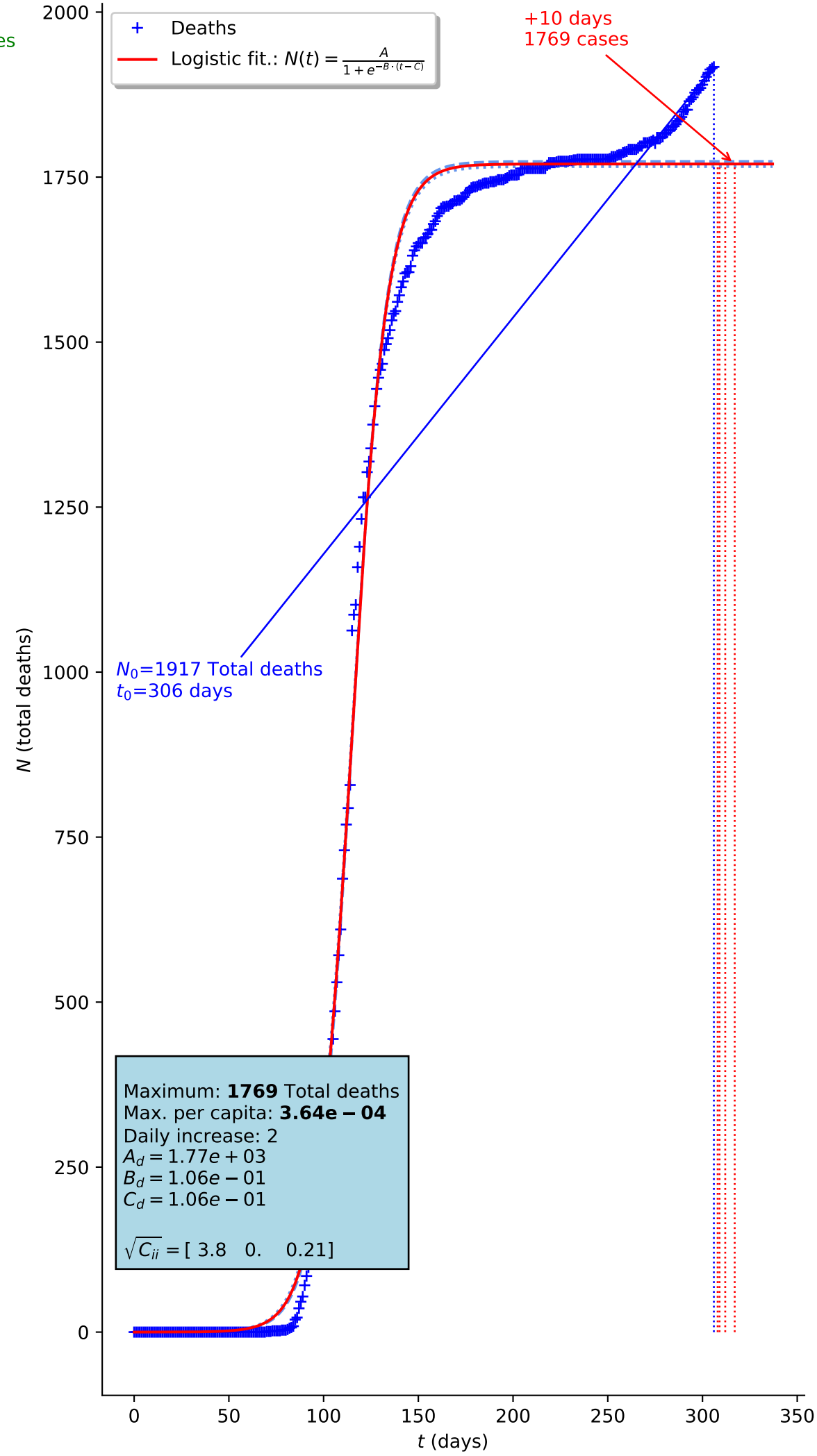
Ireland - Confirmed cases  $N(t)$  - Population: 4 867 309 people

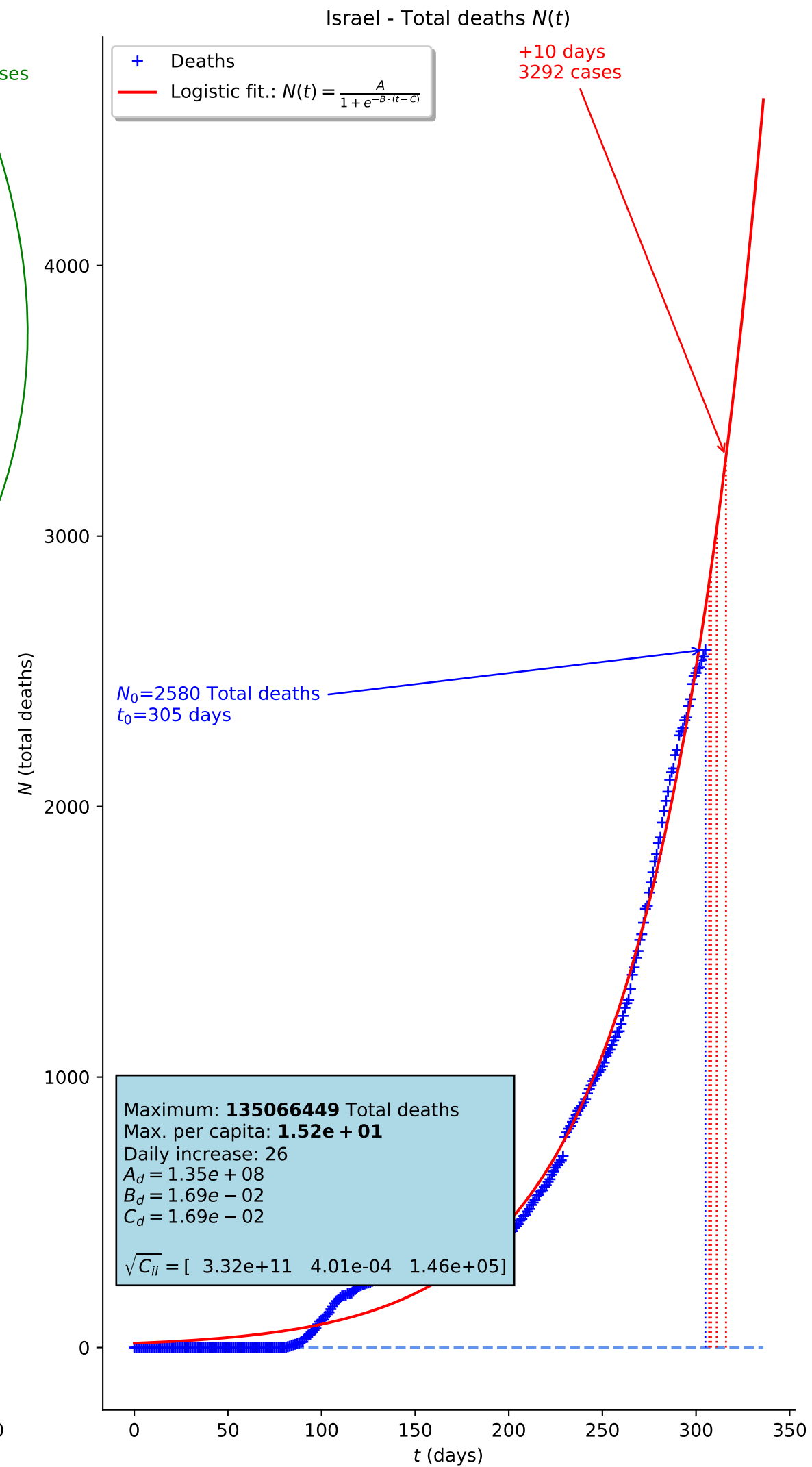
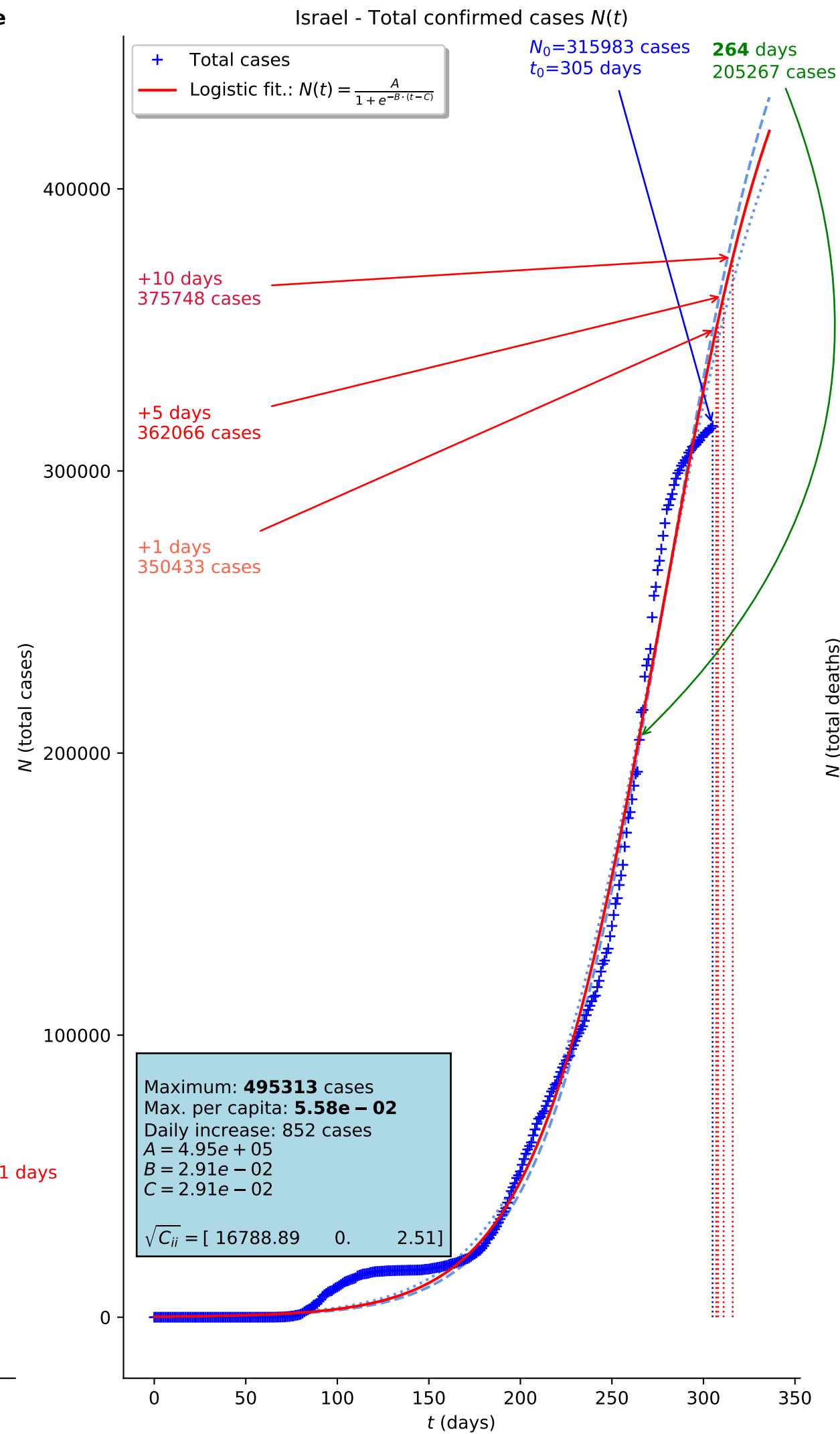
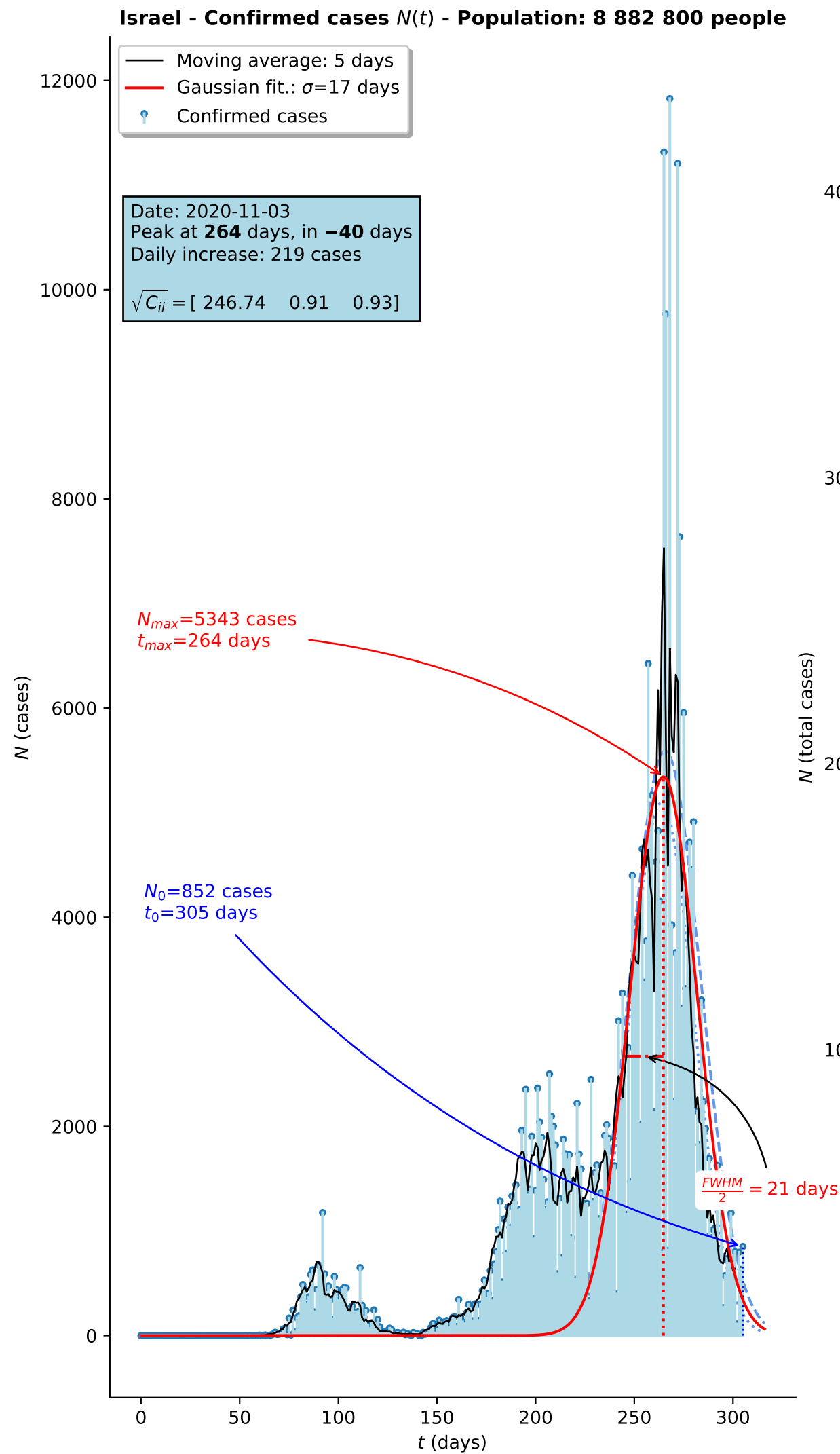


Ireland - Total confirmed cases  $N(t)$

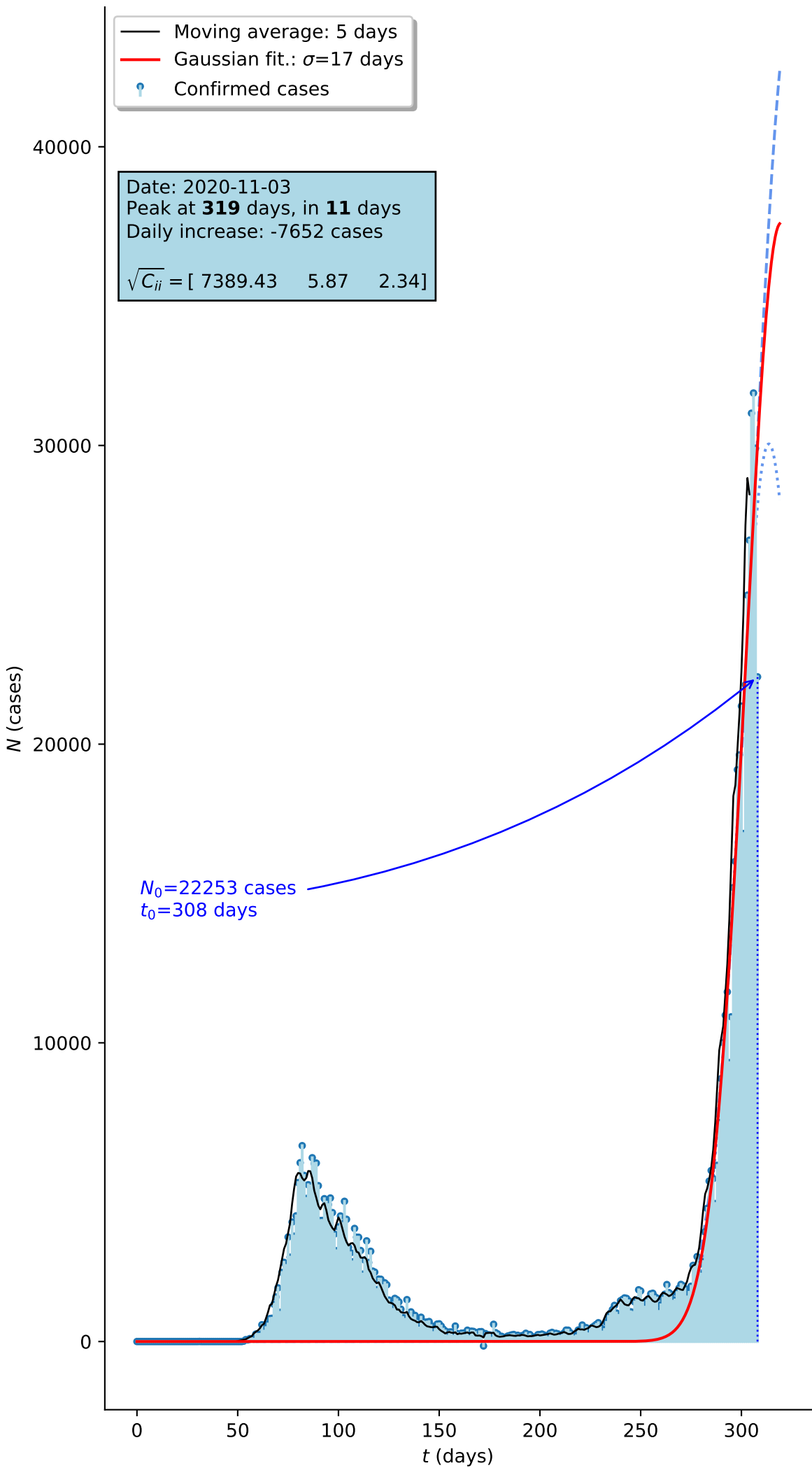


Ireland - Total deaths  $N(t)$

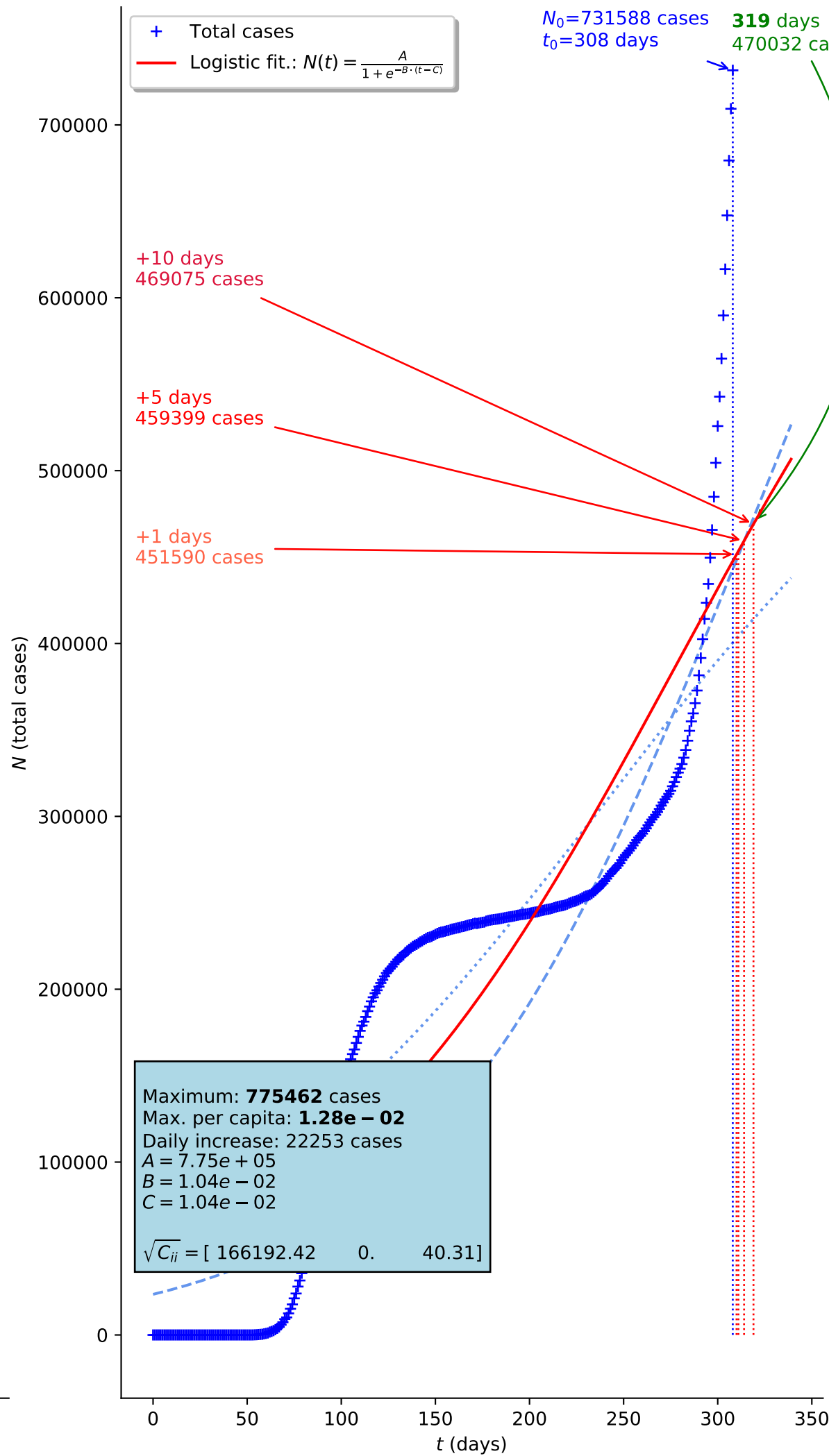




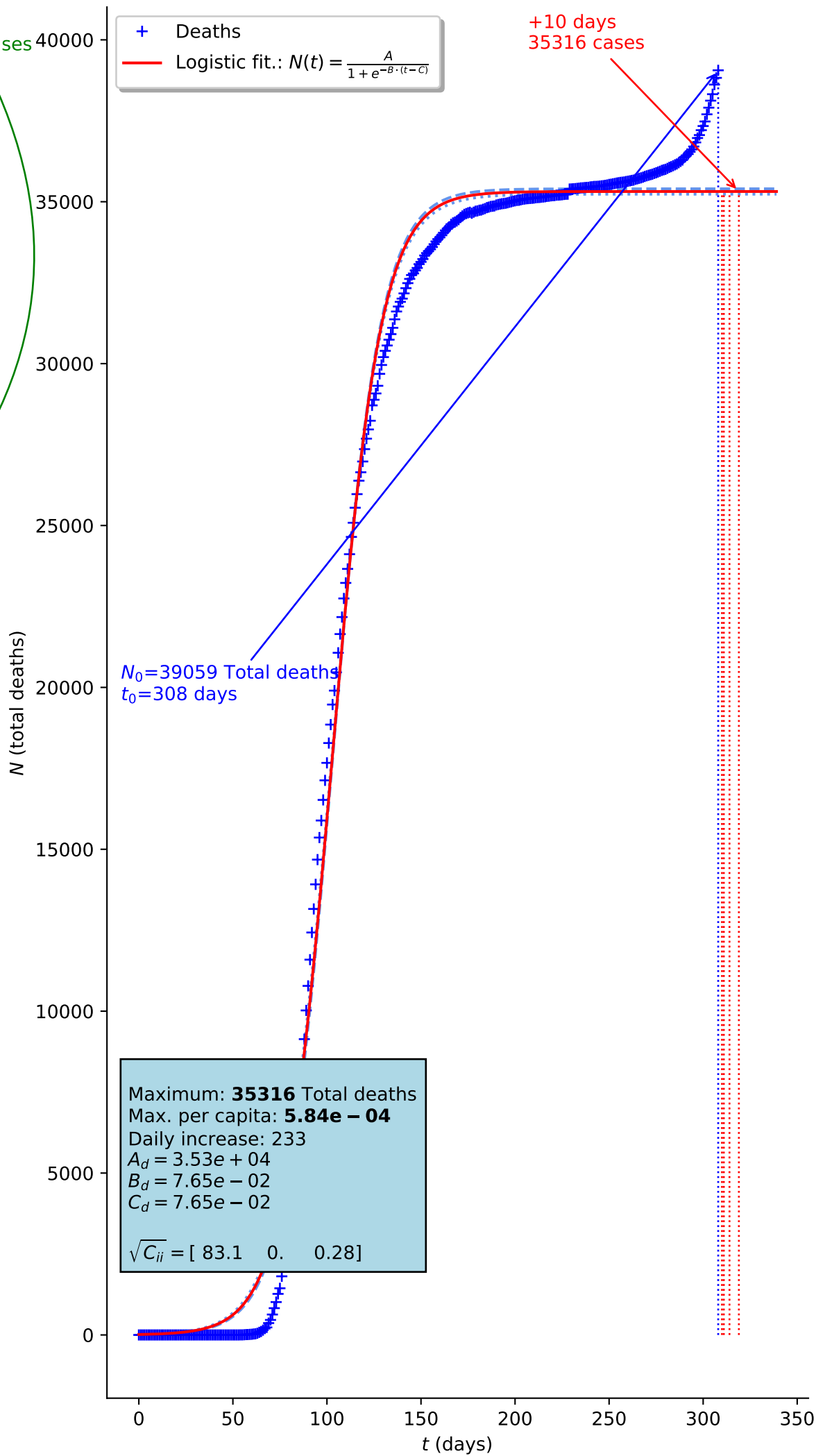
Italy - Confirmed cases  $N(t)$  - Population: 60 421 760 people



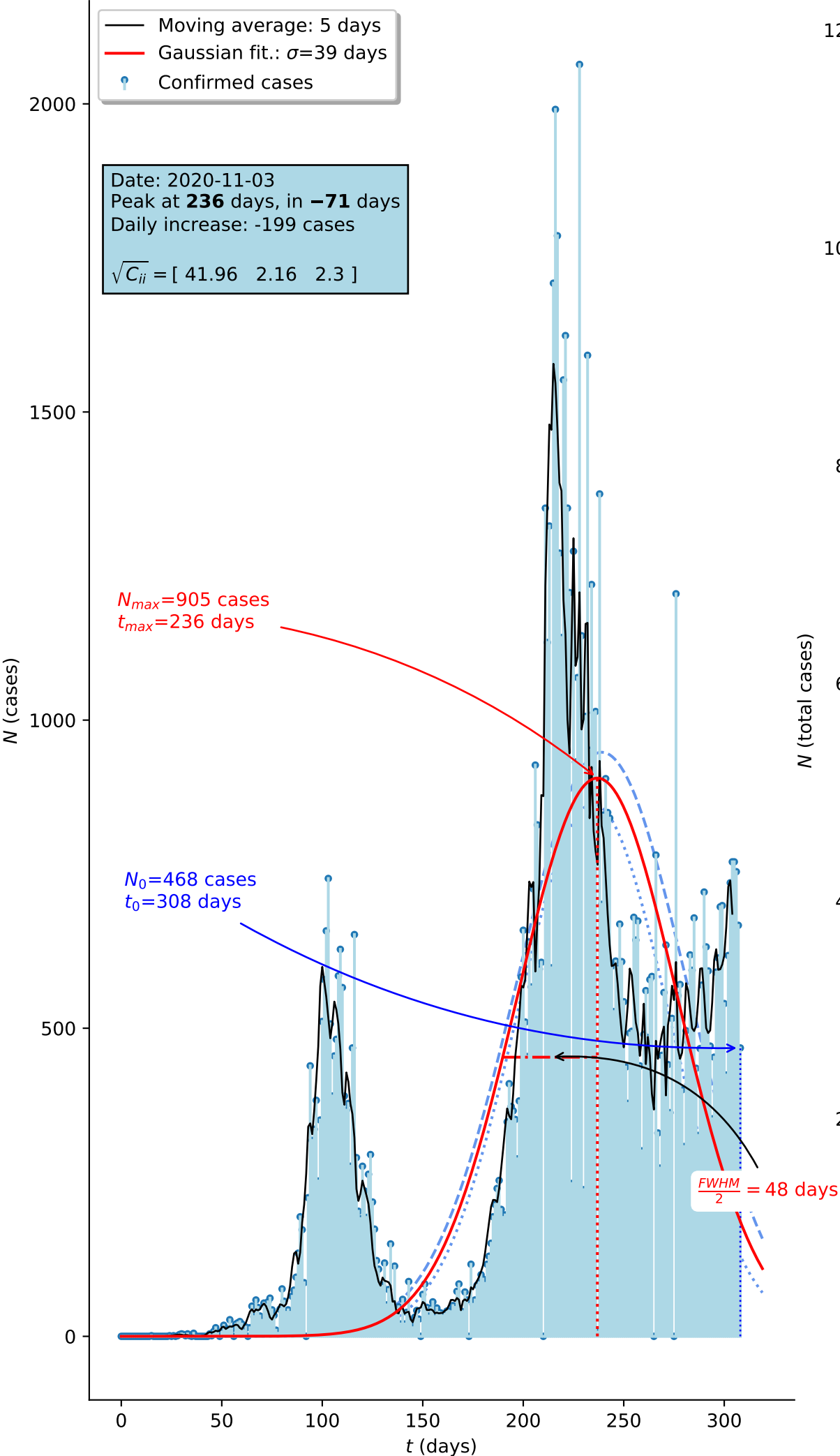
Italy - Total confirmed cases  $N(t)$



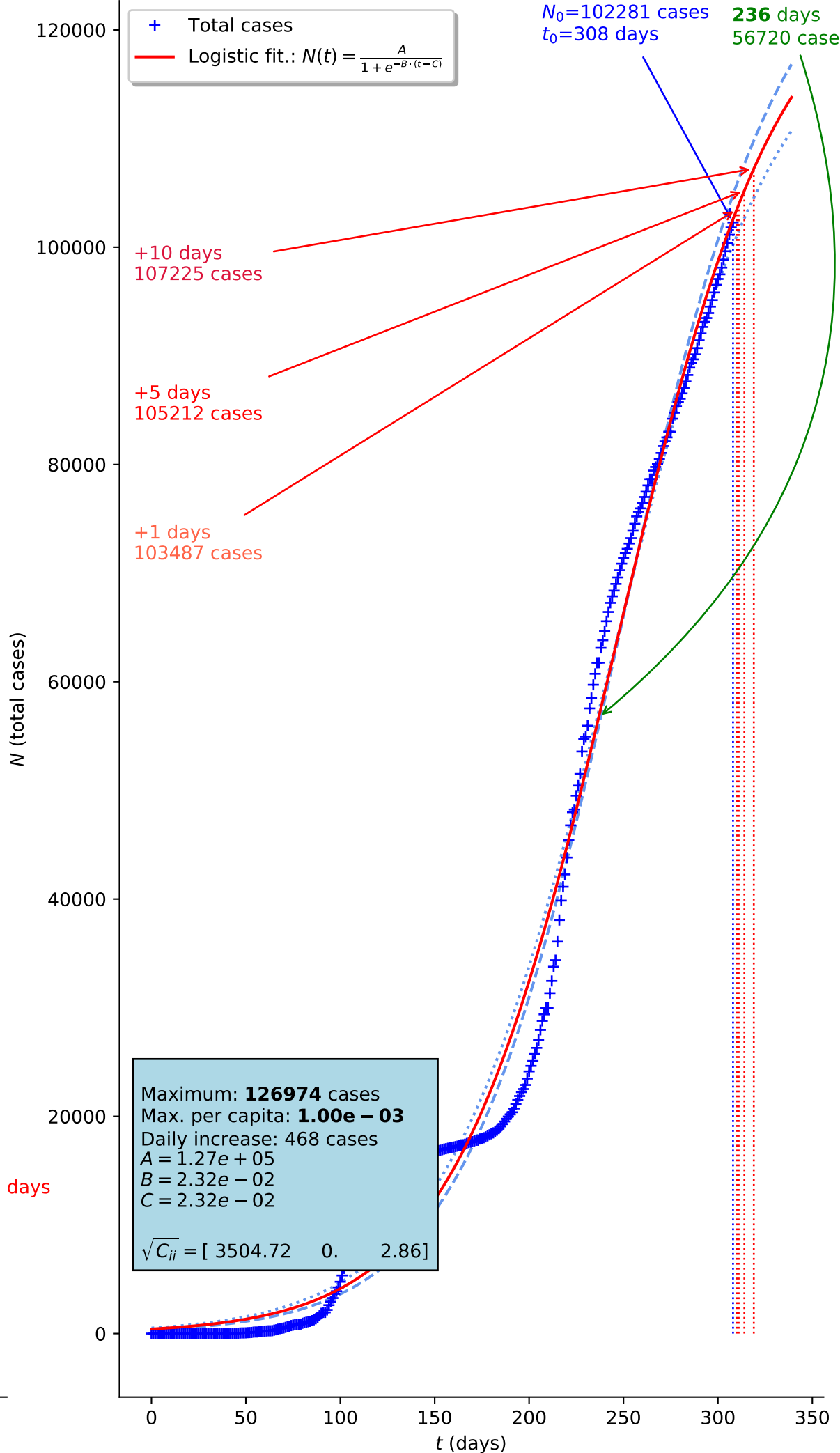
Italy - Total deaths  $N(t)$



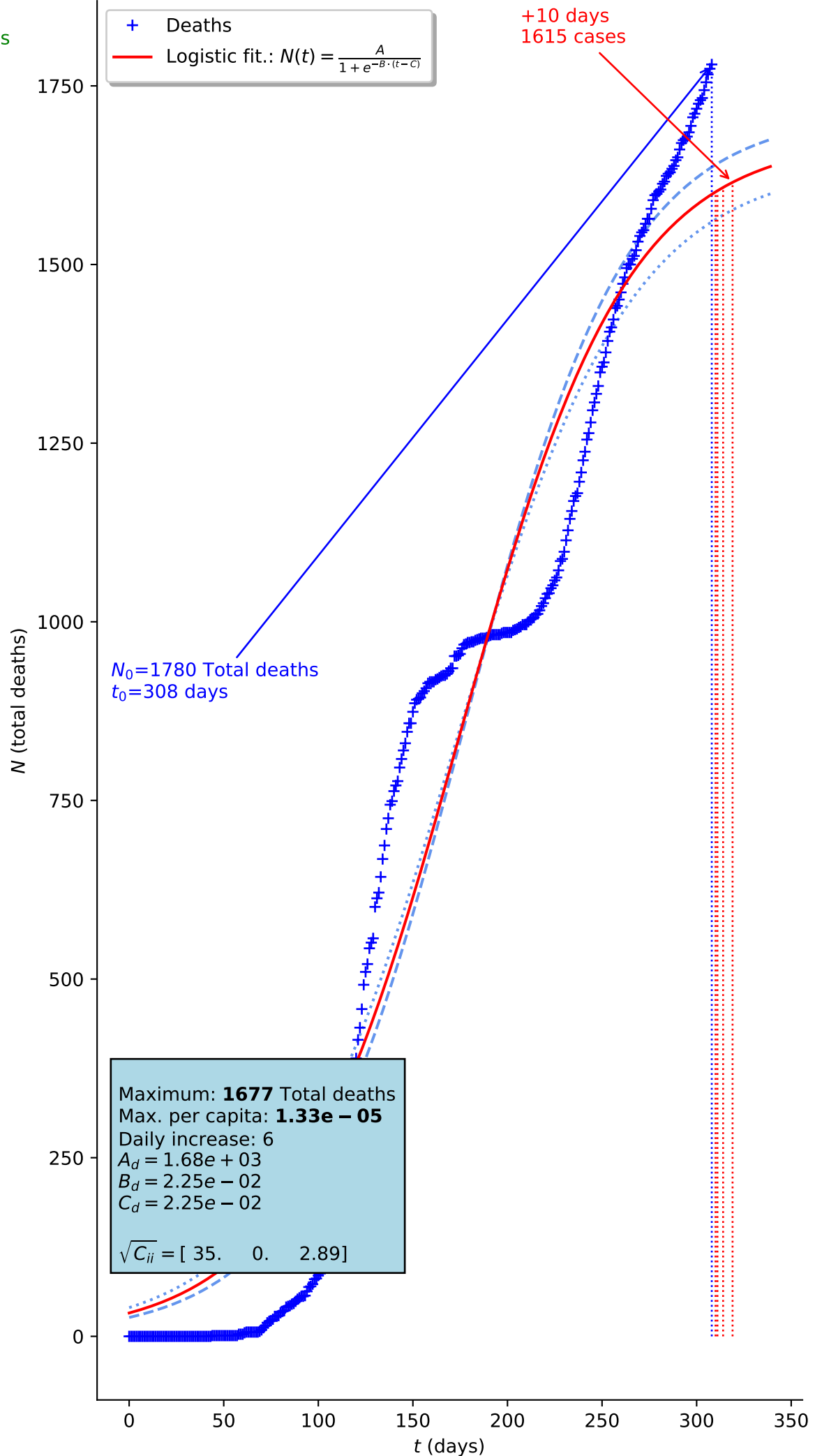
Japan - Confirmed cases  $N(t)$  - Population: 126 529 100 people



Japan - Total confirmed cases  $N(t)$



Japan - Total deaths  $N(t)$



— Moving average: 5 days  
— Gaussian fit.:  $\sigma=66$  days  
• Confirmed cases

Date: 2020-11-03  
Peak at **212** days, in **-87** days  
Daily increase: -667 cases  
 $\sqrt{C_{ij}} = [170.28 \quad 2.28 \quad 2.55]$

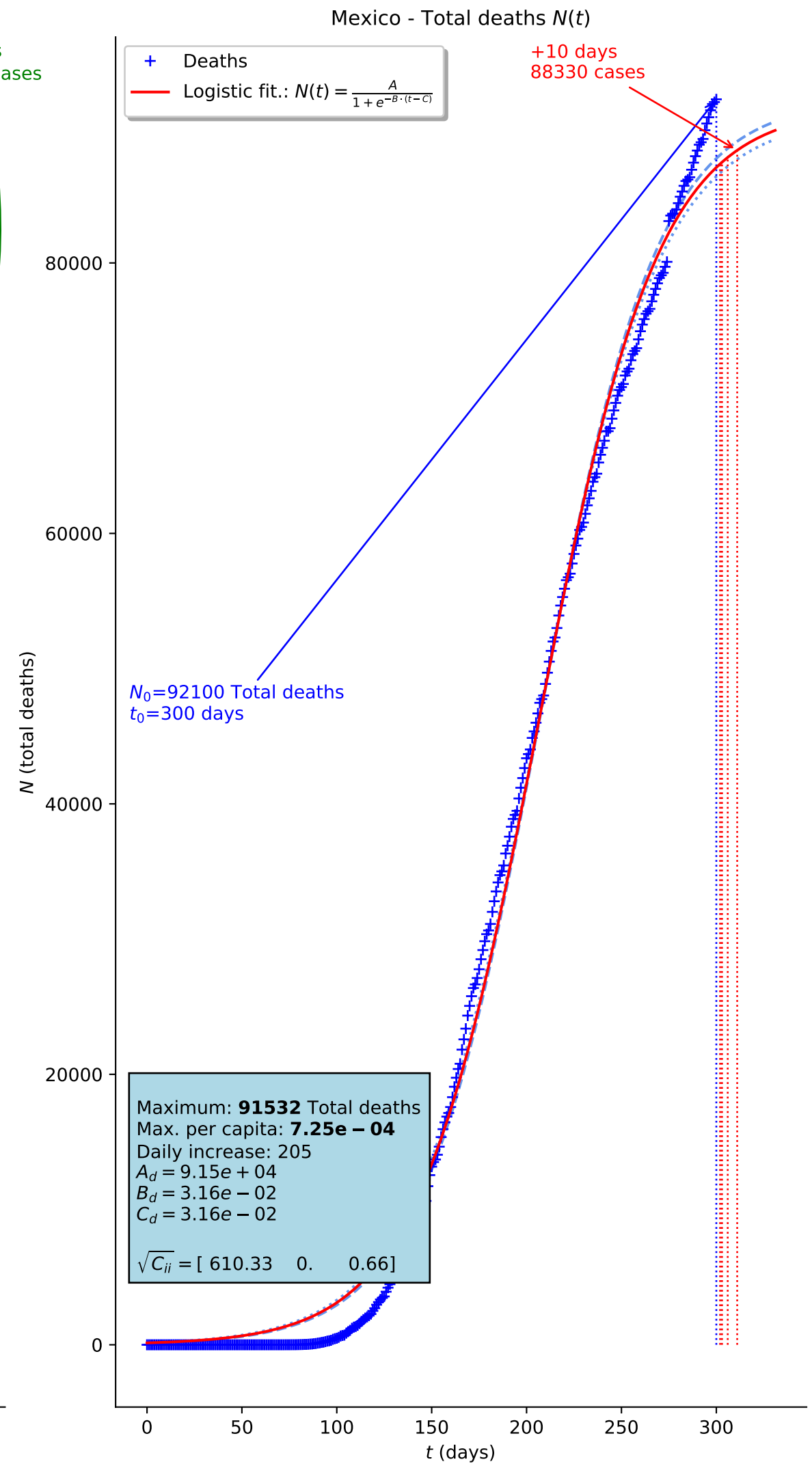
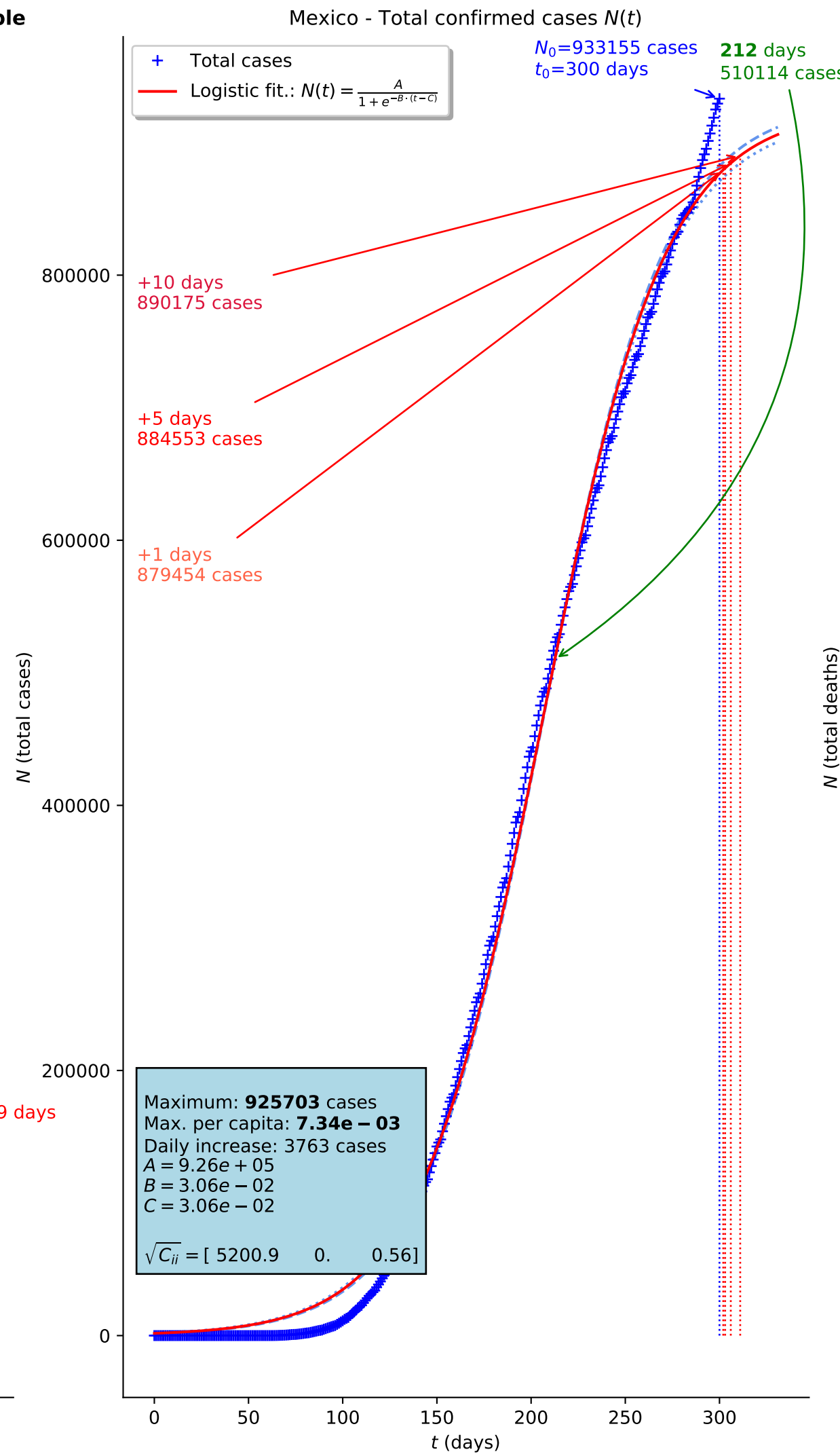
$N_{max}=6323$  cases  
 $t_{max}=212$  days

$N_0=3763$  cases  
 $t_0=300$  days

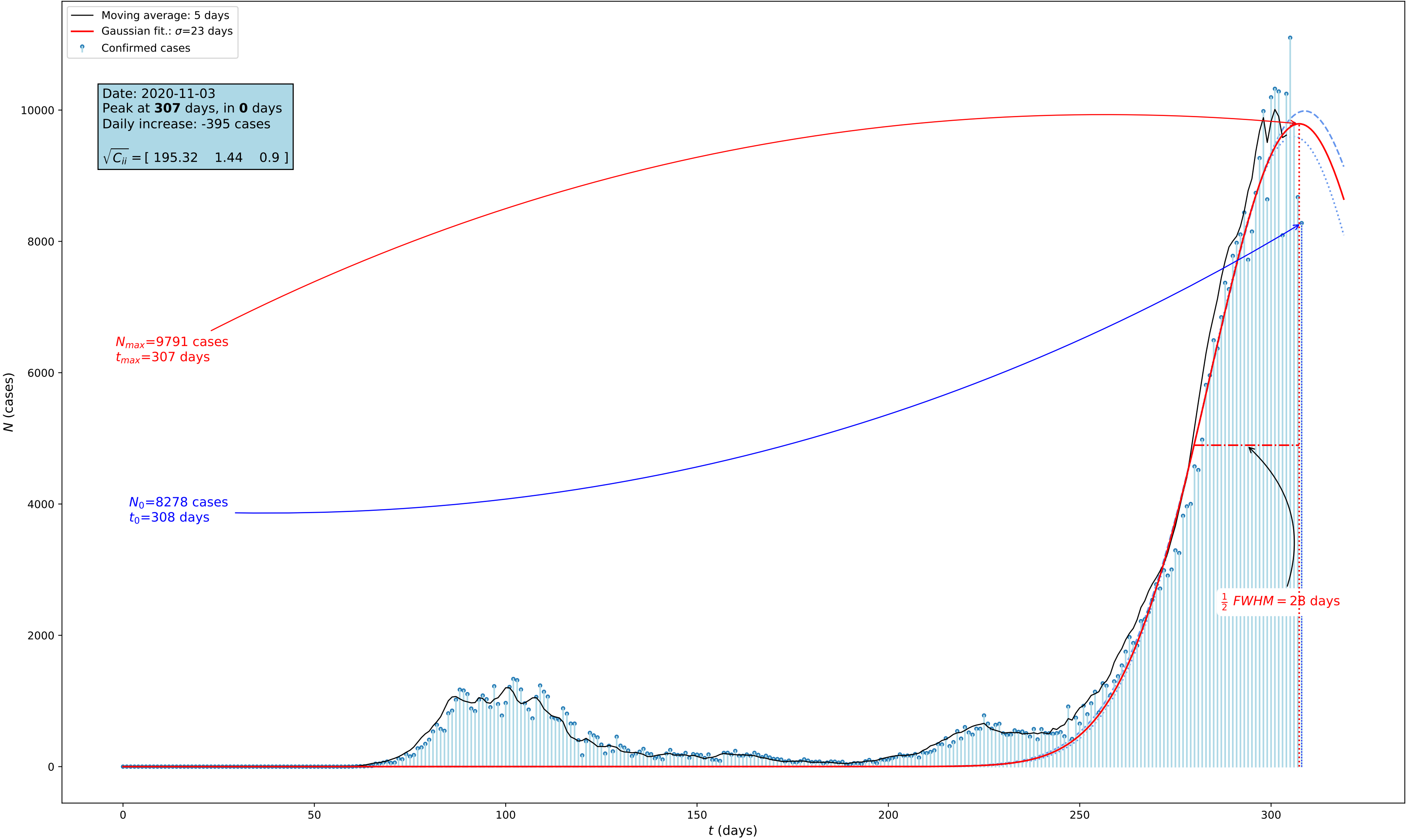
$\frac{FWHM}{2} = 79$

Cases

t (days)

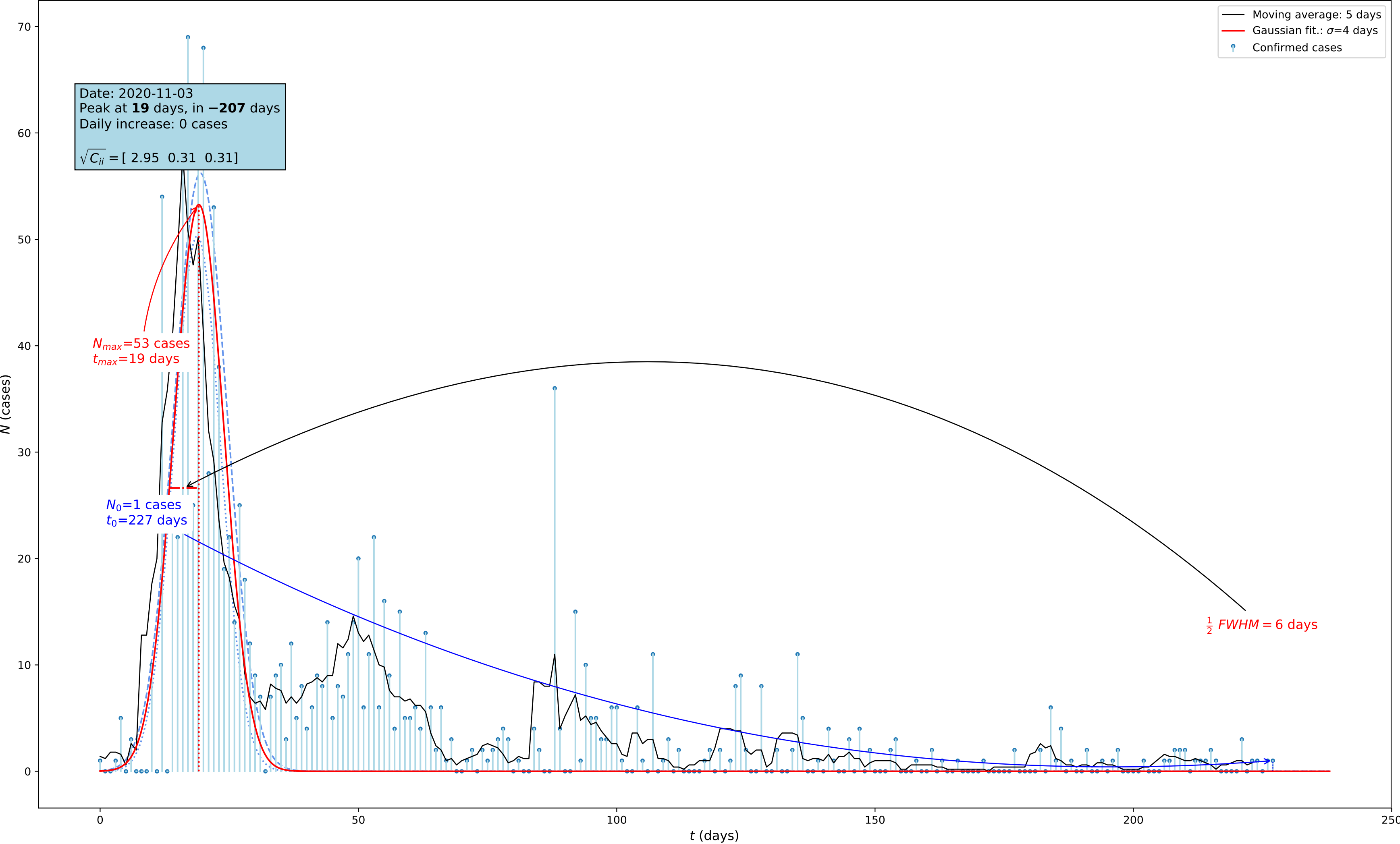


Netherlands - Confirmed cases  $N(t)$  - Population: 17 231 624 people

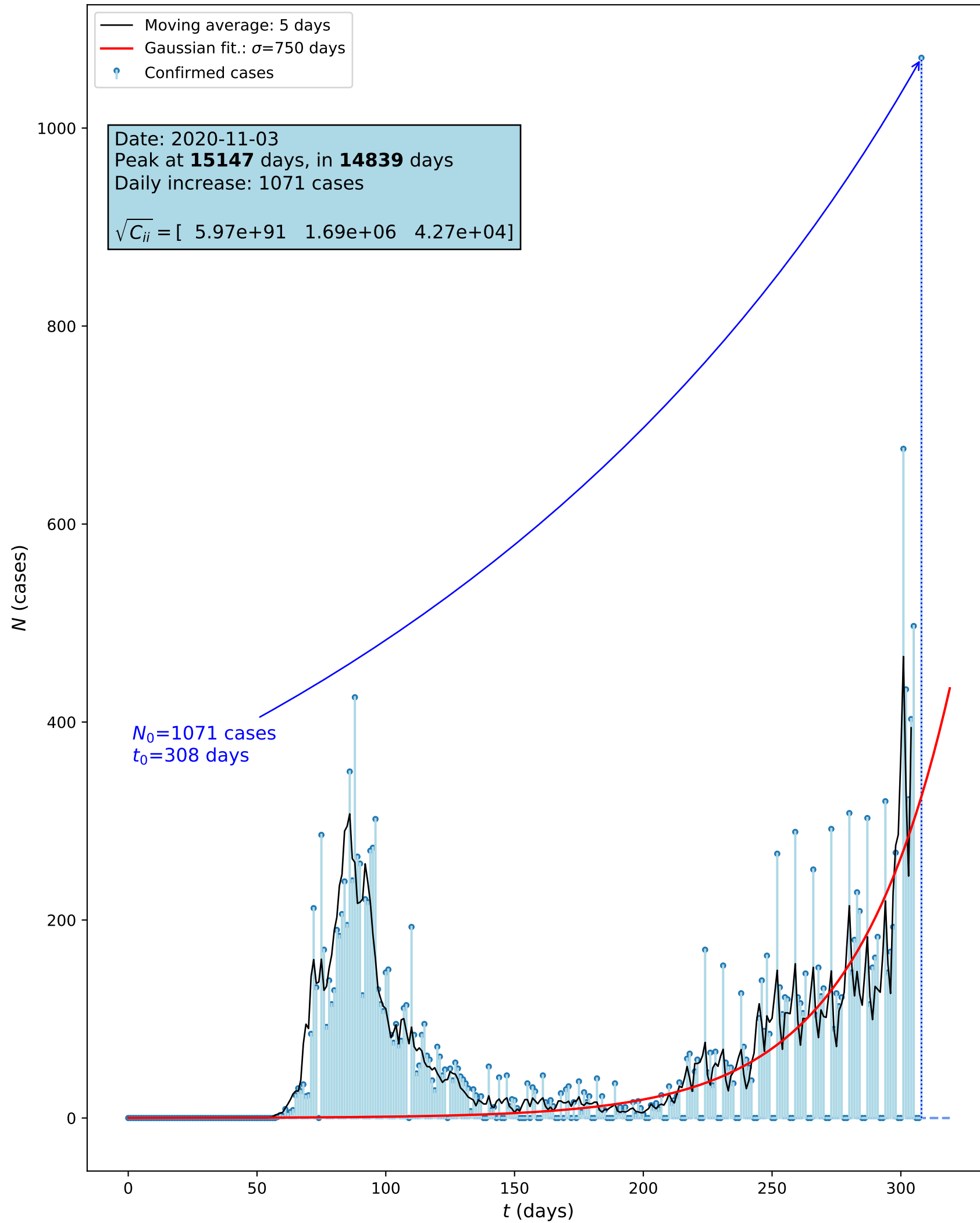




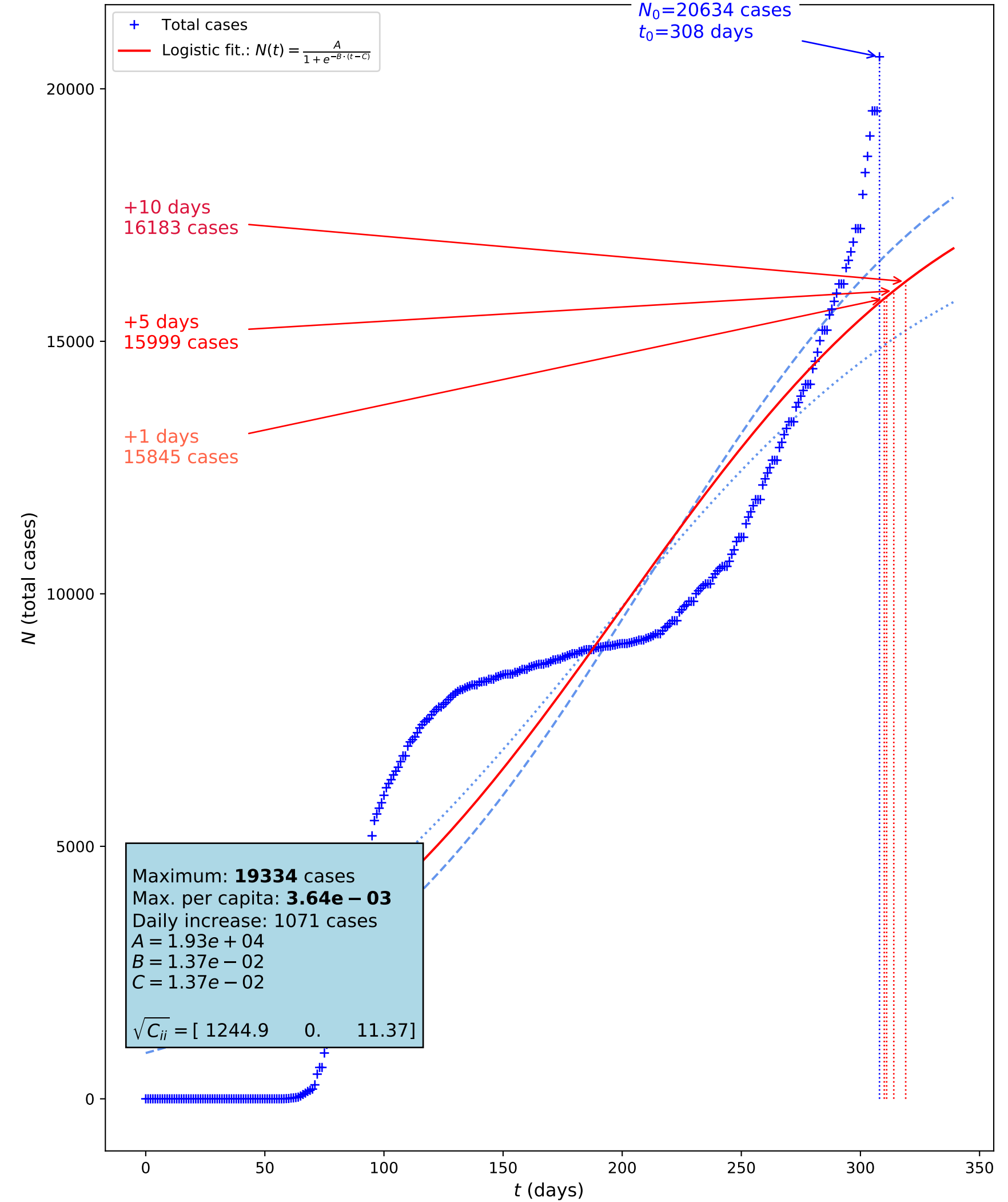
Niger - Confirmed cases  $N(t)$  - Population: 22 442 948 people



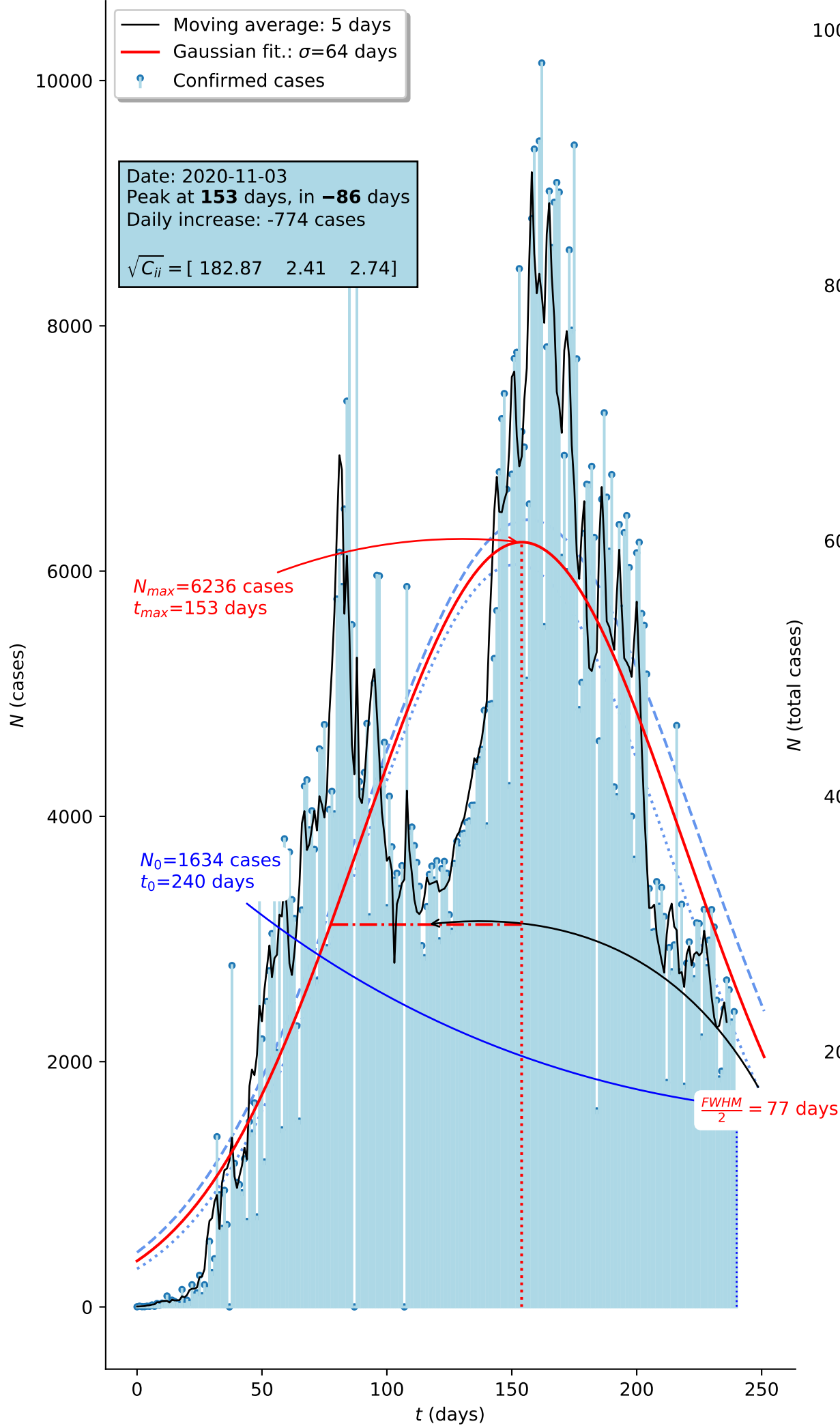
Norway - Confirmed cases  $N(t)$  - Population: 5 311 916 people



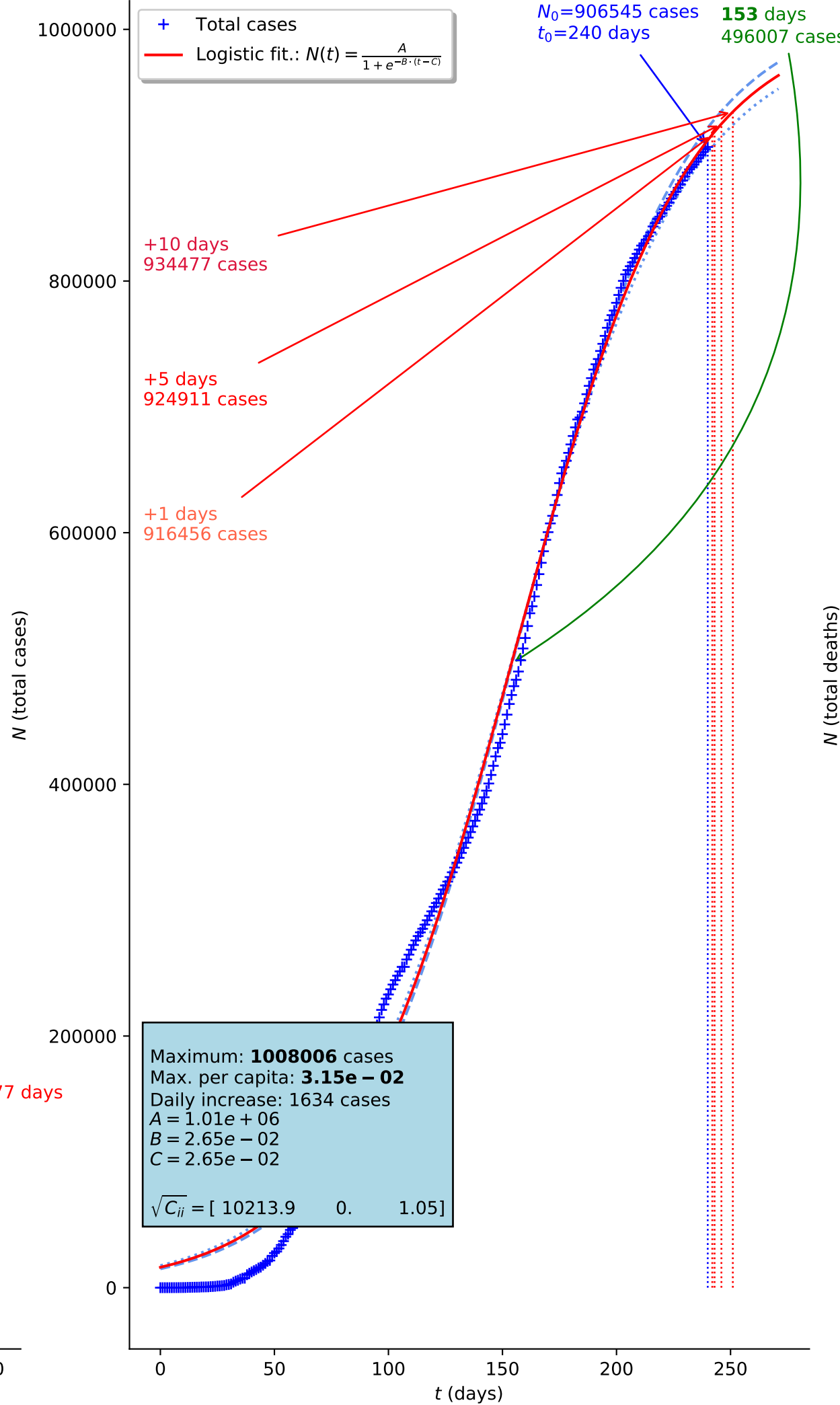
Norway - Total confirmed cases  $N(t)$



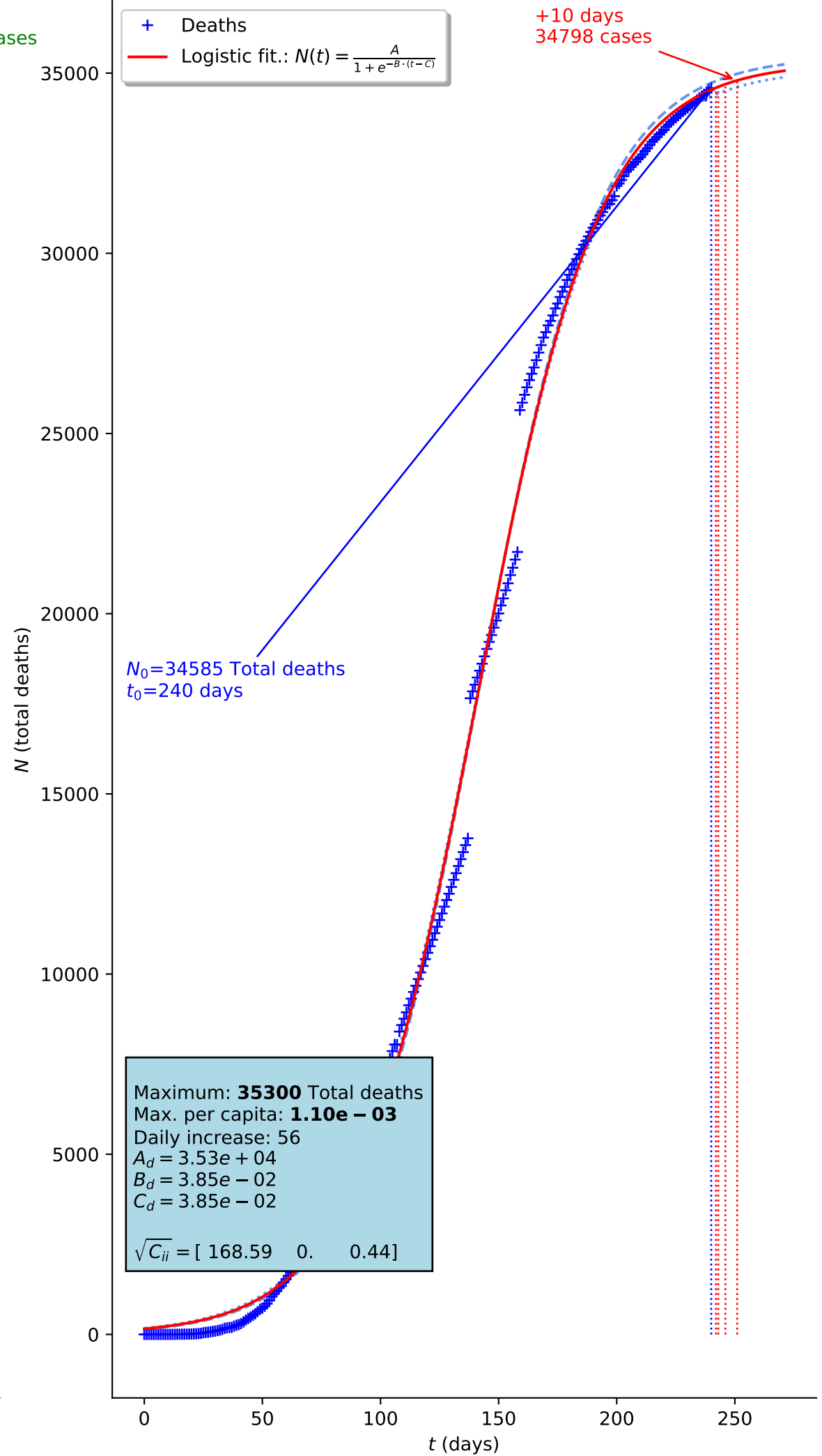
Peru - Confirmed cases  $N(t)$  - Population: 31 989 256 people



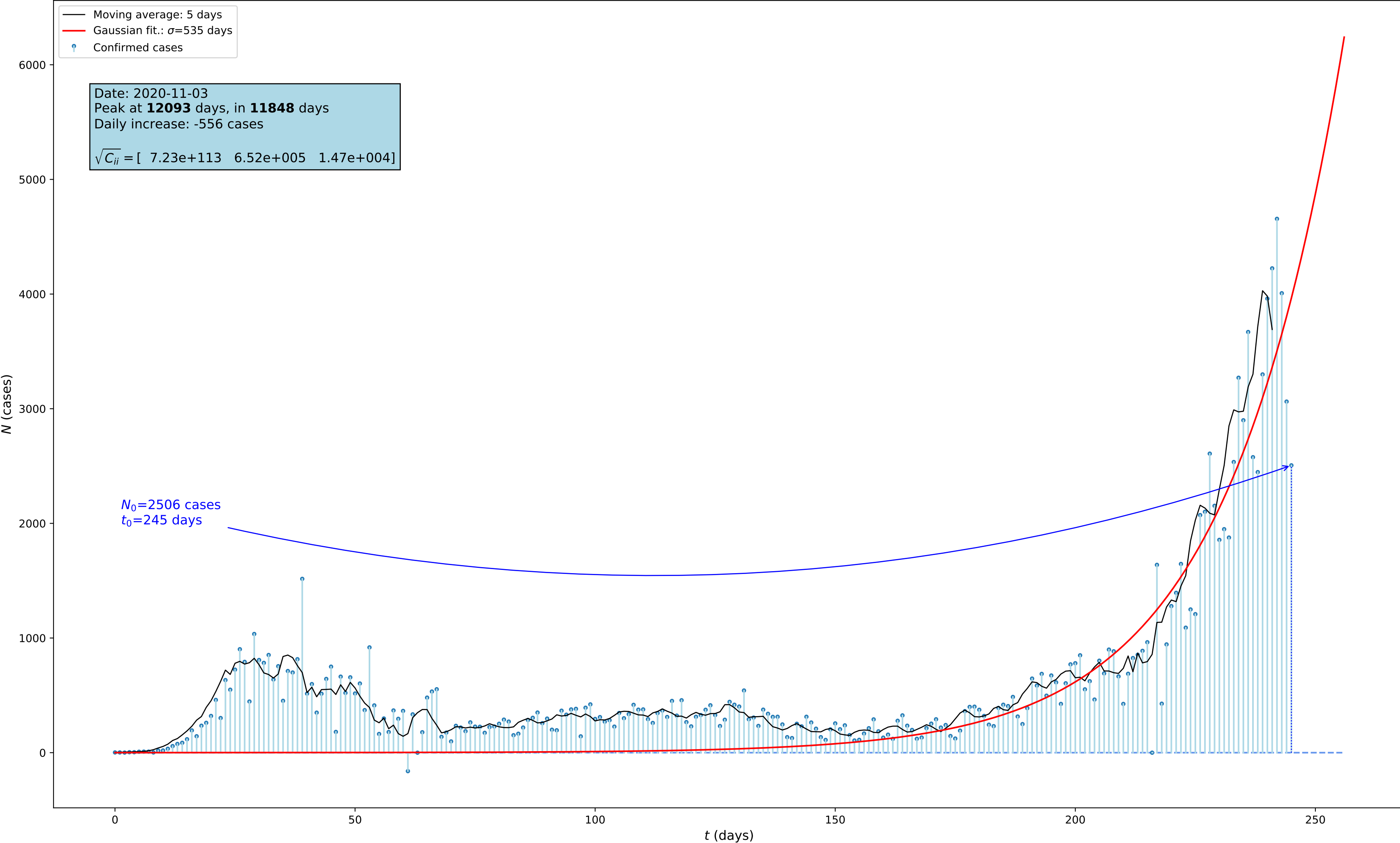
Peru - Total confirmed cases  $N(t)$



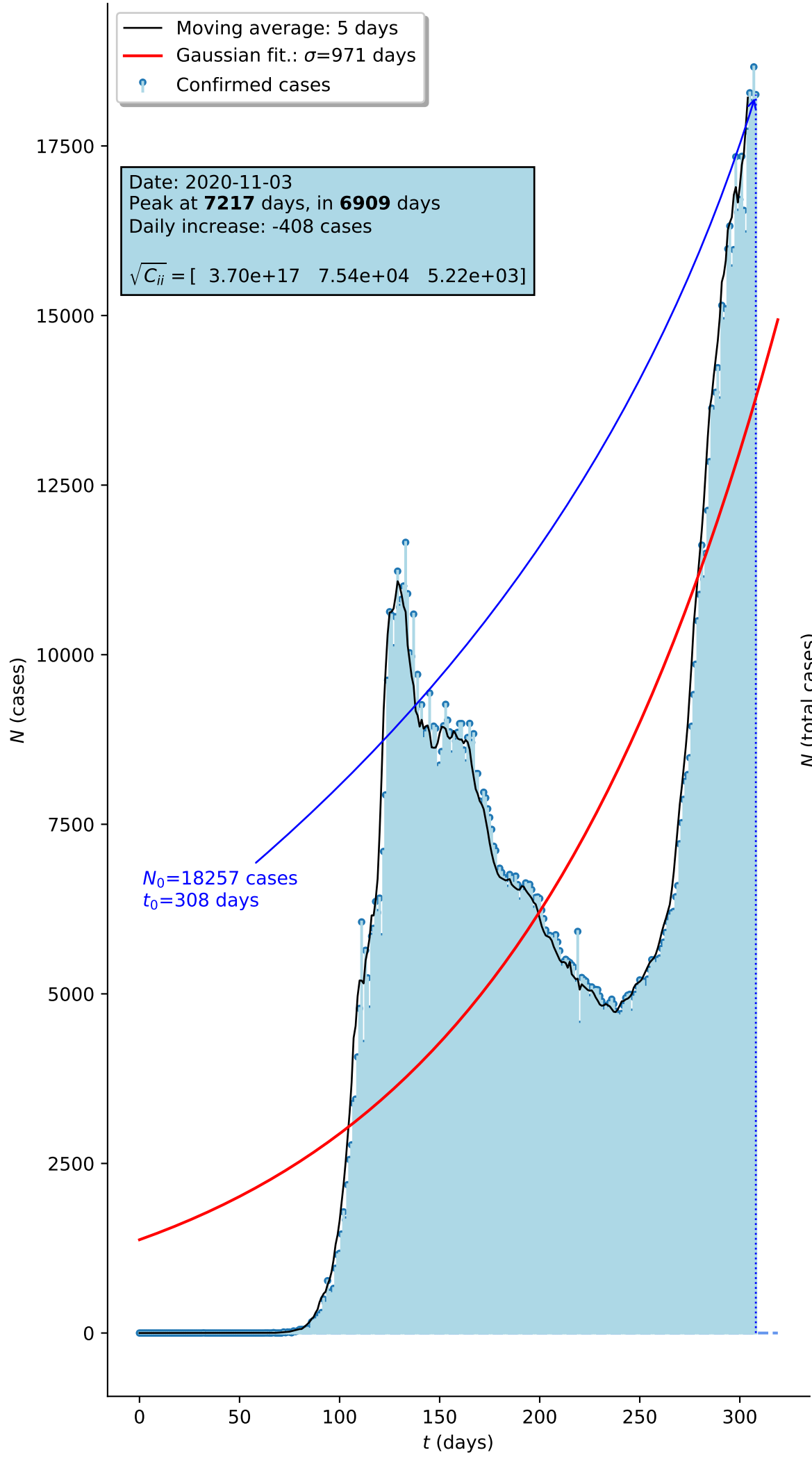
Peru - Total deaths  $N(t)$



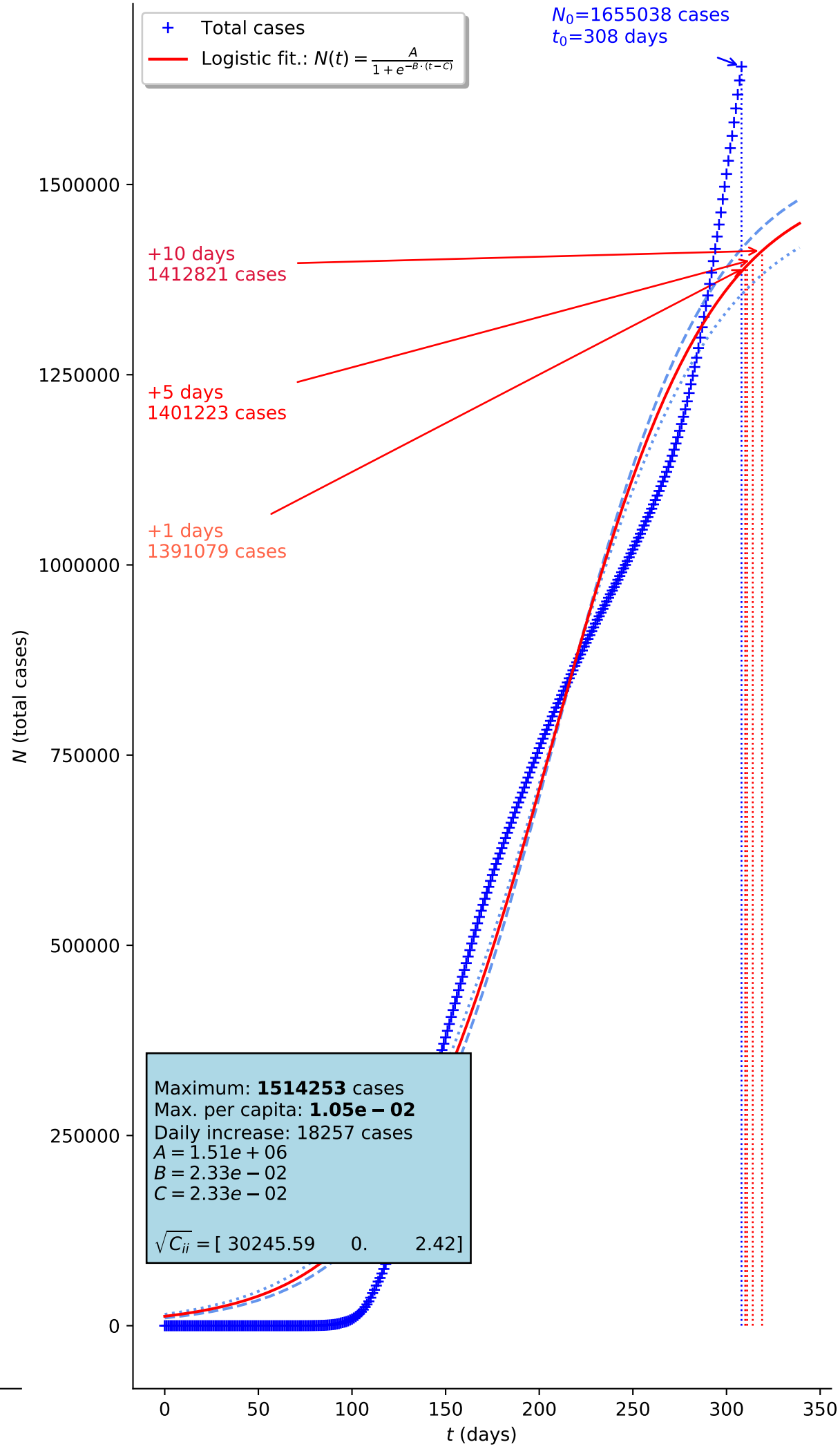
Portugal - Confirmed cases  $N(t)$  - Population: 10 283 822 people



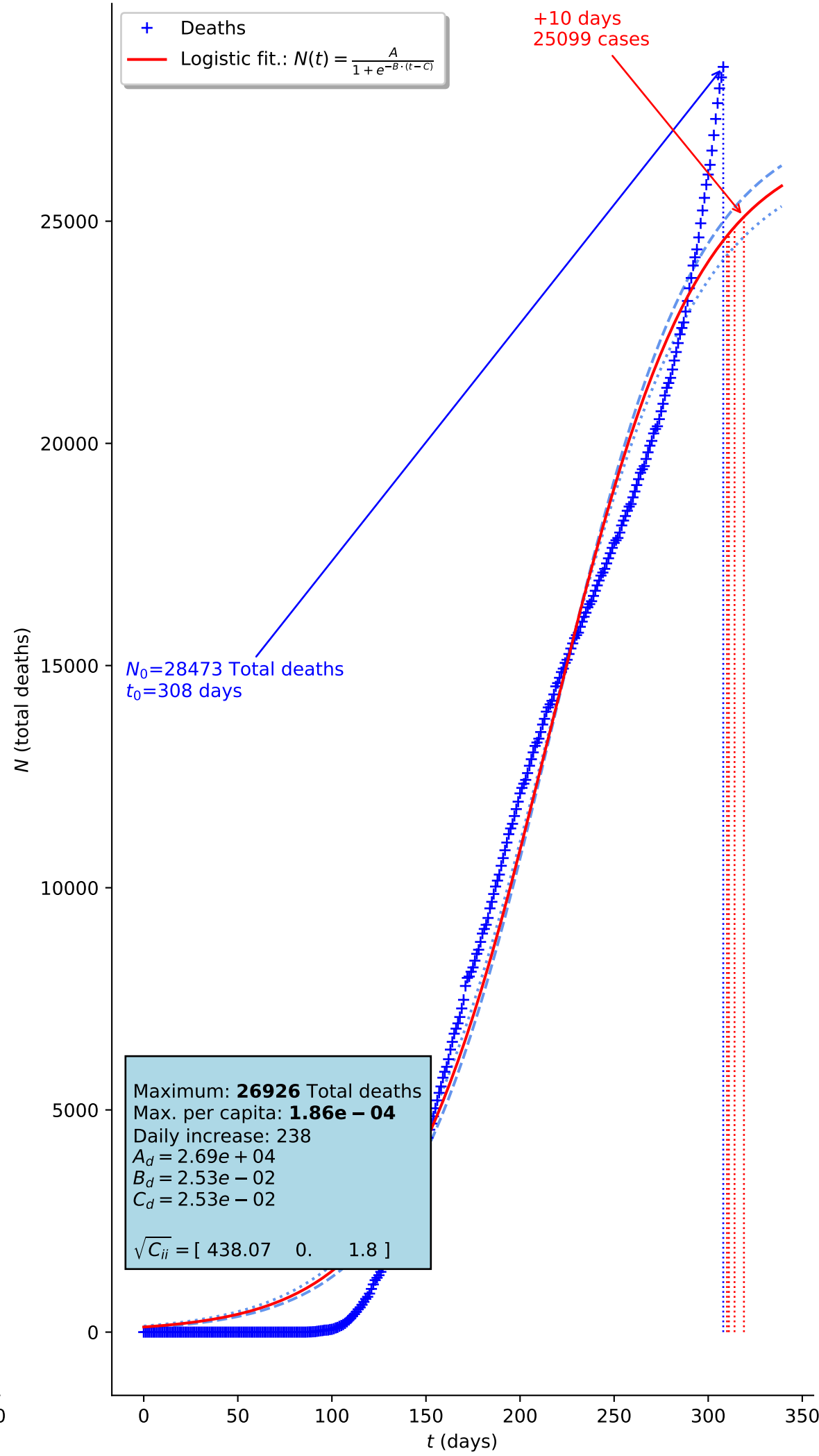
Russia - Confirmed cases  $N(t)$  - Population: 144 478 050 people



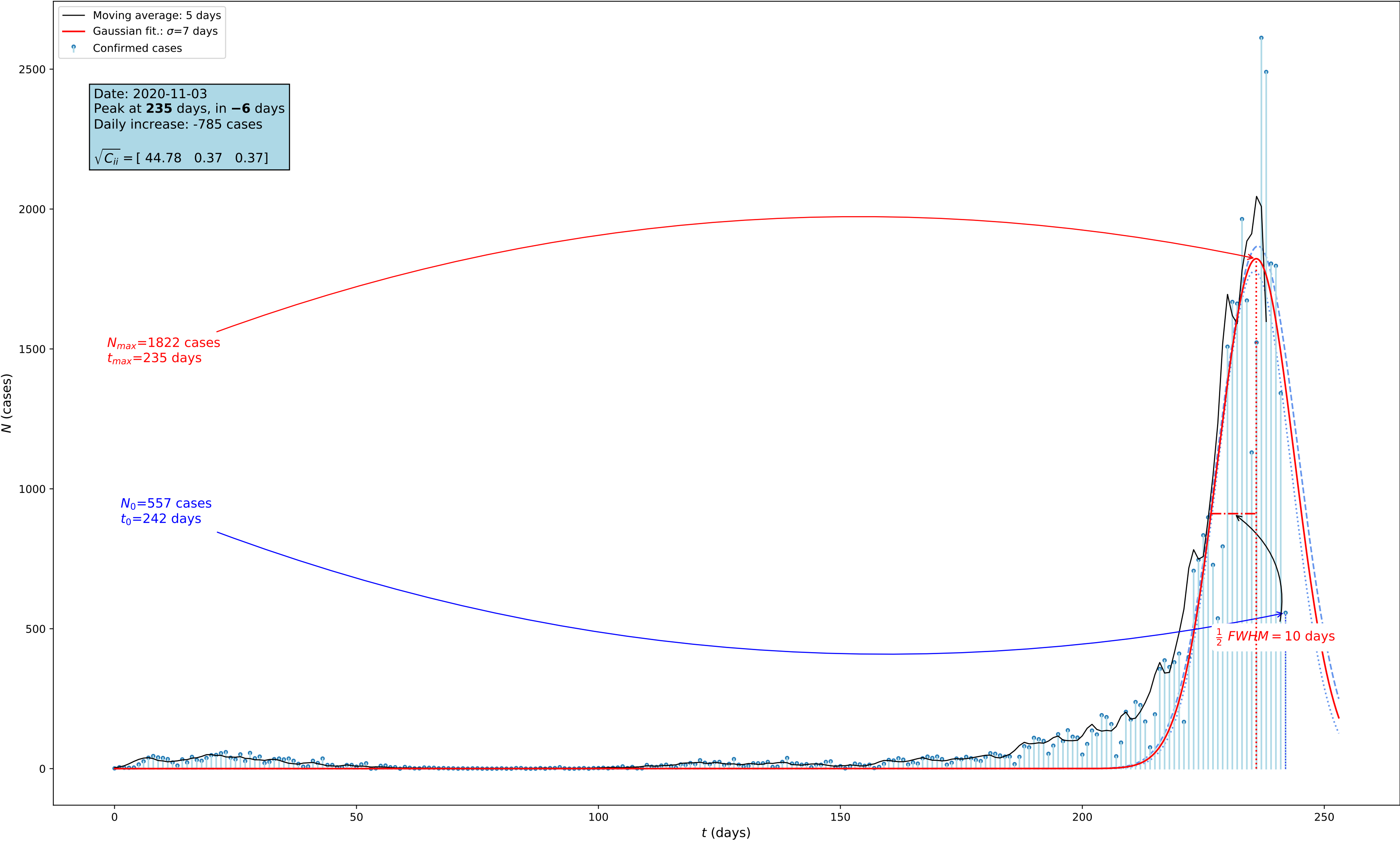
Russia - Total confirmed cases  $N(t)$



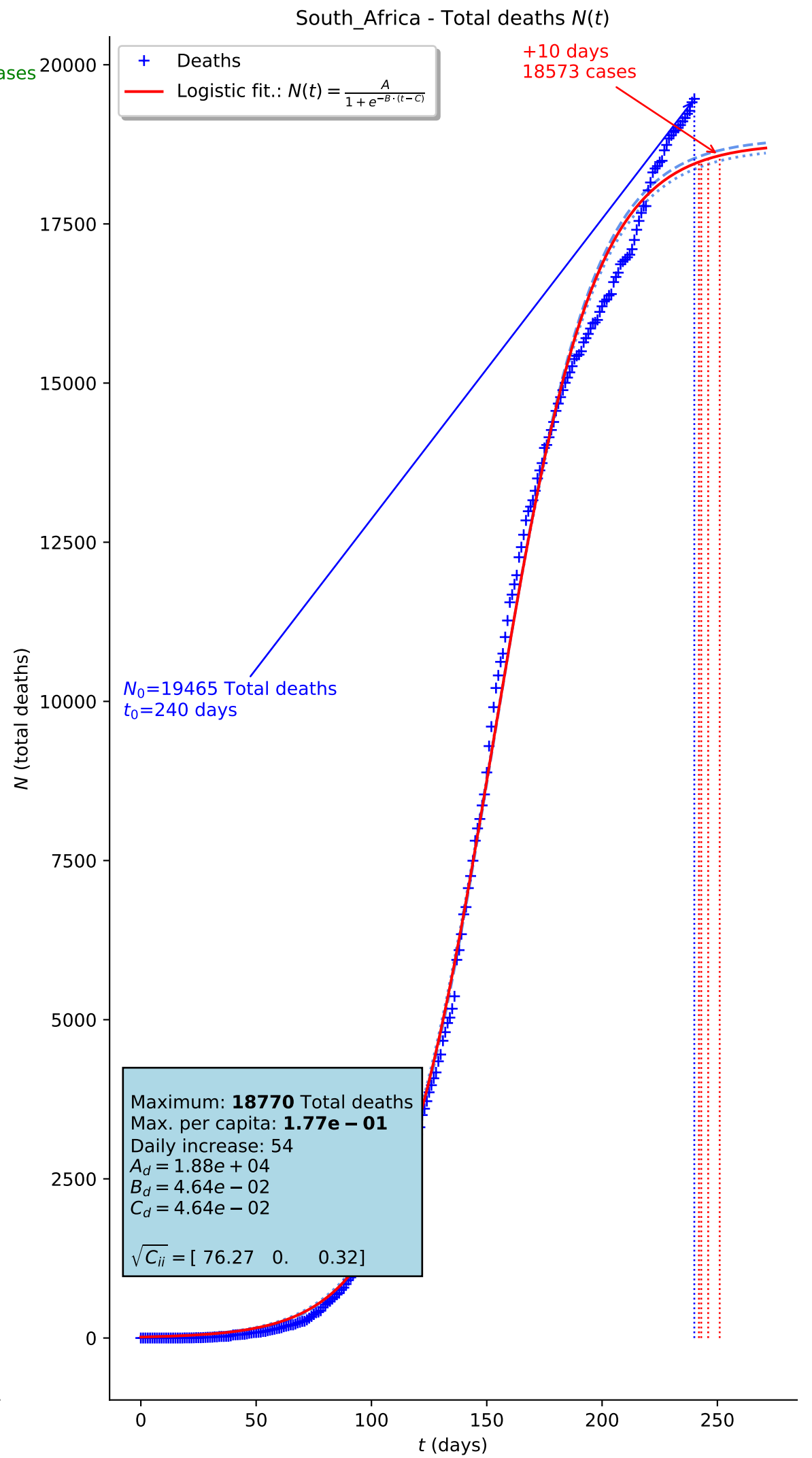
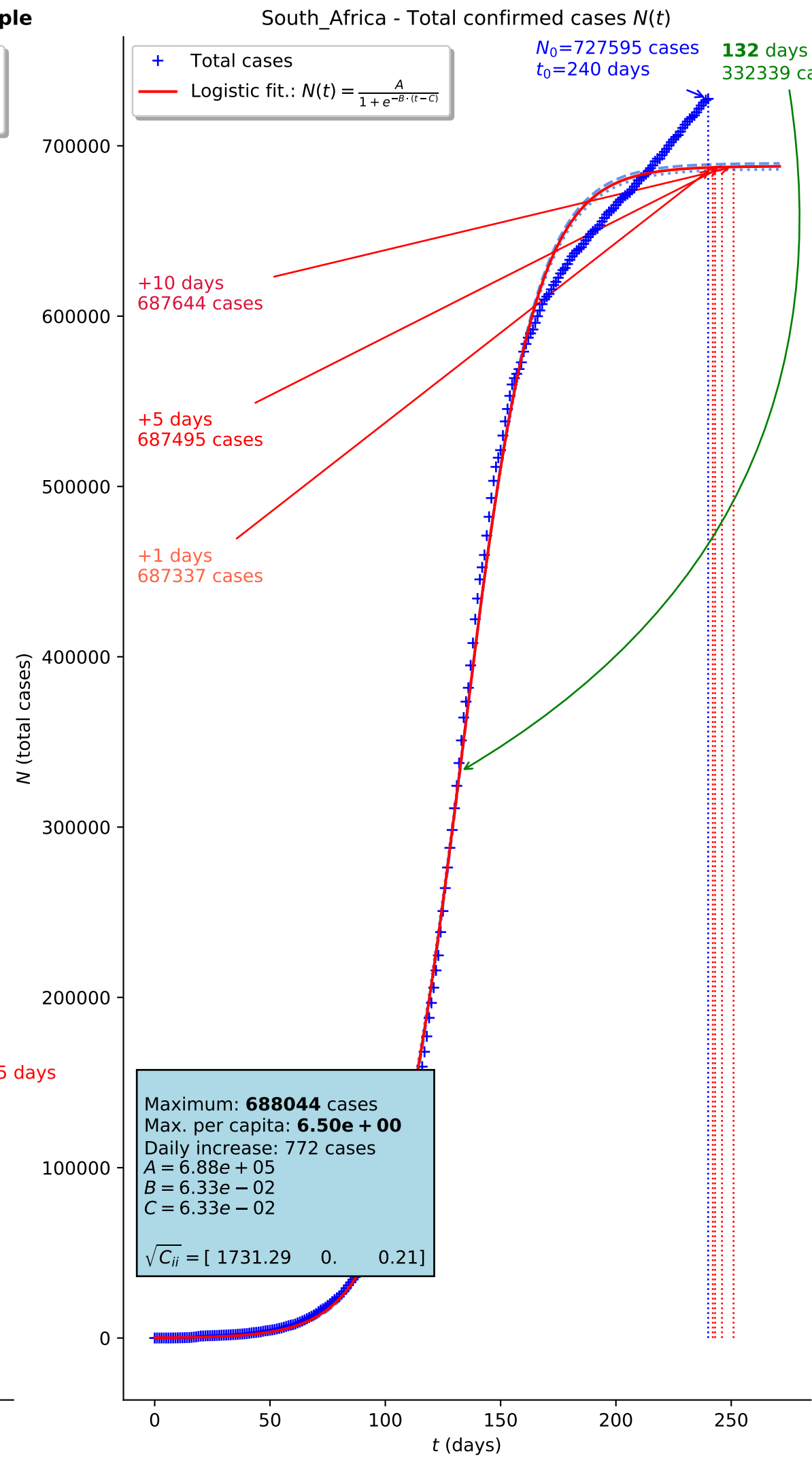
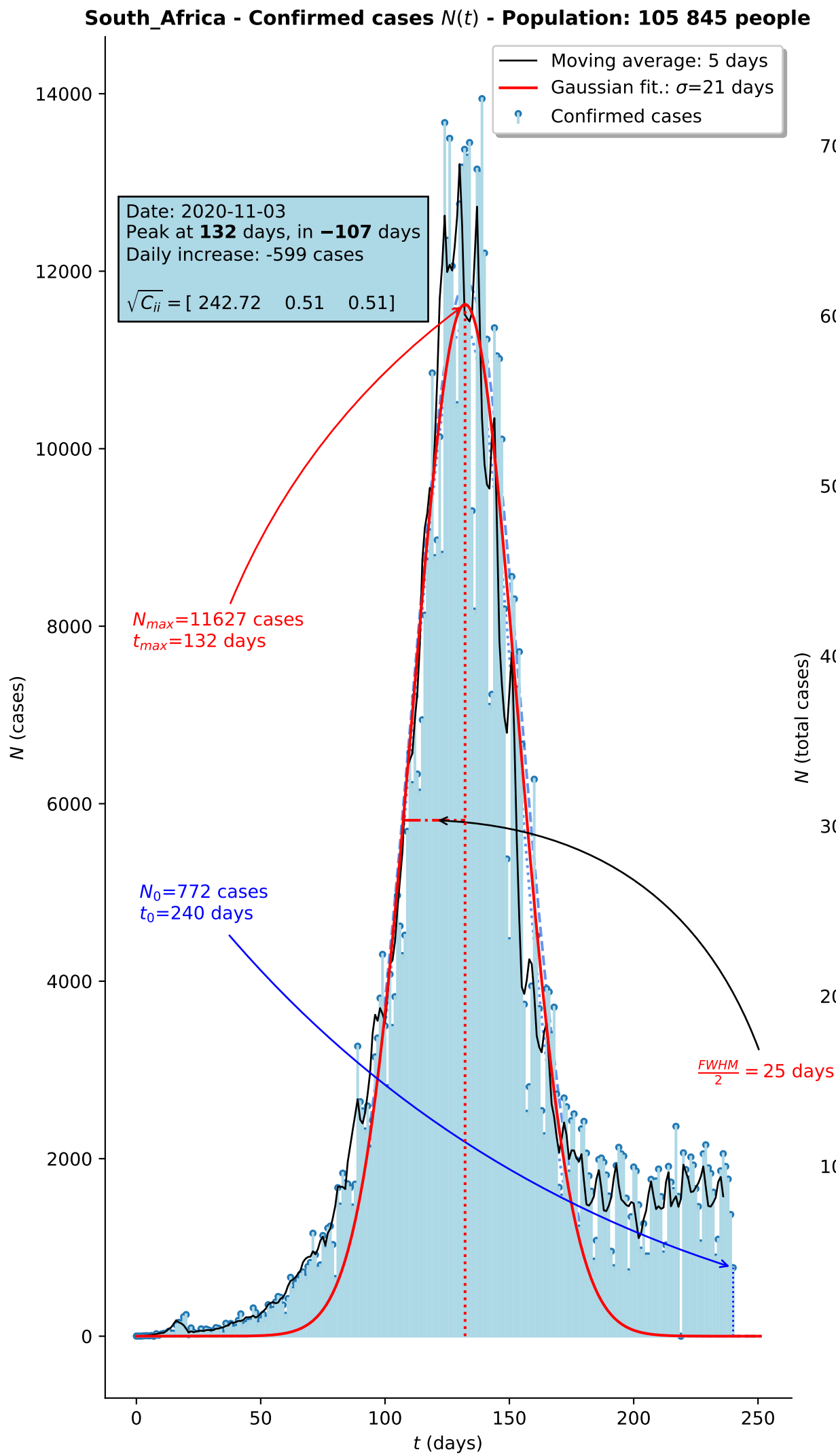
Russia - Total deaths  $N(t)$



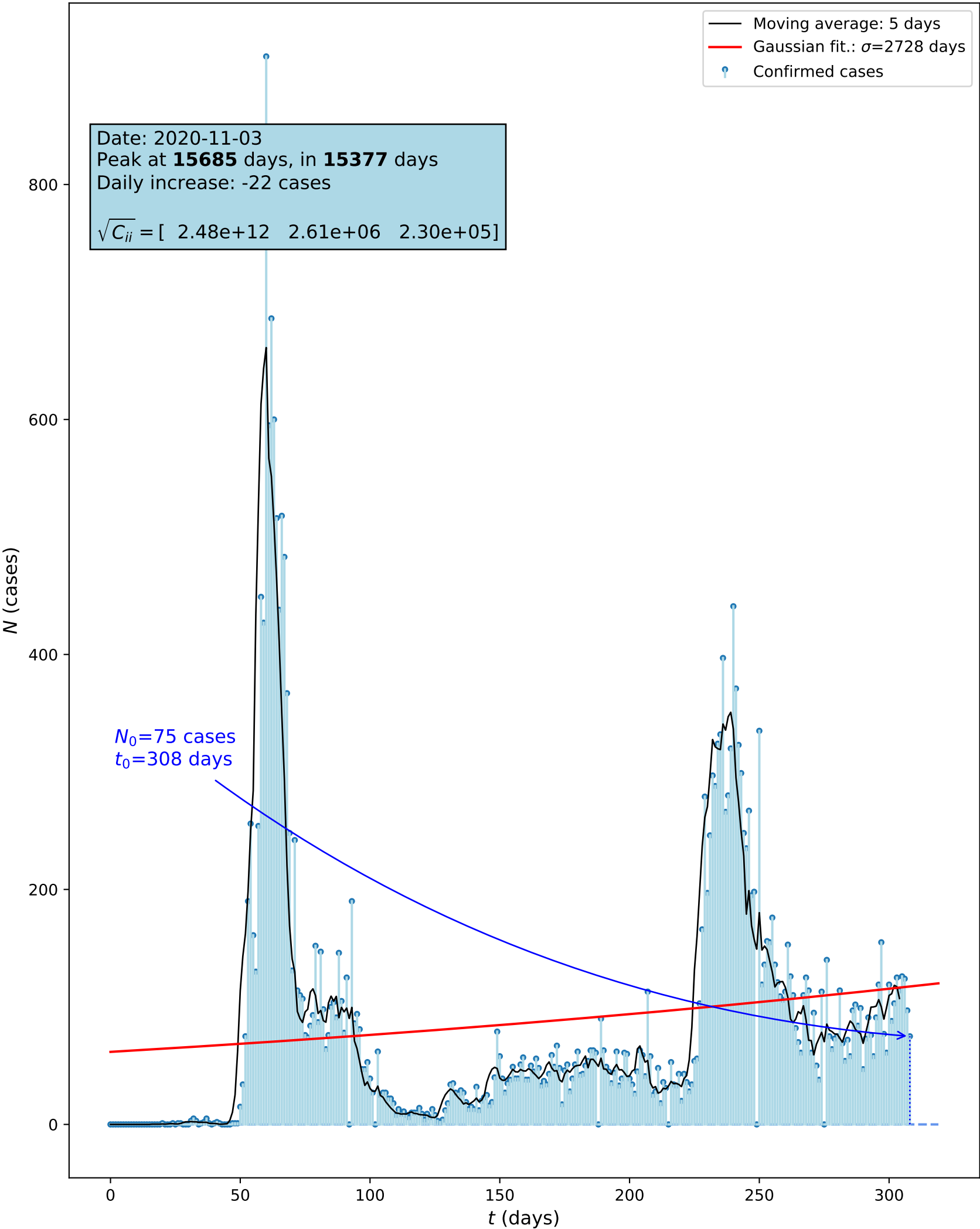
Slovenia - Confirmed cases  $N(t)$  - Population: 2 073 894 people



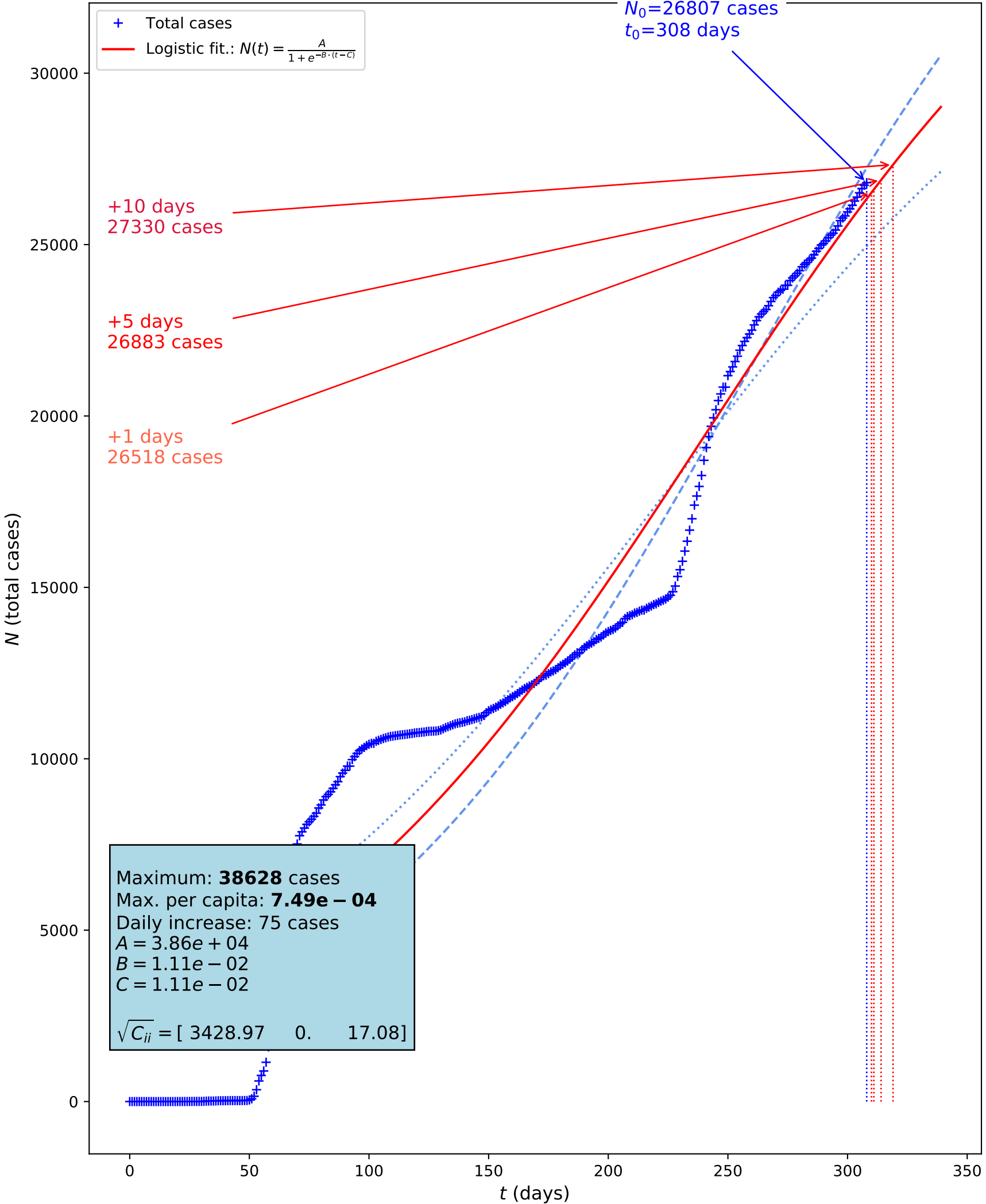




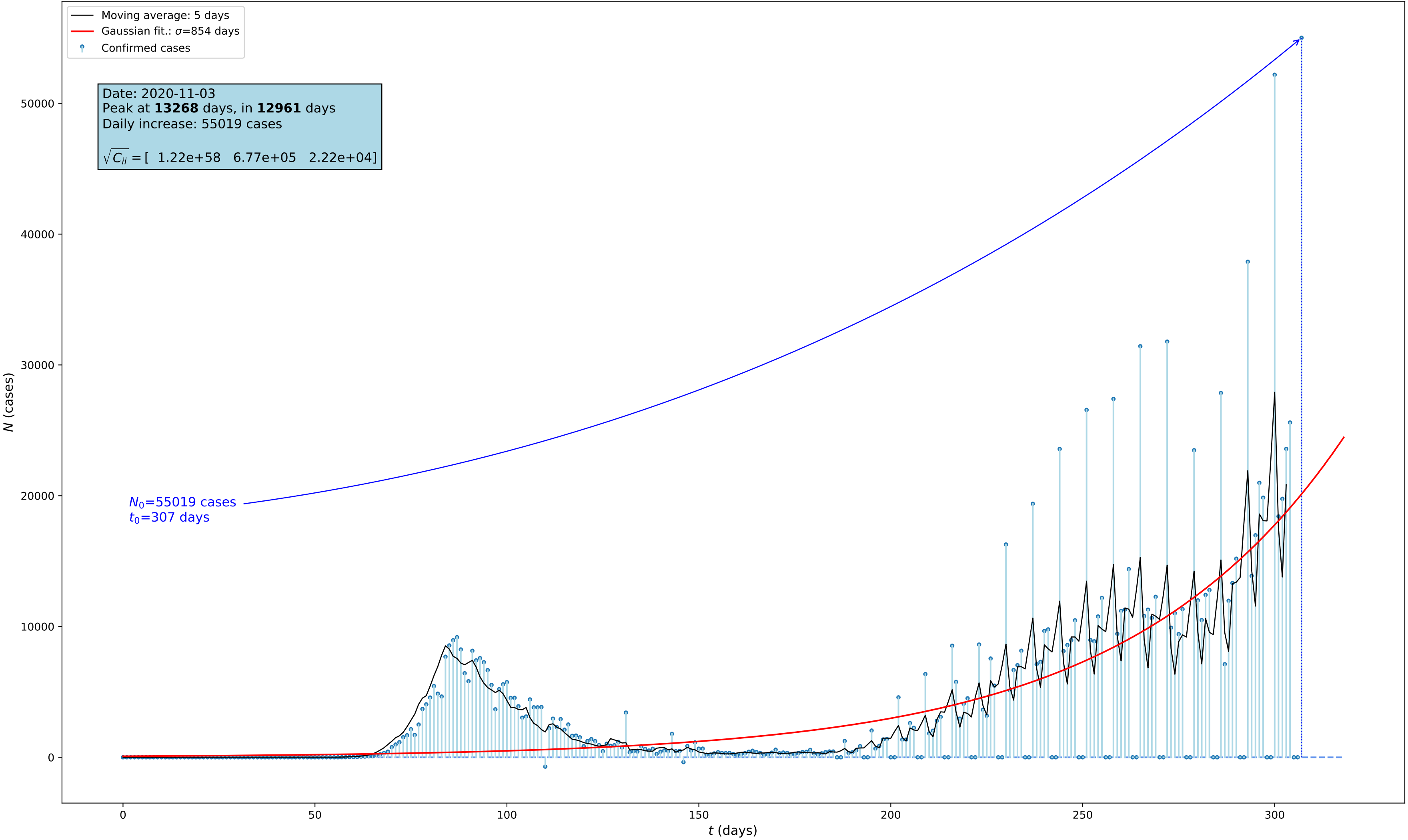
South\_Korea - Confirmed cases  $N(t)$  - Population: 51 606 633 people

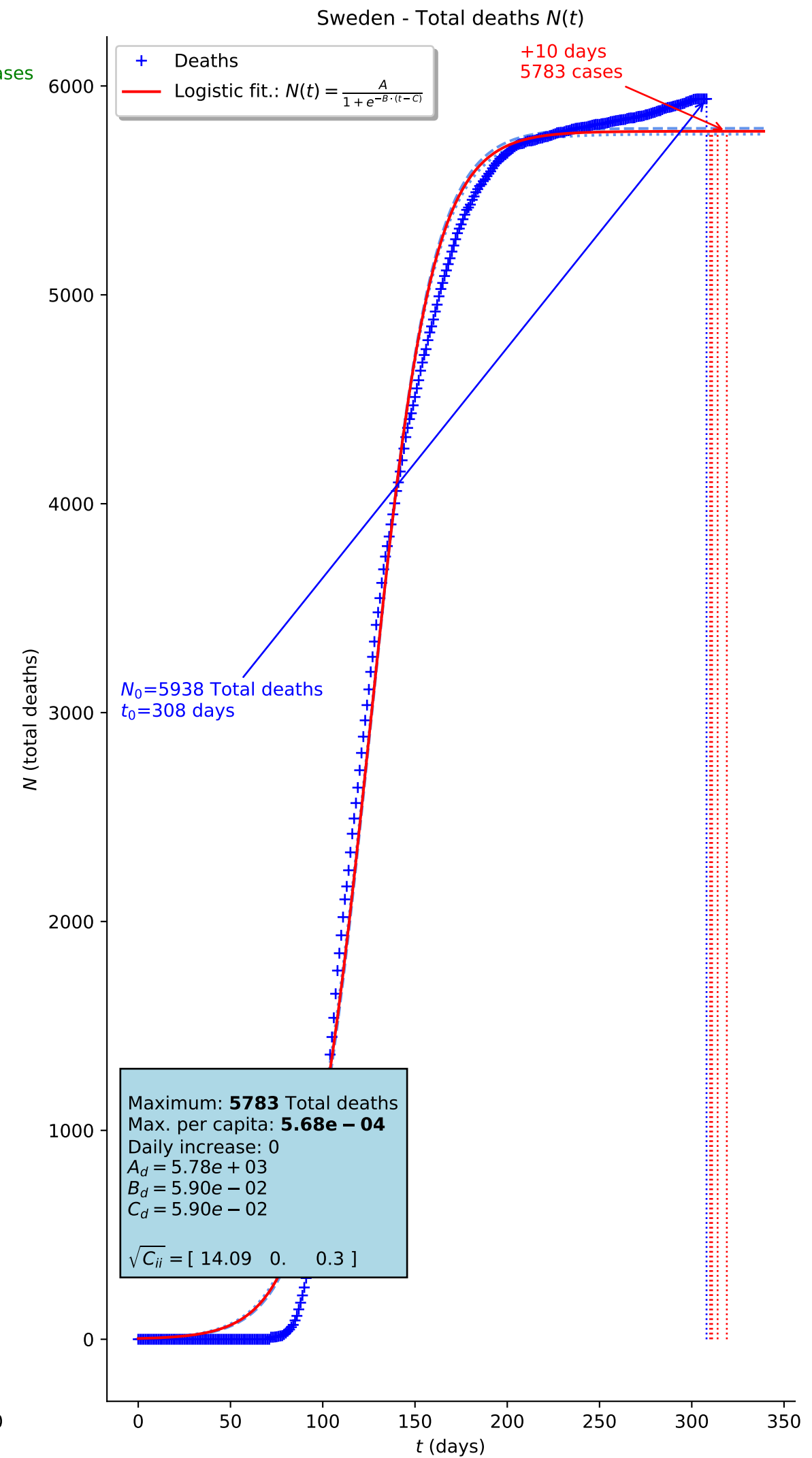
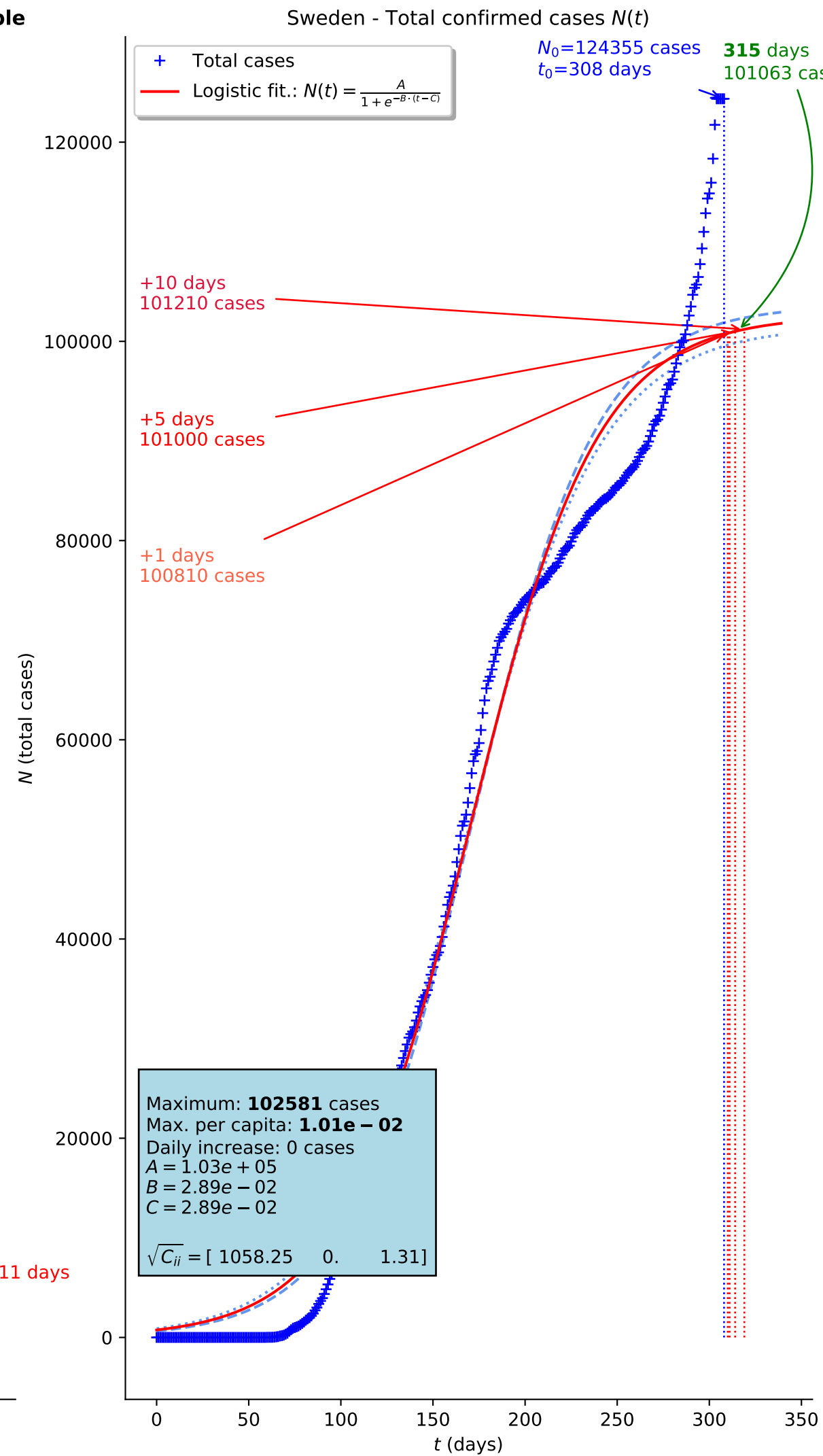
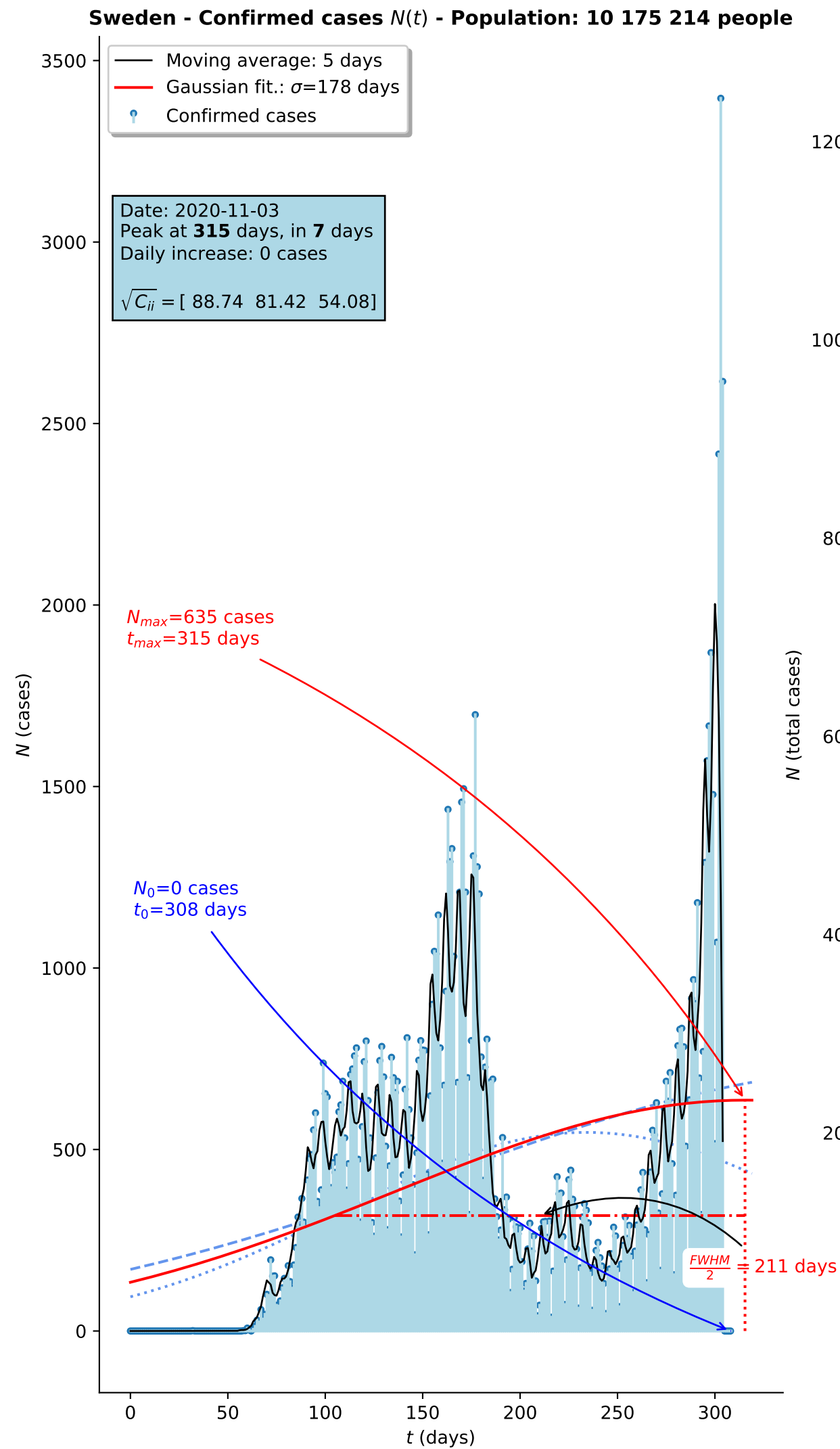


South\_Korea - Total confirmed cases  $N(t)$

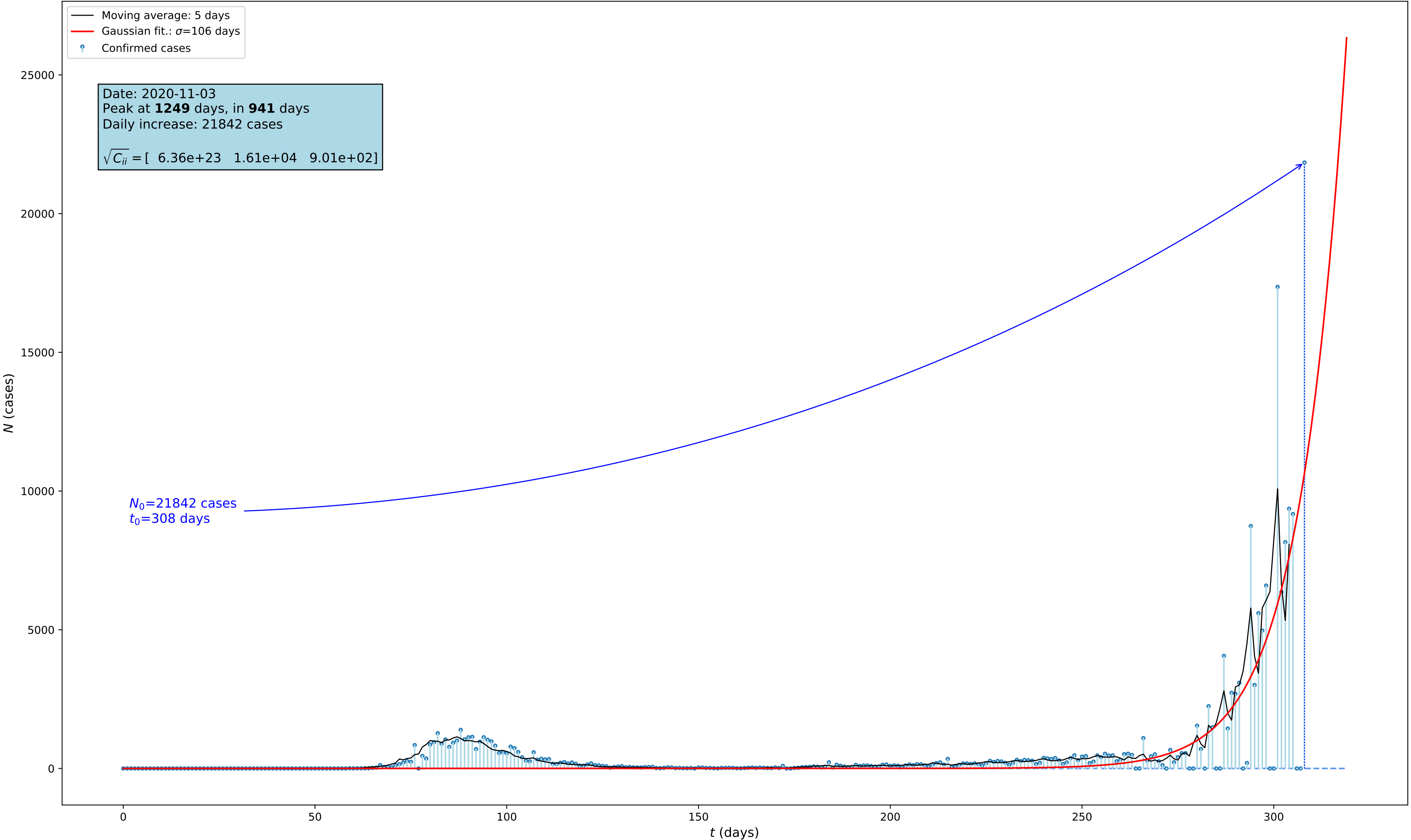


Spain - Confirmed cases  $N(t)$  - Population: 46 796 540 people

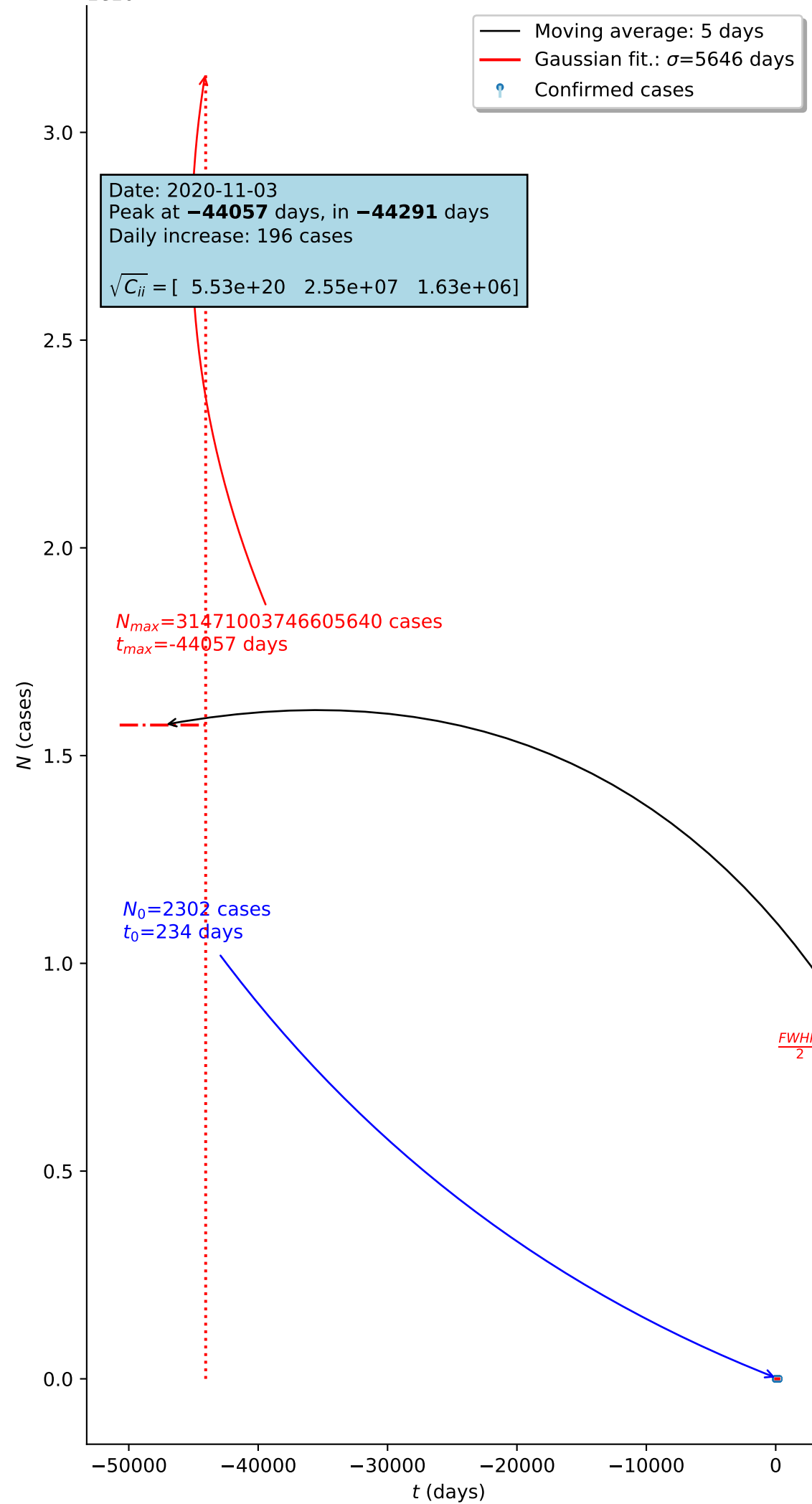




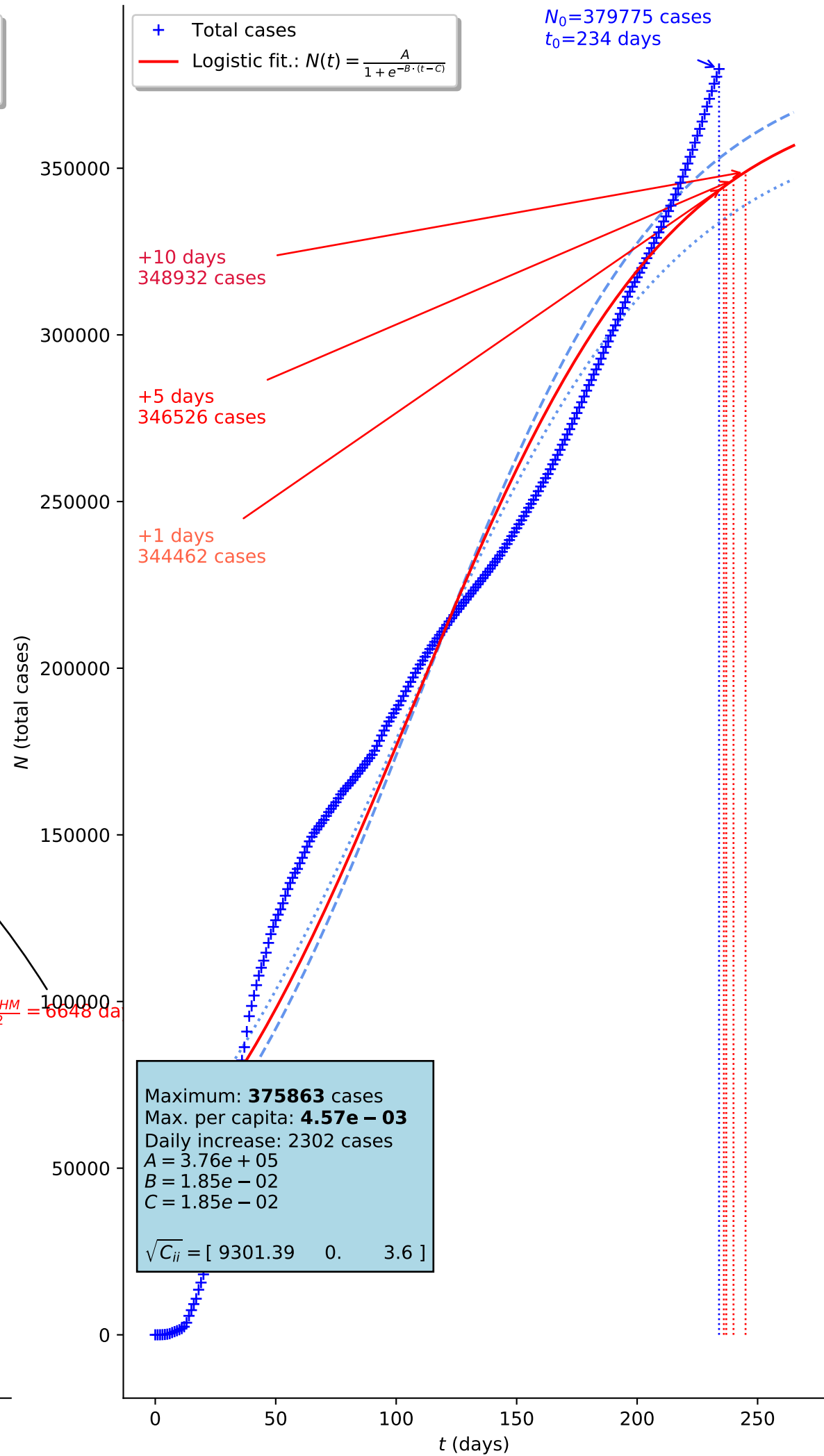
Switzerland - Confirmed cases  $N(t)$  - Population: 8 513 227 people



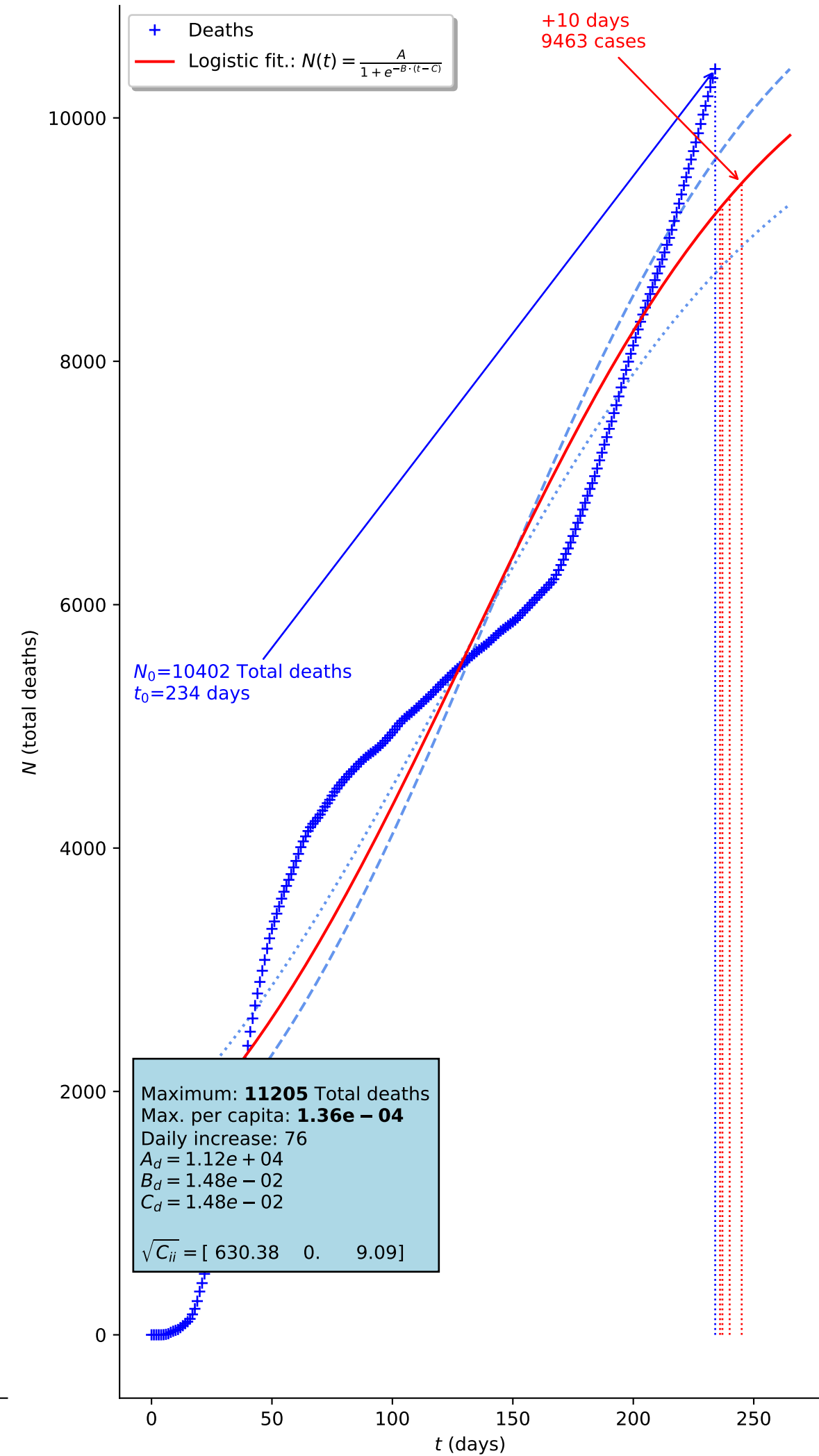
Turkey - Confirmed cases  $N(t)$  - Population: 82 319 724 people



Turkey - Total confirmed cases  $N(t)$

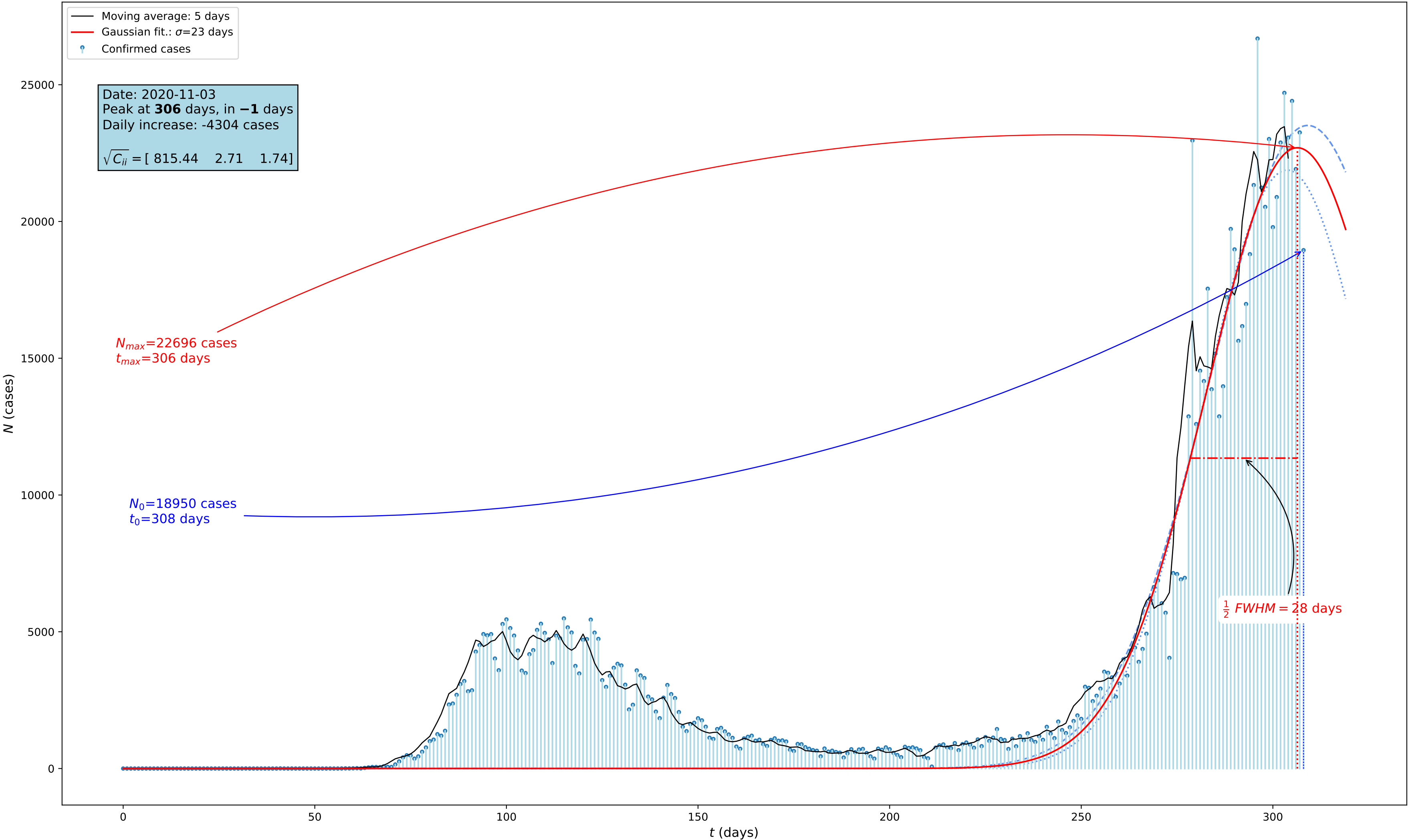


Turkey - Total deaths  $N(t)$

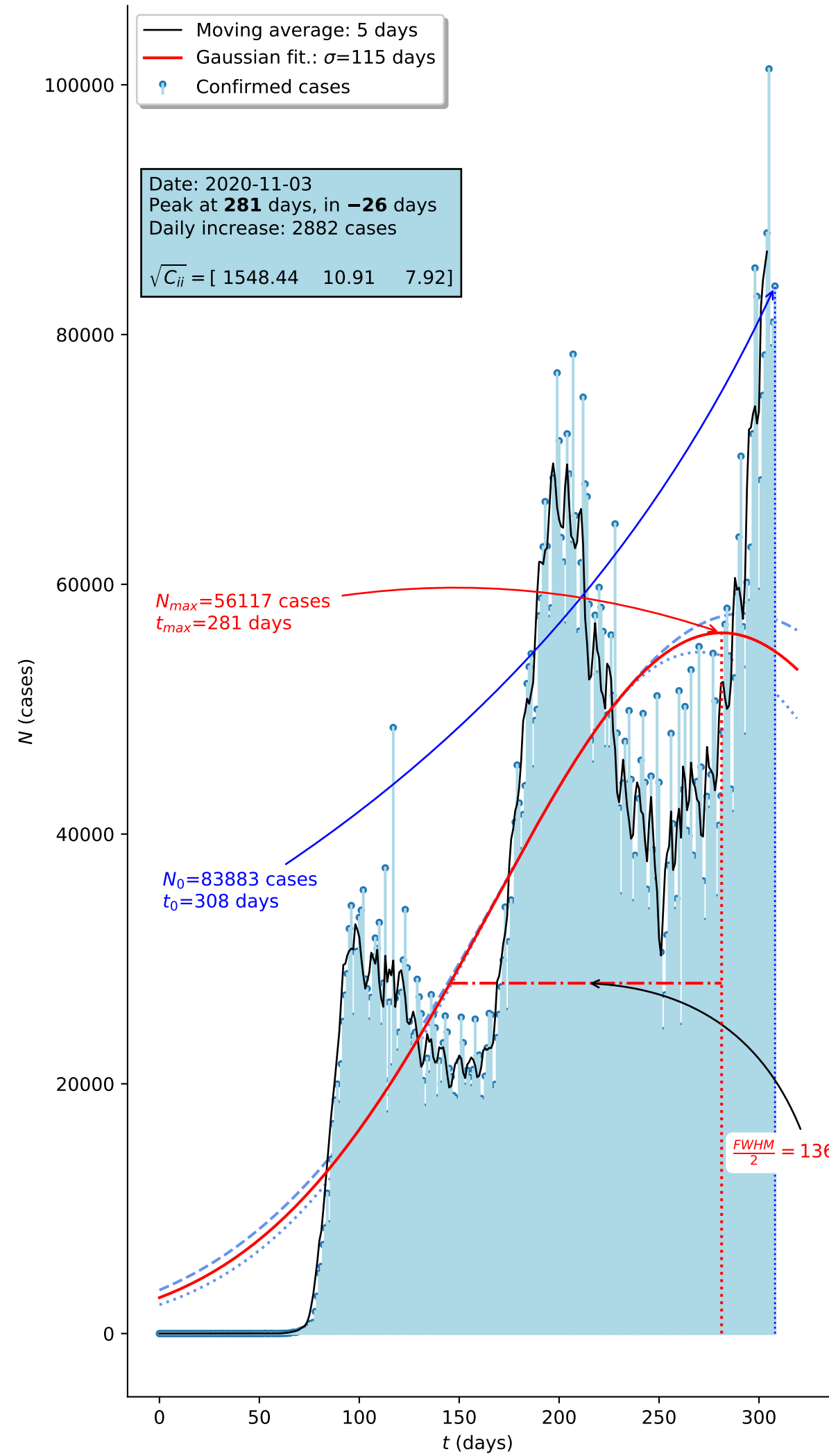




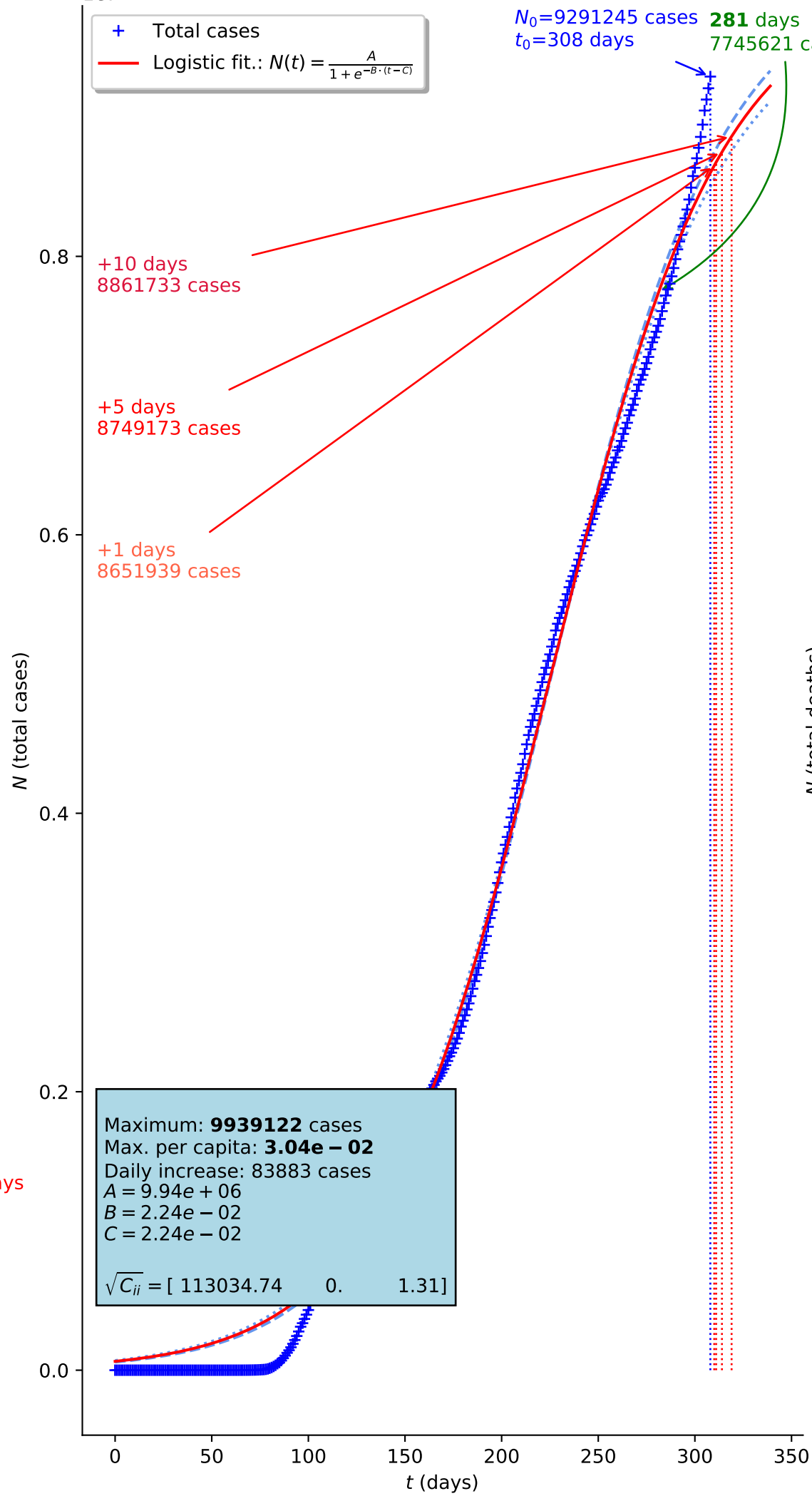
United\_Kingdom - Confirmed cases  $N(t)$  - Population: 66 460 344 people



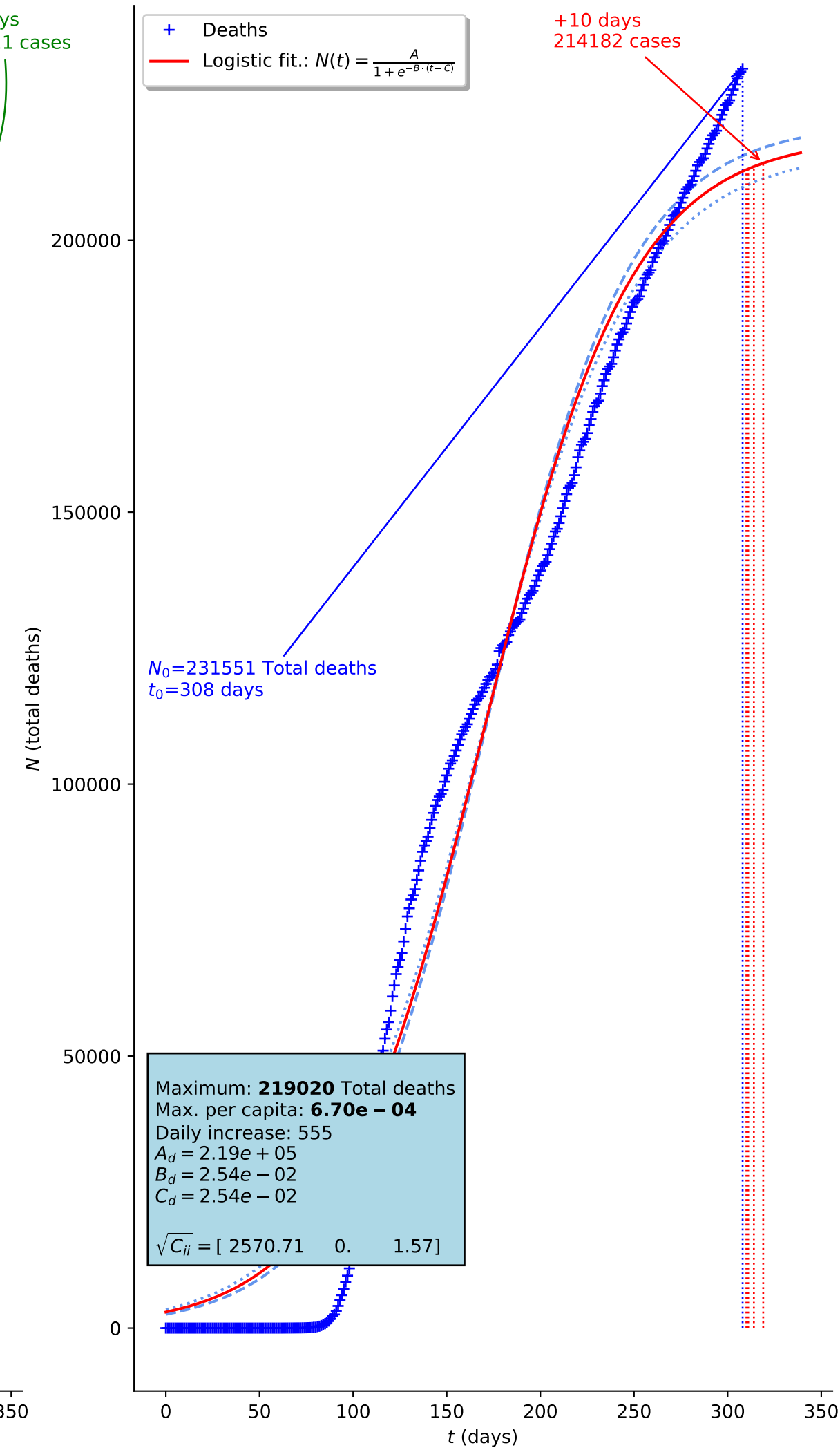
United\_States\_of\_America - Confirmed cases  $N(t)$  - Population: 326 687 501 people



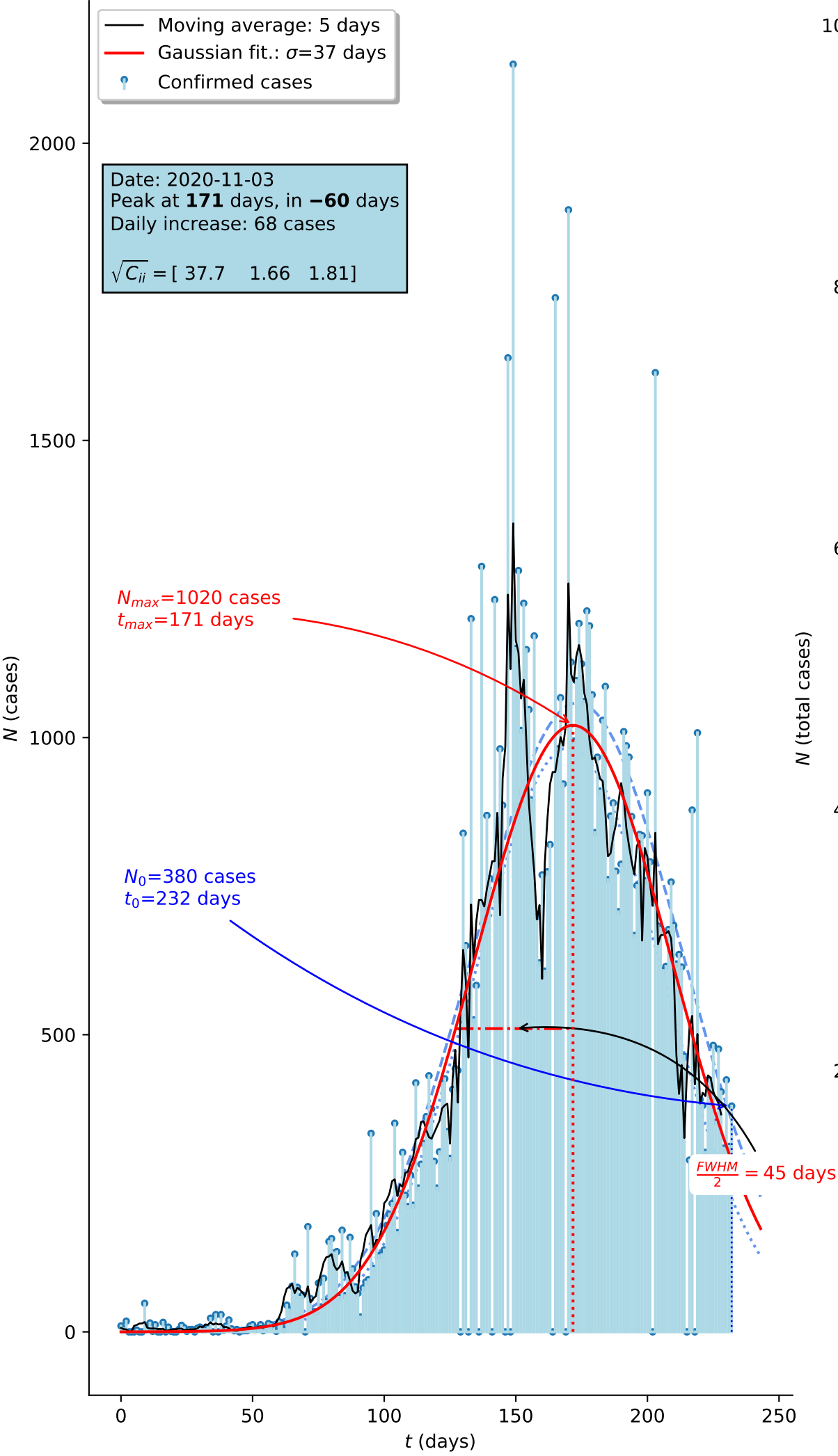
United\_States\_of\_America - Total confirmed cases  $N(t)$



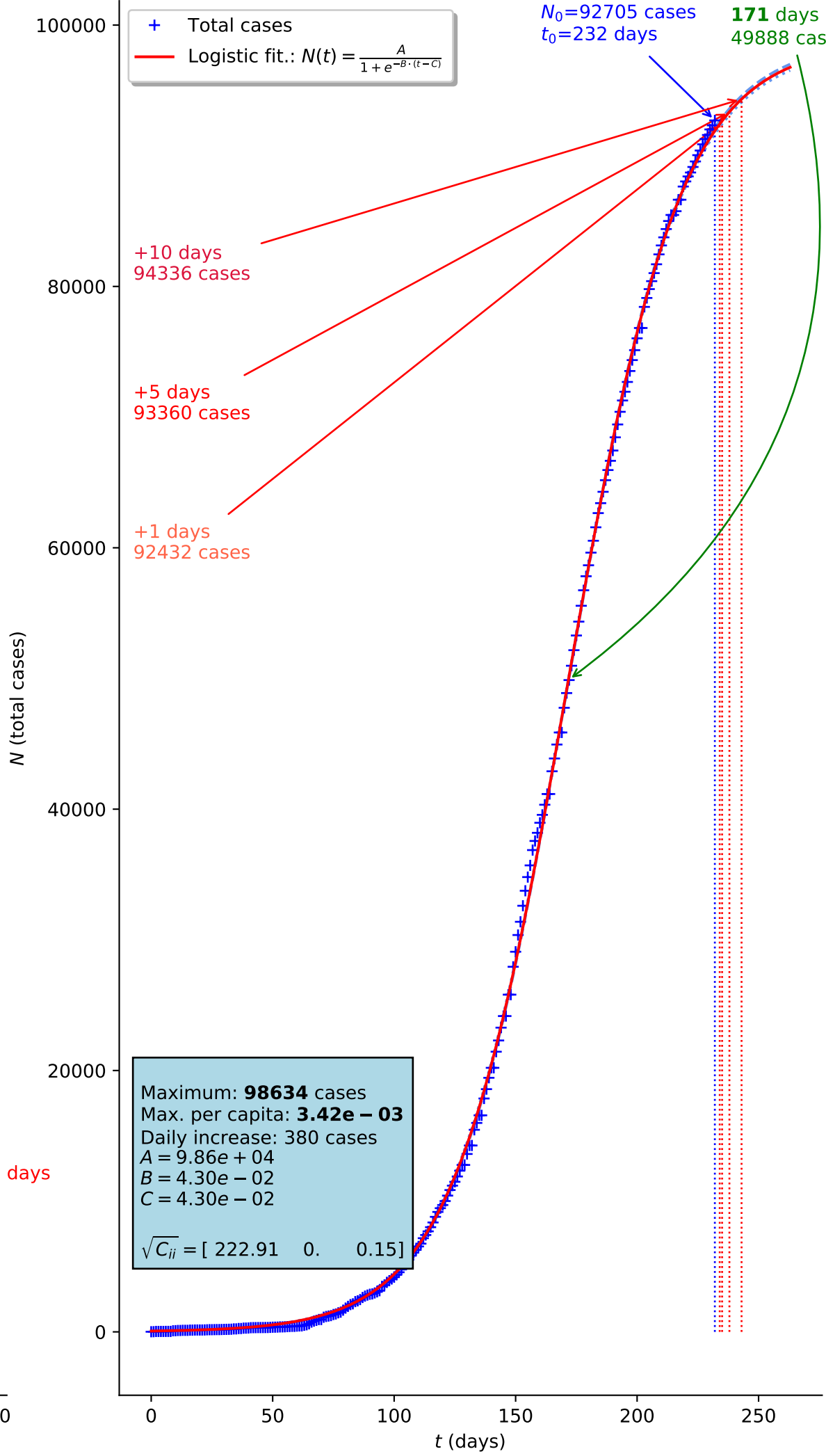
United\_States\_of\_America - Total deaths  $N(t)$



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



Venezuela - Total confirmed cases  $N(t)$



Venezuela - Total deaths  $N(t)$

