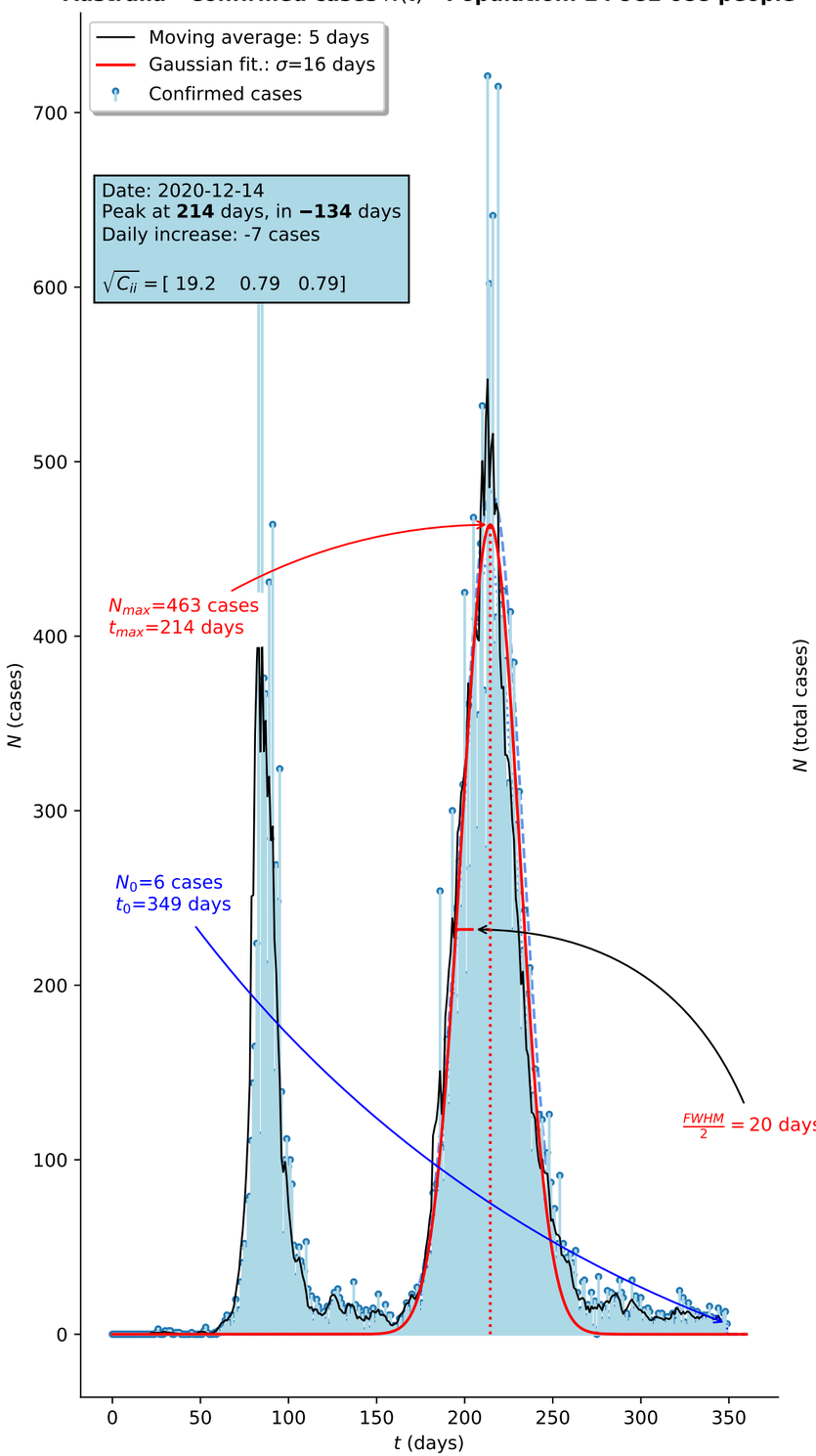
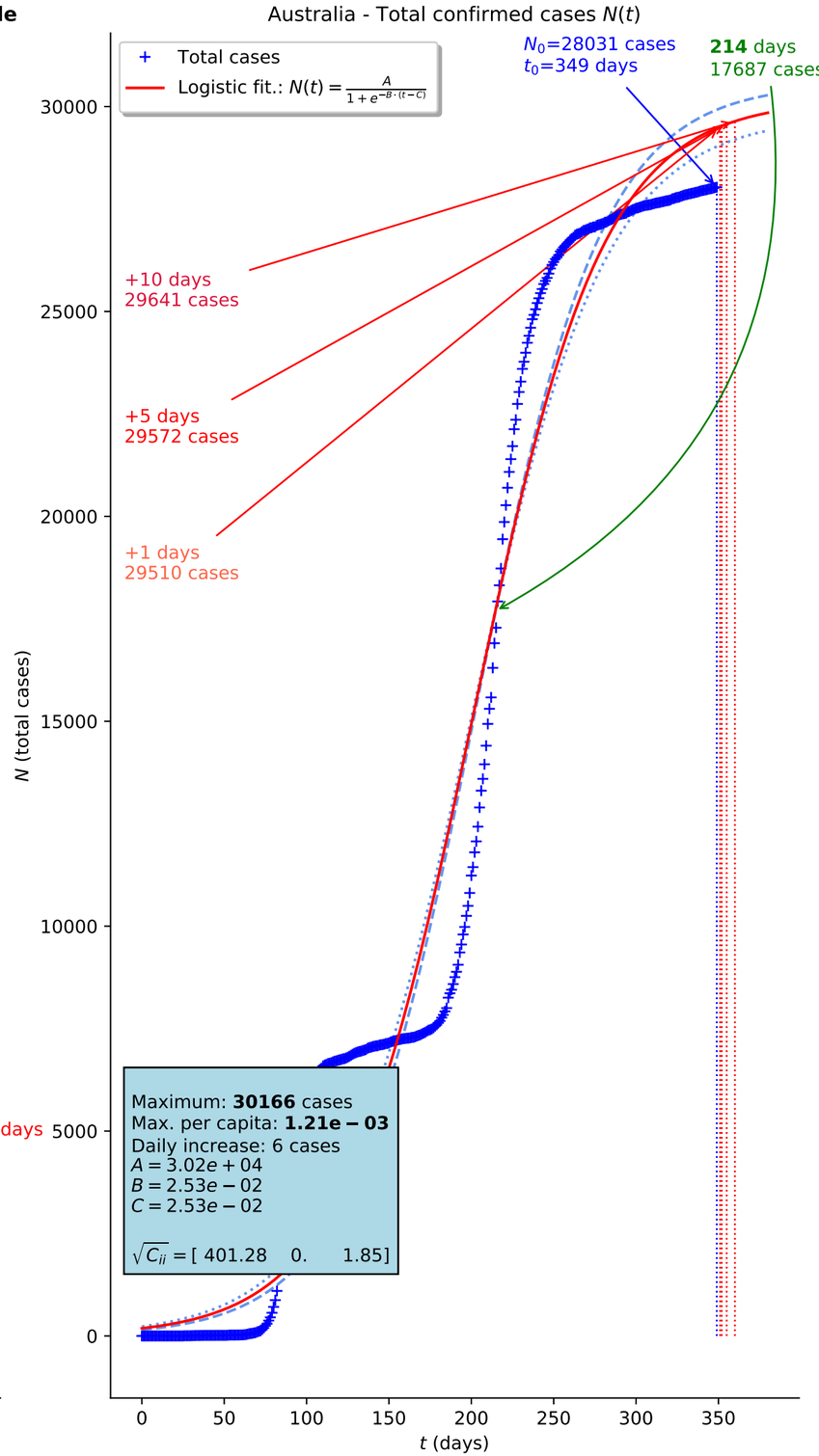
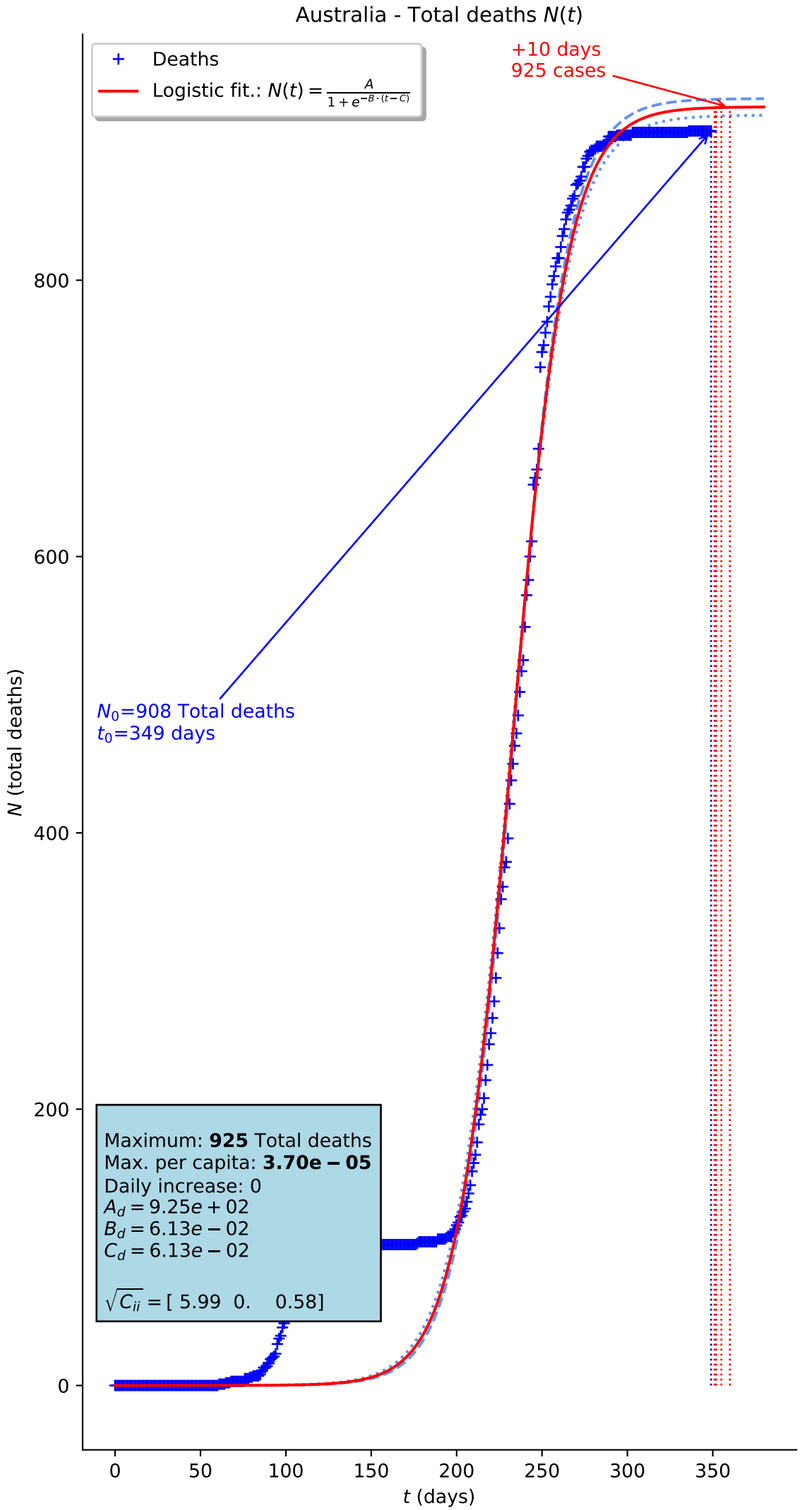
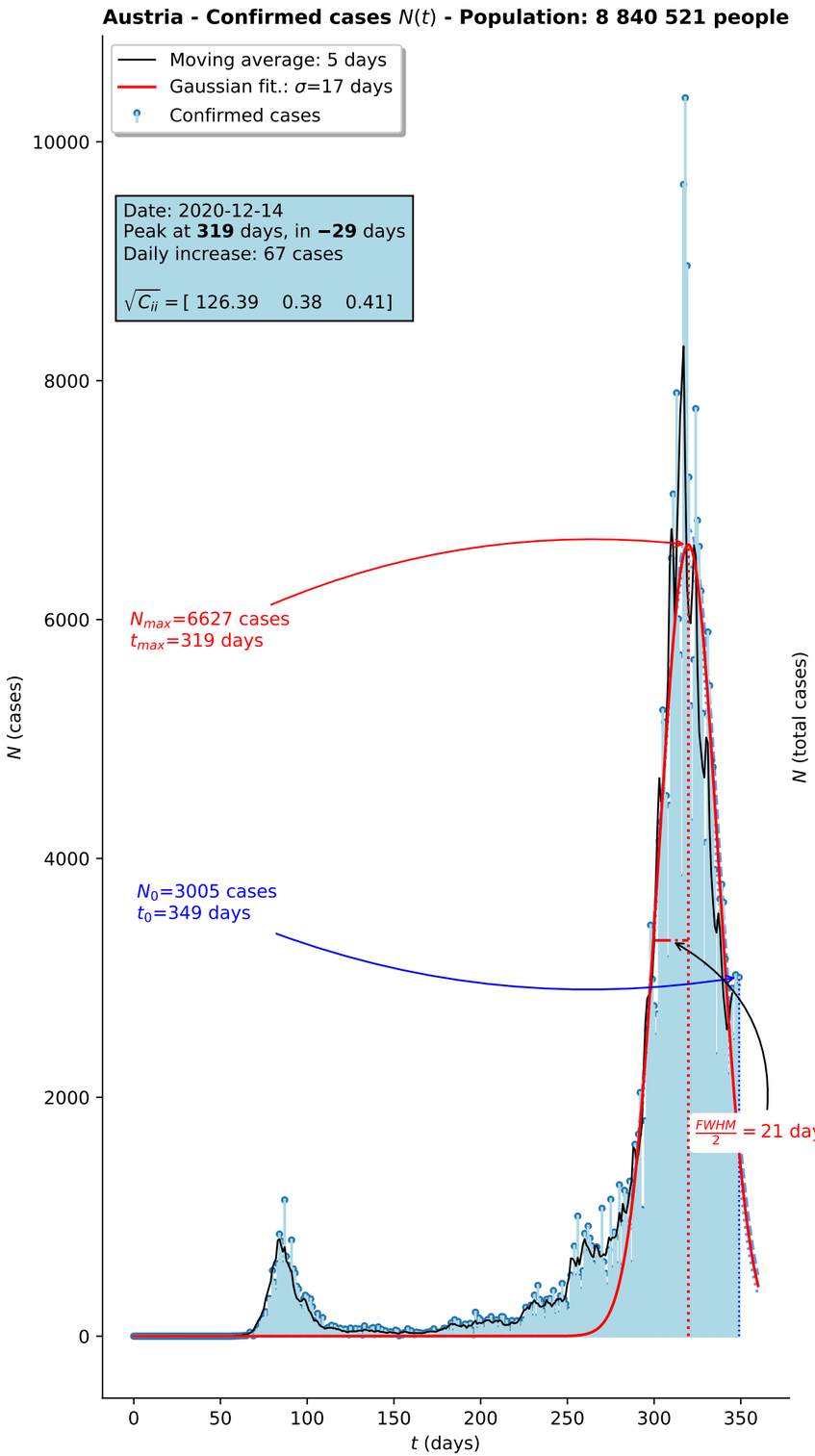
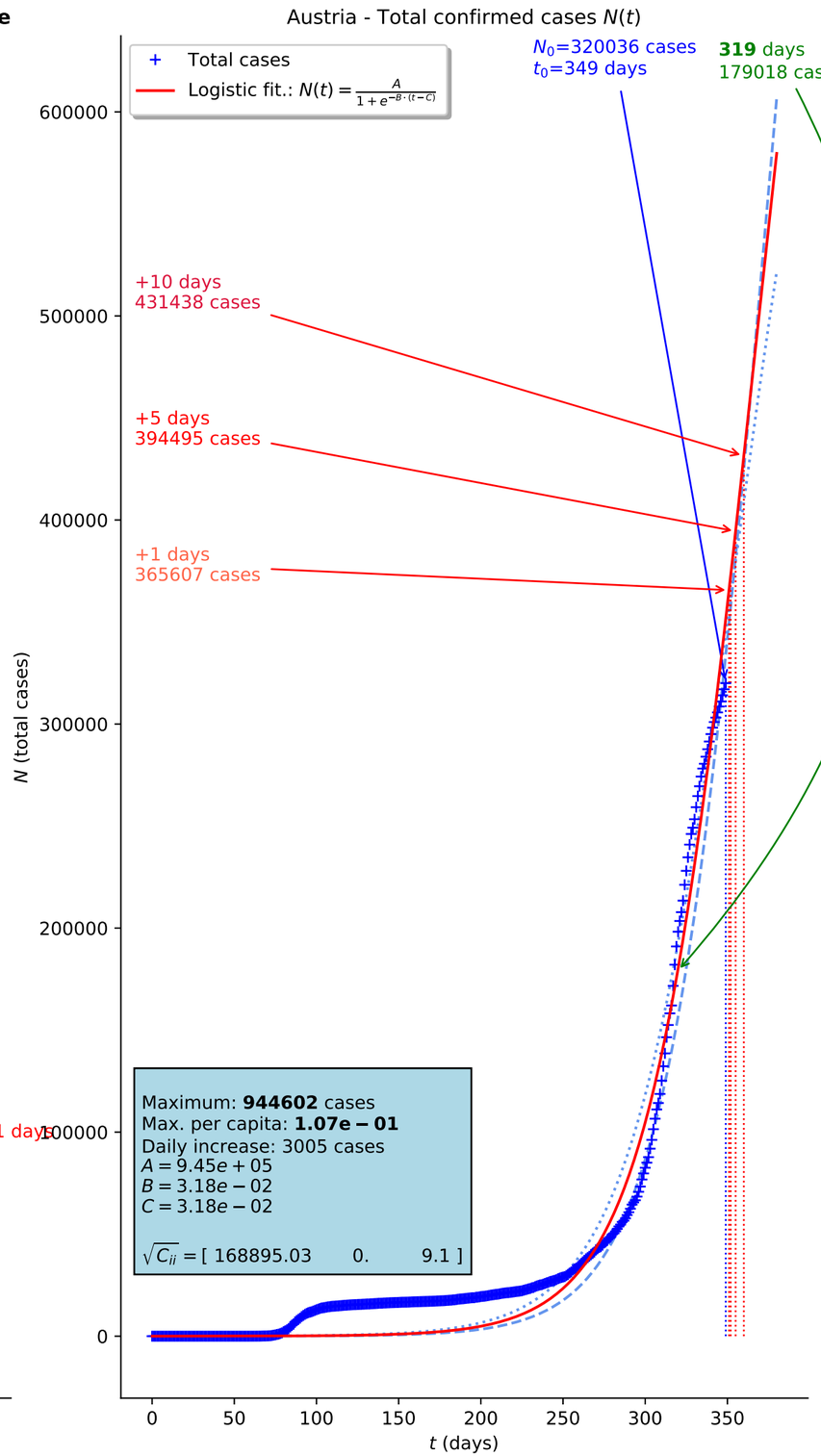
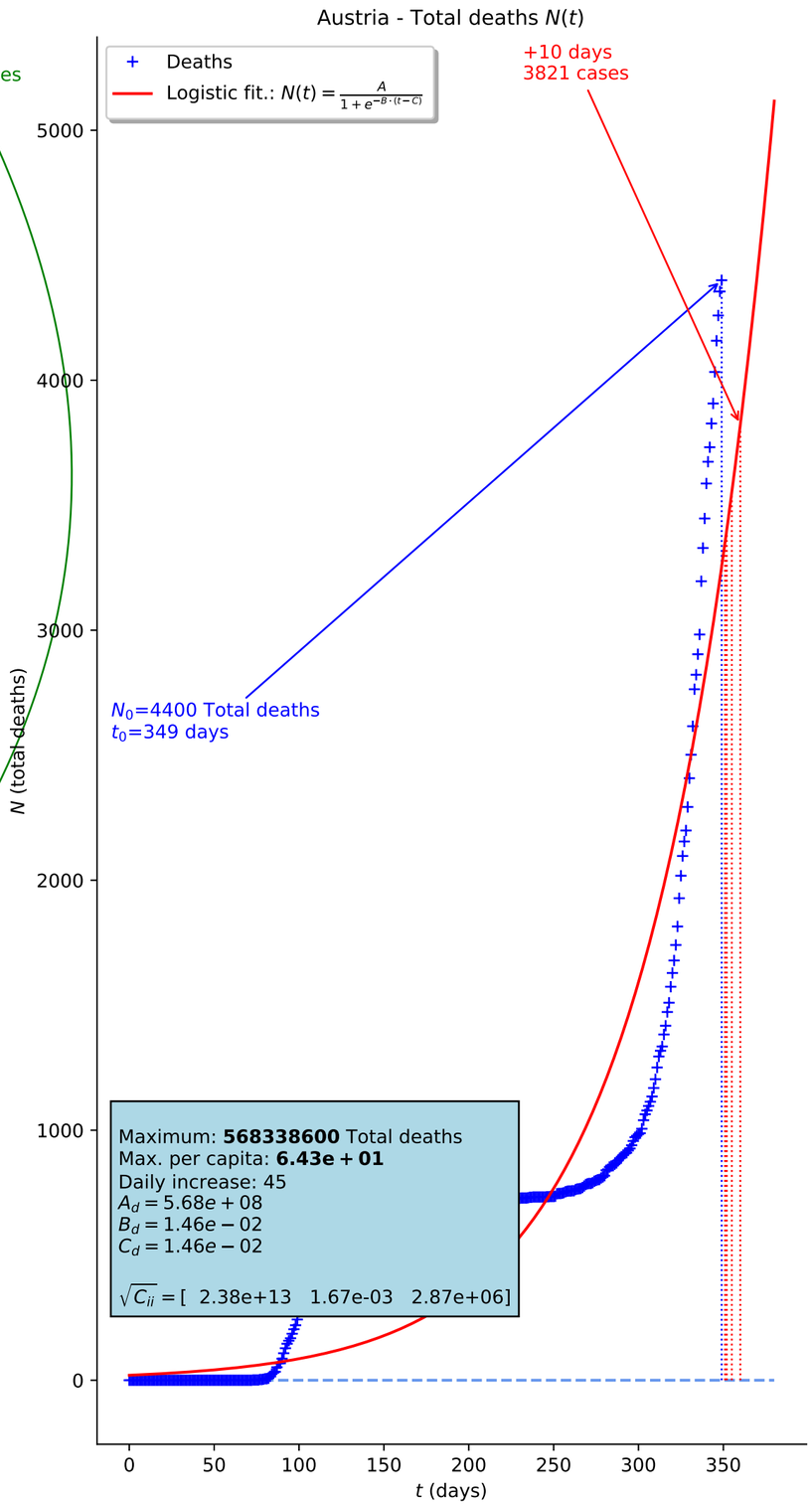

Australia - Confirmed cases $N(t)$ - Population: 24 982 688 people
Moving average: 5 days
Gaussian fit.: σ=16 days
Confirmed cases
Date: 2020-12-14
Peak at **214** days, in **−134** days
Daily increase: -7 cases
$\sqrt{C_{ii}}$ = [19.2 0.79 0.79]
N_{max}=463 cases
t_{max}=214 days
N_0=6 cases
t_0=349 days
$\frac{FWHM}{2}$ = 20 days
N (cases)
t (days)


Australia - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=28031 cases
t_0=349 days
214 days
17687 cases
+10 days
29641 cases
+5 days
29572 cases
+1 days
29510 cases
Maximum: **30166** cases
Max. per capita: **1.21e − 03**
Daily increase: 6 cases
$A = 3.02e+04$
$B = 2.53e-02$
$C = 2.53e-02$
$\sqrt{C_{ii}}$ = [401.28 0. 1.85]
N (total cases)
t (days)

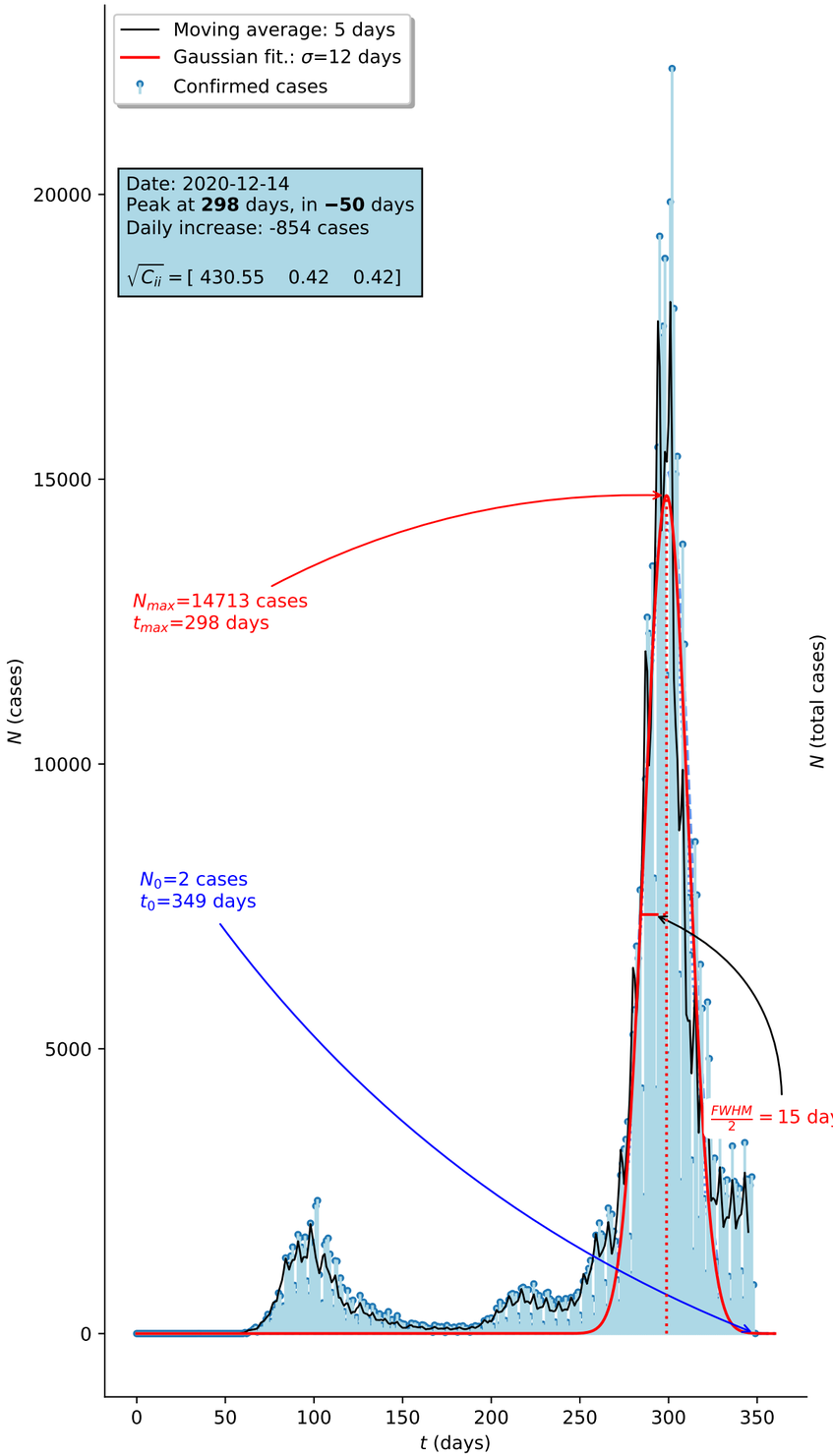

Australia - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
925 cases
N_0=908 Total deaths
t_0=349 days
Maximum: **925** Total deaths
Max. per capita: **3.70e − 05**
Daily increase: 0
$A_d = 9.25e+02$
$B_d = 6.13e-02$
$C_d = 6.13e-02$
$\sqrt{C_{ii}}$ = [5.99 0. 0.58]
N (total deaths)
t (days)


Austria - Confirmed cases $N(t)$ - Population: 8 840 521 people
Moving average: 5 days
Gaussian fit.: σ=17 days
Confirmed cases
Date: 2020-12-14
Peak at 319 days, in −29 days
Daily increase: 67 cases
$\sqrt{C_{ii}}$ = [126.39 0.38 0.41]
N_{max}=6627 cases
t_{max}=319 days
N_0=3005 cases
t_0=349 days
$\frac{FWHM}{2}$ = 21 days
N (cases)
t (days)

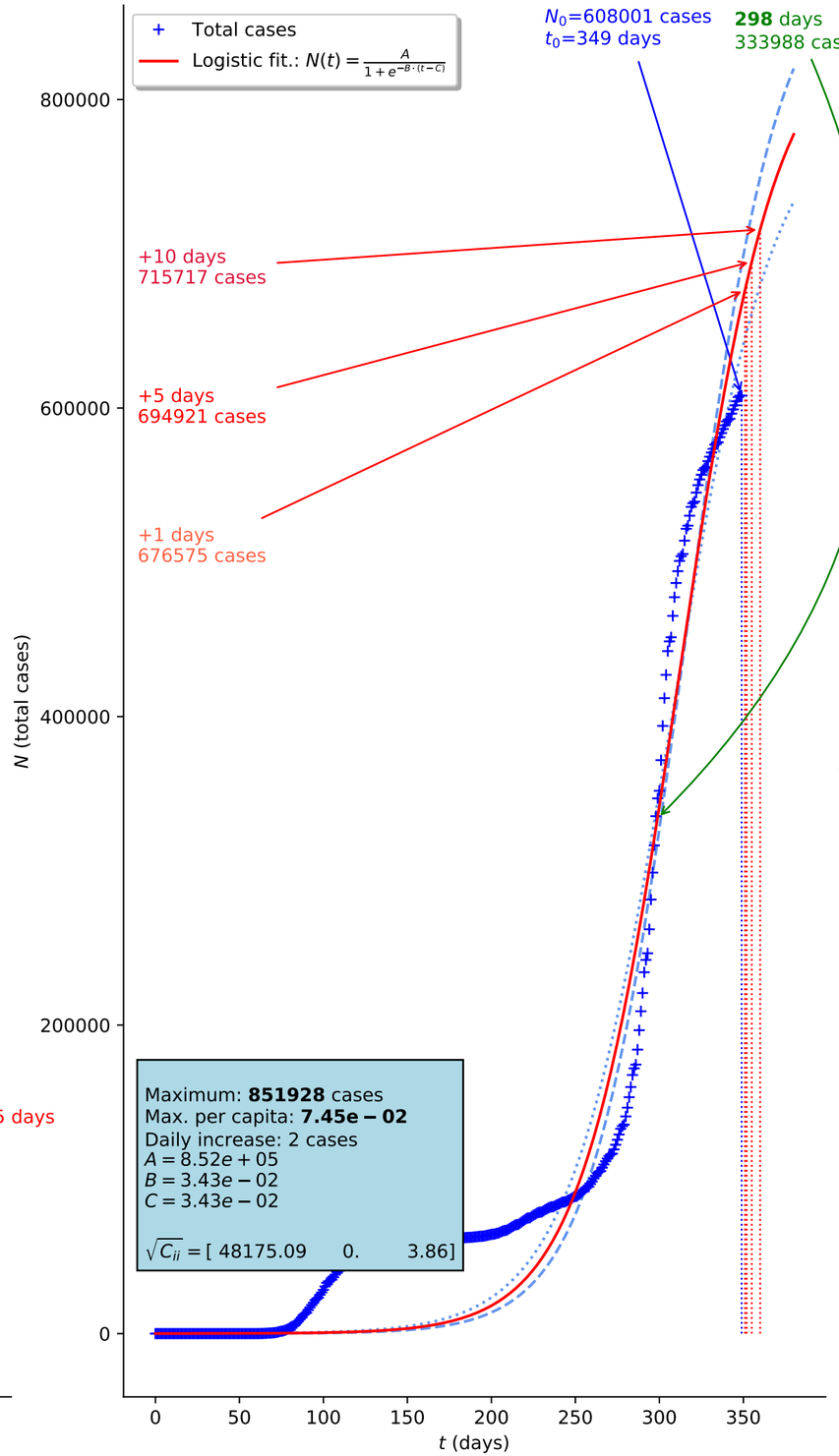

Austria - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=320036 cases
t_0=349 days
319 days
179018 cases
+10 days
431438 cases
+5 days
394495 cases
+1 days
365607 cases
Maximum: 944602 cases
Max. per capita: 1.07e − 01
Daily increase: 3005 cases
$A = 9.45e+05$
$B = 3.18e-02$
$C = 3.18e-02$
$\sqrt{C_{ii}}$ = [168895.03 0. 9.1]
N (total cases)
t (days)


Austria - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
3821 cases
N_0=4400 Total deaths
t_0=349 days
Maximum: 568338600 Total deaths
Max. per capita: 6.43e + 01
Daily increase: 45
$A_d = 5.68e+08$
$B_d = 1.46e-02$
$C_d = 1.46e-02$
$\sqrt{C_{ii}}$ = [2.38e+13 1.67e-03 2.87e+06]
N (total deaths)
t (days)

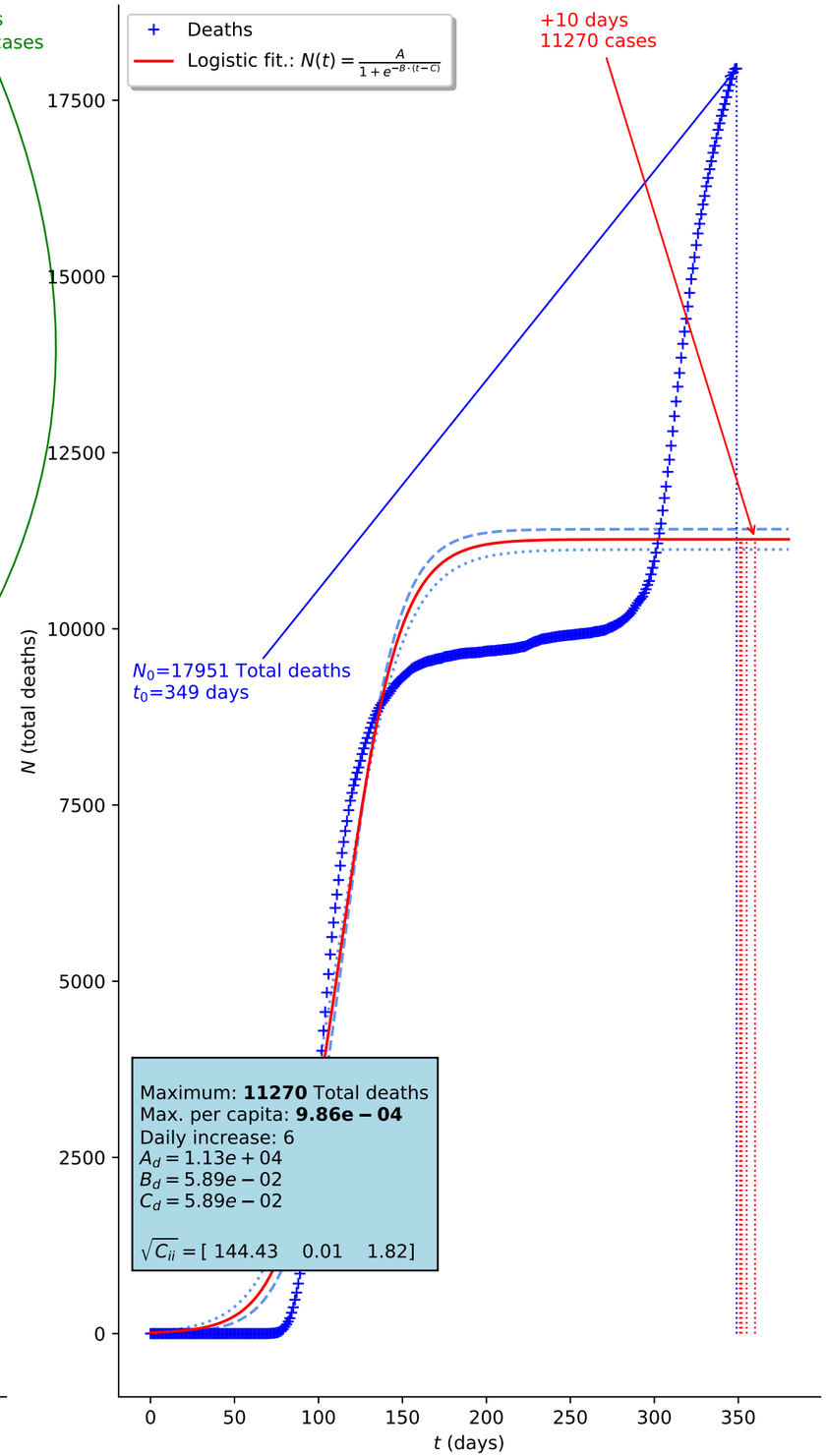
Belgium - Confirmed cases $N(t)$ - Population: 11 433 256 people

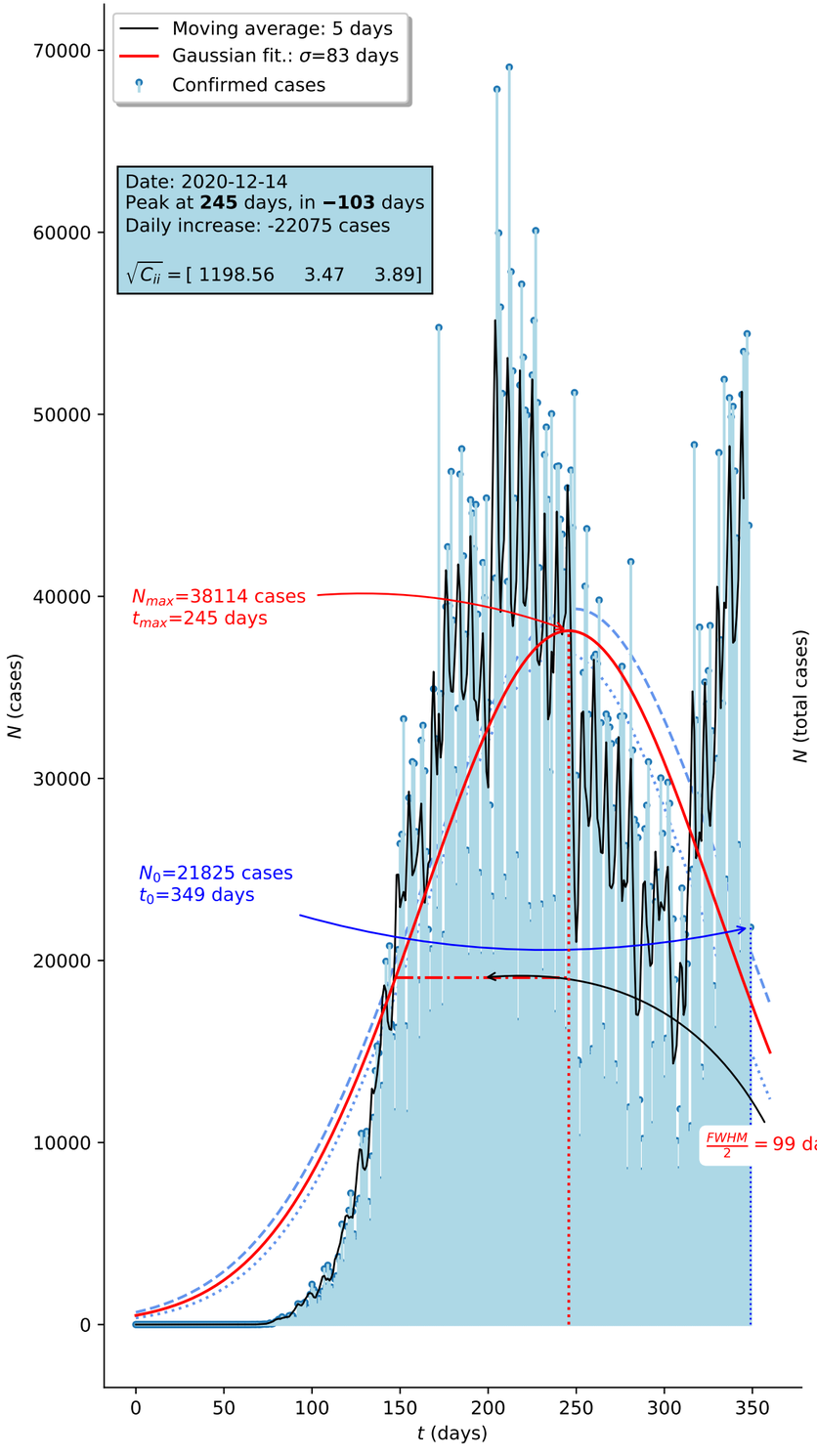


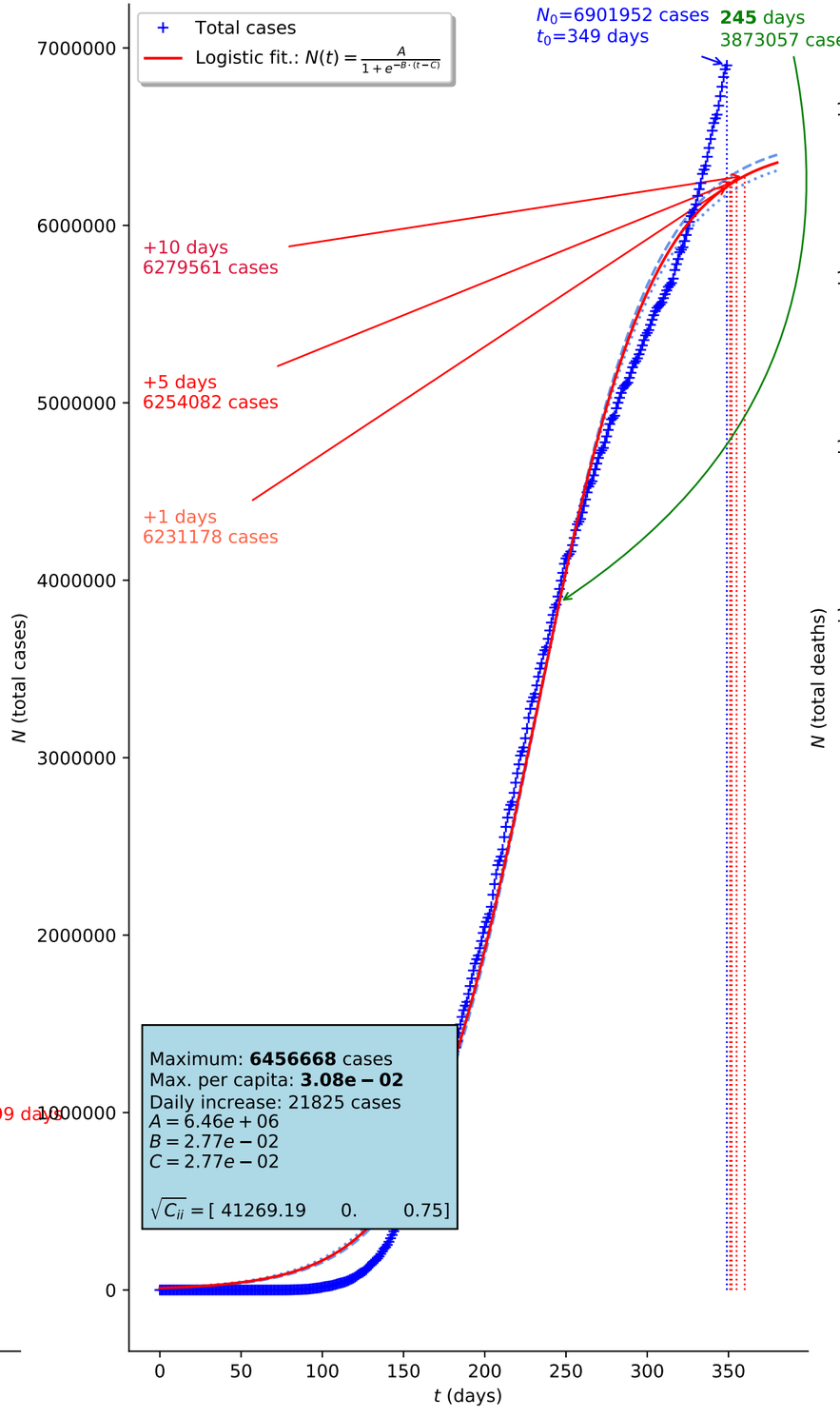
Belgium - Total confirmed cases $N(t)$

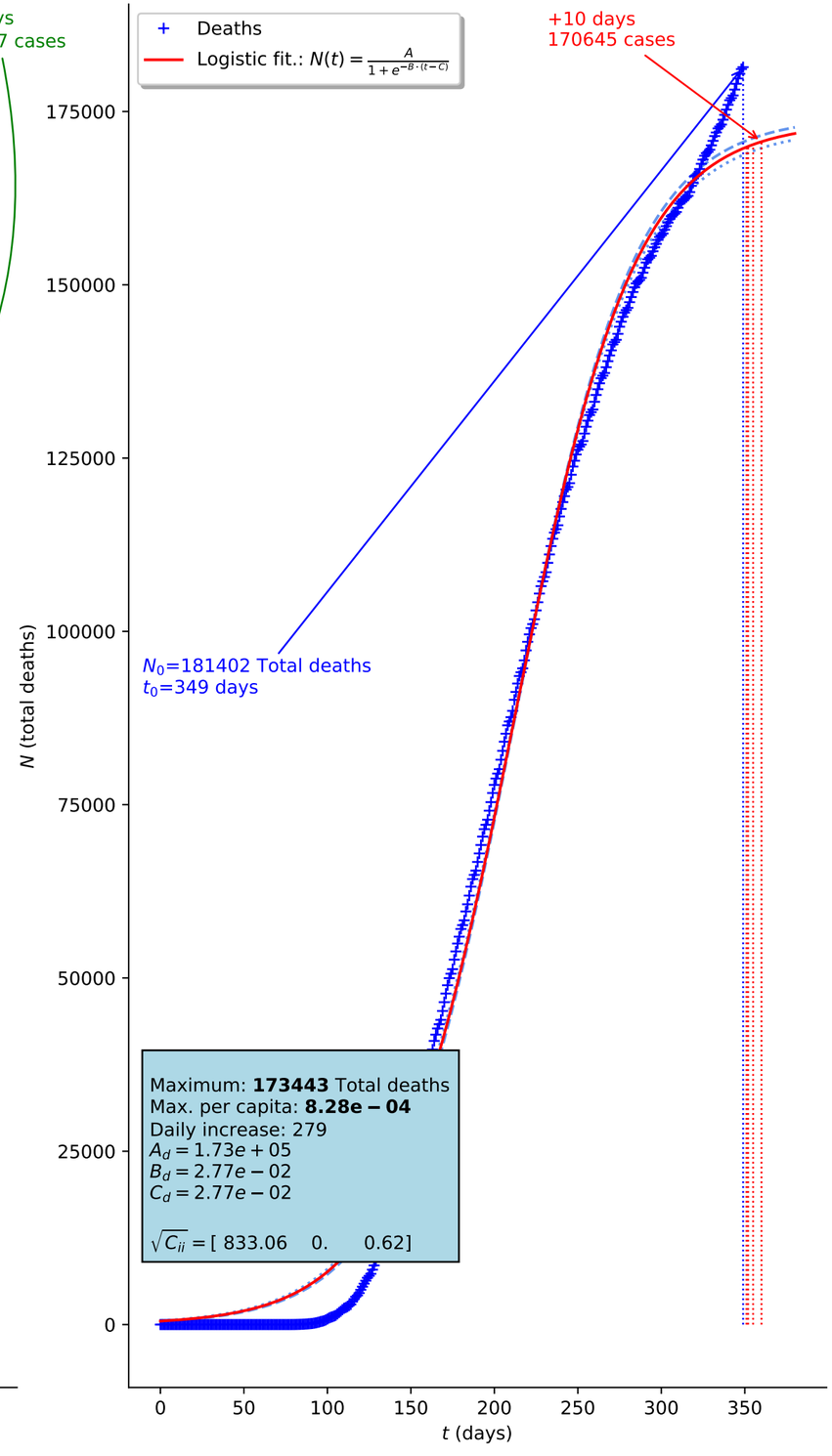


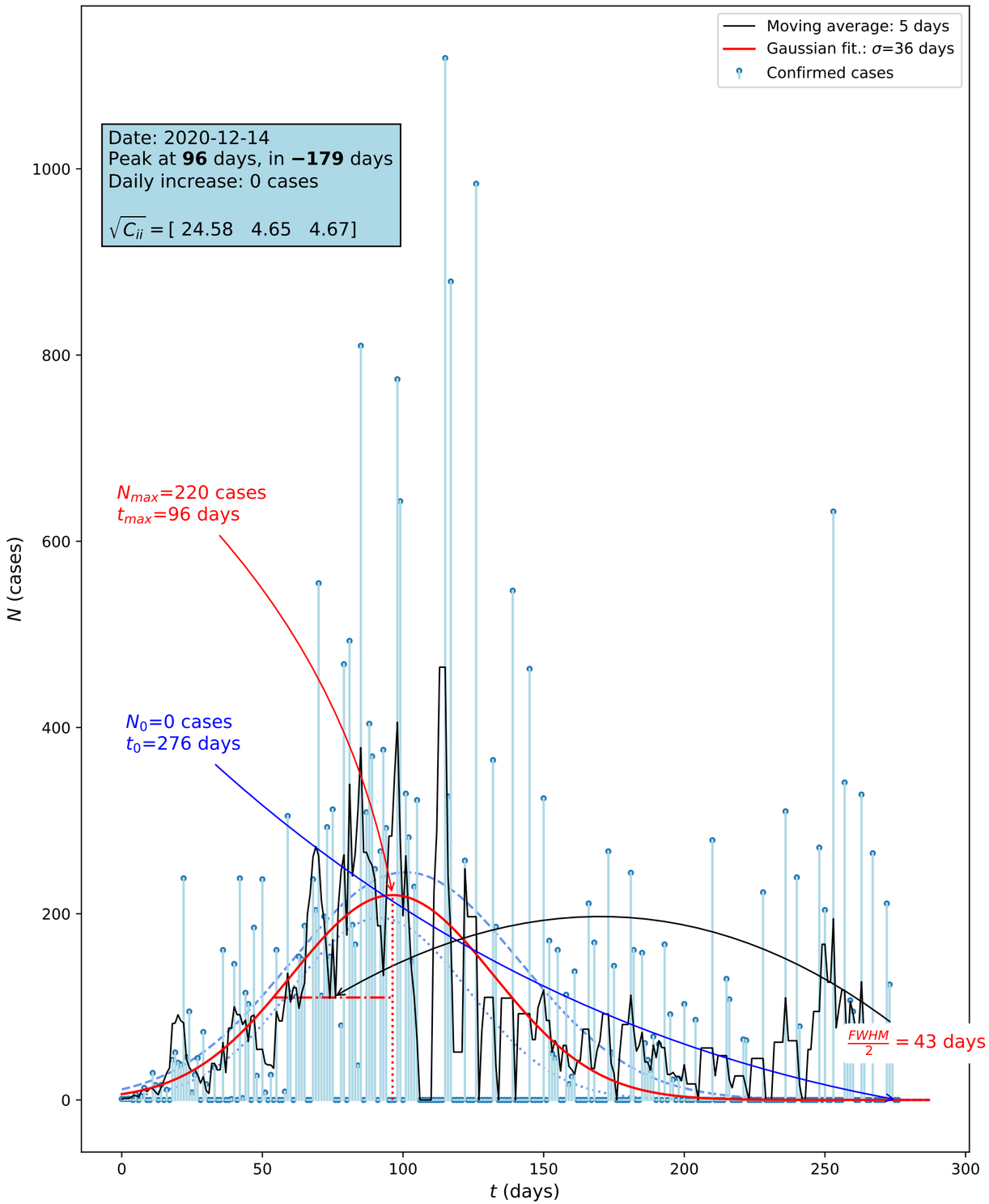
Belgium - Total deaths $N(t)$

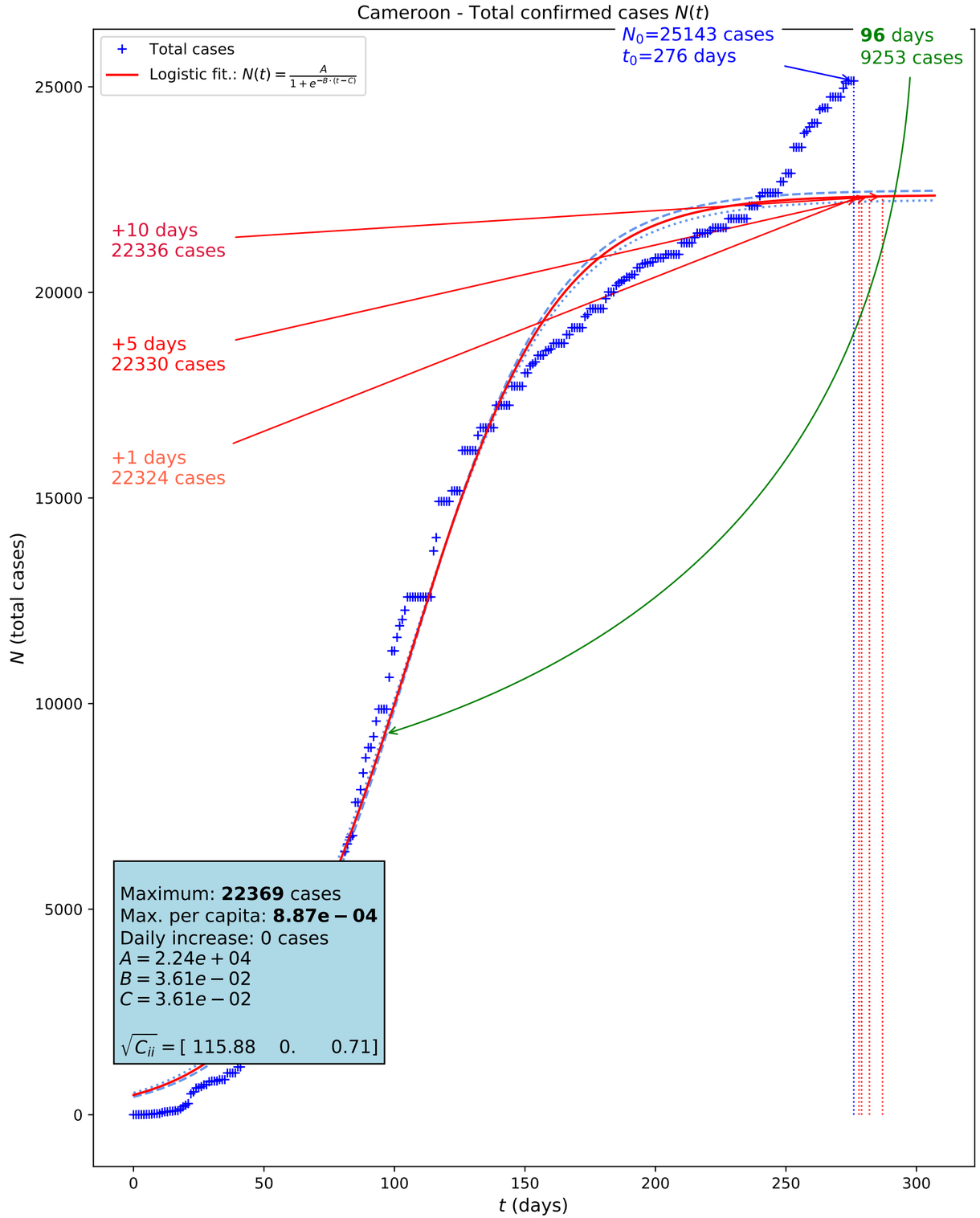



Brazil - Confirmed cases $N(t)$ - Population: 209 469 333 people
Moving average: 5 days
Gaussian fit.: σ=83 days
Confirmed cases
Date: 2020-12-14
Peak at **245** days, in **−103** days
Daily increase: -22075 cases
$\sqrt{C_{ii}}$ = [1198.56 3.47 3.89]
N_{max}=38114 cases
t_{max}=245 days
N_0=21825 cases
t_0=349 days
$\frac{FWHM}{2}$ = 99 days
N (cases)
t (days)

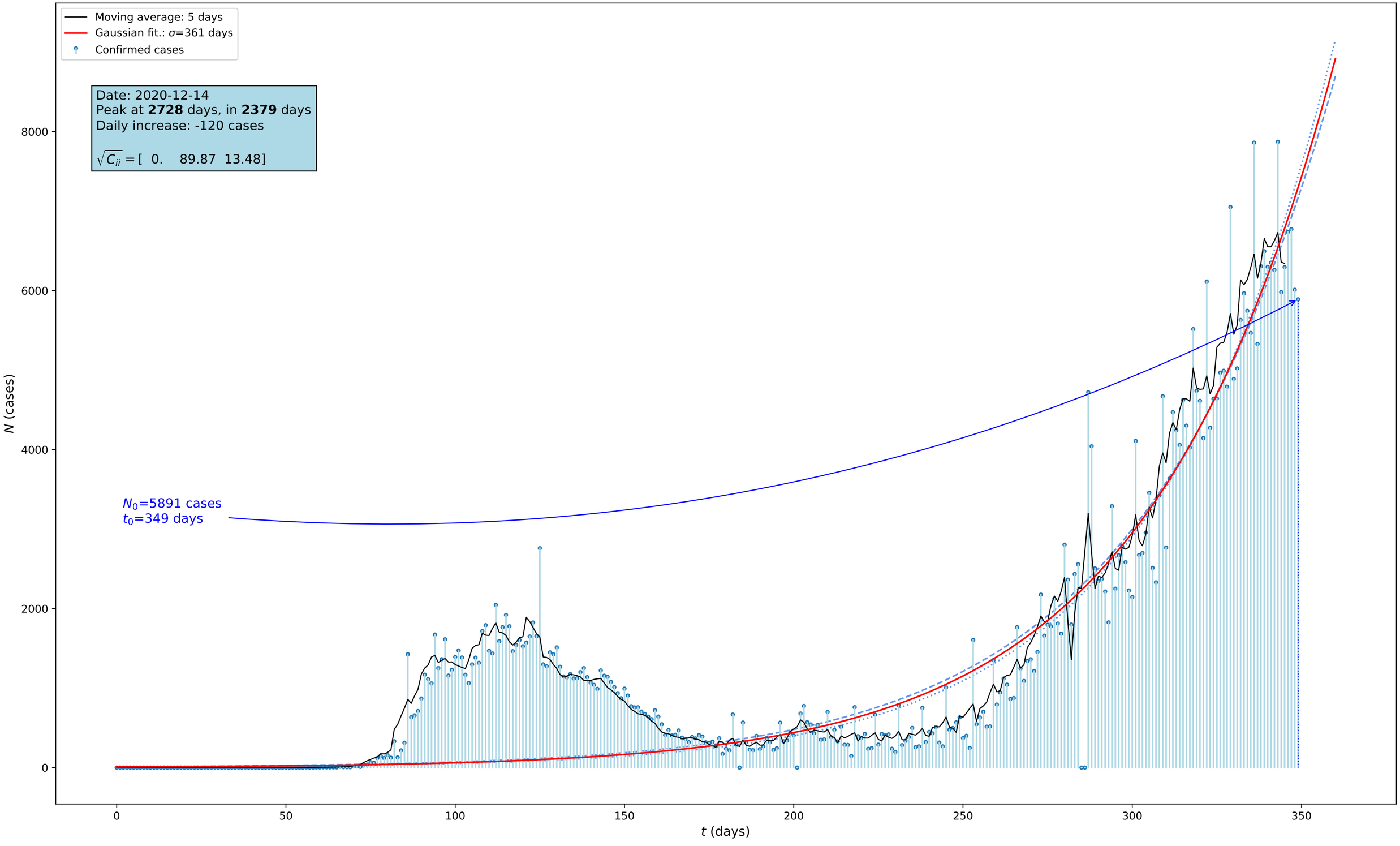

Brazil - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=6901952 cases
t_0=349 days
245 days
3873057 cases
+10 days
6279561 cases
+5 days
6254082 cases
+1 days
6231178 cases
Maximum: **6456668** cases
Max. per capita: **3.08e − 02**
Daily increase: 21825 cases
$A = 6.46e+06$
$B = 2.77e-02$
$C = 2.77e-02$
$\sqrt{C_{ii}}$ = [41269.19 0. 0.75]
N (total cases)
t (days)


Brazil - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
170645 cases
N_0=181402 Total deaths
t_0=349 days
Maximum: **173443** Total deaths
Max. per capita: **8.28e − 04**
Daily increase: 279
$A_d = 1.73e+05$
$B_d = 2.77e-02$
$C_d = 2.77e-02$
$\sqrt{C_{ii}}$ = [833.06 0. 0.62]
N (total deaths)
t (days)


Cameroon - Confirmed cases $N(t)$ - Population: 25 216 237 people
Moving average: 5 days
Gaussian fit.: σ=36 days
Confirmed cases
Date: 2020-12-14
Peak at **96** days, in **−179** days
Daily increase: 0 cases
$\sqrt{C_{ii}}$ = [24.58 4.65 4.67]
N_{max}=220 cases
t_{max}=96 days
N_0=0 cases
t_0=276 days
$\frac{FWHM}{2}$ = 43 days
N (cases)
t (days)


Cameroon - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=25143 cases
t_0=276 days
96 days
9253 cases
+10 days
22336 cases
+5 days
22330 cases
+1 days
22324 cases
Maximum: **22369** cases
Max. per capita: **8.87e − 04**
Daily increase: 0 cases
$A = 2.24e + 04$
$B = 3.61e - 02$
$C = 3.61e - 02$
$\sqrt{C_{ii}}$ = [115.88 0. 0.71]
N (total cases)
t (days)

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



Chile - Confirmed cases $N(t)$ - Population: 18 729 160 people

Moving average: 5 days
Gaussian fit.: σ=25 days
Confirmed cases

Date: 2020-12-14
Peak at **103** days, in **−180** days
Daily increase: 331 cases

$\sqrt{C_{ii}}$ = [396.1 1.92 1.92]

N_{max}=5969 cases
t_{max}=103 days

N_0=2138 cases
t_0=284 days

$\frac{FWHM}{2}$ = 30 days

N (cases)
t (days)

Chile - Total confirmed cases $N(t)$

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

N_0=571919 cases
t_0=284 days

103 days
169676 cases

+10 days
515621 cases

+5 days
515290 cases

+1 days
514983 cases

Maximum: **517467** cases
Max. per capita: **2.76e − 02**
Daily increase: 2138 cases
$A = 5.17e+05$
$B = 3.32e-02$
$C = 3.32e-02$

$\sqrt{C_{ii}}$ = [3804.03 0. 0.98]

N (total cases)
t (days)

Chile - Total deaths $N(t)$

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

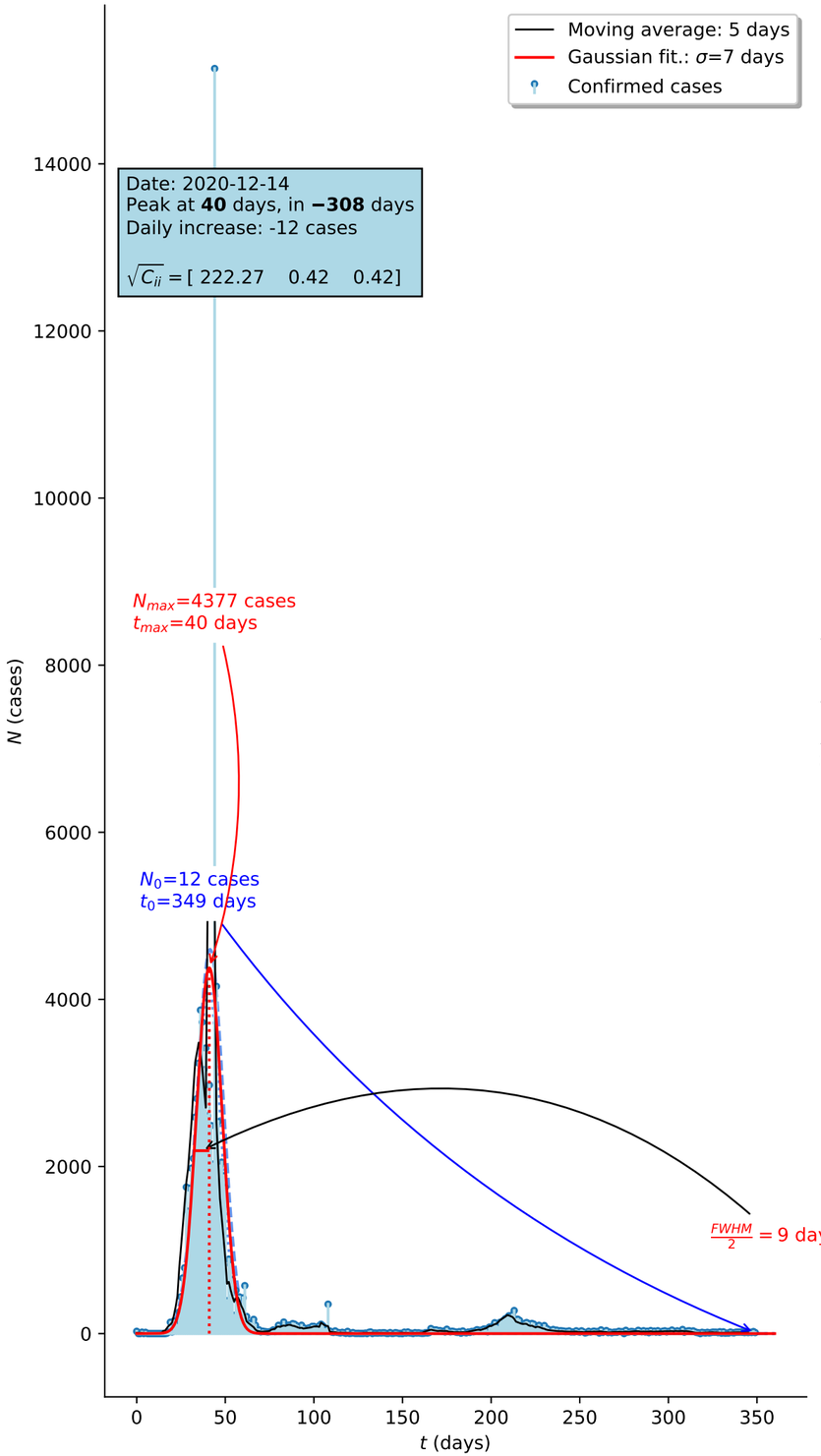
+10 days
14481 cases

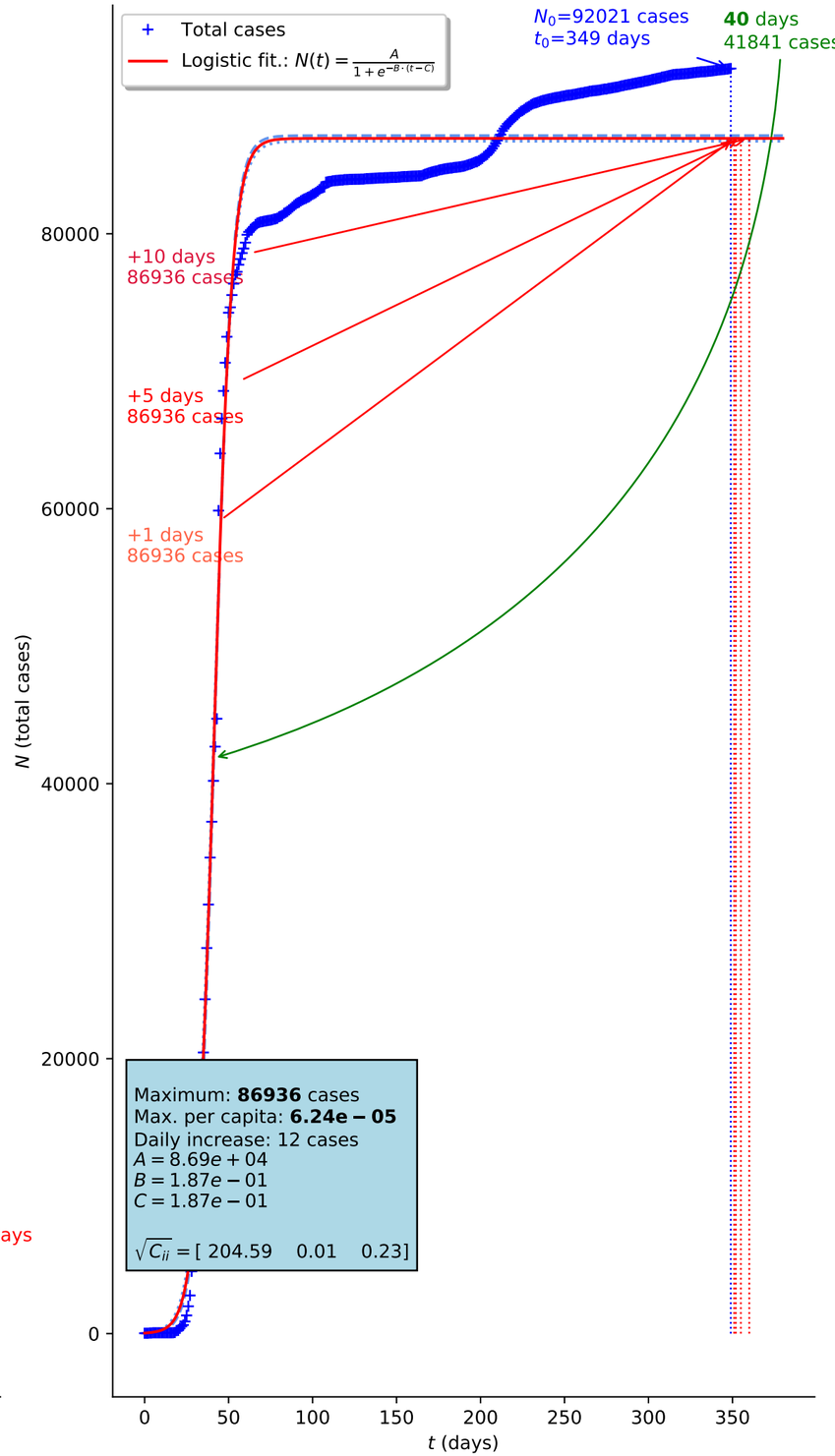
N_0=15886 Total deaths
t_0=284 days

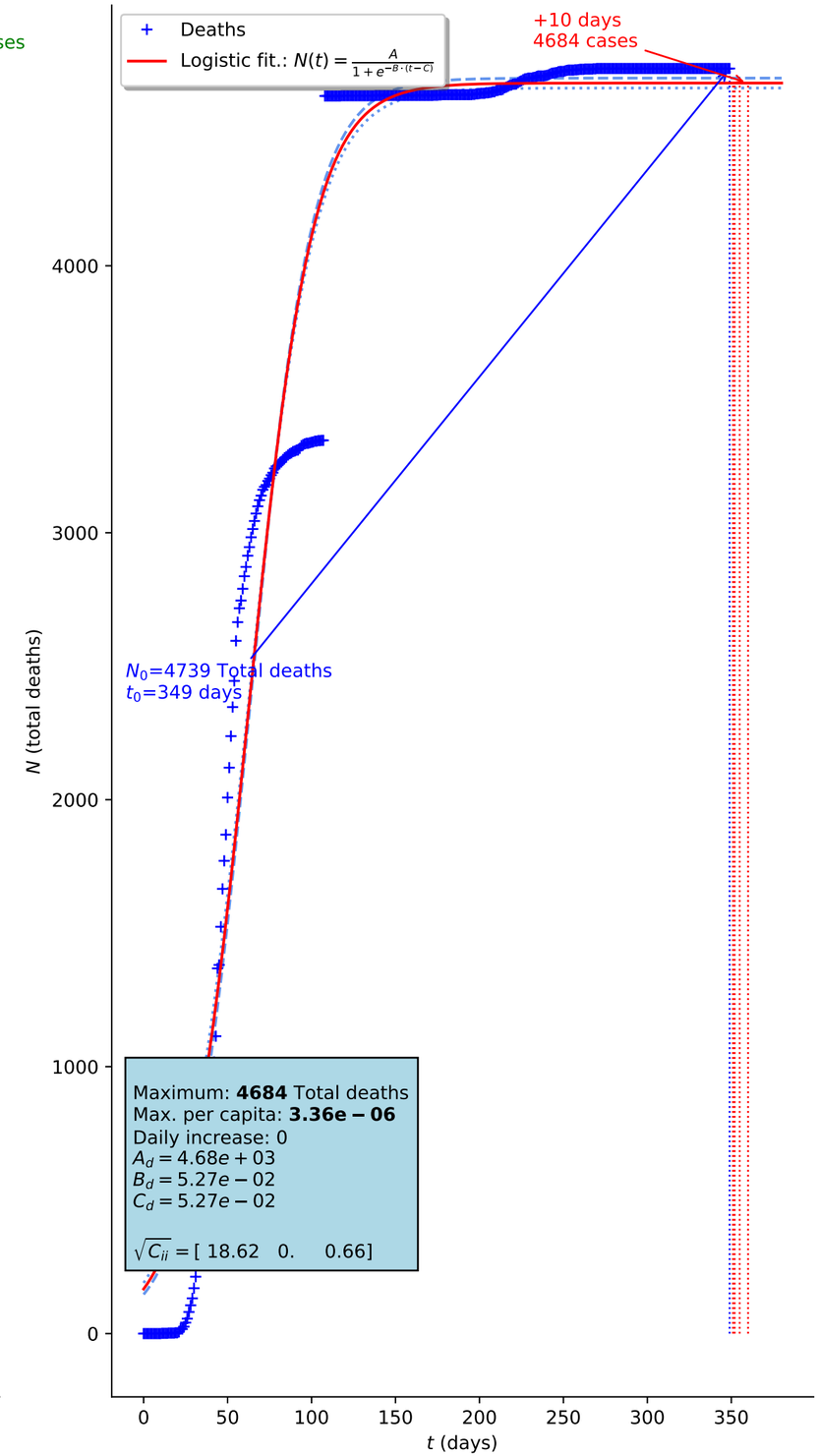
Maximum: **14530** Total deaths
Max. per capita: **7.76e − 04**
Daily increase: 40
$A_d = 1.45e+04$
$B_d = 3.60e-02$
$C_d = 3.60e-02$

$\sqrt{C_{ii}}$ = [94.63 0. 0.81]

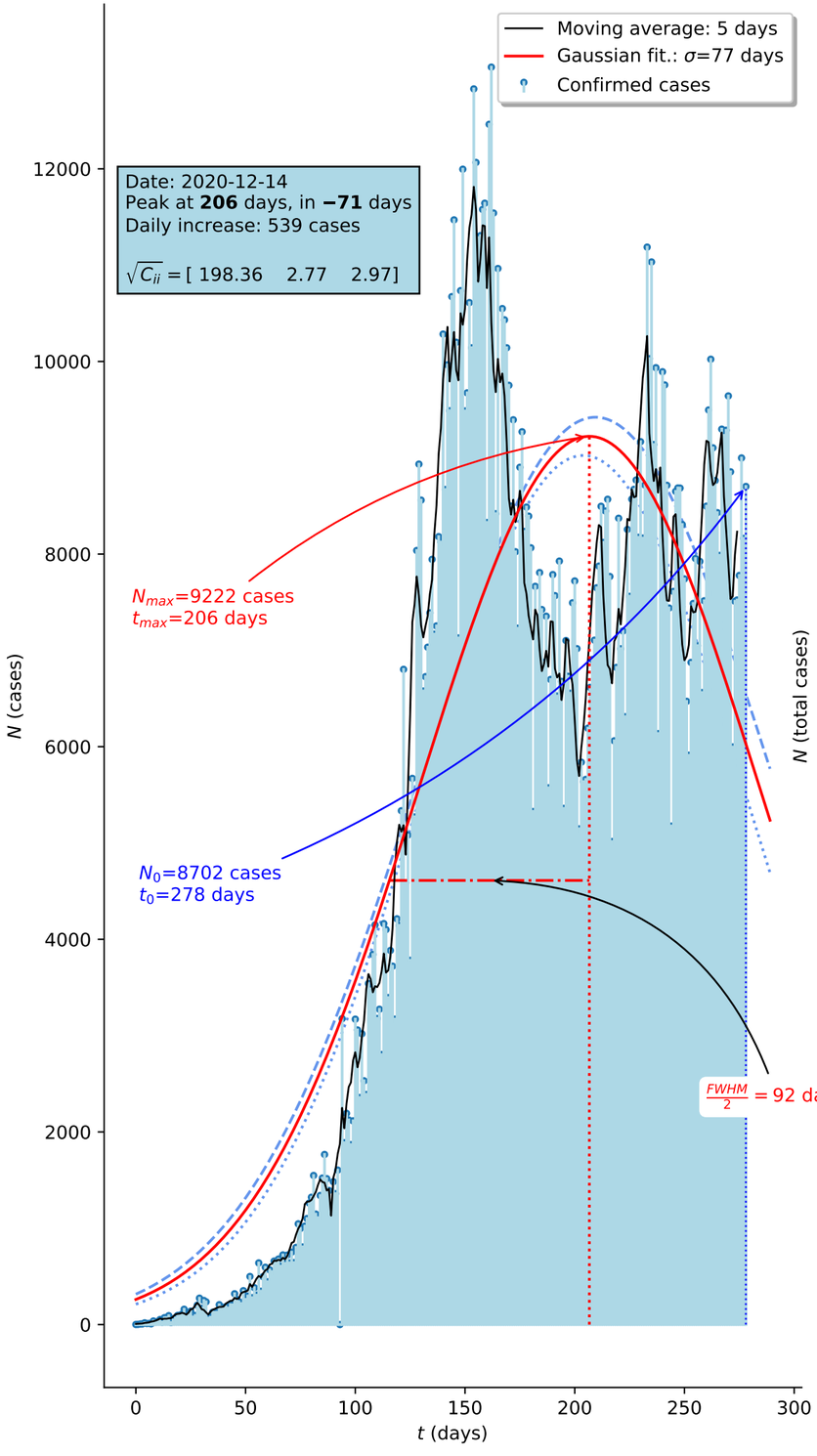
N (total deaths)
t (days)


China - Confirmed cases $N(t)$ - Population: 1 392 730 000 people
Moving average: 5 days
Gaussian fit.: σ=7 days
Confirmed cases
Date: 2020-12-14
Peak at 40 days, in −308 days
Daily increase: -12 cases
$\sqrt{C_{ii}}$ = [222.27 0.42 0.42]
N_{max}=4377 cases
t_{max}=40 days
N_0=12 cases
t_0=349 days
$\frac{FWHM}{2}$ = 9 days
N (cases)
t (days)

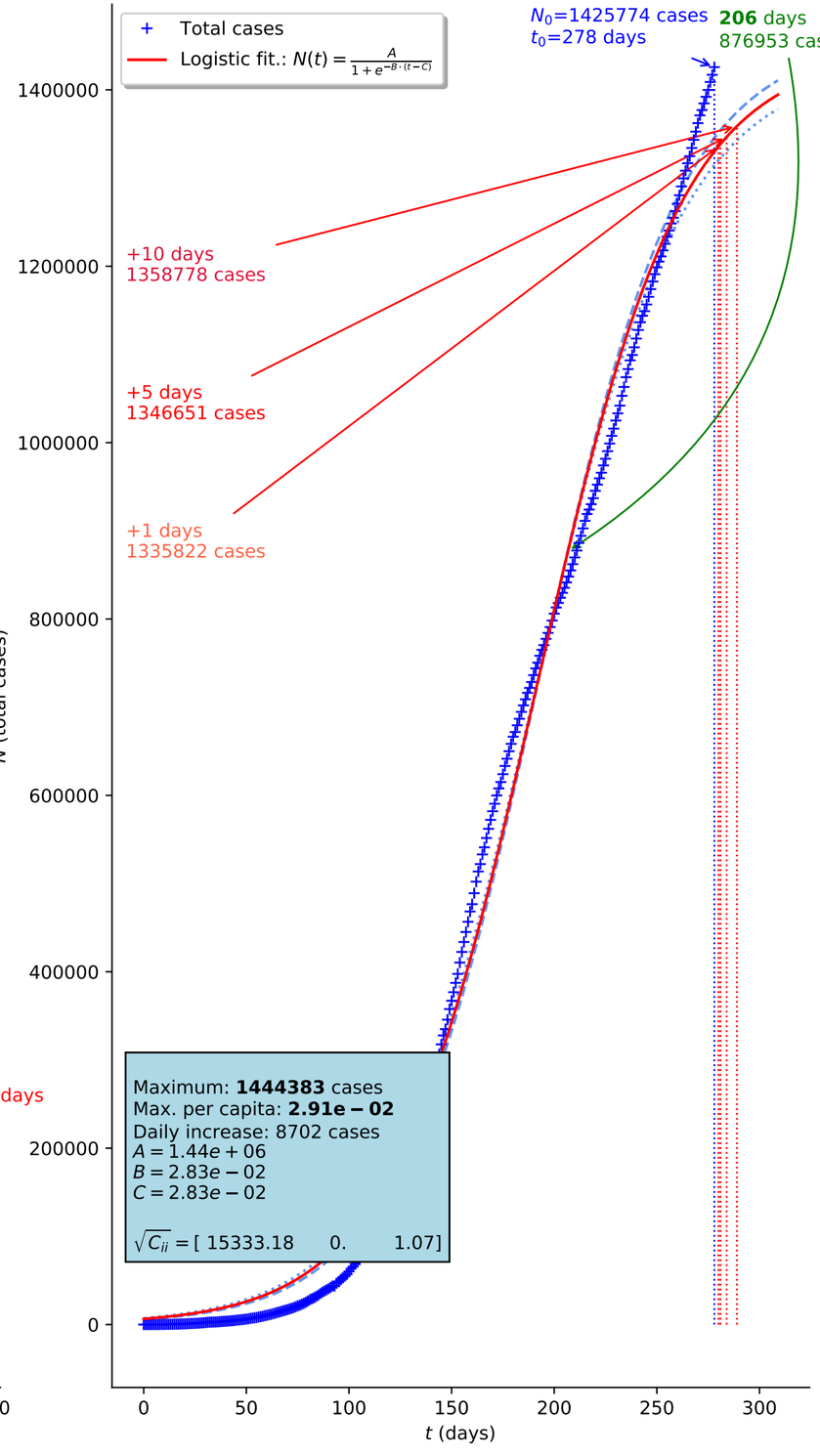

China - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=92021 cases
t_0=349 days
40 days
41841 cases
+10 days
86936 cases
+5 days
86936 cases
+1 days
86936 cases
Maximum: 86936 cases
Max. per capita: 6.24e − 05
Daily increase: 12 cases
$A = 8.69e+04$
$B = 1.87e-01$
$C = 1.87e-01$
$\sqrt{C_{ii}}$ = [204.59 0.01 0.23]
N (total cases)
t (days)


China - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
4684 cases
N_0=4739 Total deaths
t_0=349 days
Maximum: 4684 Total deaths
Max. per capita: 3.36e − 06
Daily increase: 0
$A_d = 4.68e+03$
$B_d = 5.27e-02$
$C_d = 5.27e-02$
$\sqrt{C_{ii}}$ = [18.62 0. 0.66]
N (total deaths)
t (days)

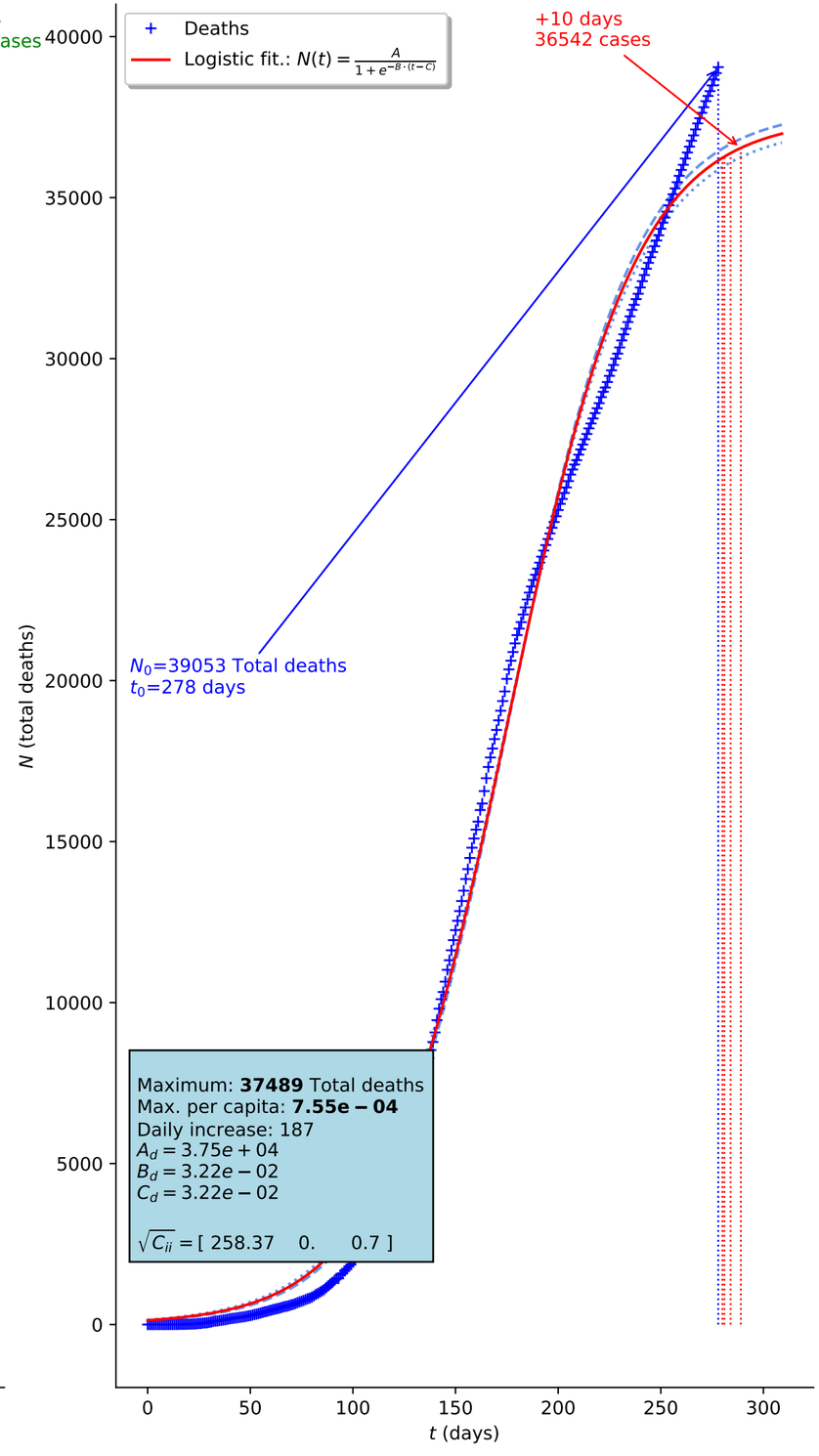
Colombia - Confirmed cases $N(t)$ - Population: 49 648 685 people



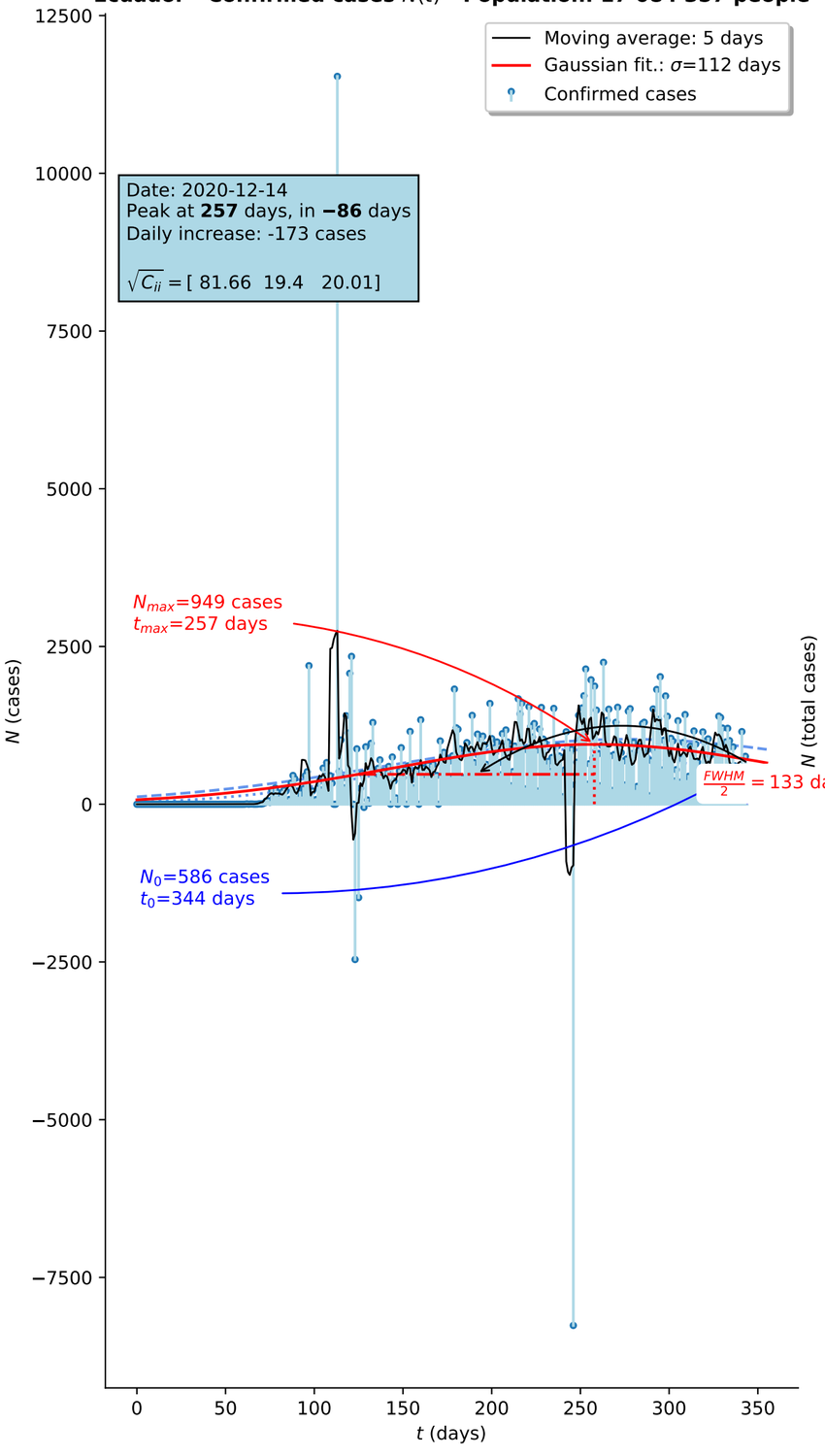
Colombia - Total confirmed cases $N(t)$



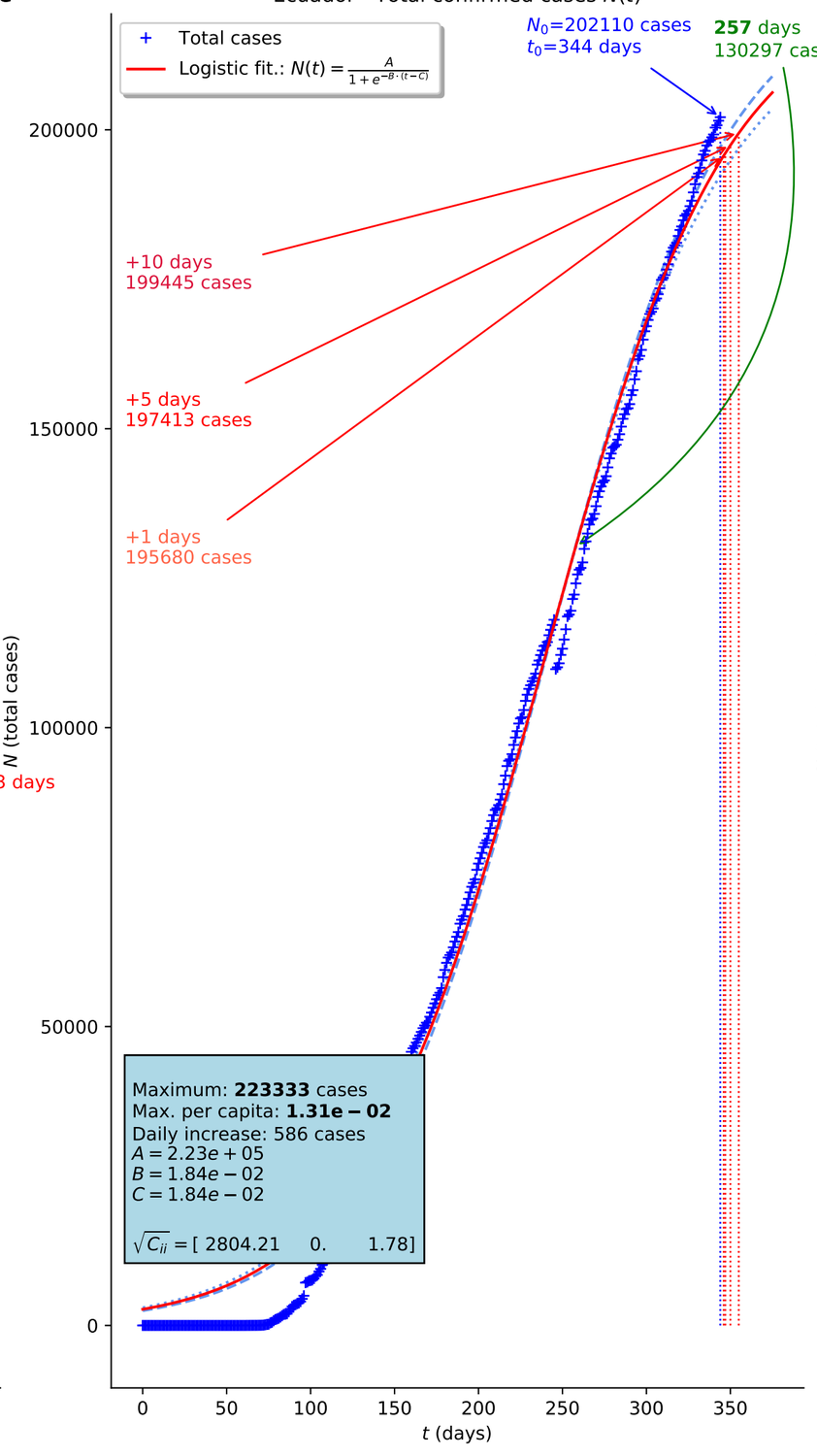
Colombia - Total deaths $N(t)$



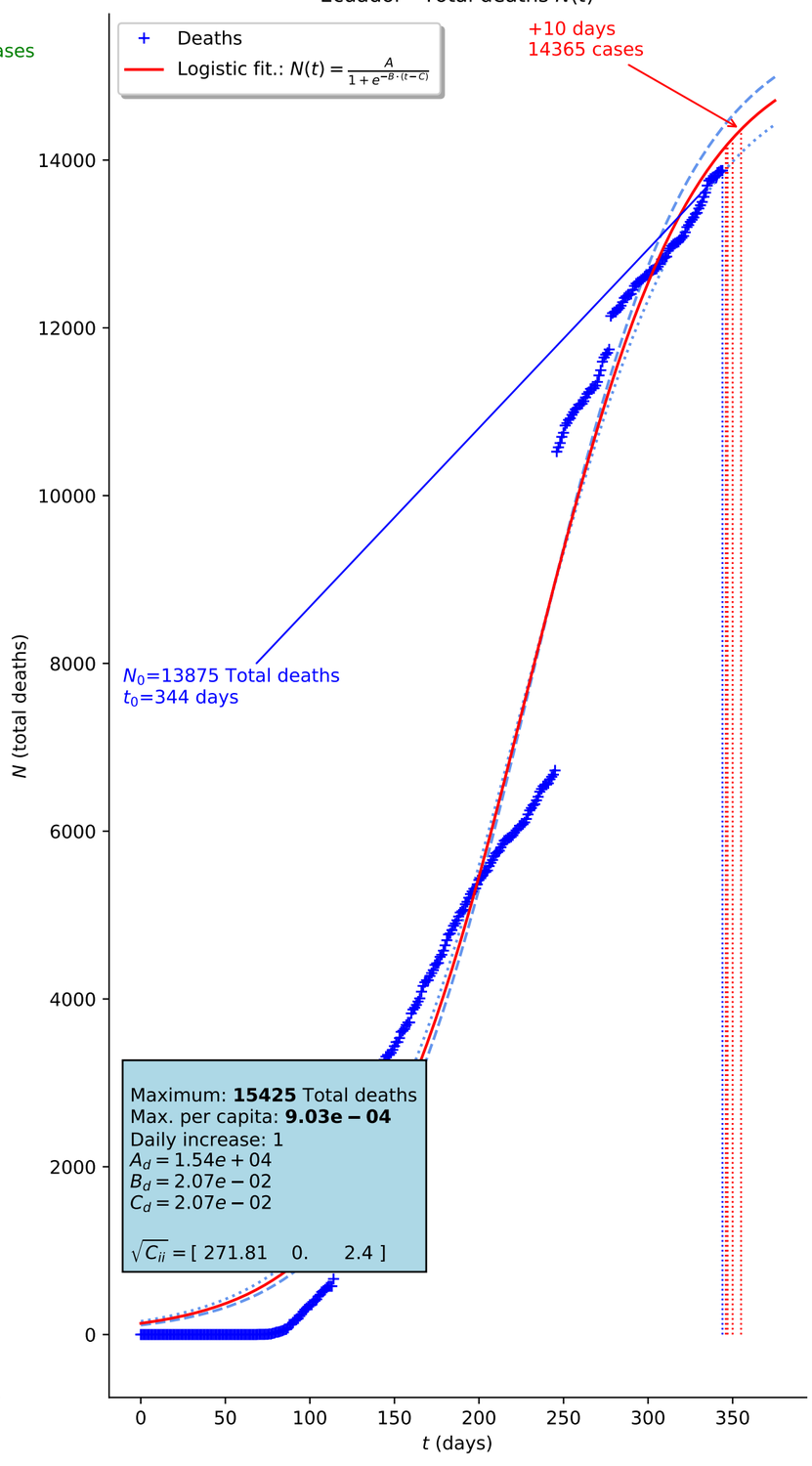
Ecuador - Confirmed cases $N(t)$ - Population: 17 084 357 people



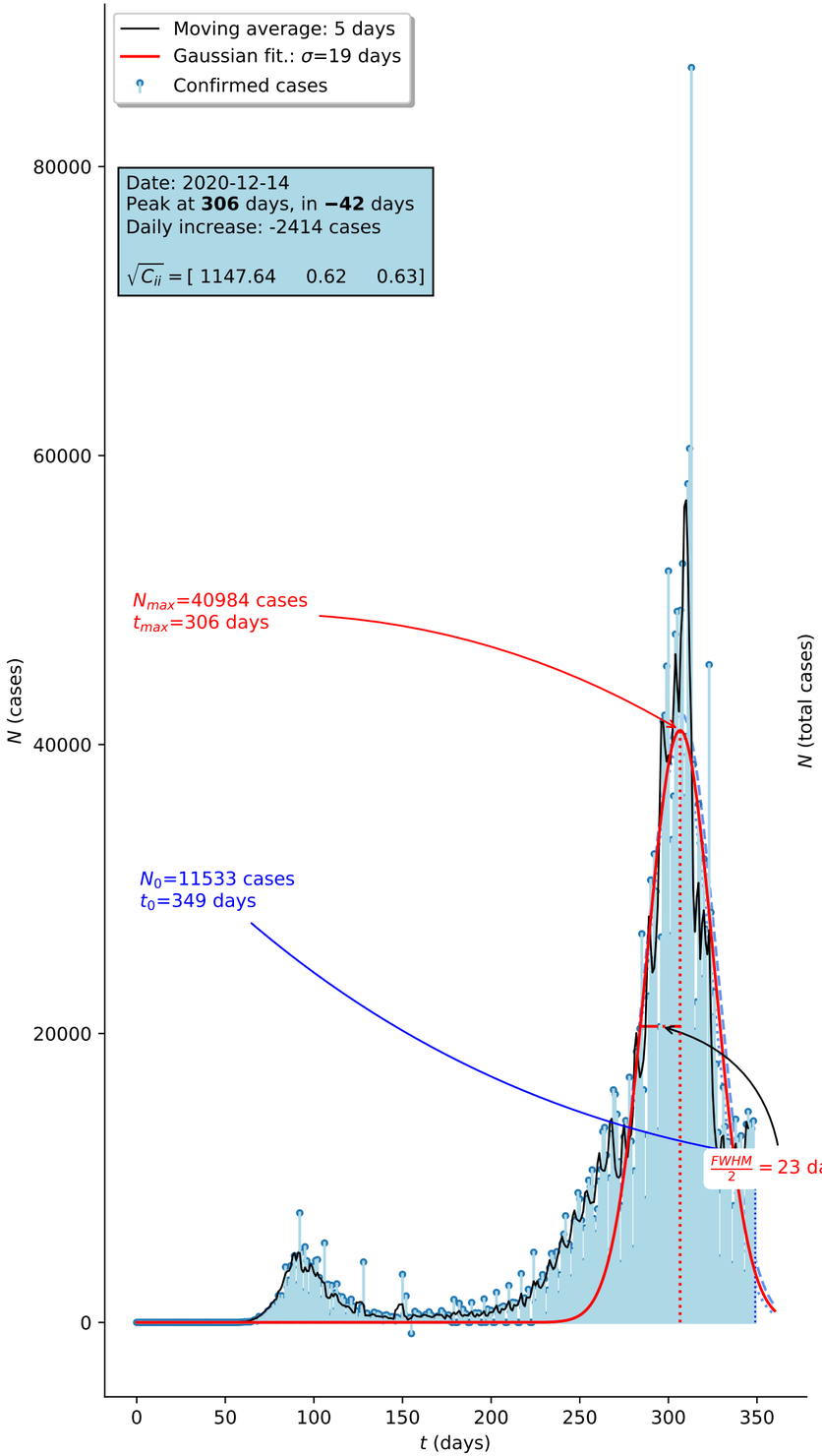
Ecuador - Total confirmed cases $N(t)$



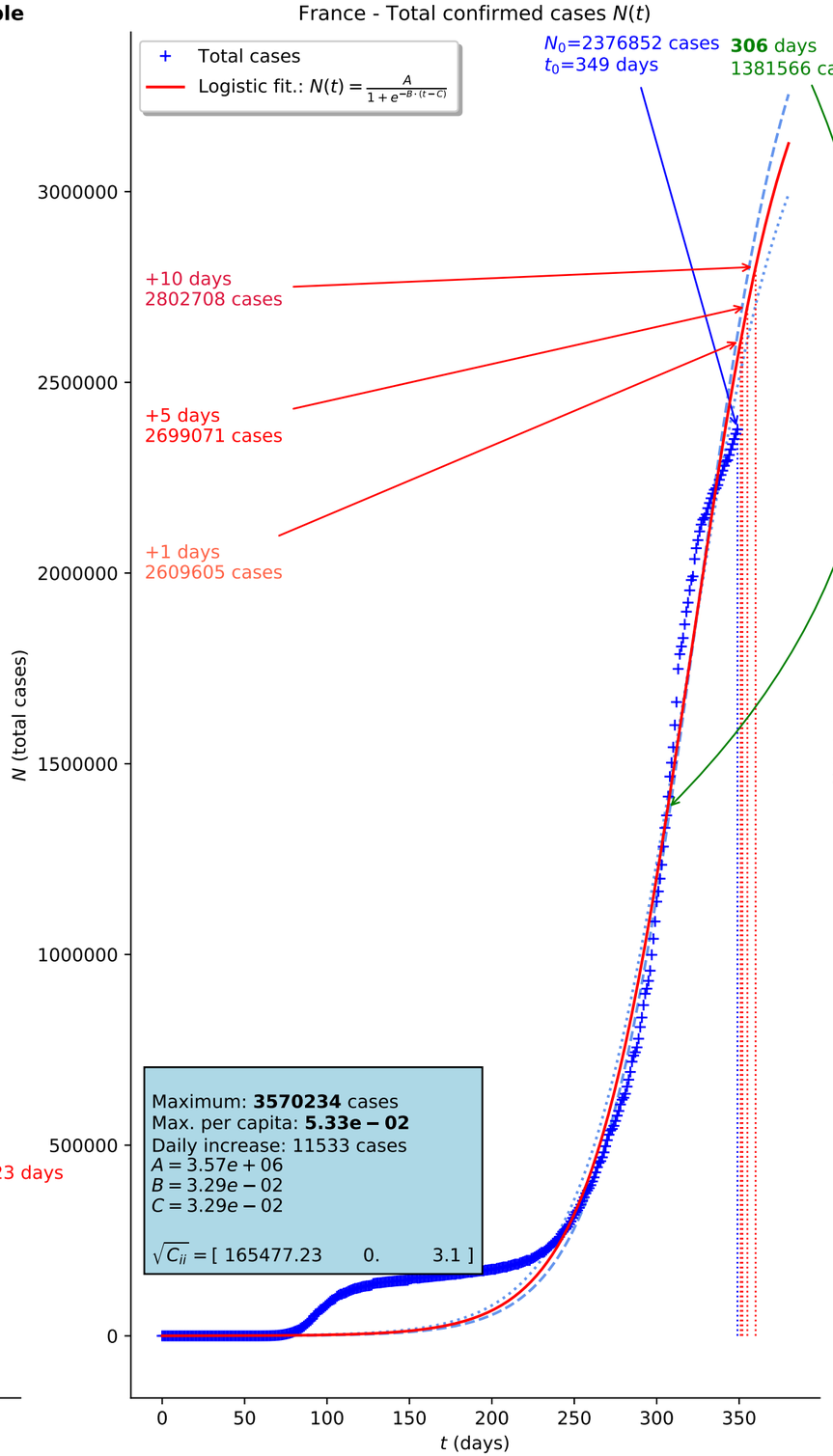
Ecuador - Total deaths $N(t)$



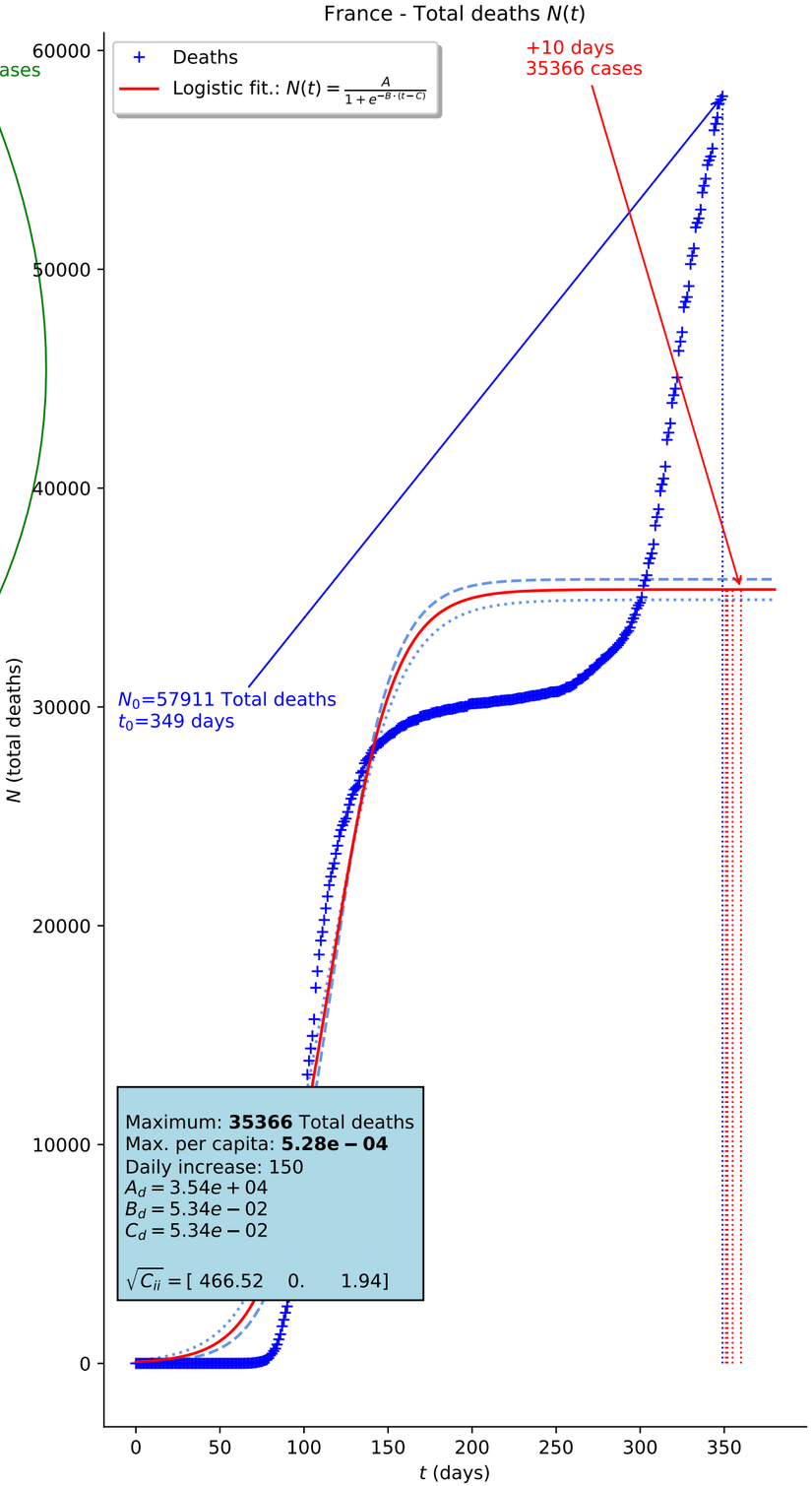
France - Confirmed cases $N(t)$ - Population: 66 977 107 people



France - Total confirmed cases $N(t)$



France - Total deaths $N(t)$



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

Moving average: 5 days
Gaussian fit.: σ=31 days
Confirmed cases

Date: 2020-12-14
Peak at **334** days, in **−14** days
Daily increase: -3838 cases

$\sqrt{C_{ii}}$ = [429.77 1.87 1.6]

N_{max}=20424 cases
t_{max}=334 days

N_0=16362 cases
t_0=349 days

$\frac{1}{2}$ $FWHM$ = 37 days

N (cases)
t (days)

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

Moving average: 5 days
Gaussian fit.: σ=49 days
Confirmed cases

Date: 2020-12-14
Peak at **261** days, in **−86** days
Daily increase: -3183 cases

$\sqrt{C_{ii}}$ = [742.38 0.53 0.57]

N_{max}=81655 cases
t_{max}=261 days

N_0=27071 cases
t_0=348 days

$\frac{FWHM}{2}$ = 59 days

N (cases)
t (days)

India - Total confirmed cases $N(t)$

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

N_0=9884100 cases
t_0=348 days

261 days
5147523 cases

+10 days
9766222 cases

+5 days
9708219 cases

+1 days
9654676 cases

Maximum: **10086728** cases
Max. per capita: **7.46e − 03**
Daily increase: 27071 cases
$A = 1.01e+07$
$B = 3.45e-02$
$C = 3.45e-02$

$\sqrt{C_{ii}}$ = [20187.53 0. 0.18]

N (total cases)
t (days)

India - Total deaths $N(t)$

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

+10 days
142530 cases

N_0=143355 Total deaths
t_0=348 days

Maximum: **148190** Total deaths
Max. per capita: **1.10e − 04**
Daily increase: 336
$A_d = 1.48e+05$
$B_d = 3.00e-02$
$C_d = 3.00e-02$

$\sqrt{C_{ii}}$ = [332.3 0. 0.23]

N (total deaths)
t (days)

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

Moving average: 5 days
Gaussian fit.: σ=1699 days
Confirmed cases

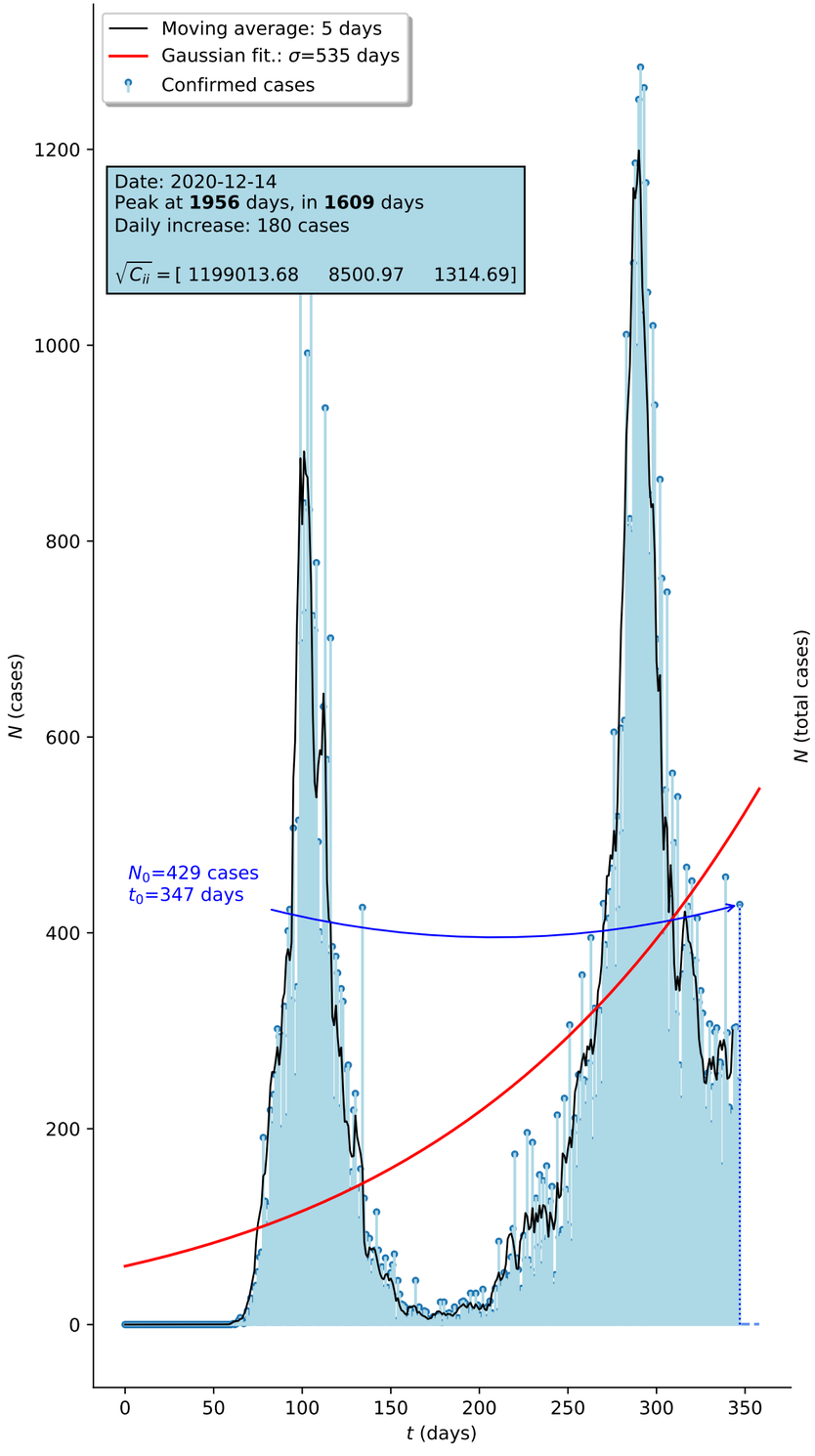
Date: 2020-12-14
Peak at **37847** days, in **37498** days
Daily increase: -750 cases

$\sqrt{C_{ii}}$ = [7.80e+113 1.88e+006 4.26e+004]

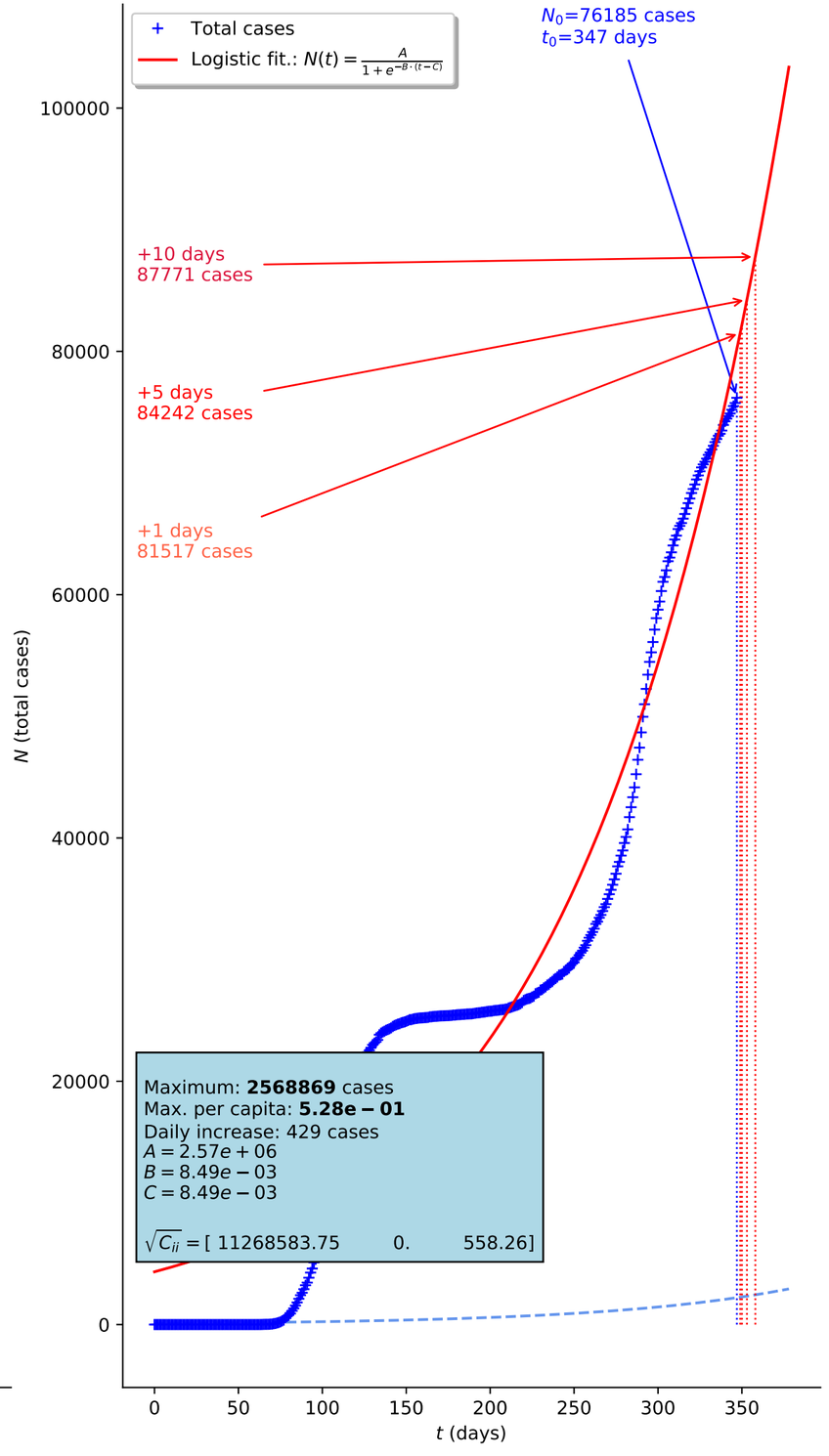
N_0=7451 cases
t_0=349 days

N (cases)
t (days)

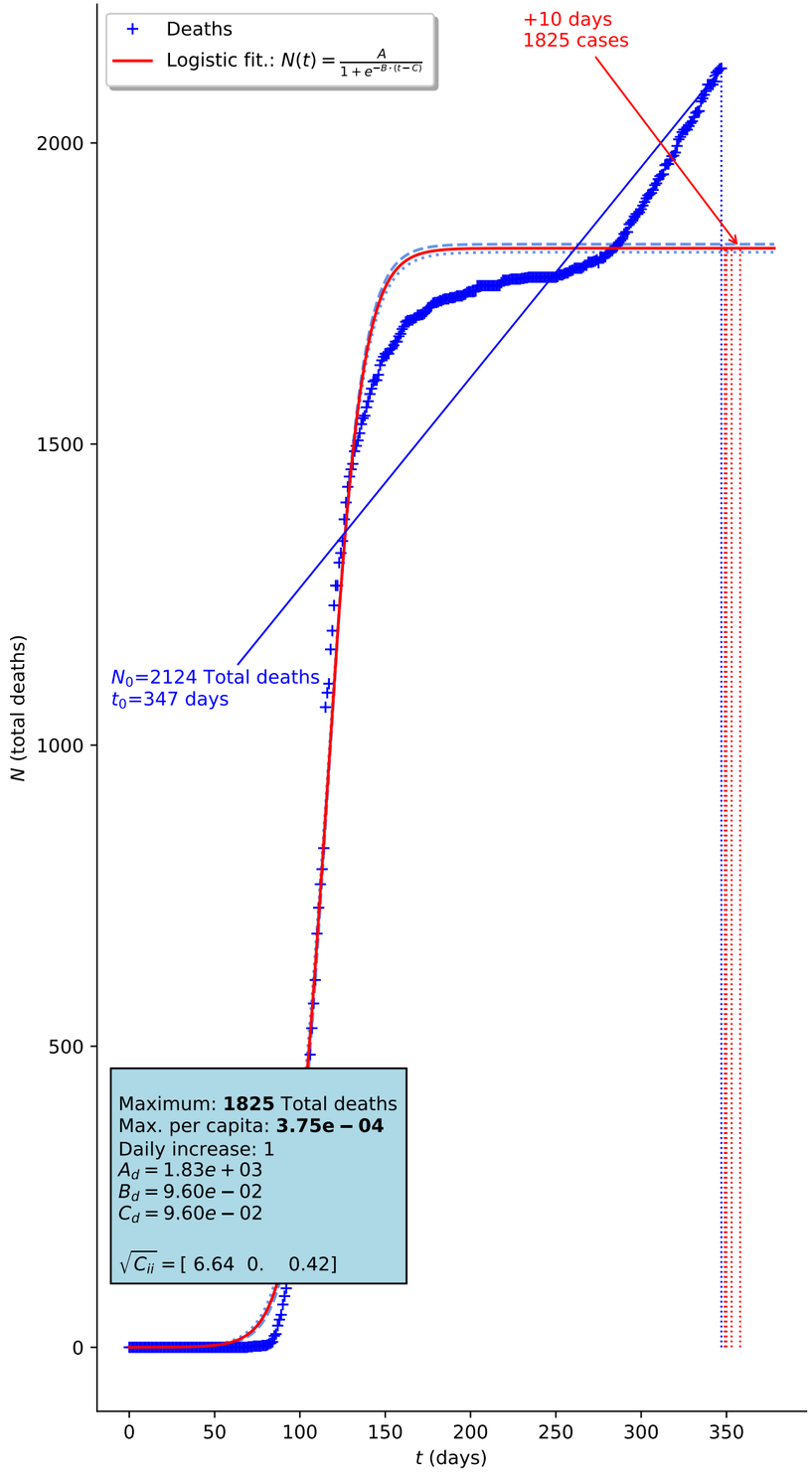
Ireland - Confirmed cases $N(t)$ - Population: 4 867 309 people



Ireland - Total confirmed cases $N(t)$



Ireland - Total deaths $N(t)$



Israel - Confirmed cases $N(t)$ - Population: 8 882 800 people

Moving average: 5 days
Gaussian fit.: σ=17 days
Confirmed cases

Date: 2020-12-14
Peak at **264** days, in **−81** days
Daily increase: -902 cases

$\sqrt{C_{ii}}$ = [241.95 0.95 0.95]

N_{max}=5248 cases
t_{max}=264 days

N_0=1844 cases
t_0=346 days

$\frac{FWHM}{2}$ = 22 days

N (cases)
t (days)

Israel - Total confirmed cases $N(t)$

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

N_0=357859 cases
t_0=346 days

264 days
211182 cases

+10 days
359571 cases

+5 days
357691 cases

+1 days
355942 cases

Maximum: **369486** cases
Max. per capita: **4.16e − 02**
Daily increase: 1844 cases
$A = 3.69e+05$
$B = 3.58e-02$
$C = 3.58e-02$

$\sqrt{C_{ii}}$ = [3101.68 0. 0.76]

N (total cases)
t (days)

Israel - Total deaths $N(t)$

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

+10 days
3282 cases

N_0=2999 Total deaths
t_0=346 days

Maximum: **3819** Total deaths
Max. per capita: **4.30e − 04**
Daily increase: 16
$A_d = 3.82e+03$
$B_d = 2.46e-02$
$C_d = 2.46e-02$

$\sqrt{C_{ii}}$ = [77.47 0. 2.02]

N (total deaths)
t (days)

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

Date: 2020-12-14
Peak at **319** days, in **−29** days
Daily increase: -1965 cases

$\sqrt{C_{ii}}$ = [508.15 0.33 0.36]

N_{max}=34697 cases
t_{max}=319 days

N_0=17937 cases
t_0=349 days

$\frac{1}{2}$ $FWHM$ = 23 days

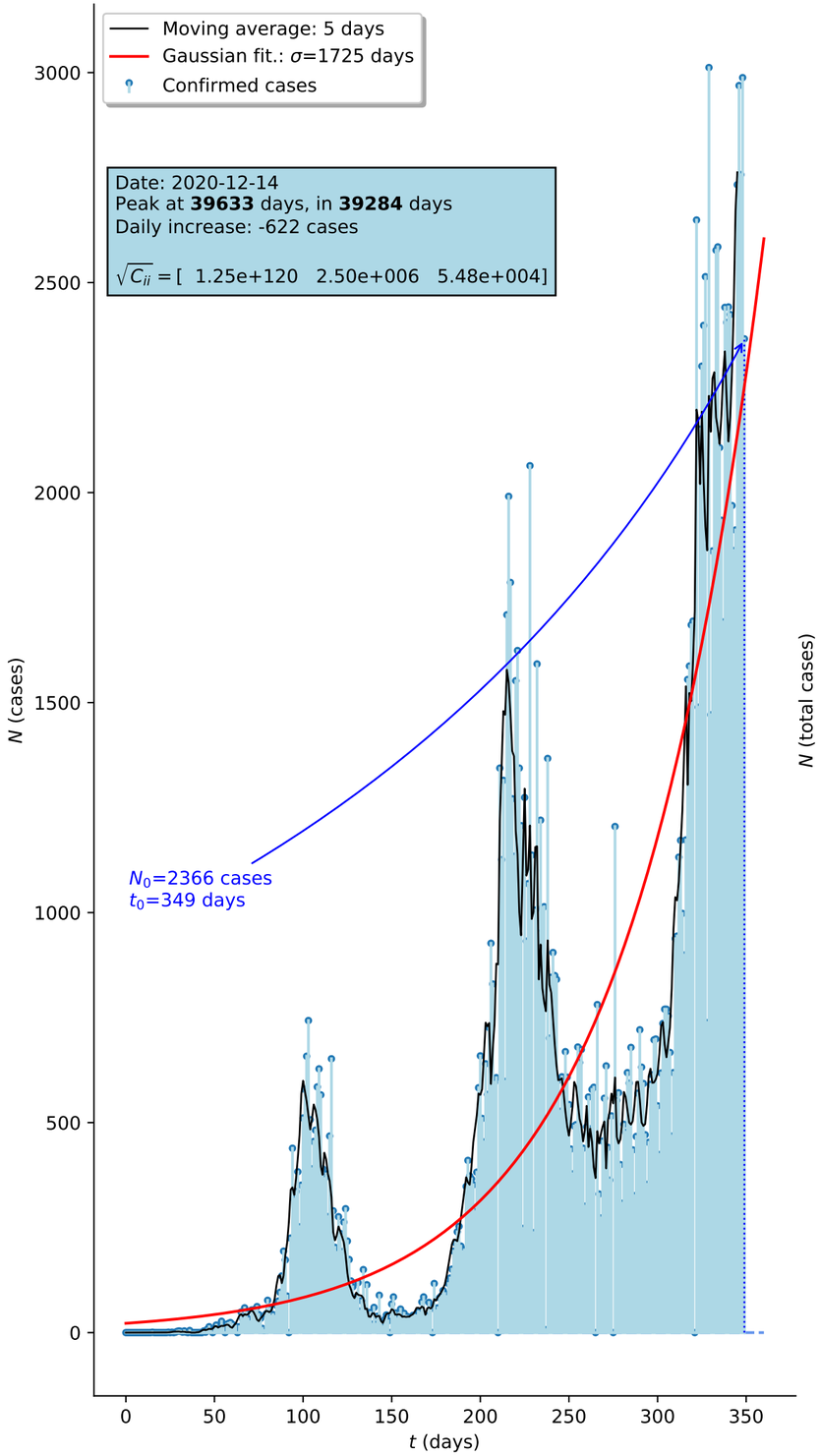
Moving average: 5 days
Gaussian fit.: σ=18 days
Confirmed cases

N (cases)
t (days)

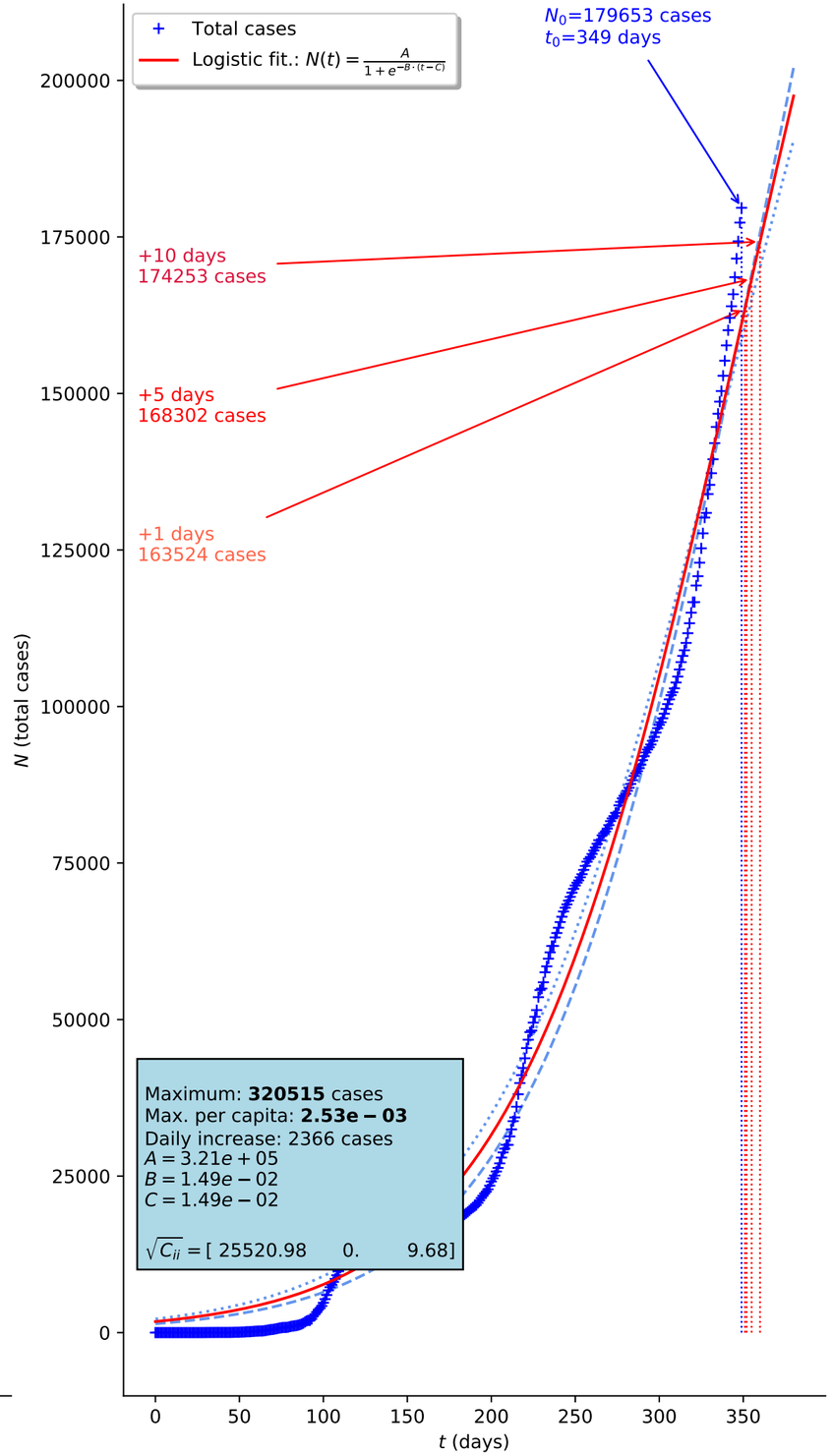
0
10000
20000
30000
40000

0
50
100
150
200
250
300
350

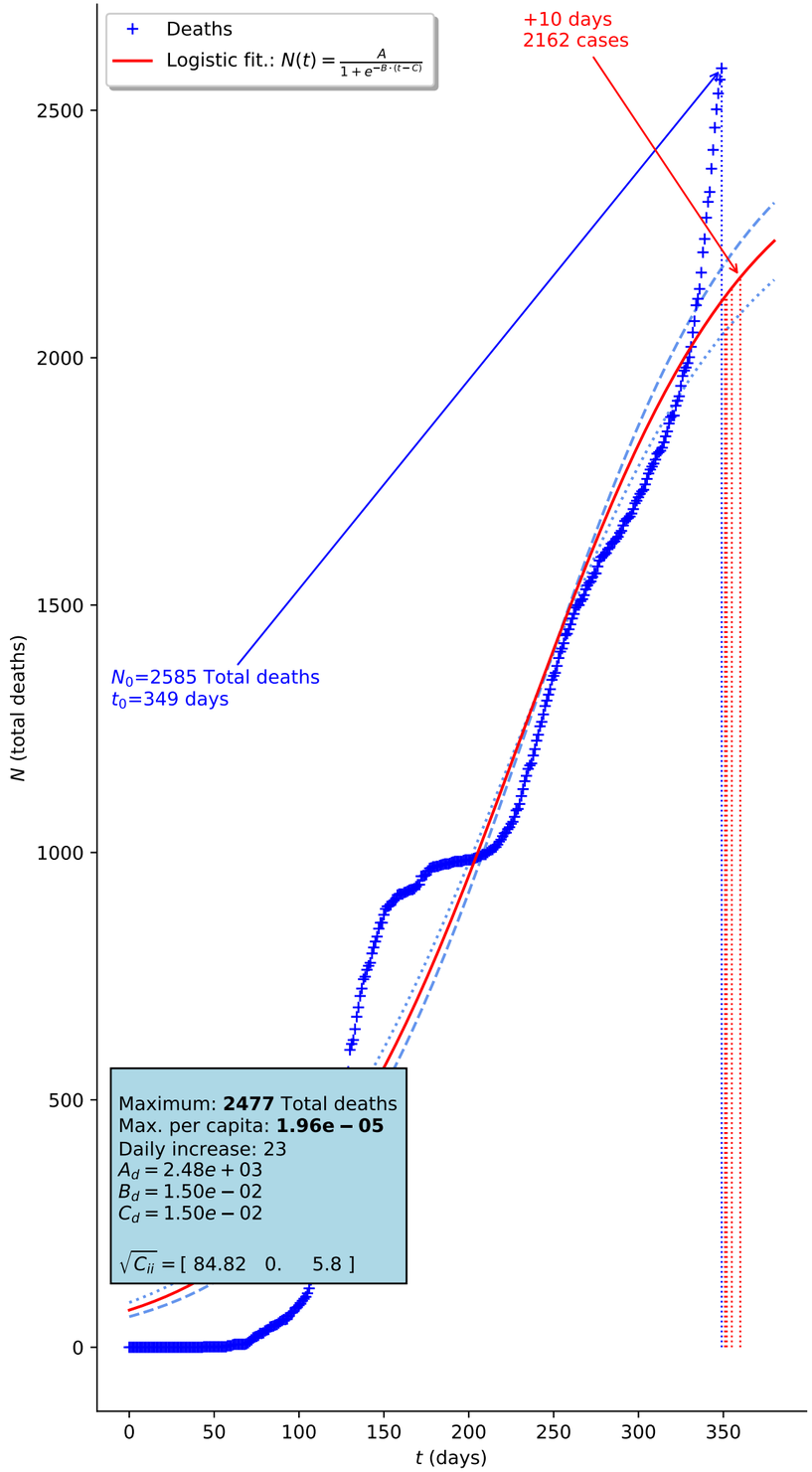
Japan - Confirmed cases $N(t)$ - Population: 126 529 100 people

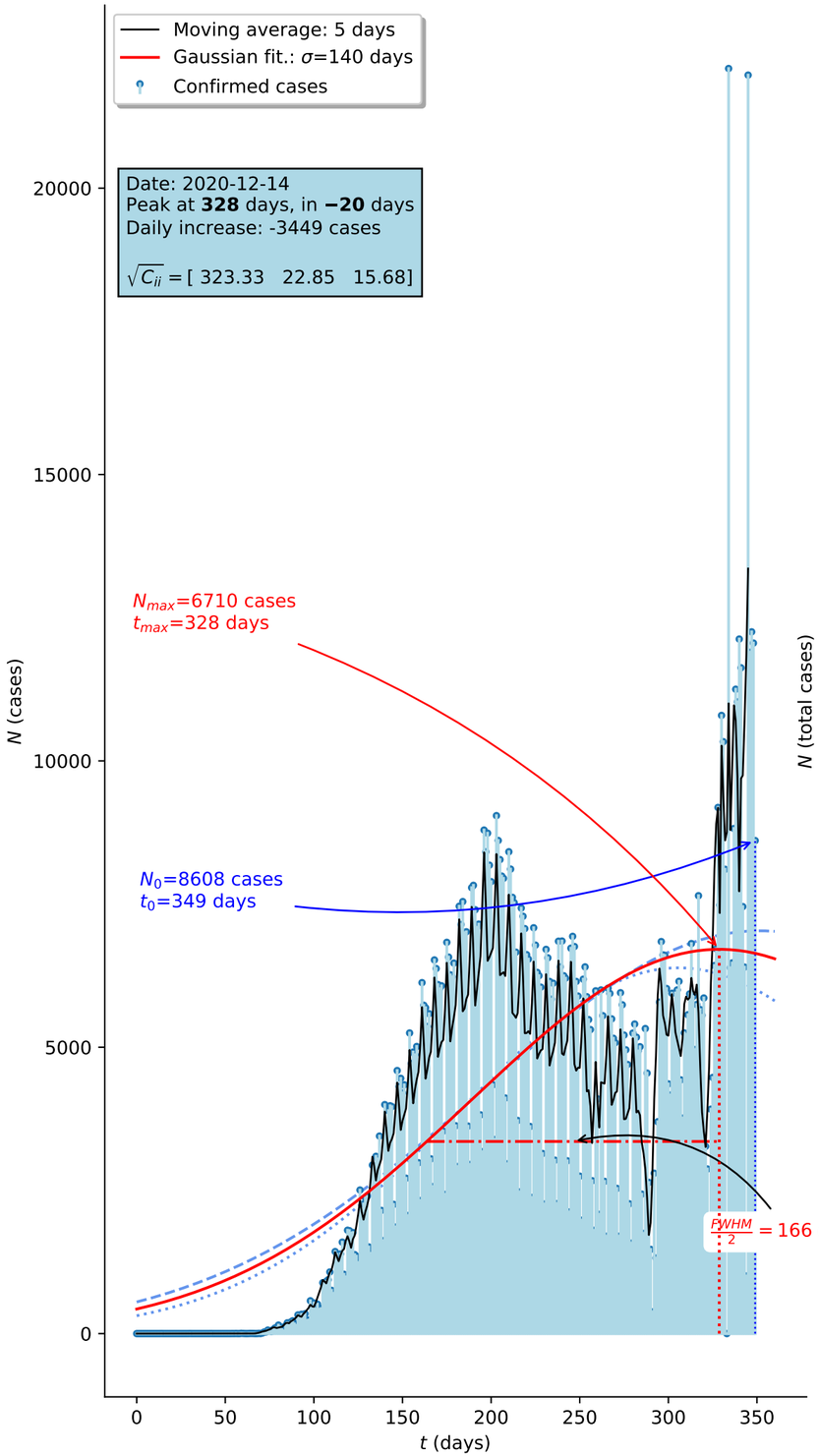


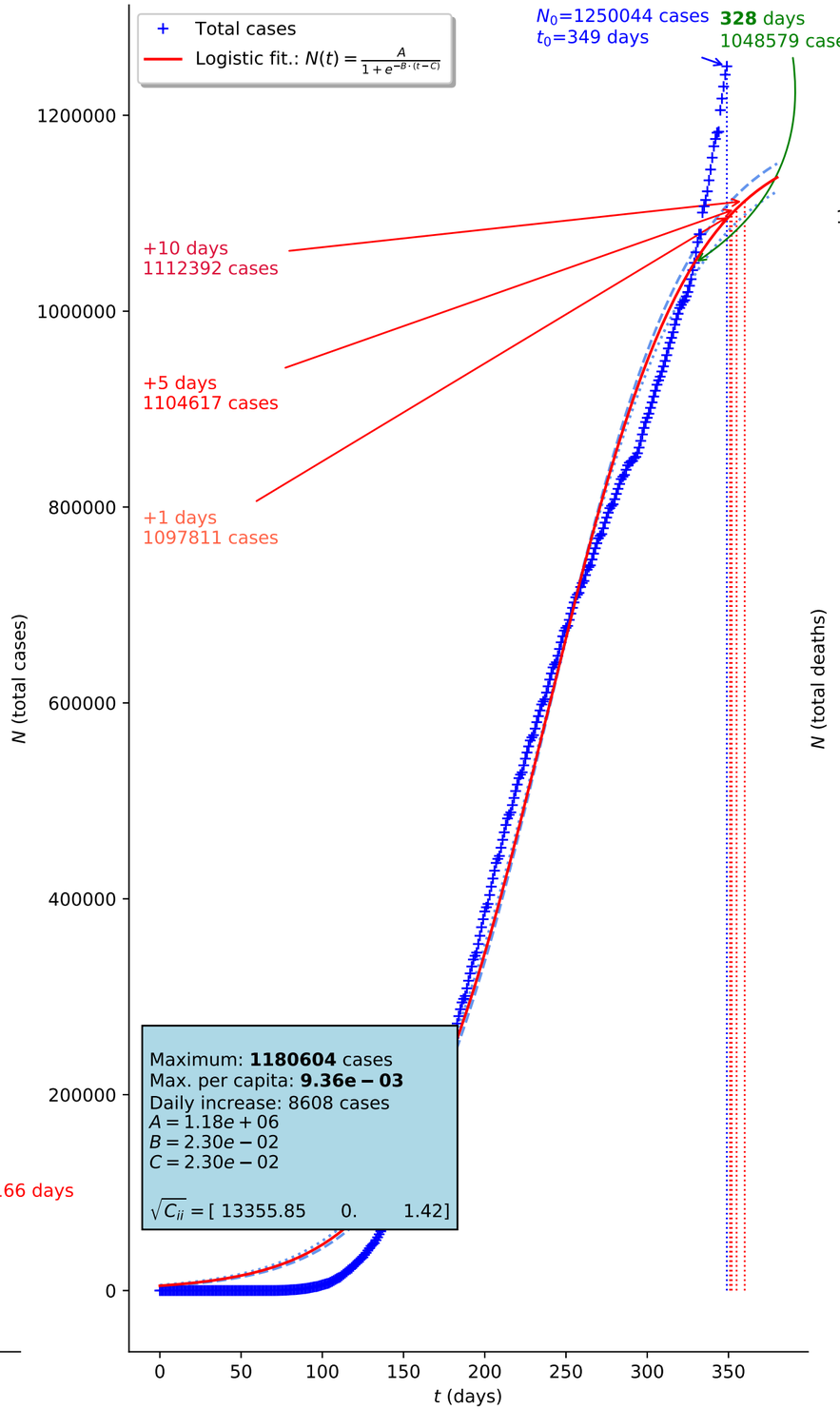
Japan - Total confirmed cases $N(t)$

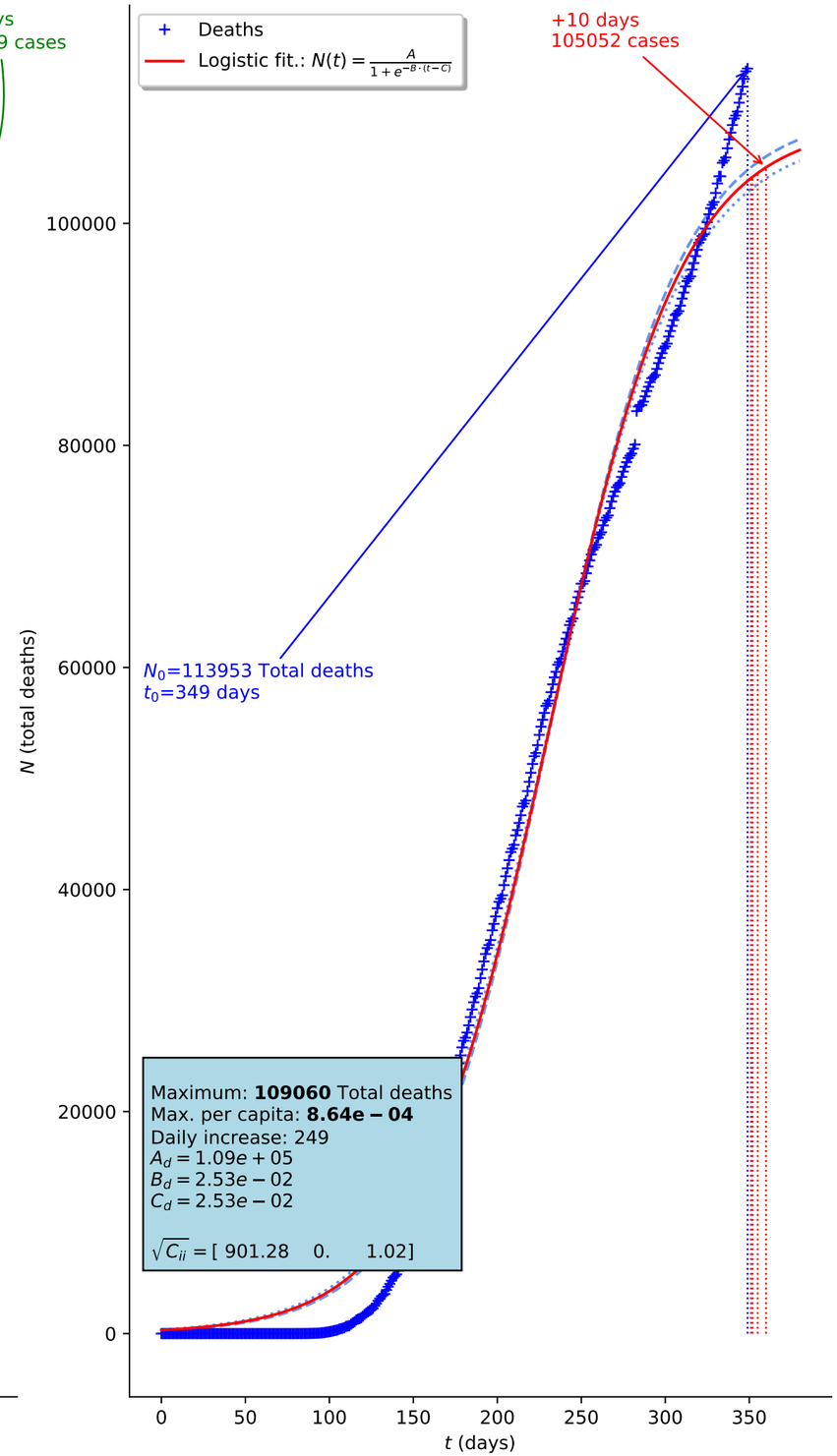


Japan - Total deaths $N(t)$

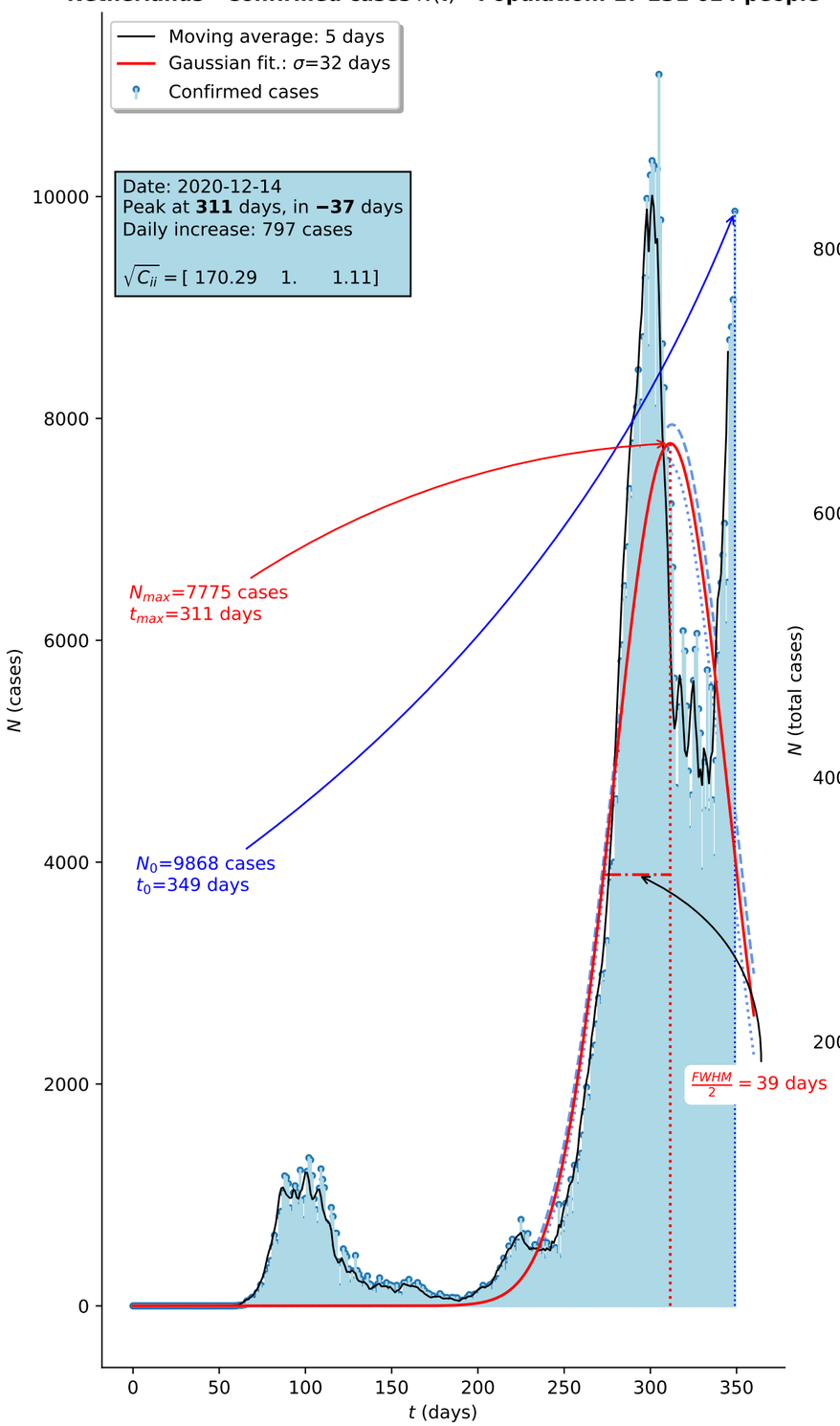



Mexico - Confirmed cases $N(t)$ - Population: 126 190 788 people
Moving average: 5 days
Gaussian fit.: σ=140 days
Confirmed cases
Date: 2020-12-14
Peak at 328 days, in −20 days
Daily increase: -3449 cases
$\sqrt{C_{ii}}$ = [323.33 22.85 15.68]
N_{max}=6710 cases
t_{max}=328 days
N_0=8608 cases
t_0=349 days
$\frac{FWHM}{2}$ = 166 days
N (cases)
t (days)

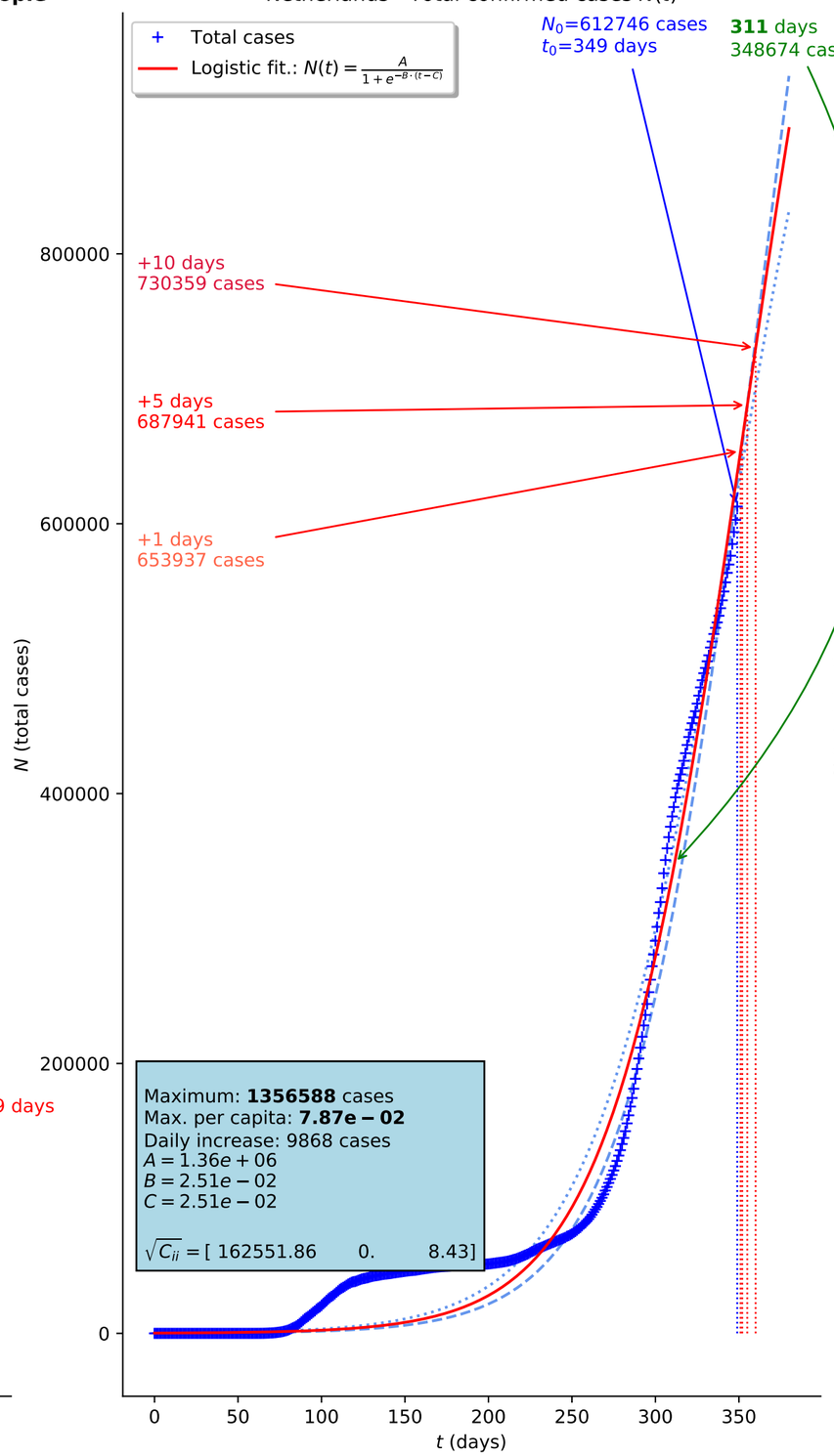

Mexico - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=1250044 cases
t_0=349 days
328 days
1048579 cases
+10 days
1112392 cases
+5 days
1104617 cases
+1 days
1097811 cases
Maximum: 1180604 cases
Max. per capita: 9.36e − 03
Daily increase: 8608 cases
$A = 1.18e+06$
$B = 2.30e-02$
$C = 2.30e-02$
$\sqrt{C_{ii}}$ = [13355.85 0. 1.42]
N (total cases)
t (days)


Mexico - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
105052 cases
N_0=113953 Total deaths
t_0=349 days
Maximum: 109060 Total deaths
Max. per capita: 8.64e − 04
Daily increase: 249
$A_d = 1.09e+05$
$B_d = 2.53e-02$
$C_d = 2.53e-02$
$\sqrt{C_{ii}}$ = [901.28 0. 1.02]
N (total deaths)
t (days)

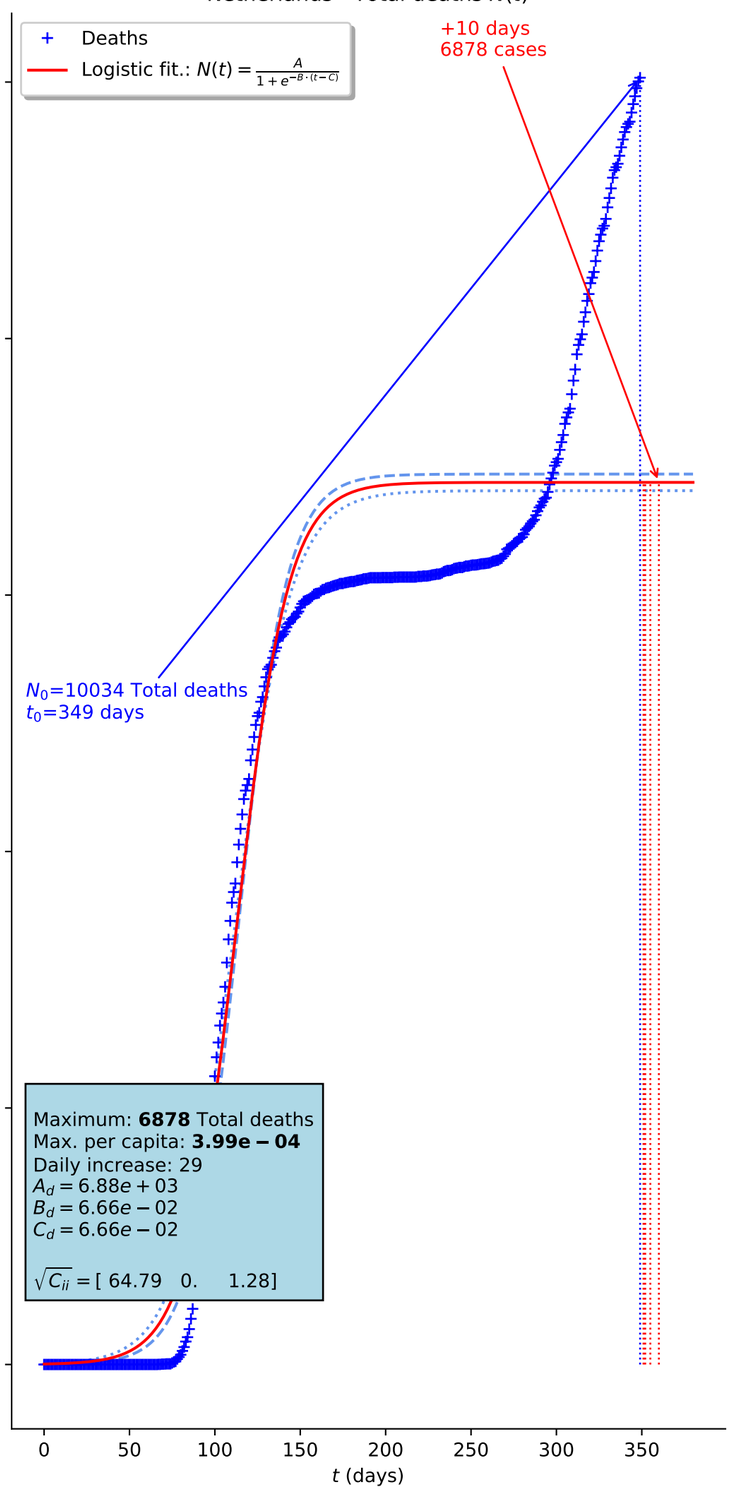
Netherlands - Confirmed cases $N(t)$ - Population: 17 231 624 people



Netherlands - Total confirmed cases $N(t)$



Netherlands - Total deaths $N(t)$



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

Moving average: 5 days
Gaussian fit.: σ=8 days
Confirmed cases

Date: 2020-12-14
Peak at **262** days, in **−5** days
Daily increase: 20 cases

$\sqrt{C_{ii}}$ = [4.38 1.31 1.25]

N_{max}=60 cases
t_{max}=262 days

N_0=59 cases
t_0=268 days

$\frac{1}{2}$ $FWHM$ = 10 days

N (cases)

t (days)

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

Date: 2020-12-14
Peak at **321** days, in **−27** days
Daily increase: 0 cases

$\sqrt{C_{ii}}$ = [36.15 1.63 1.81]

Moving average: 5 days
Gaussian fit.: σ=20 days
Confirmed cases

N_{max}=568 cases
t_{max}=321 days

N_0=0 cases
t_0=349 days

$\frac{1}{2}$ $FWHM$ = 24 days

N (cases)

t (days)

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

Moving average: 5 days
Gaussian fit.: σ=66 days
Confirmed cases

Date: 2020-12-14
Peak at **154** days, in **−126** days
Daily increase: -174 cases

$\sqrt{C_{ii}}$ = [164.73 2.03 2.16]

N_{max}=6201 cases
t_{max}=154 days

N_0=1928 cases
t_0=281 days

$\frac{FWHM}{2}$ = 78 days

N (cases)
t (days)

Peru - Total confirmed cases $N(t)$

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

N_0=984973 cases
t_0=281 days

154 days
500371 cases

+10 days
984279 cases

+5 days
980619 cases

+1 days
977346 cases

Maximum: **1011011** cases
Max. per capita: **3.16e − 02**
Daily increase: 1928 cases
$A = 1.01e+06$
$B = 2.64e-02$
$C = 2.64e-02$

$\sqrt{C_{ii}}$ = [4917.96 0. 0.6]

N (total cases)
t (days)

Peru - Total deaths $N(t)$

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

+10 days
35698 cases

N_0=36677 Total deaths
t_0=281 days

Maximum: **35827** Total deaths
Max. per capita: **1.12e − 03**
Daily increase: 68
$A_d = 3.58e+04$
$B_d = 3.75e-02$
$C_d = 3.75e-02$

$\sqrt{C_{ii}}$ = [105.01 0. 0.34]

N (total deaths)
t (days)

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

Moving average: 5 days
Gaussian fit.: σ=23 days
Confirmed cases

Date: 2020-12-14
Peak at **260** days, in **−25** days
Daily increase: -369 cases

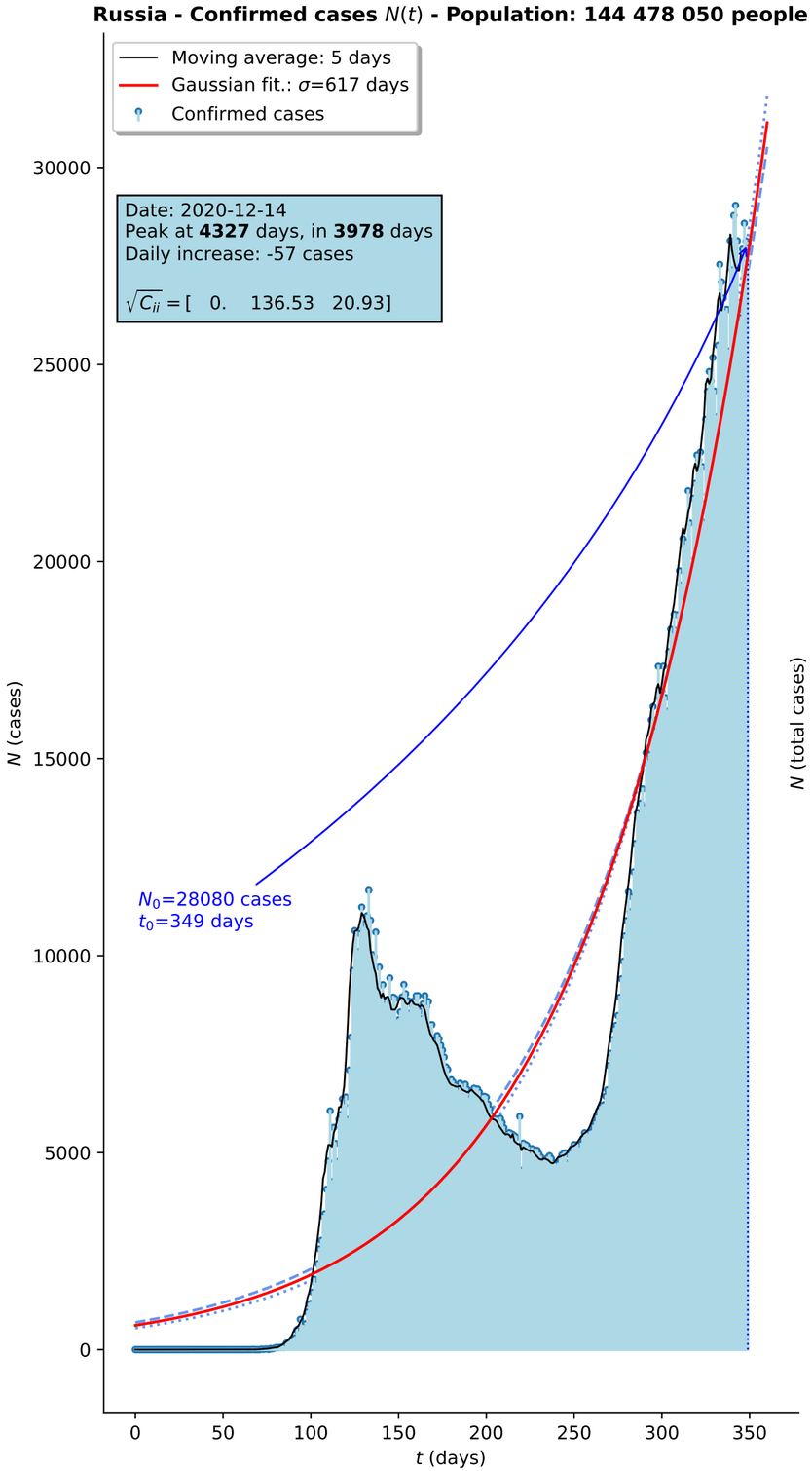
$\sqrt{C_{ii}}$ = [123.05 0.73 0.81]

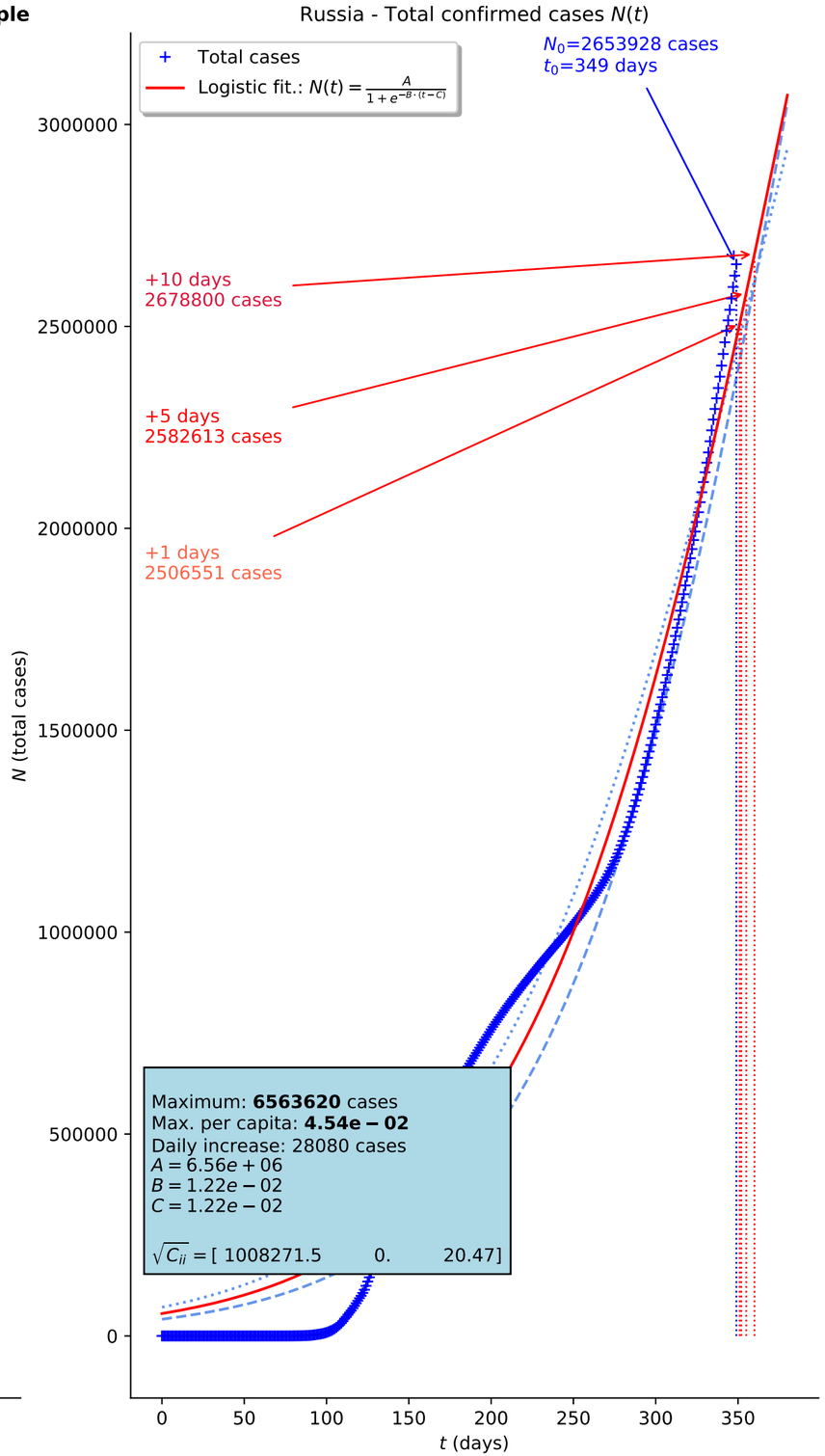
N_{max}=5573 cases
t_{max}=260 days

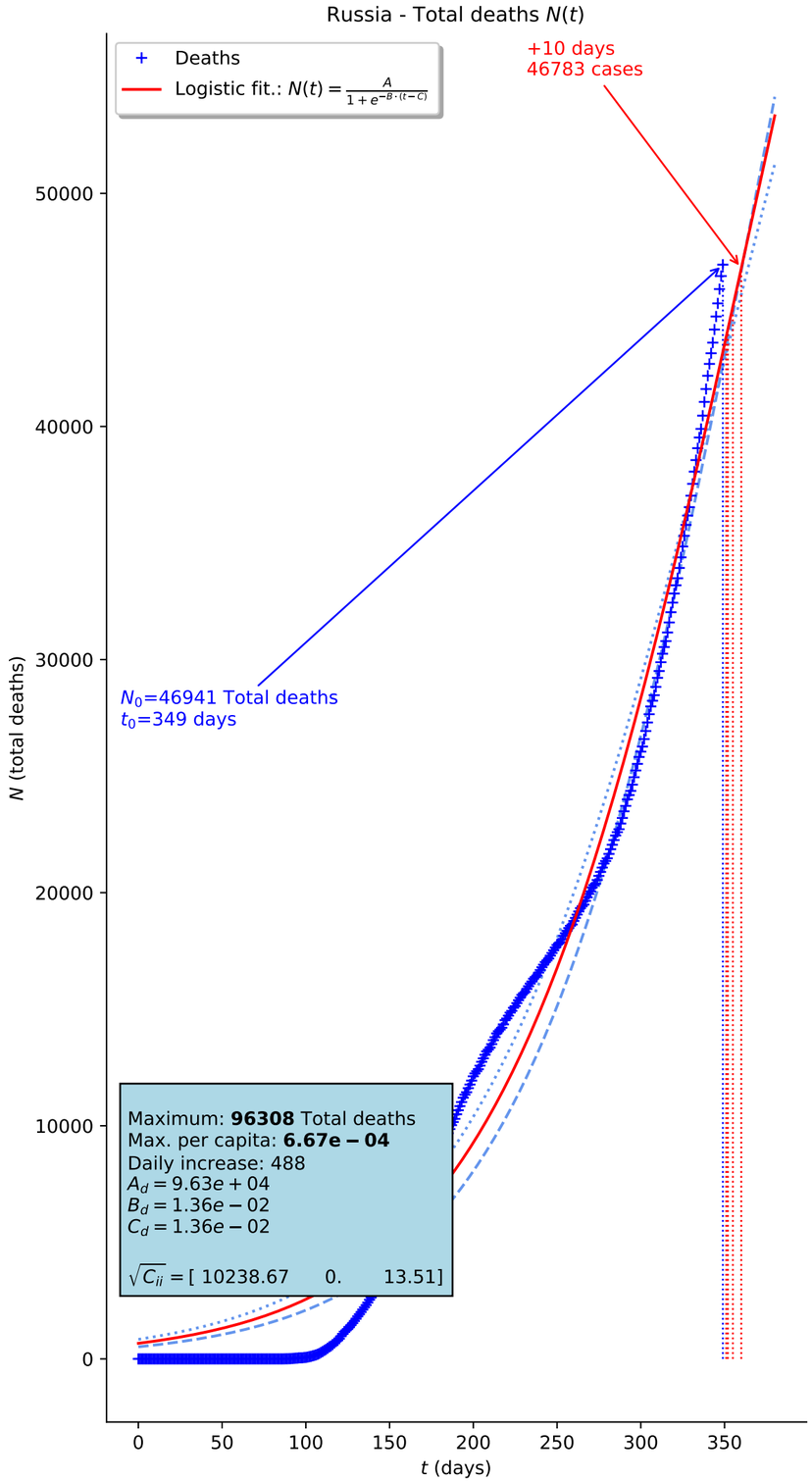
N_0=4044 cases
t_0=286 days

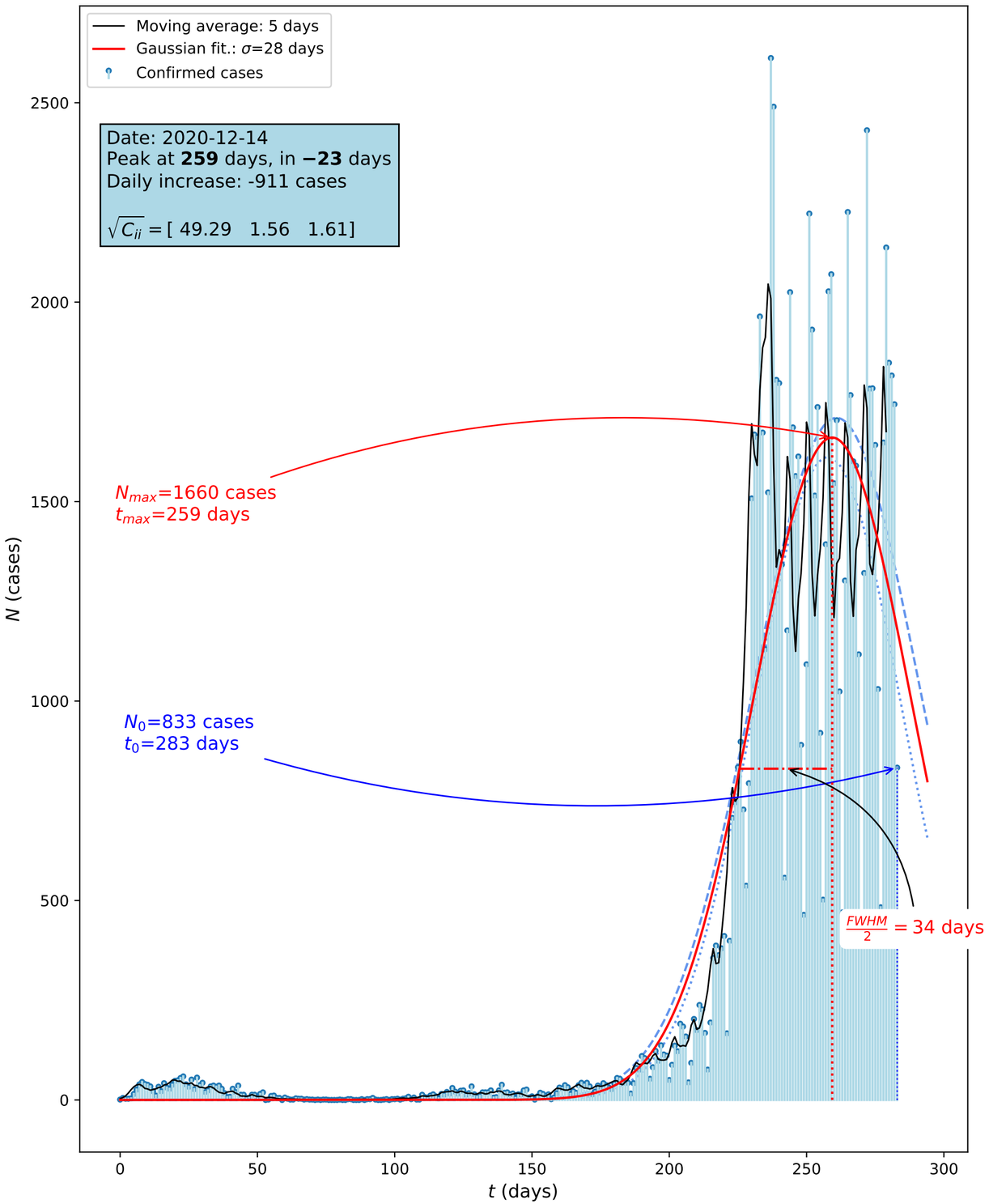
$\frac{1}{2}$ $FWHM$ = 28 days

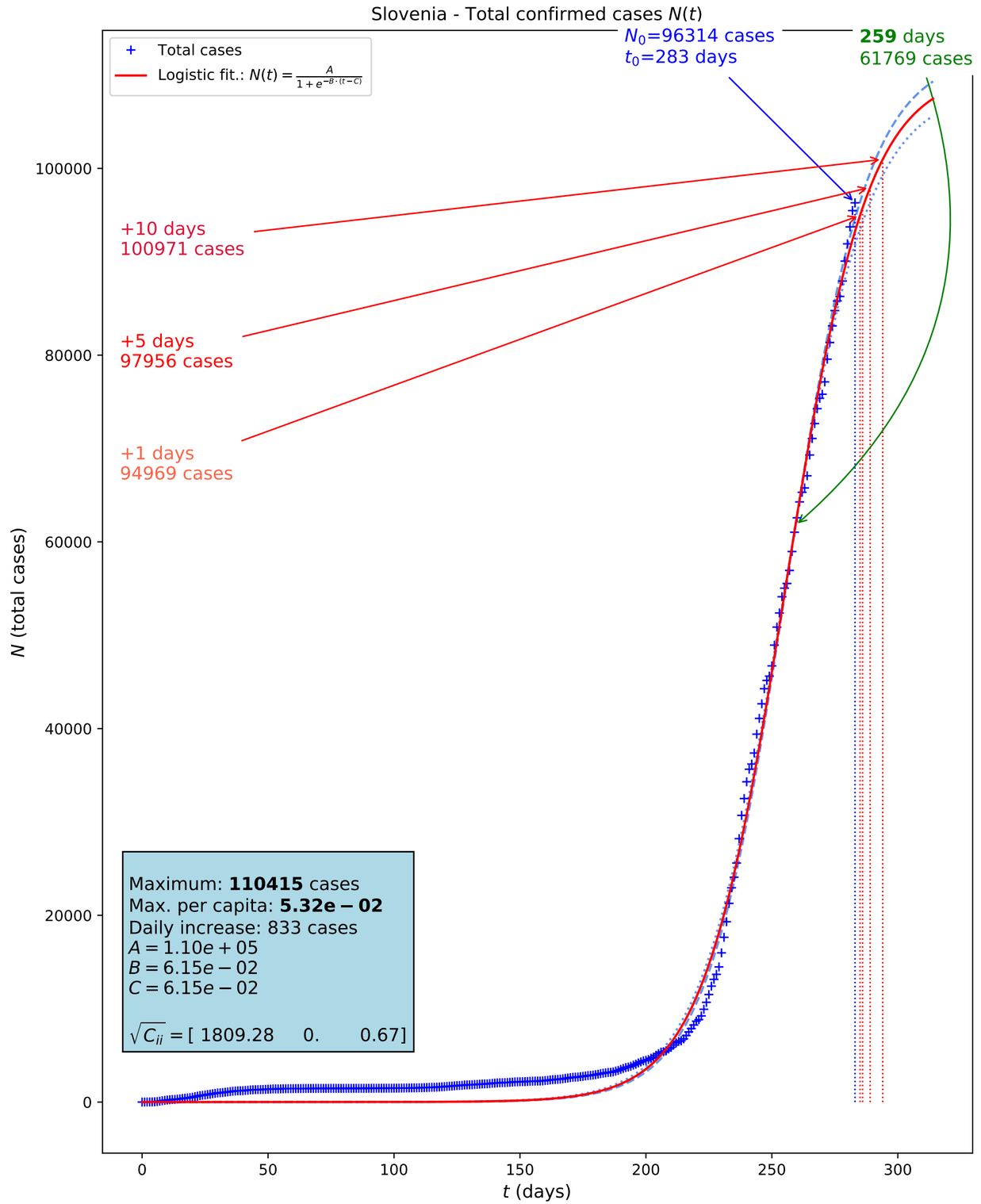
N (cases)
t (days)

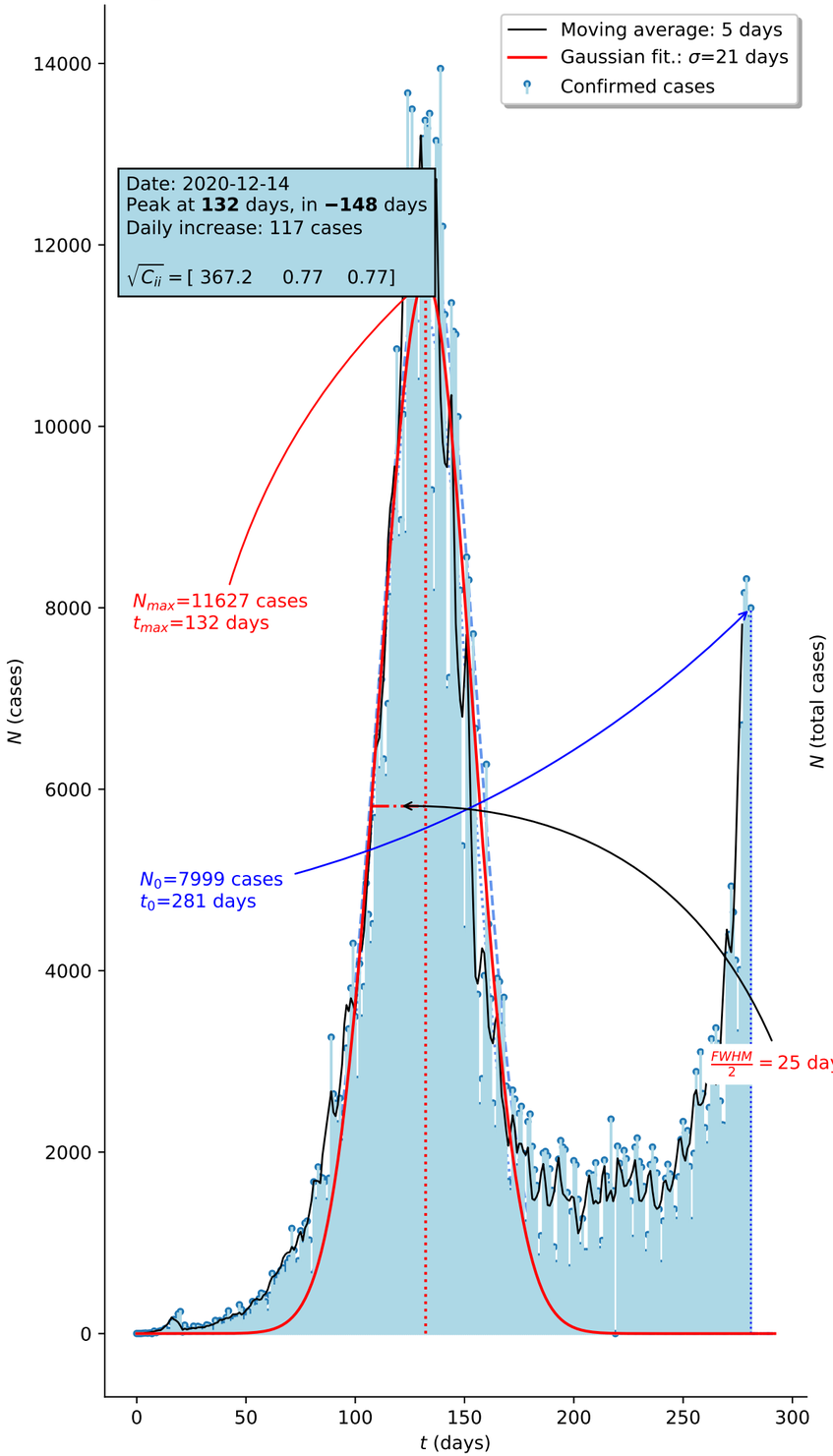

Russia - Confirmed cases $N(t)$ - Population: 144 478 050 people
Moving average: 5 days
Gaussian fit.: σ=617 days
Confirmed cases
Date: 2020-12-14
Peak at 4327 days, in 3978 days
Daily increase: -57 cases
$\sqrt{C_{ii}}$ = [0. 136.53 20.93]
N_0=28080 cases
t_0=349 days
N (cases)
t (days)

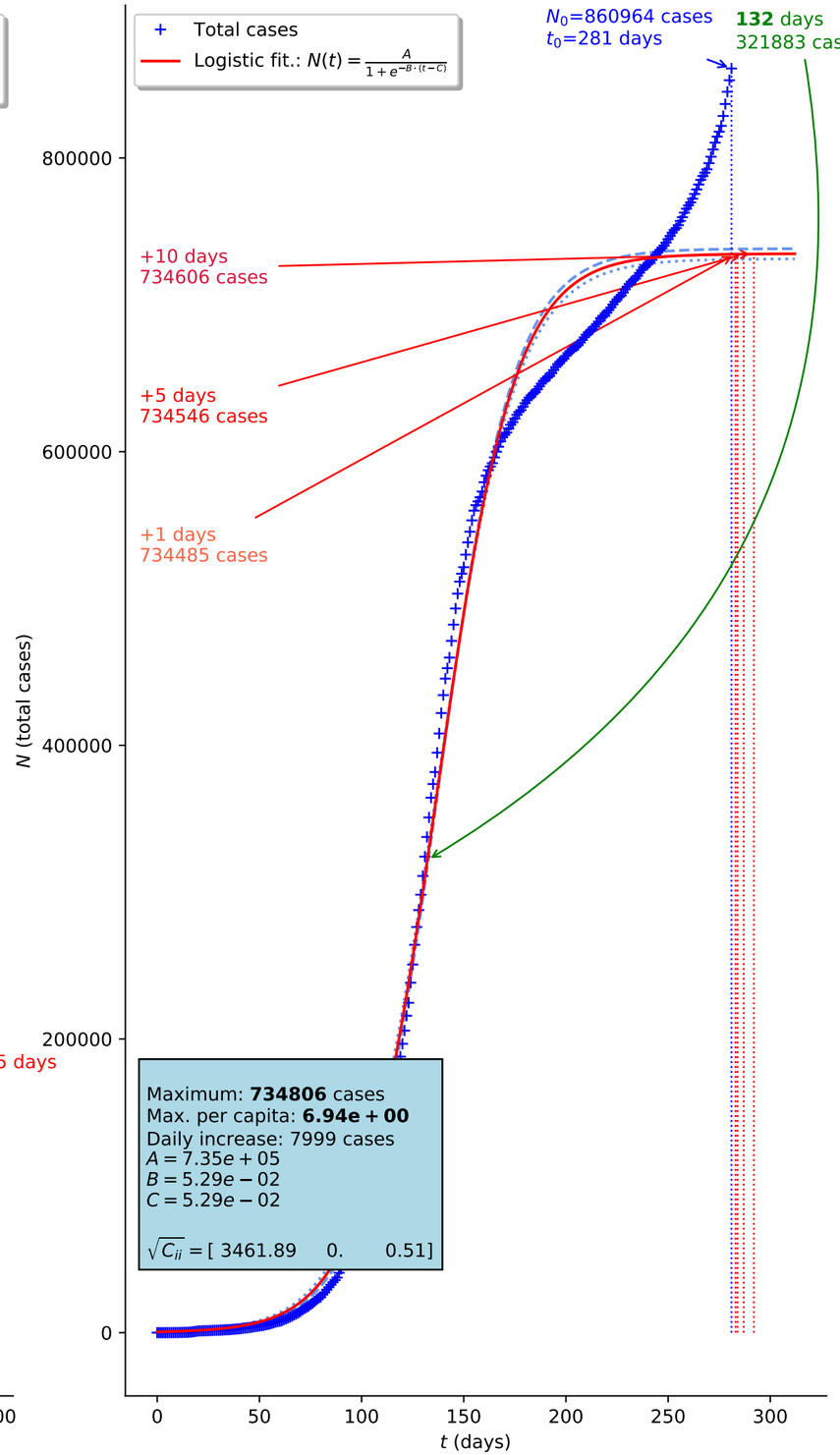

Russia - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=2653928 cases
t_0=349 days
+10 days
2678800 cases
+5 days
2582613 cases
+1 days
2506551 cases
Maximum: 6563620 cases
Max. per capita: 4.54e − 02
Daily increase: 28080 cases
$A = 6.56e+06$
$B = 1.22e-02$
$C = 1.22e-02$
$\sqrt{C_{ii}}$ = [1008271.5 0. 20.47]
N (total cases)
t (days)

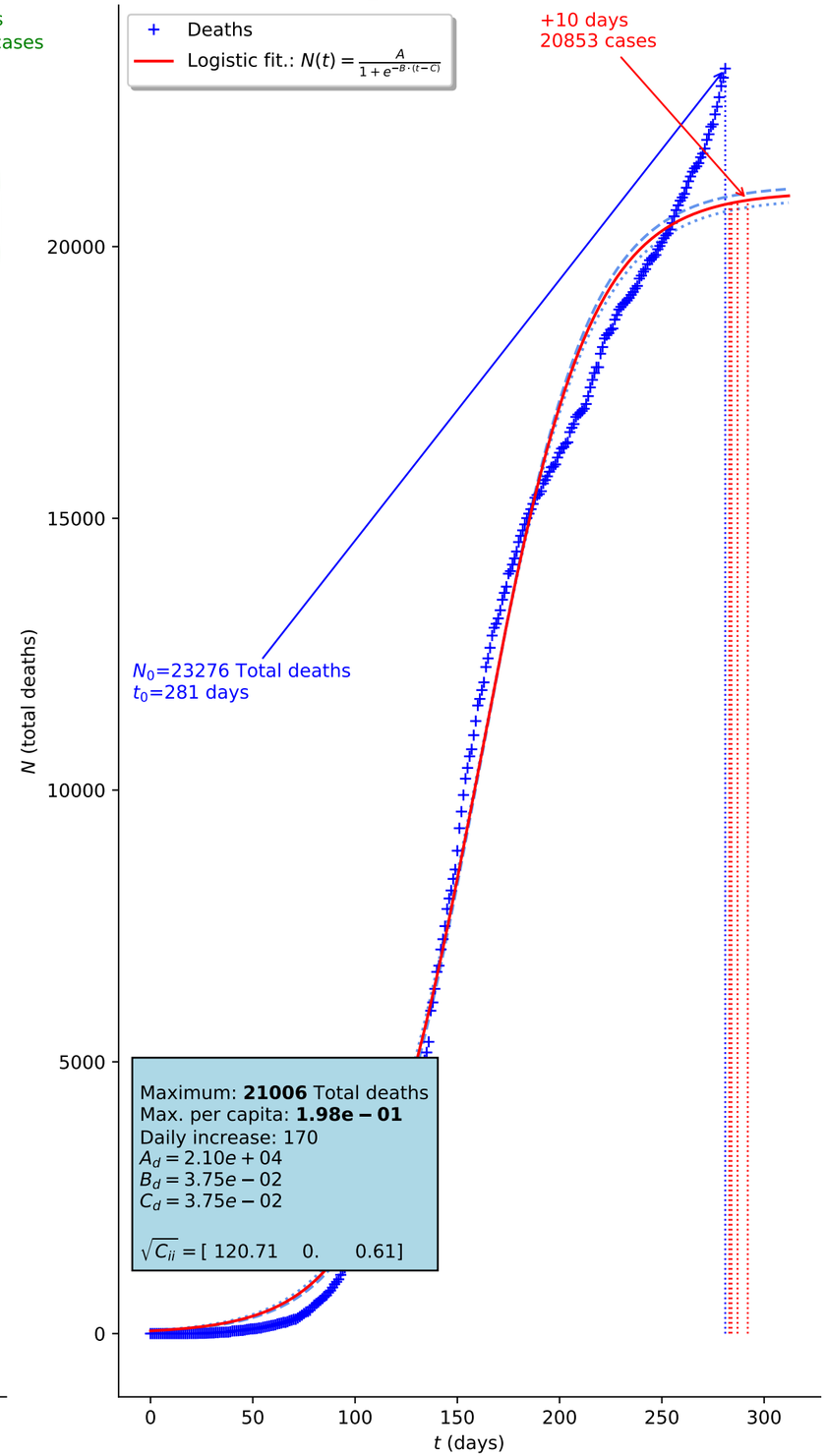

Russia - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
46783 cases
N_0=46941 Total deaths
t_0=349 days
Maximum: 96308 Total deaths
Max. per capita: 6.67e − 04
Daily increase: 488
$A_d = 9.63e+04$
$B_d = 1.36e-02$
$C_d = 1.36e-02$
$\sqrt{C_{ii}}$ = [10238.67 0. 13.51]
N (total deaths)
t (days)

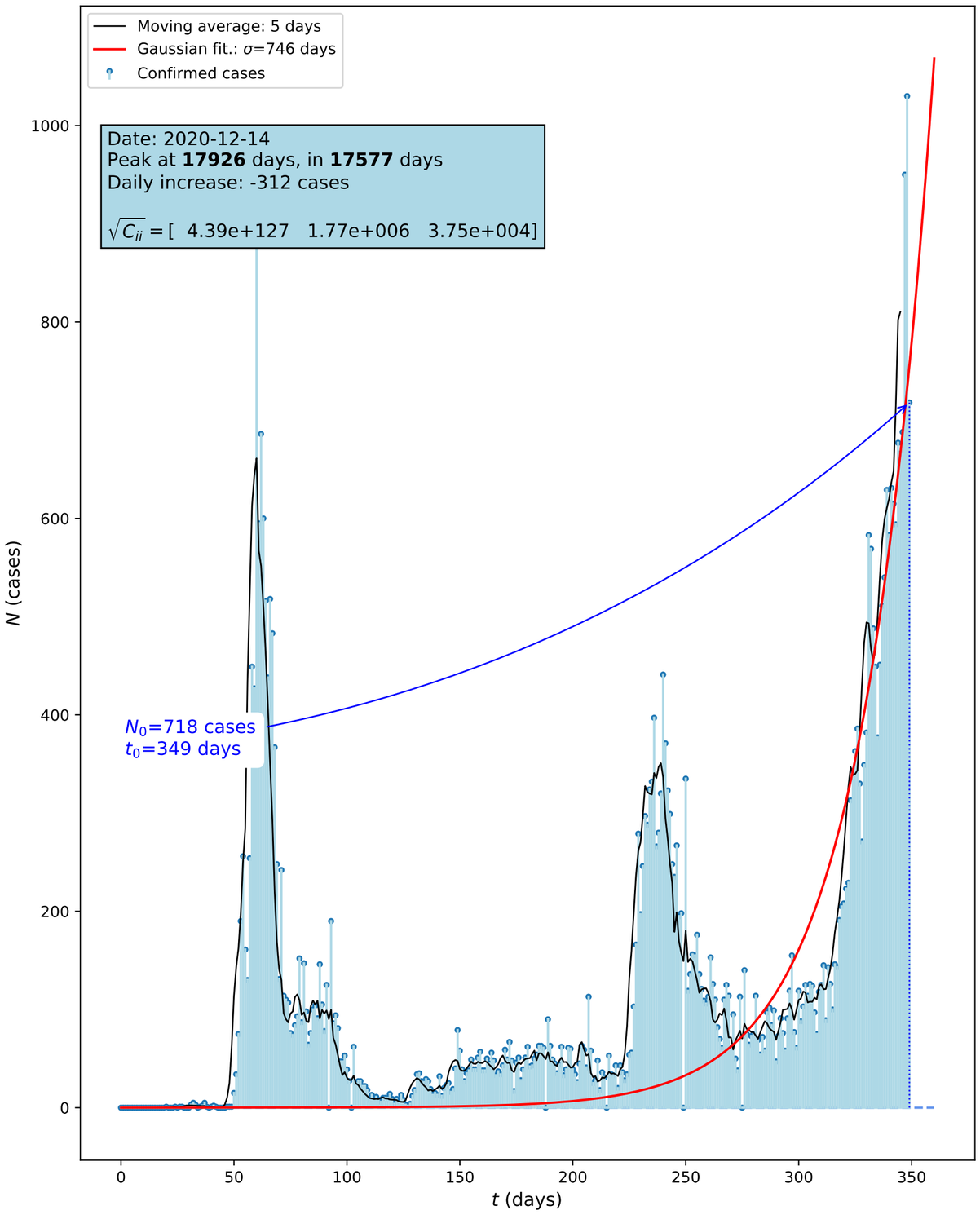

Slovenia - Confirmed cases $N(t)$ - Population: 2 073 894 people
Moving average: 5 days
Gaussian fit.: σ=28 days
Confirmed cases
Date: 2020-12-14
Peak at **259** days, in **−23** days
Daily increase: -911 cases
$\sqrt{C_{ii}}$ = [49.29 1.56 1.61]
N_{max}=1660 cases
t_{max}=259 days
N_0=833 cases
t_0=283 days
$\frac{FWHM}{2}$ = 34 days
N (cases)
t (days)

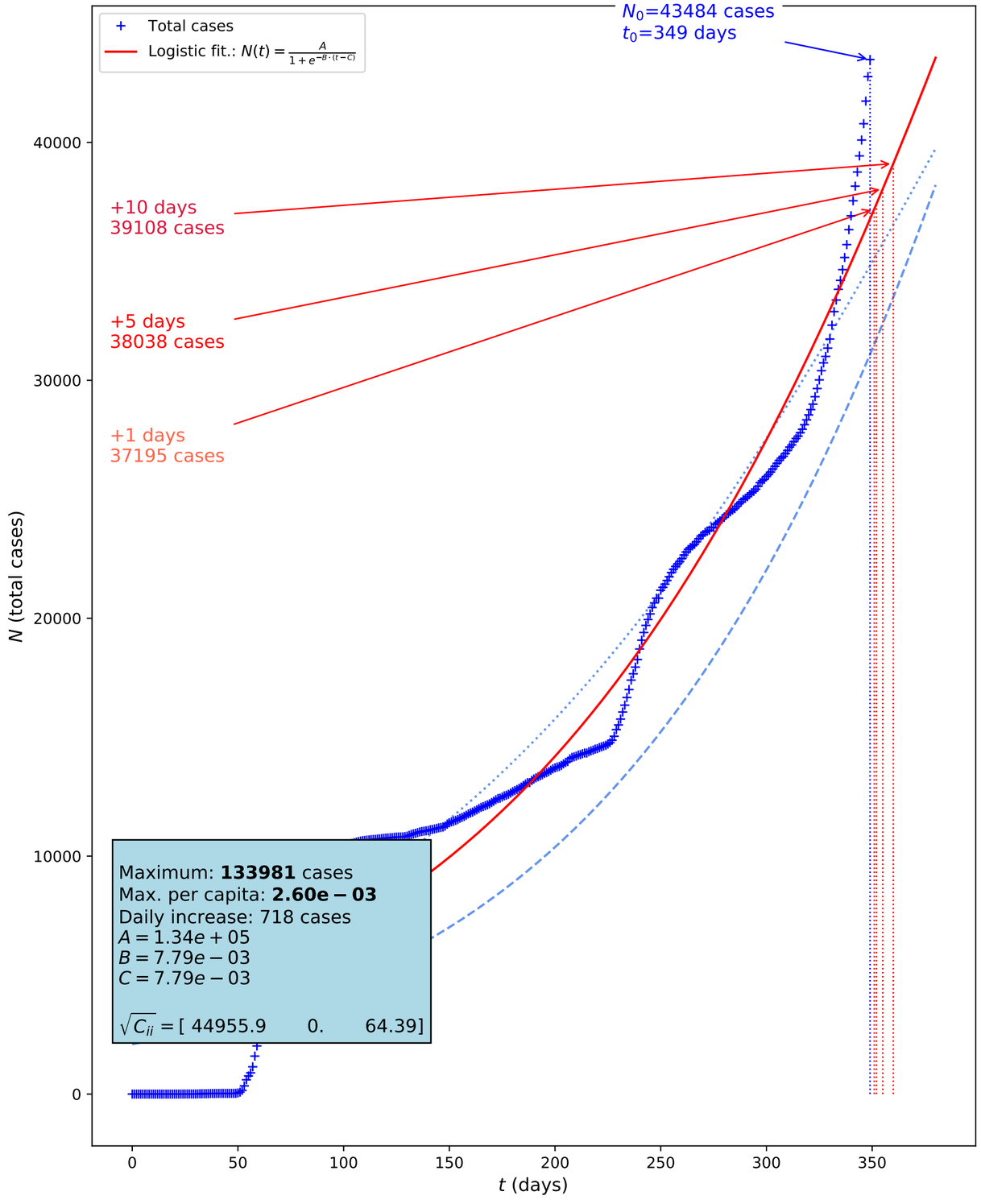

Slovenia - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=96314 cases
t_0=283 days
259 days
61769 cases
+10 days
100971 cases
+5 days
97956 cases
+1 days
94969 cases
Maximum: **110415** cases
Max. per capita: **5.32e − 02**
Daily increase: 833 cases
$A = 1.10e+05$
$B = 6.15e-02$
$C = 6.15e-02$
$\sqrt{C_{ii}}$ = [1809.28 0. 0.67]
N (total cases)
t (days)


South_Africa - Confirmed cases $N(t)$ - Population: 105 845 people
Moving average: 5 days
Gaussian fit.: σ=21 days
Confirmed cases
Date: 2020-12-14
Peak at 132 days, in −148 days
Daily increase: 117 cases
$\sqrt{C_{ii}}$ = [367.2 0.77 0.77]
N_{max}=11627 cases
t_{max}=132 days
N_0=7999 cases
t_0=281 days
$\frac{FWHM}{2}$ = 25 days
N (cases)
t (days)

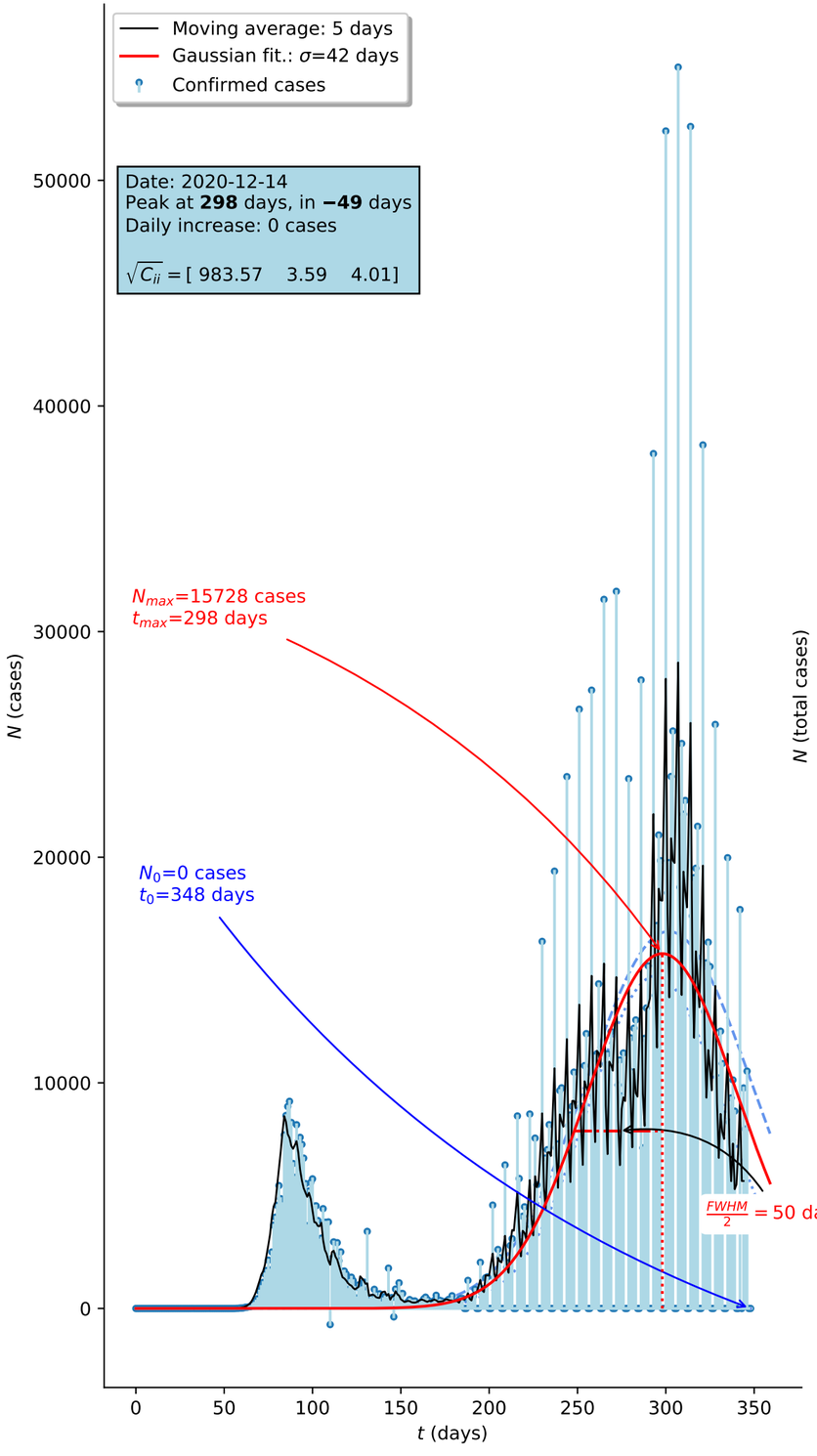

South_Africa - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=860964 cases
t_0=281 days
132 days
321883 cases
+10 days
734606 cases
+5 days
734546 cases
+1 days
734485 cases
Maximum: 734806 cases
Max. per capita: 6.94e + 00
Daily increase: 7999 cases
$A = 7.35e+05$
$B = 5.29e-02$
$C = 5.29e-02$
$\sqrt{C_{ii}}$ = [3461.89 0. 0.51]
N (total cases)
t (days)


South_Africa - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
20853 cases
N_0=23276 Total deaths
t_0=281 days
Maximum: 21006 Total deaths
Max. per capita: 1.98e − 01
Daily increase: 170
$A_d = 2.10e+04$
$B_d = 3.75e-02$
$C_d = 3.75e-02$
$\sqrt{C_{ii}}$ = [120.71 0. 0.61]
N (total deaths)
t (days)

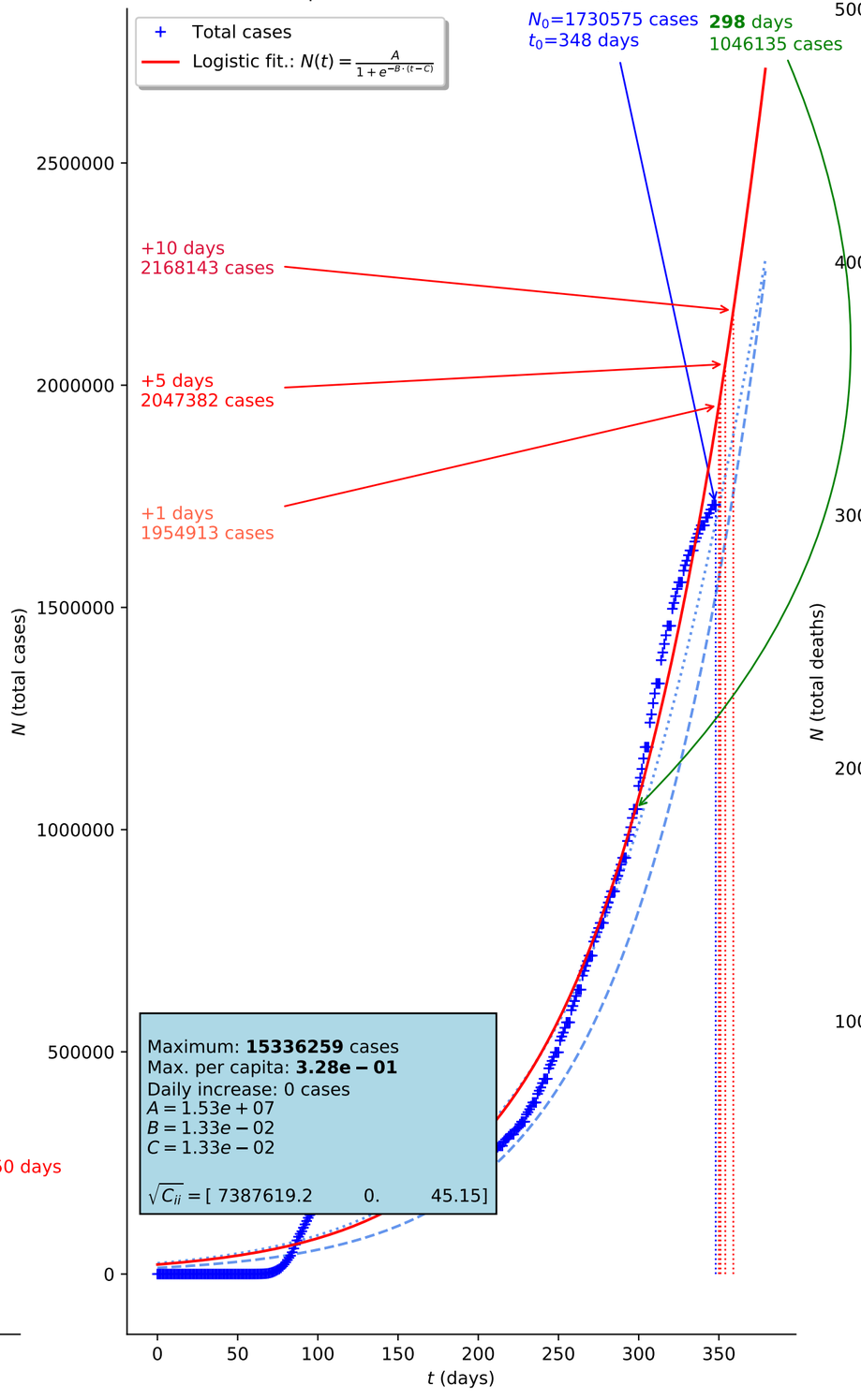

South_Korea - Confirmed cases $N(t)$ - Population: 51 606 633 people
Moving average: 5 days
Gaussian fit.: σ=746 days
Confirmed cases
Date: 2020-12-14
Peak at **17926** days, in **17577** days
Daily increase: -312 cases
$\sqrt{C_{ii}}$ = [4.39e+127 1.77e+006 3.75e+004]
N_0=718 cases
t_0=349 days
N (cases)
t (days)


South_Korea - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=43484 cases
t_0=349 days
+10 days
39108 cases
+5 days
38038 cases
+1 days
37195 cases
Maximum: **133981** cases
Max. per capita: **2.60e − 03**
Daily increase: 718 cases
$A = 1.34e+05$
$B = 7.79e-03$
$C = 7.79e-03$
$\sqrt{C_{ii}}$ = [44955.9 0. 64.39]
N (total cases)
t (days)

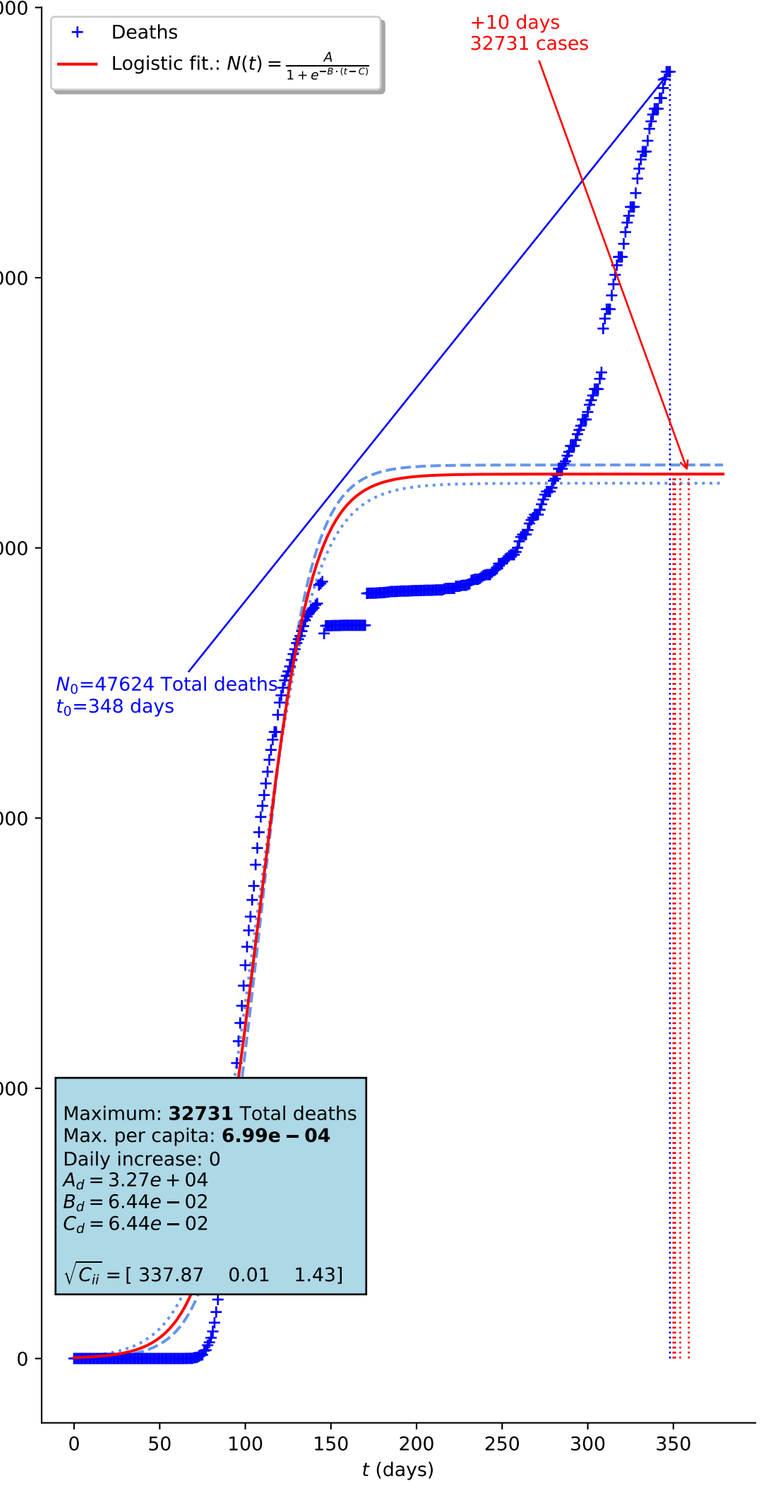
Spain - Confirmed cases $N(t)$ - Population: 46 796 540 people



Spain - Total confirmed cases $N(t)$



Spain - Total deaths $N(t)$



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

Moving average: 5 days
Gaussian fit.: σ=20 days
Confirmed cases

Date: 2020-12-14
Peak at **329** days, in **−19** days
Daily increase: 0 cases

$\sqrt{C_{ii}}$ = [174.32 1.13 1.21]

N_{max}=5223 cases
t_{max}=329 days

N_0=0 cases
t_0=349 days

$\frac{1}{2}$ $FWHM$ = 25 days

N (cases)
t (days)

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

Date: 2020-12-14
Peak at **313** days, in **−35** days
Daily increase: 0 cases

$\sqrt{C_{ii}}$ = [410.91 1.26 1.33]

Moving average: 5 days
Gaussian fit.: σ=18 days
Confirmed cases

N_{max}=7096 cases
t_{max}=313 days

N_0=0 cases
t_0=349 days

$\frac{1}{2}$ $FWHM$ = 23 days

N (cases)
t (days)

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

Moving average: 5 days
Gaussian fit.: σ=7 days
Confirmed cases

Date: 2020-12-14
Peak at **266** days, in **−8** days
Daily increase: -2970 cases

$\sqrt{C_{ii}}$ = [952.16 0.31 0.34]

N_{max}=34148 cases
t_{max}=266 days

N_0=29136 cases
t_0=275 days

$\frac{1}{2}$ $FWHM$ = 10 days

N (cases)

t (days)

United_Kingdom - Confirmed cases $N(t)$ - Population: 66 460 344 people

Date: 2020-12-14
Peak at **313** days, in **−35** days
Daily increase: -3054 cases

$\sqrt{C_{ii}}$ = [436.86 0.76 0.84]

N_{max}=23368 cases
t_{max}=313 days

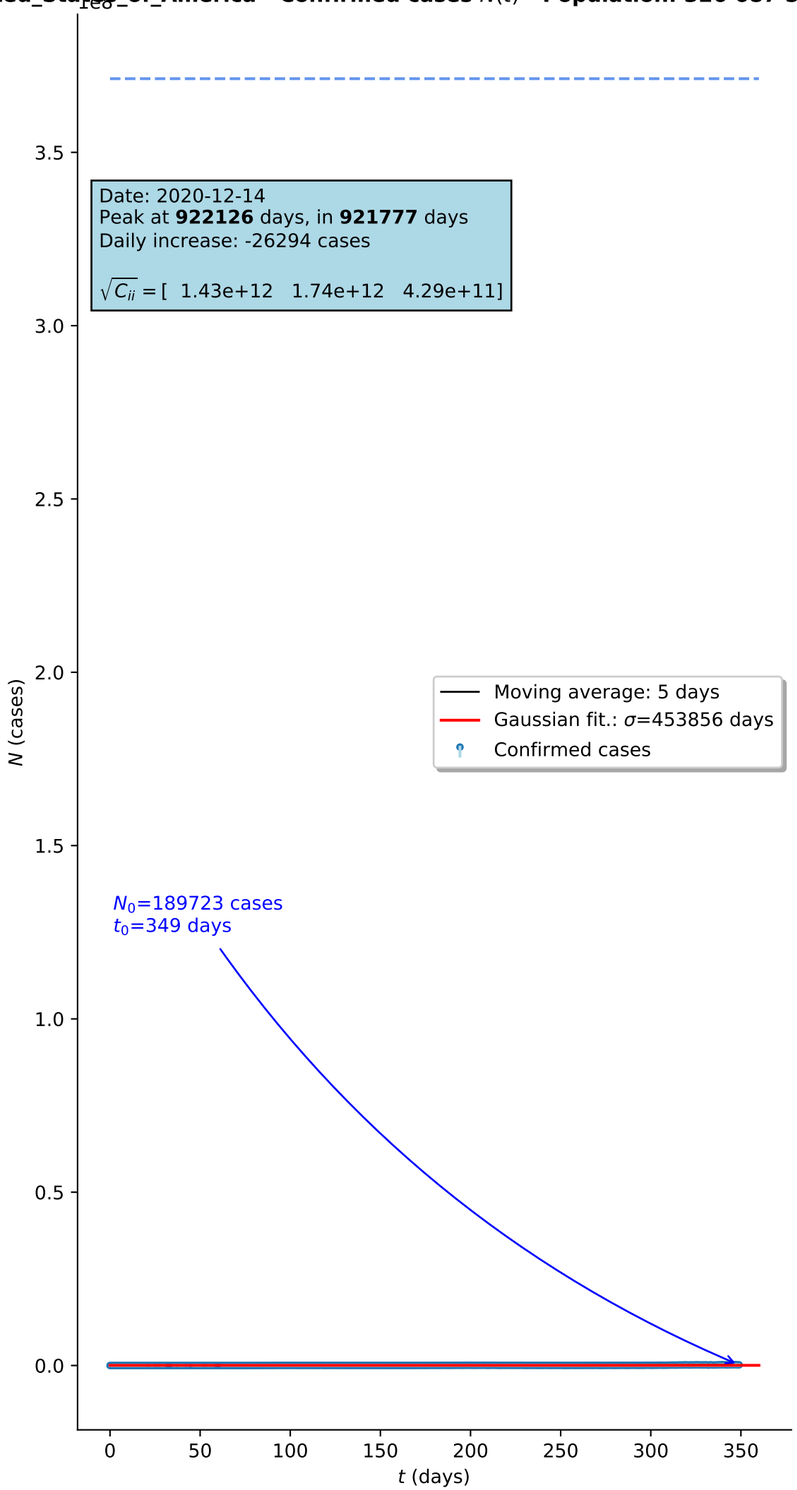
N_0=18447 cases
t_0=349 days

$\frac{1}{2}$ $FWHM$ = 36 days

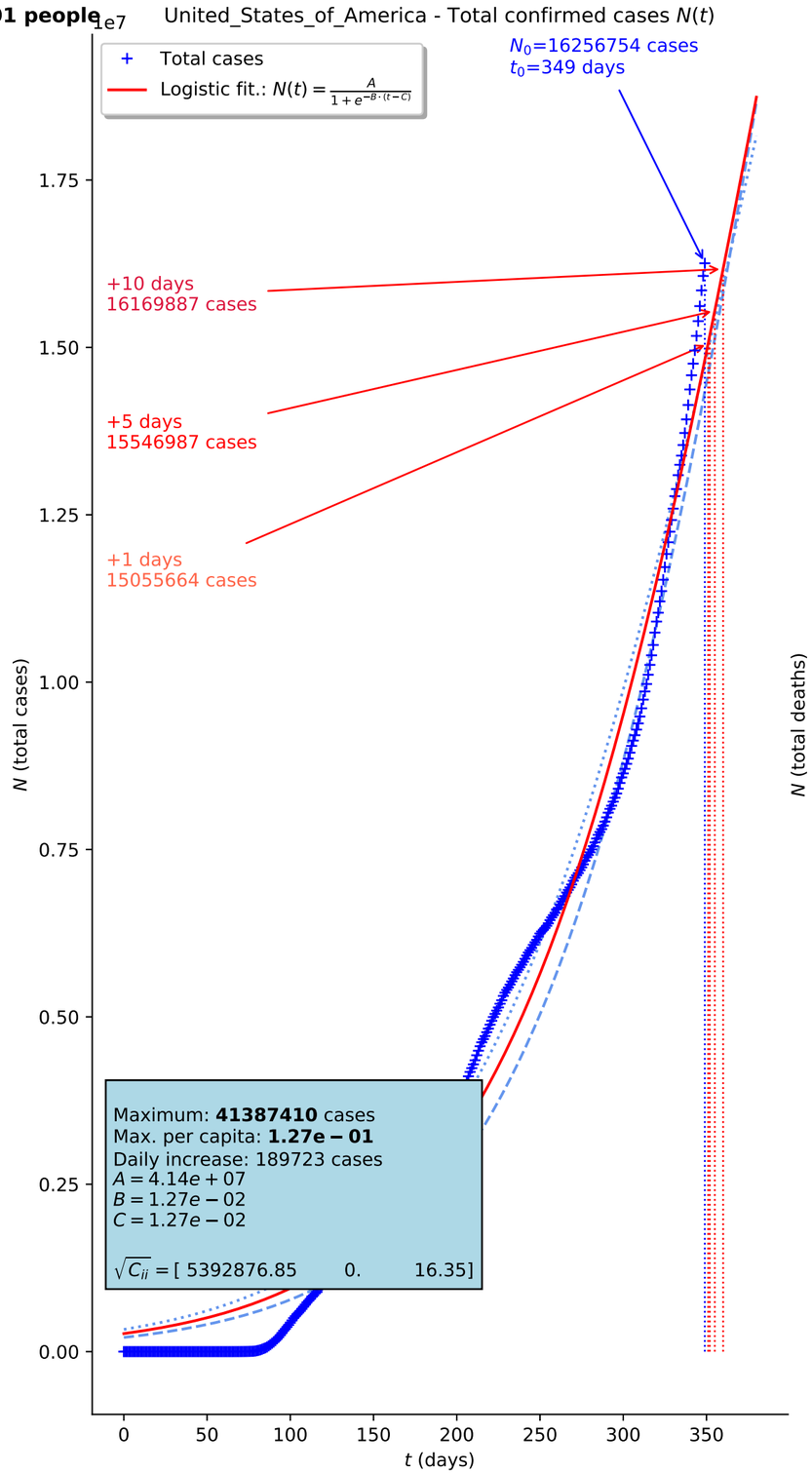
Moving average: 5 days
Gaussian fit.: σ=29 days
Confirmed cases

N (cases)
t (days)

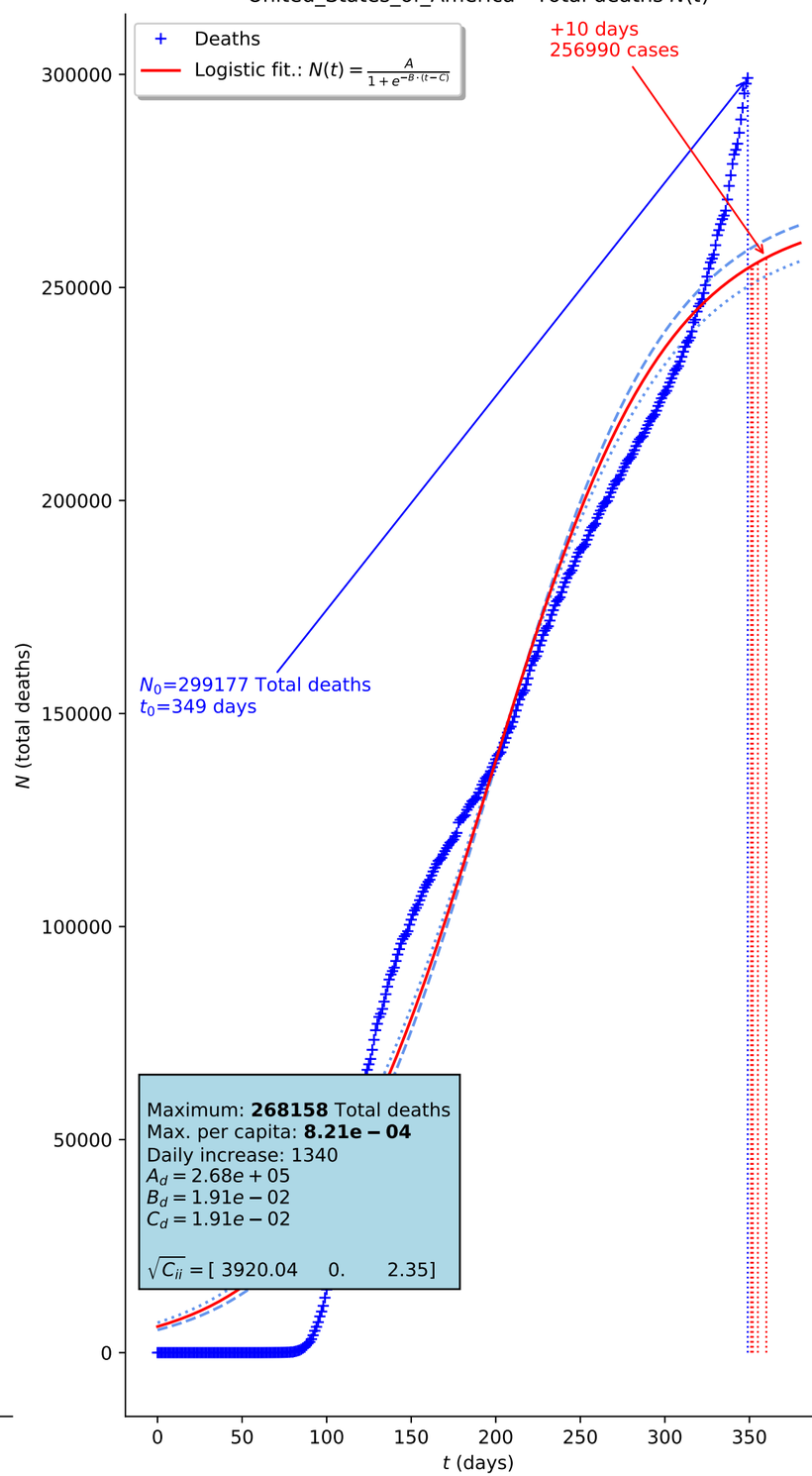
United_States_of_America - Confirmed cases $N(t)$ - Population: 326 687 501 people



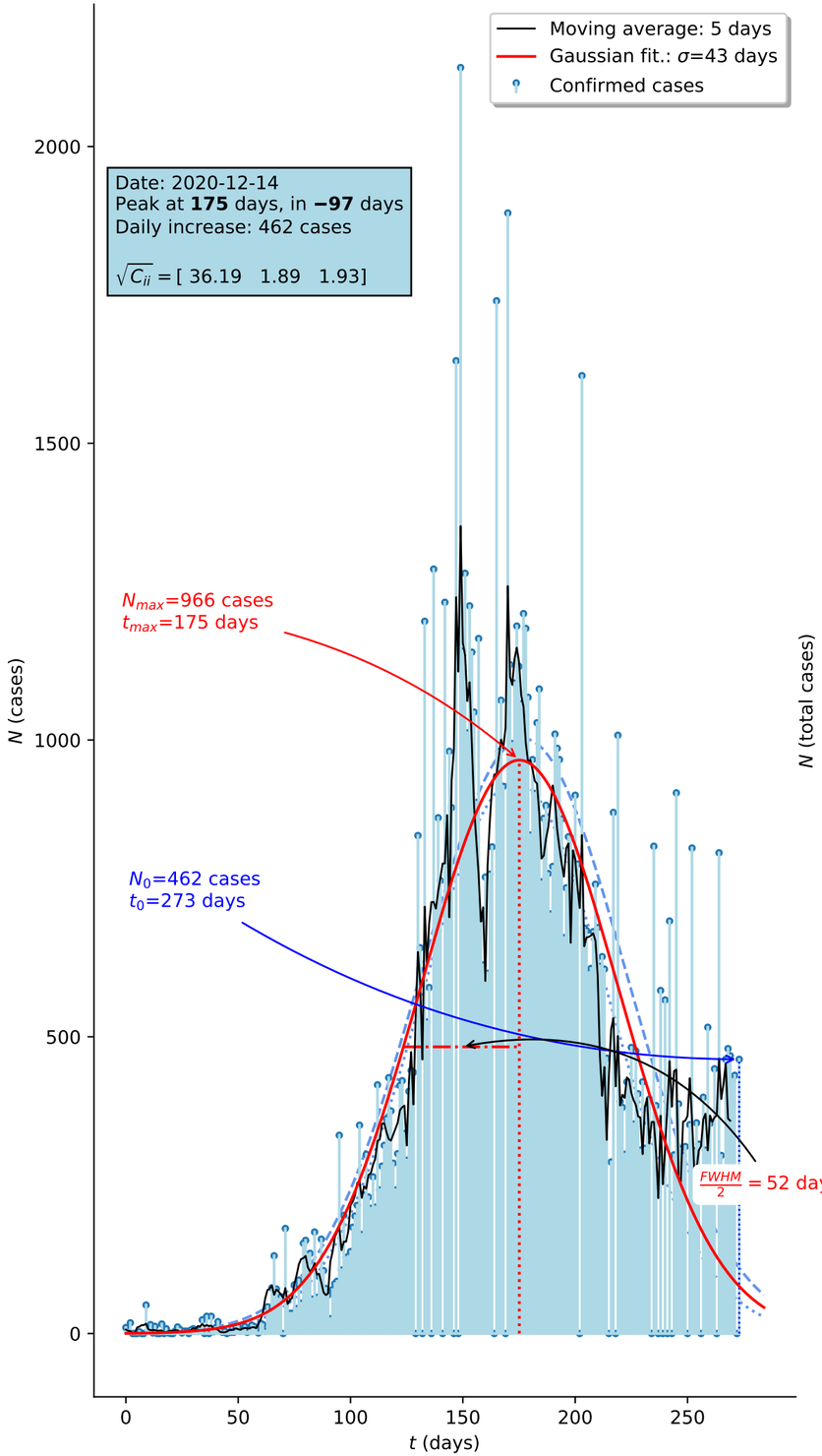
United_States_of_America - Total confirmed cases $N(t)$



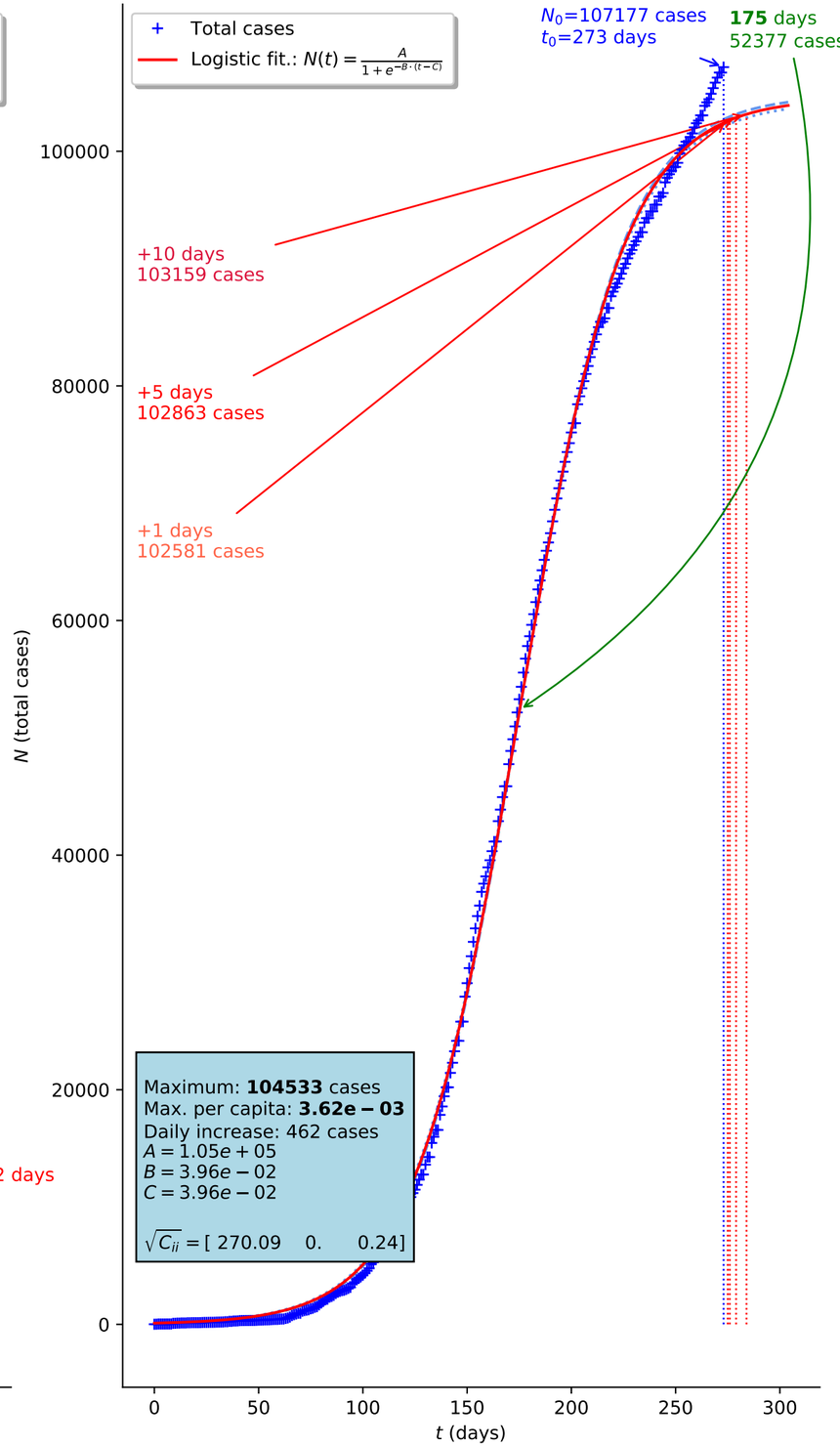
United_States_of_America - Total deaths $N(t)$



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



Venezuela - Total confirmed cases $N(t)$



Venezuela - Total deaths $N(t)$