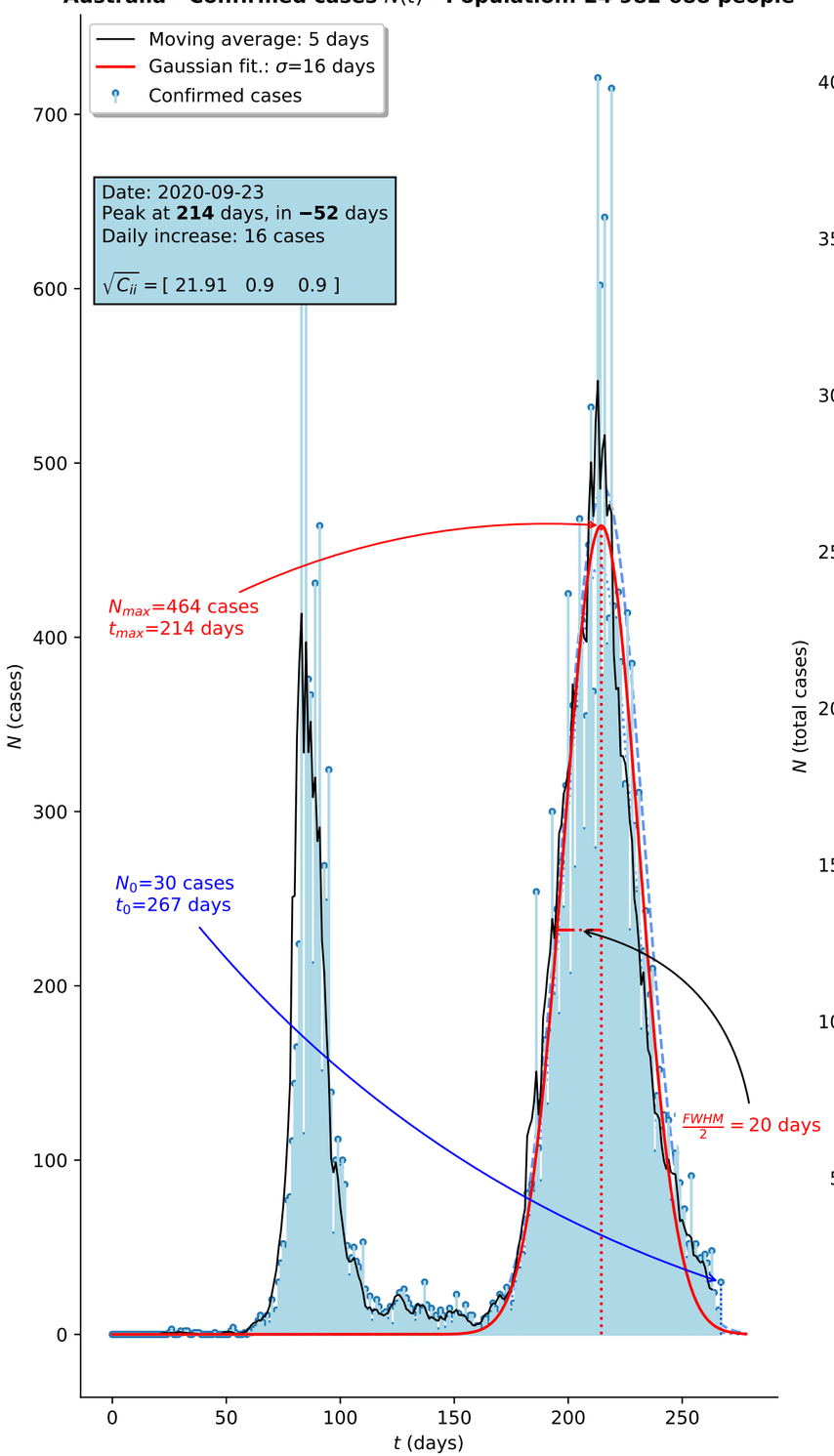
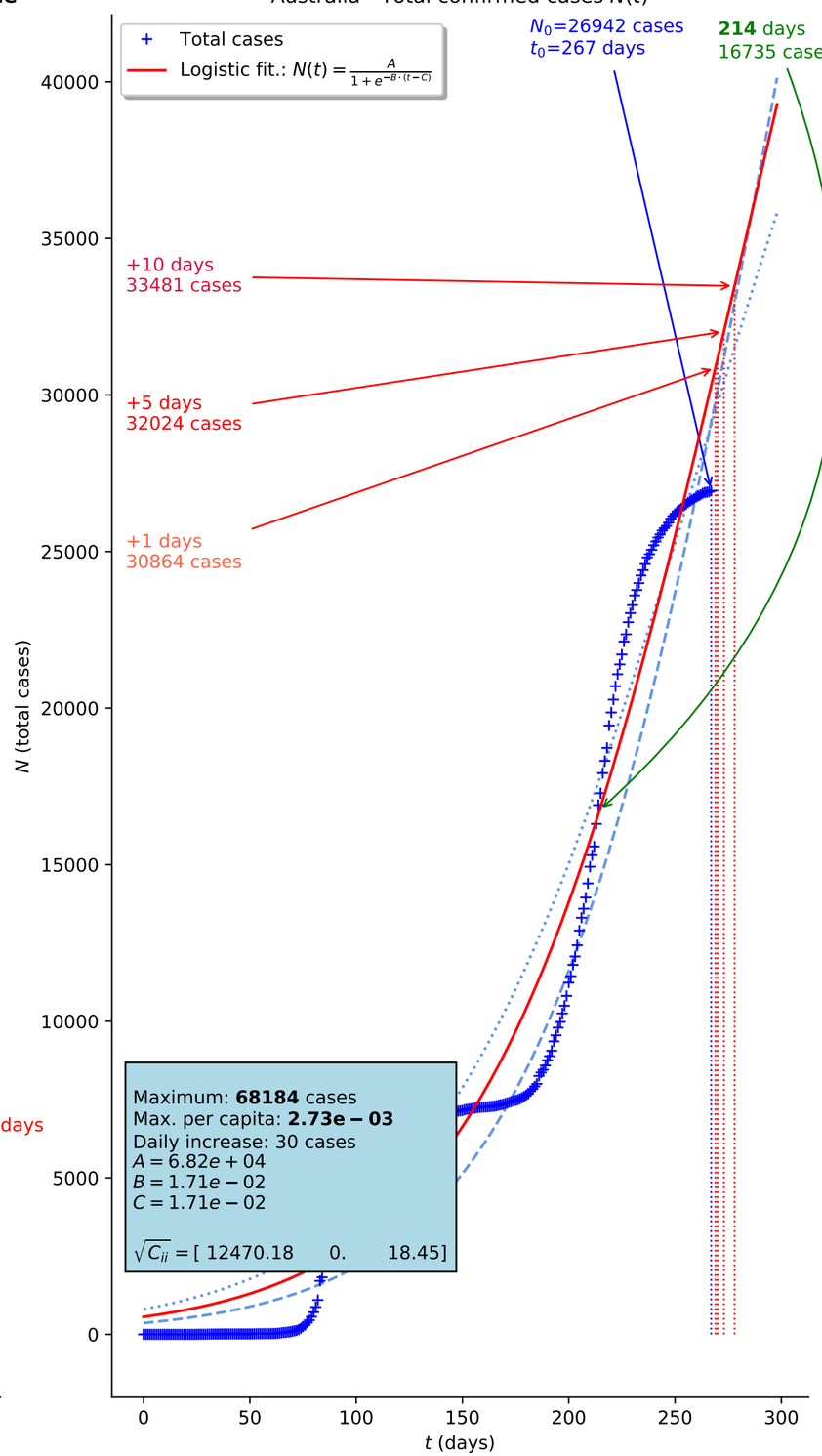
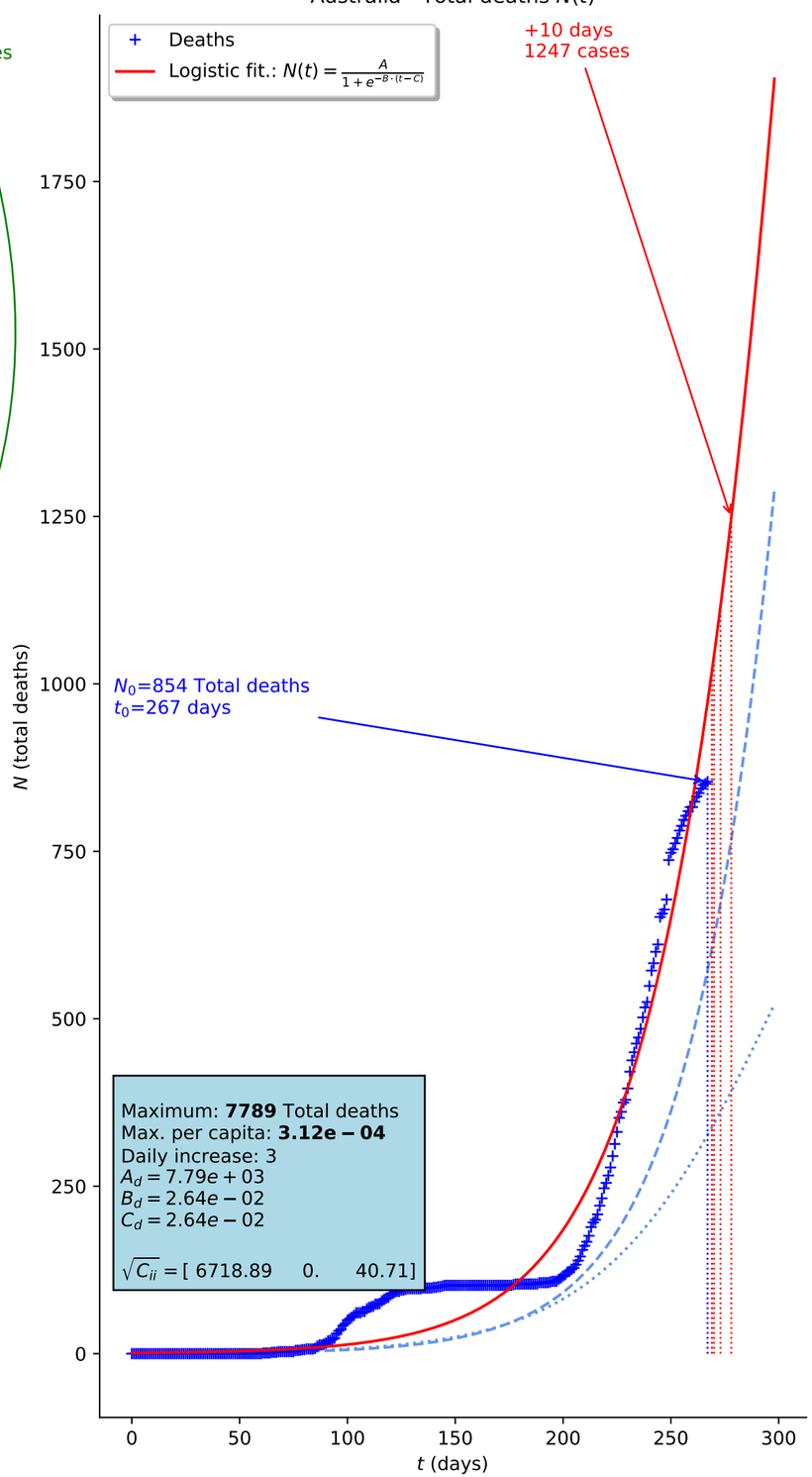
Australia - Confirmed cases $N(t)$ - Population: 24 982 688 people



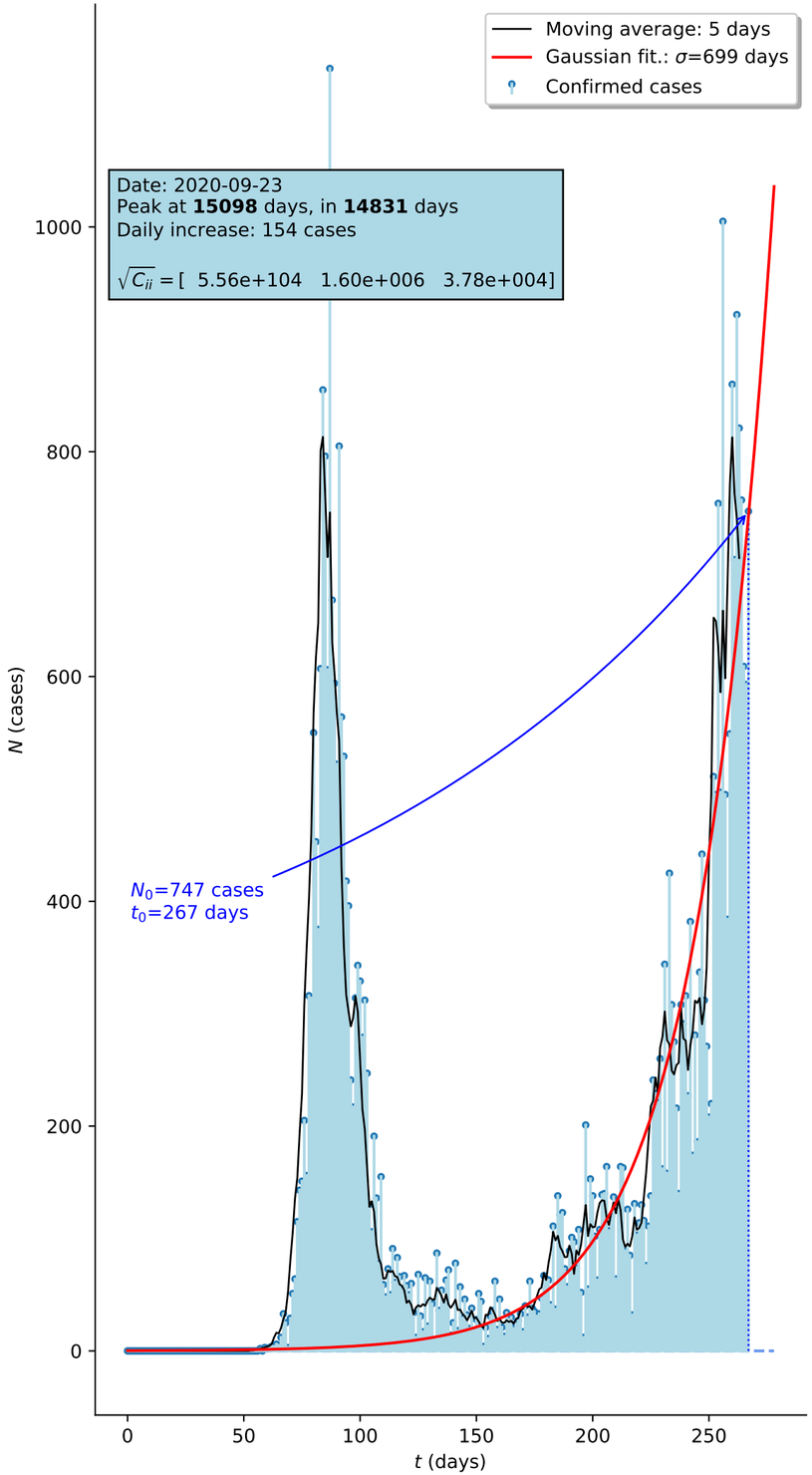
Australia - Total confirmed cases $N(t)$



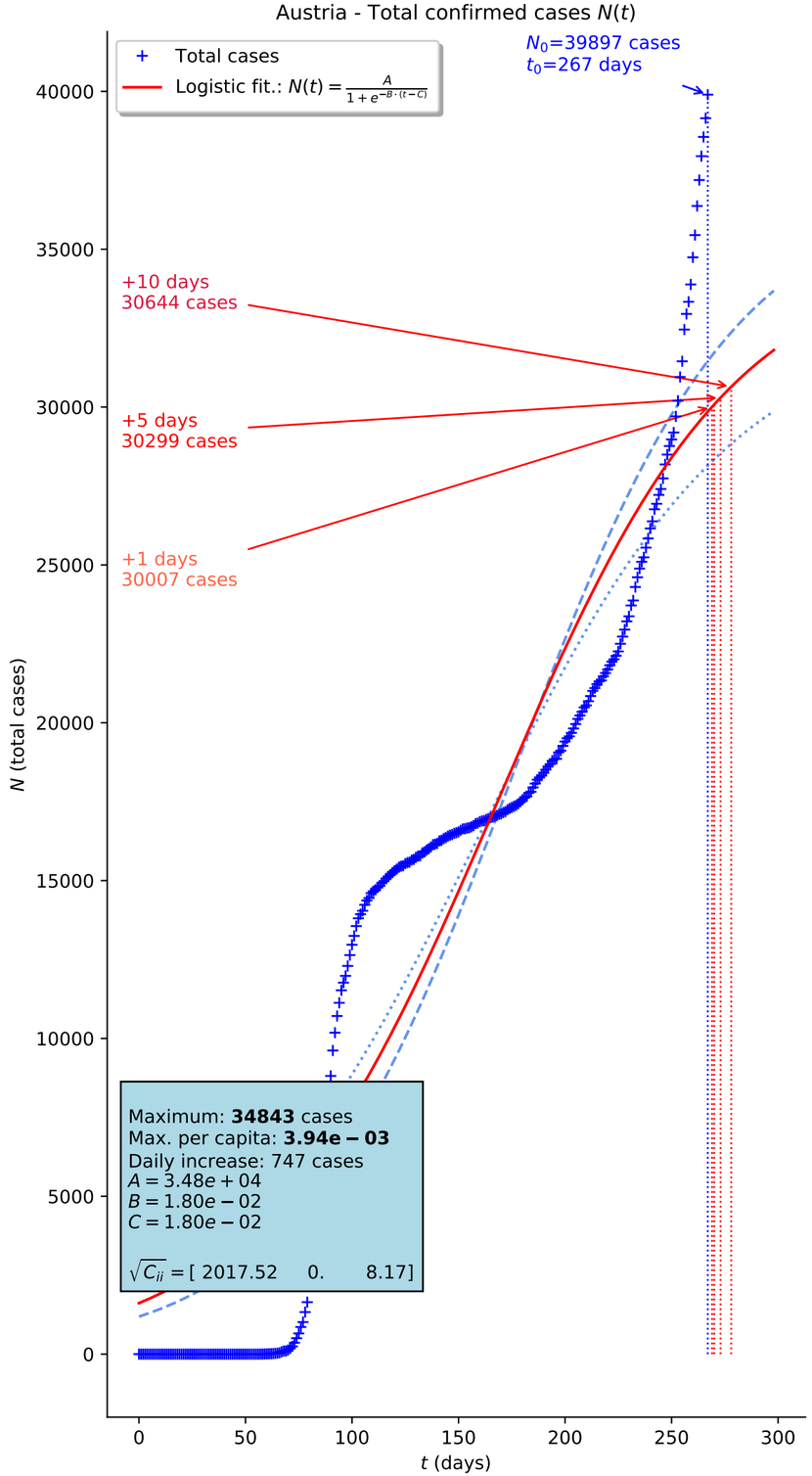
Australia - Total deaths $N(t)$



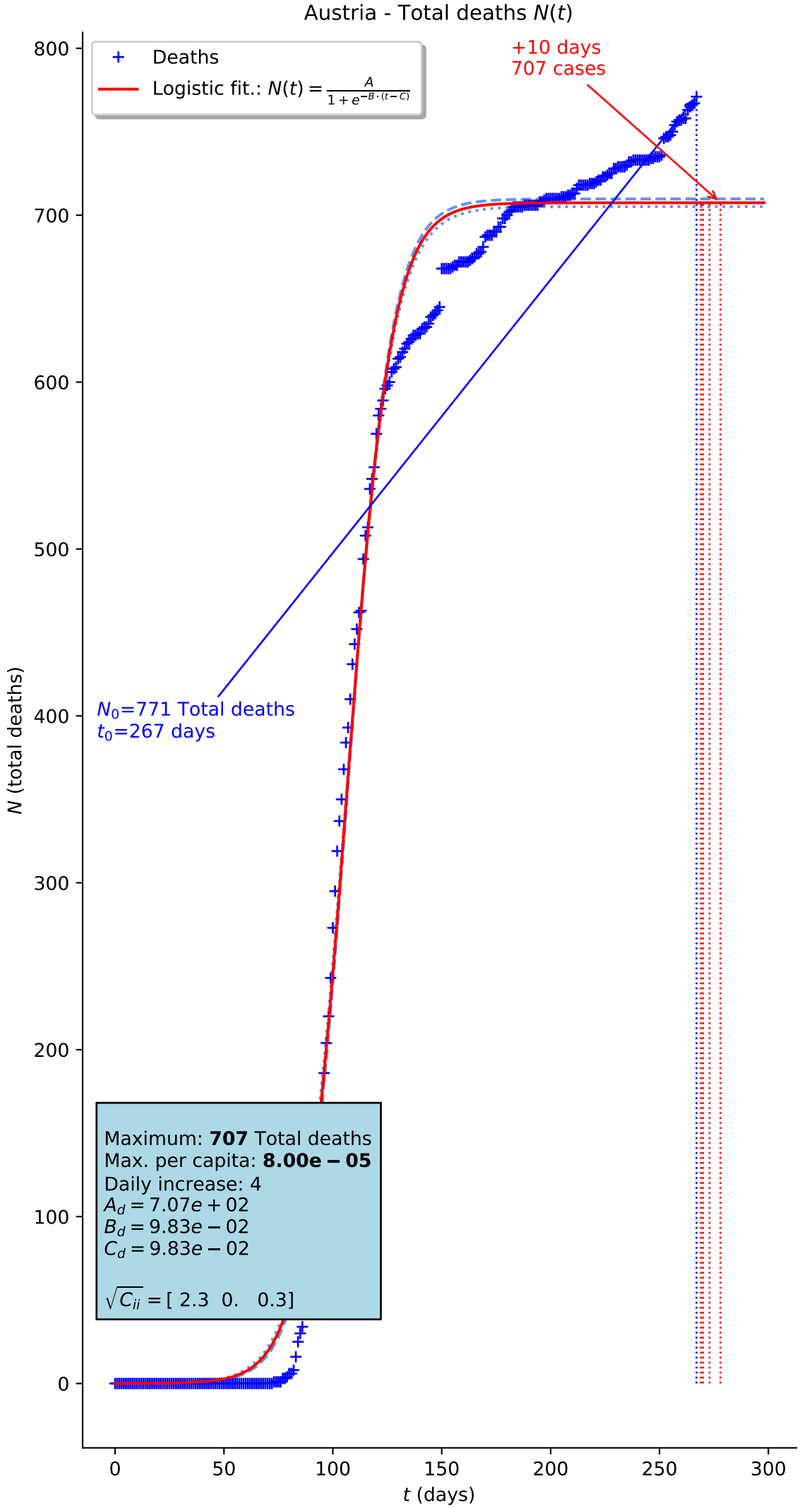
Austria - Confirmed cases $N(t)$ - Population: 8 840 521 people



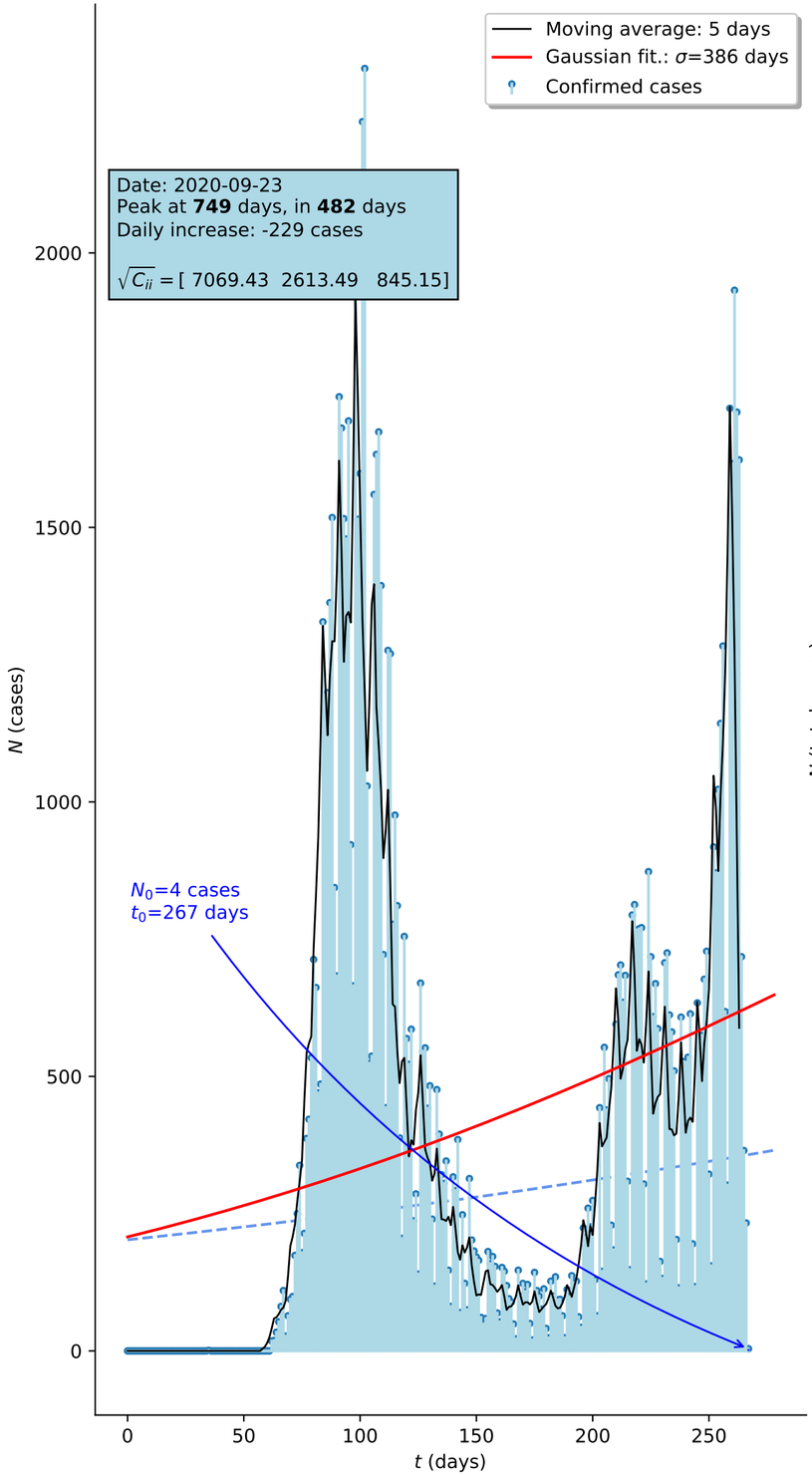
Austria - Total confirmed cases $N(t)$



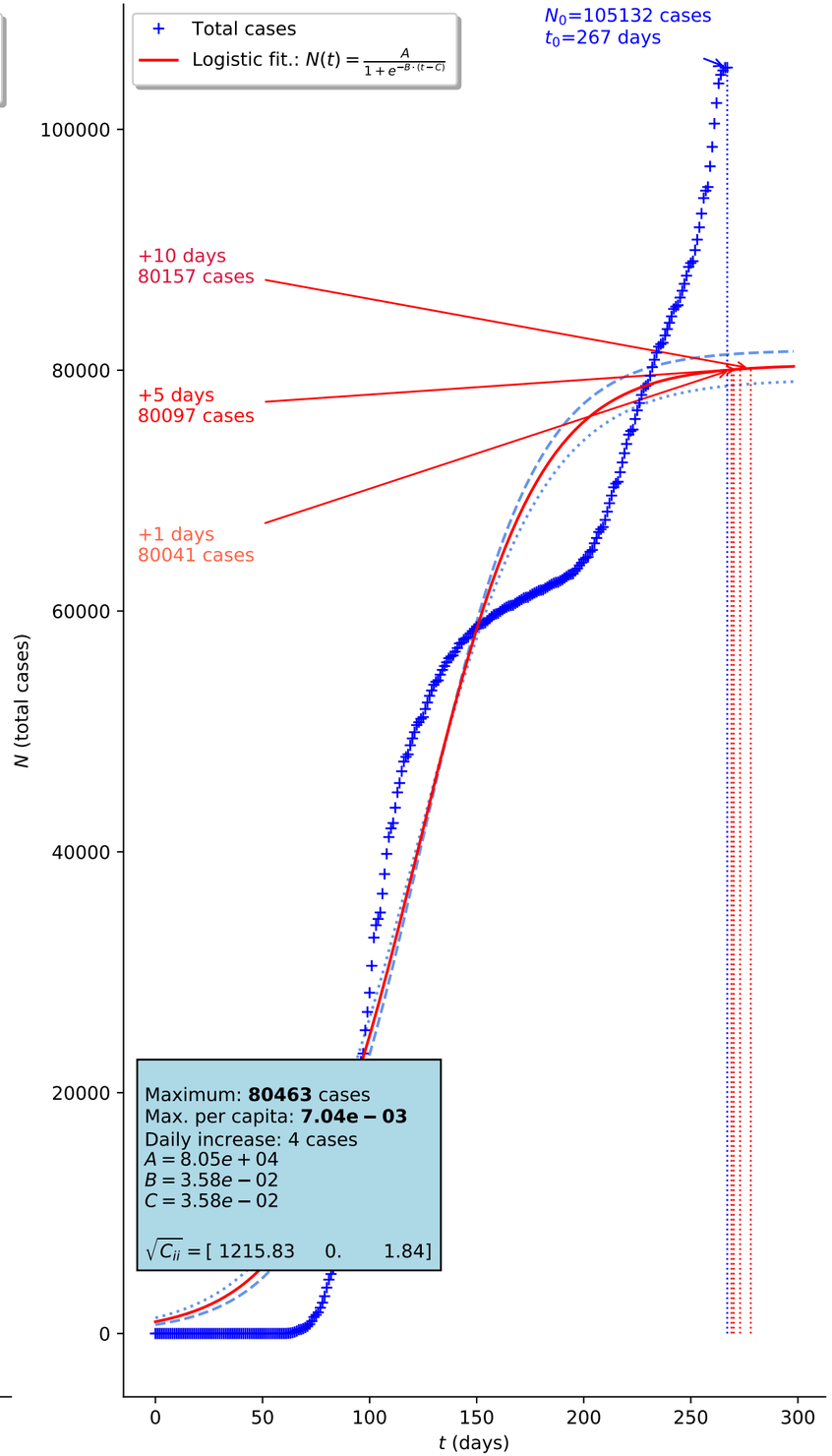
Austria - Total deaths $N(t)$



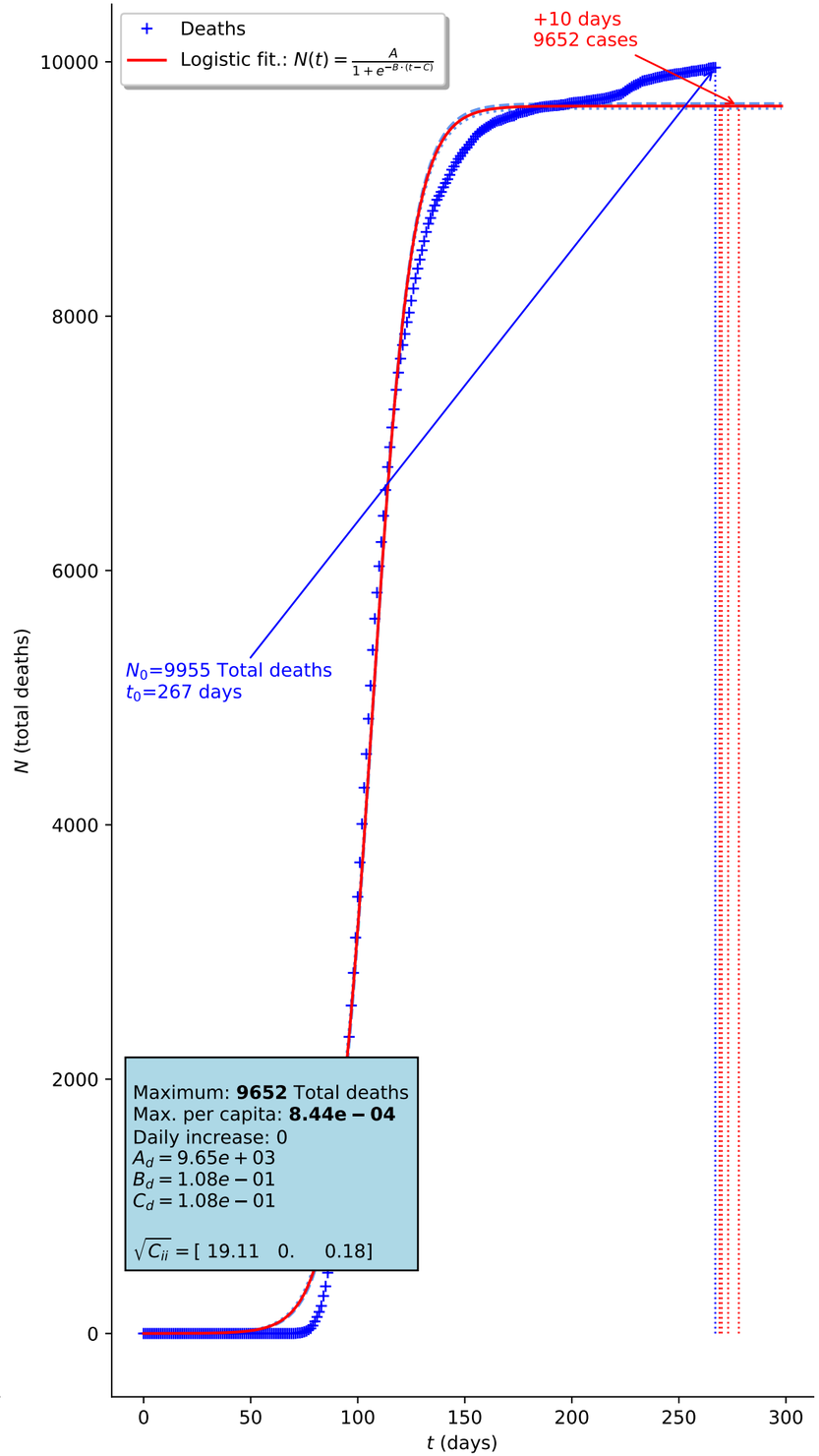
Belgium - Confirmed cases $N(t)$ - Population: 11 433 256 people



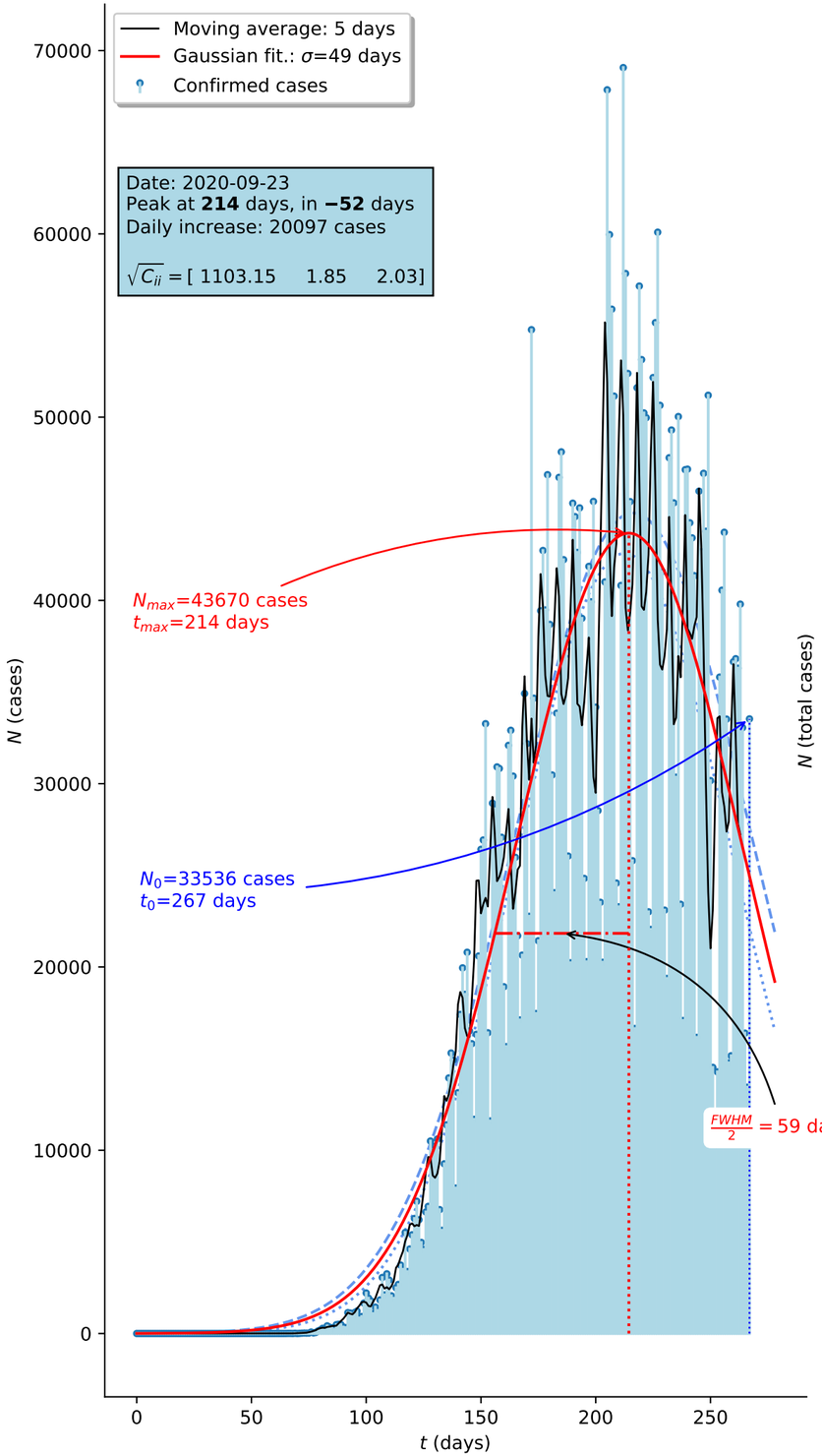
Belgium - Total confirmed cases $N(t)$



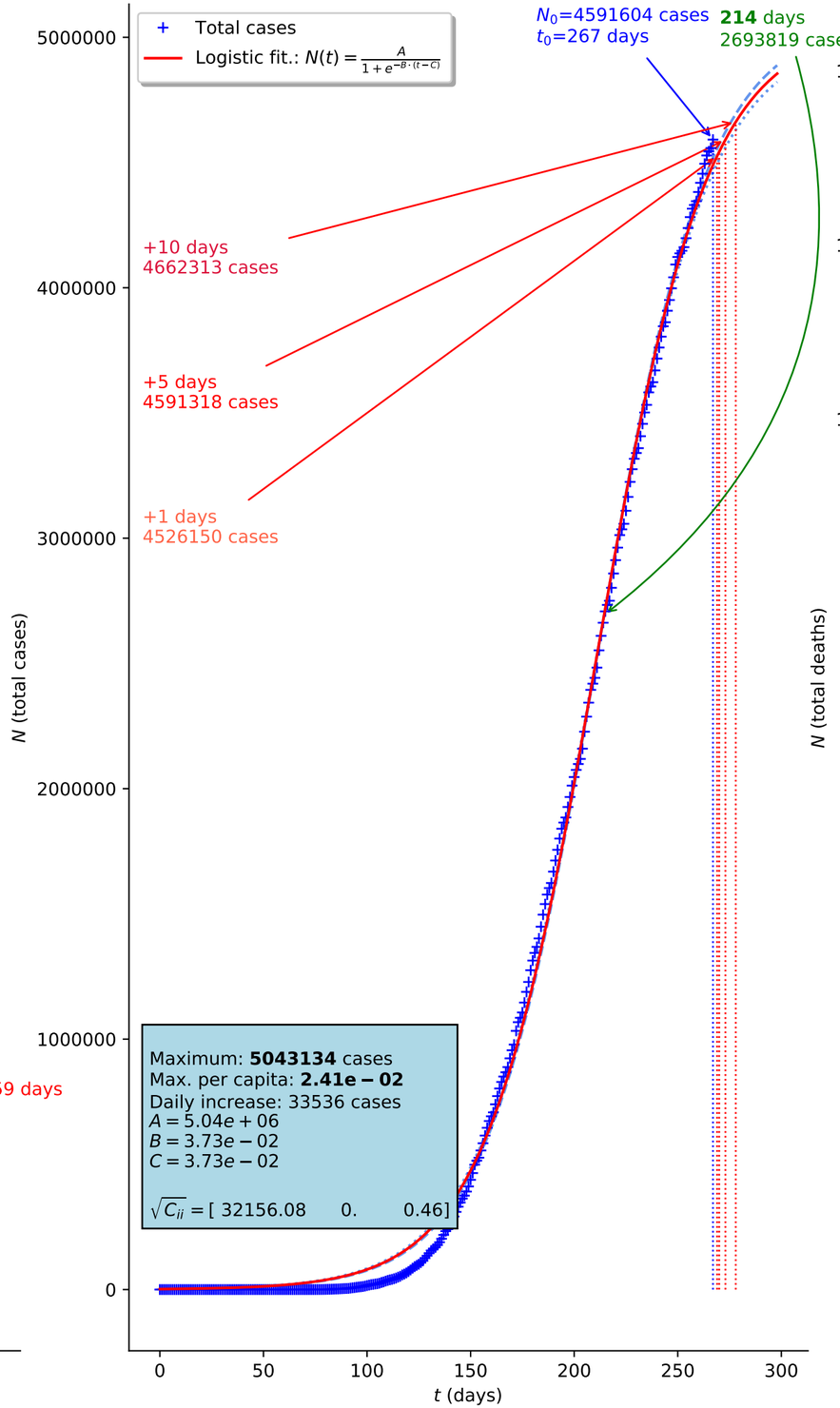
Belgium - Total deaths $N(t)$



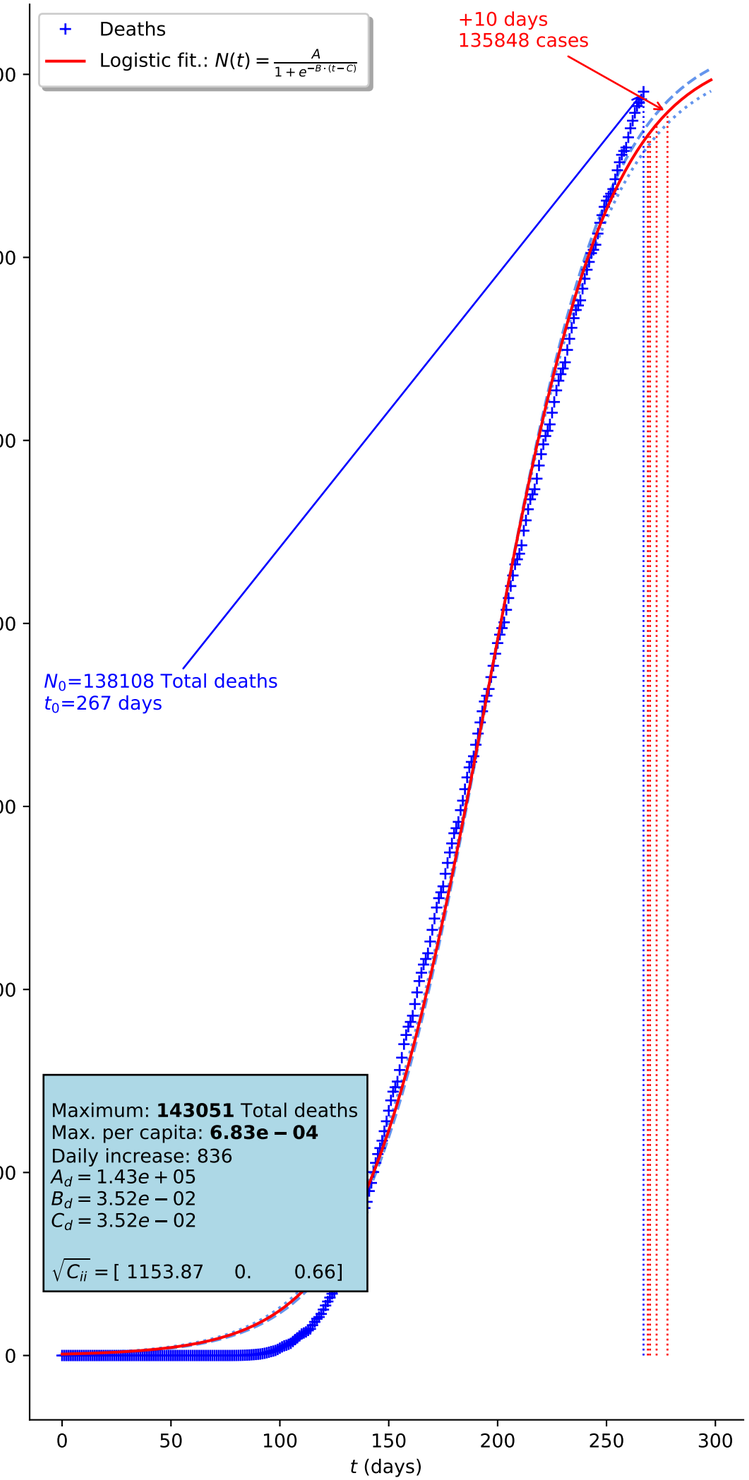
Brazil - Confirmed cases $N(t)$ **- Population: 209 469 333 people**

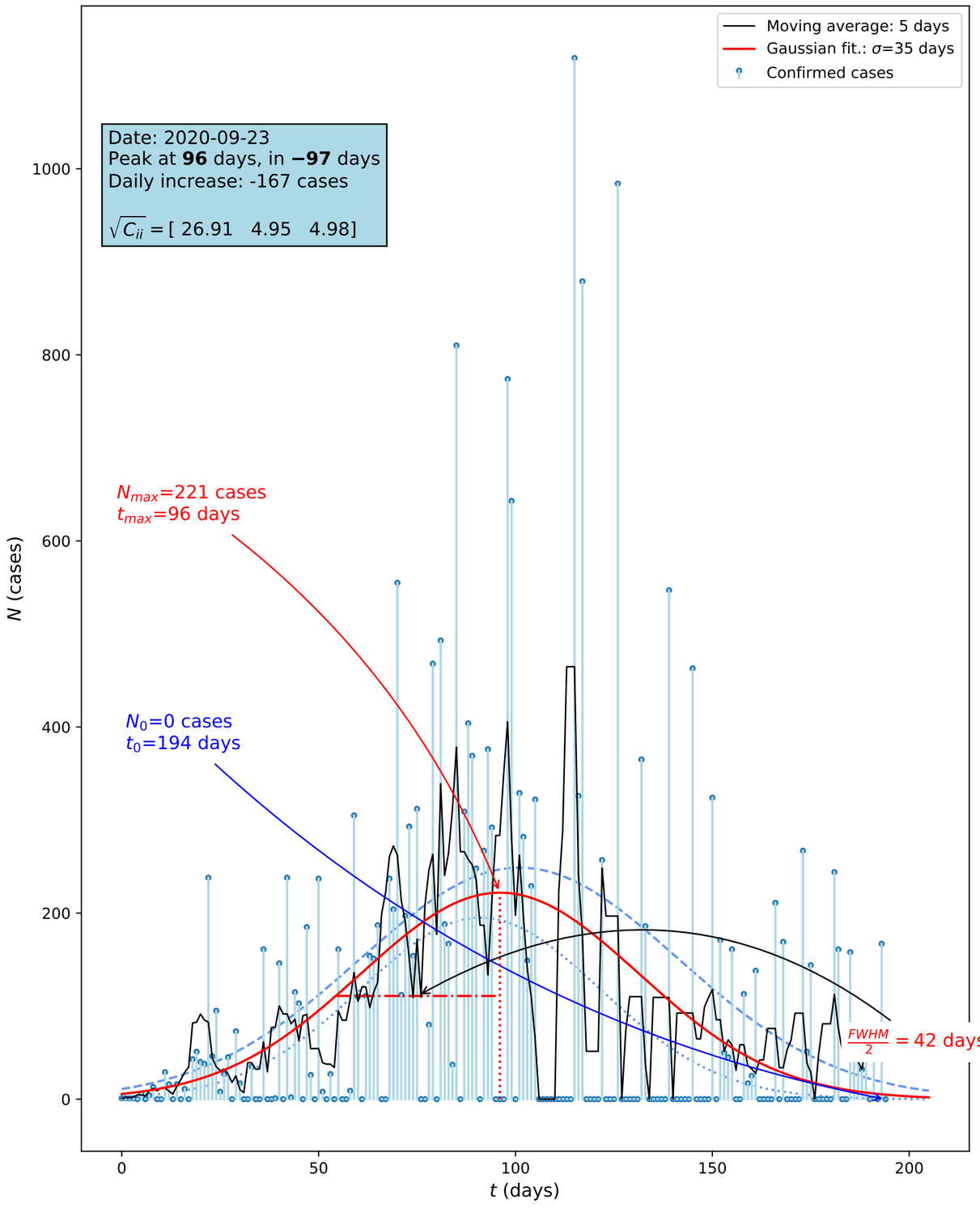


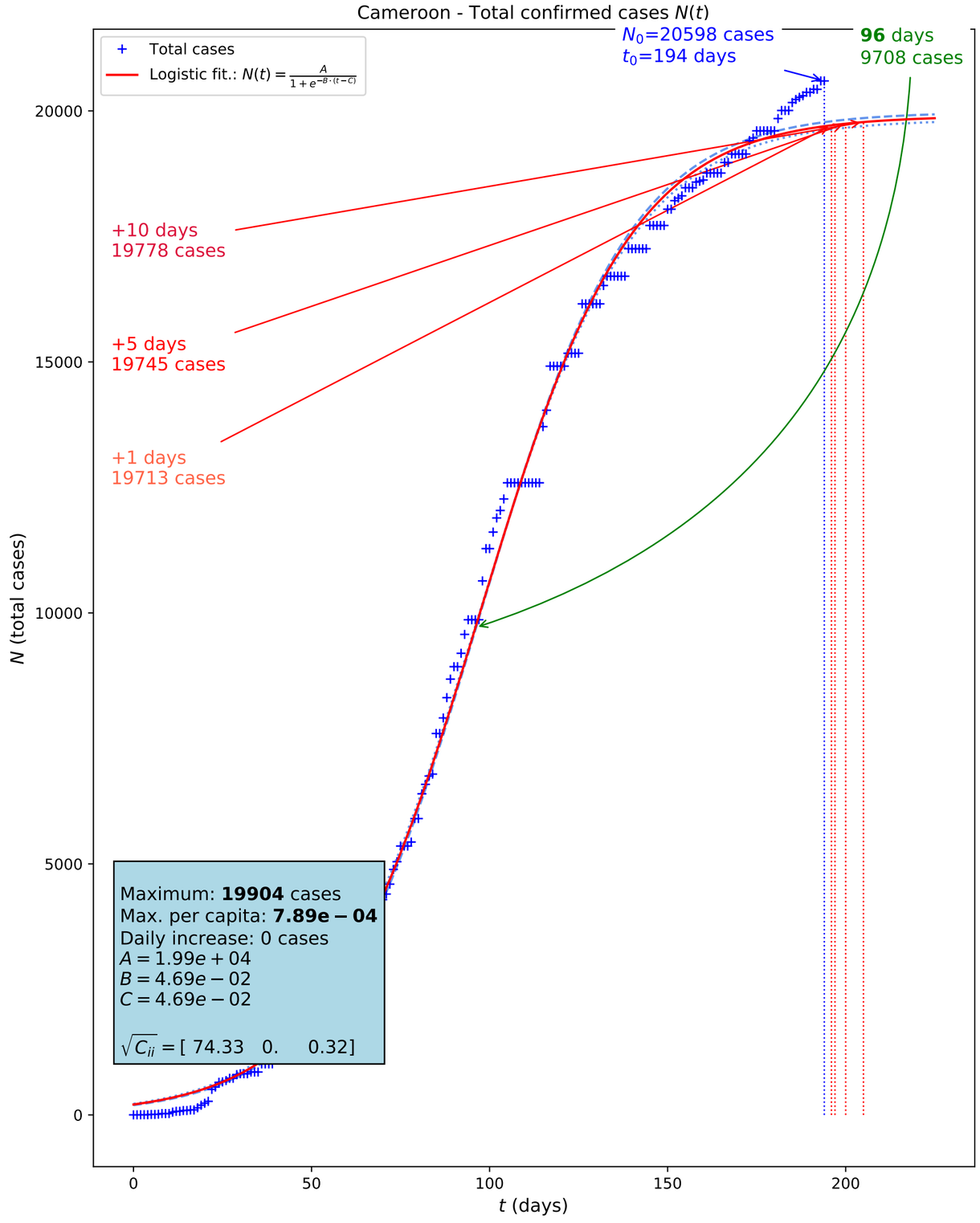
Brazil - Total confirmed cases $N(t)$



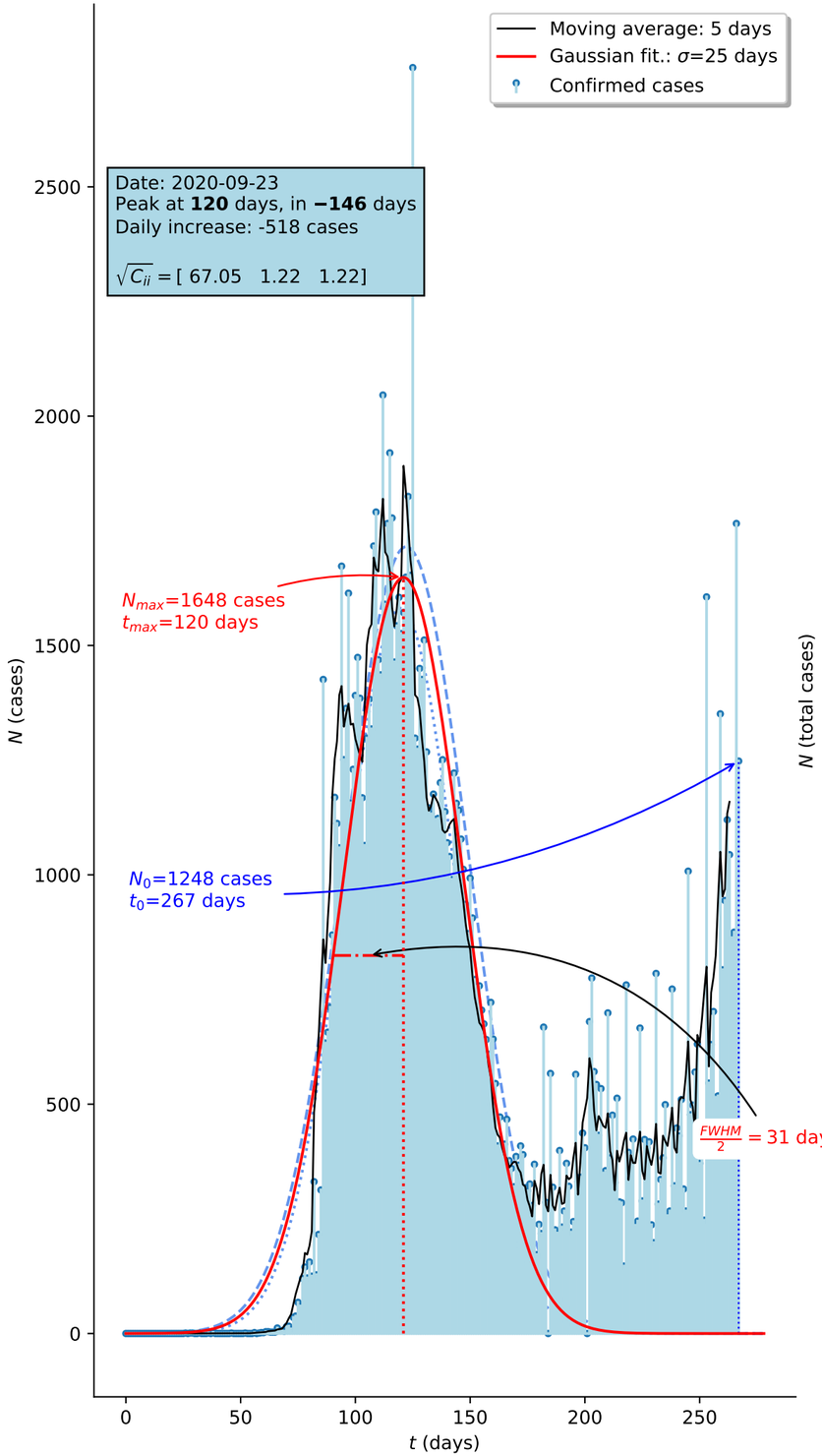
Brazil - Total deaths $N(t)$



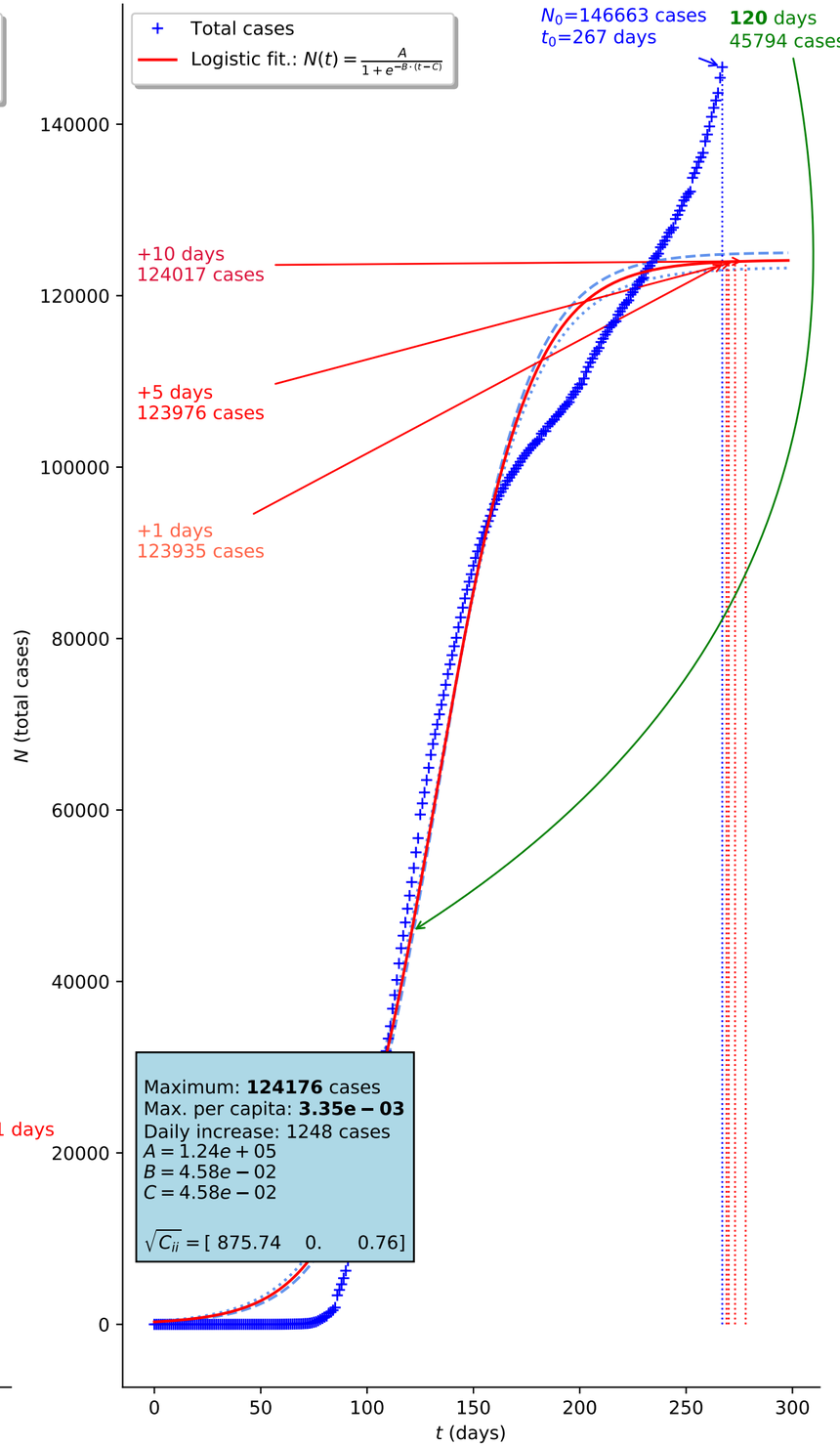

Cameroon - Confirmed cases $N(t)$ - Population: 25 216 237 people
Moving average: 5 days
Gaussian fit.: σ=35 days
Confirmed cases
Date: 2020-09-23
Peak at **96** days, in **−97** days
Daily increase: -167 cases
$\sqrt{C_{ii}}$ = [26.91 4.95 4.98]
N_{max}=221 cases
t_{max}=96 days
N_0=0 cases
t_0=194 days
$\frac{FWHM}{2}$ = 42 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=20598 cases
t_0=194 days
96 days
9708 cases
+10 days
19778 cases
+5 days
19745 cases
+1 days
19713 cases
Maximum: **19904** cases
Max. per capita: **7.89e − 04**
Daily increase: 0 cases
$A = 1.99e+04$
$B = 4.69e-02$
$C = 4.69e-02$
$\sqrt{C_{ii}}$ = [74.33 0. 0.32]
N (total cases)
t (days)

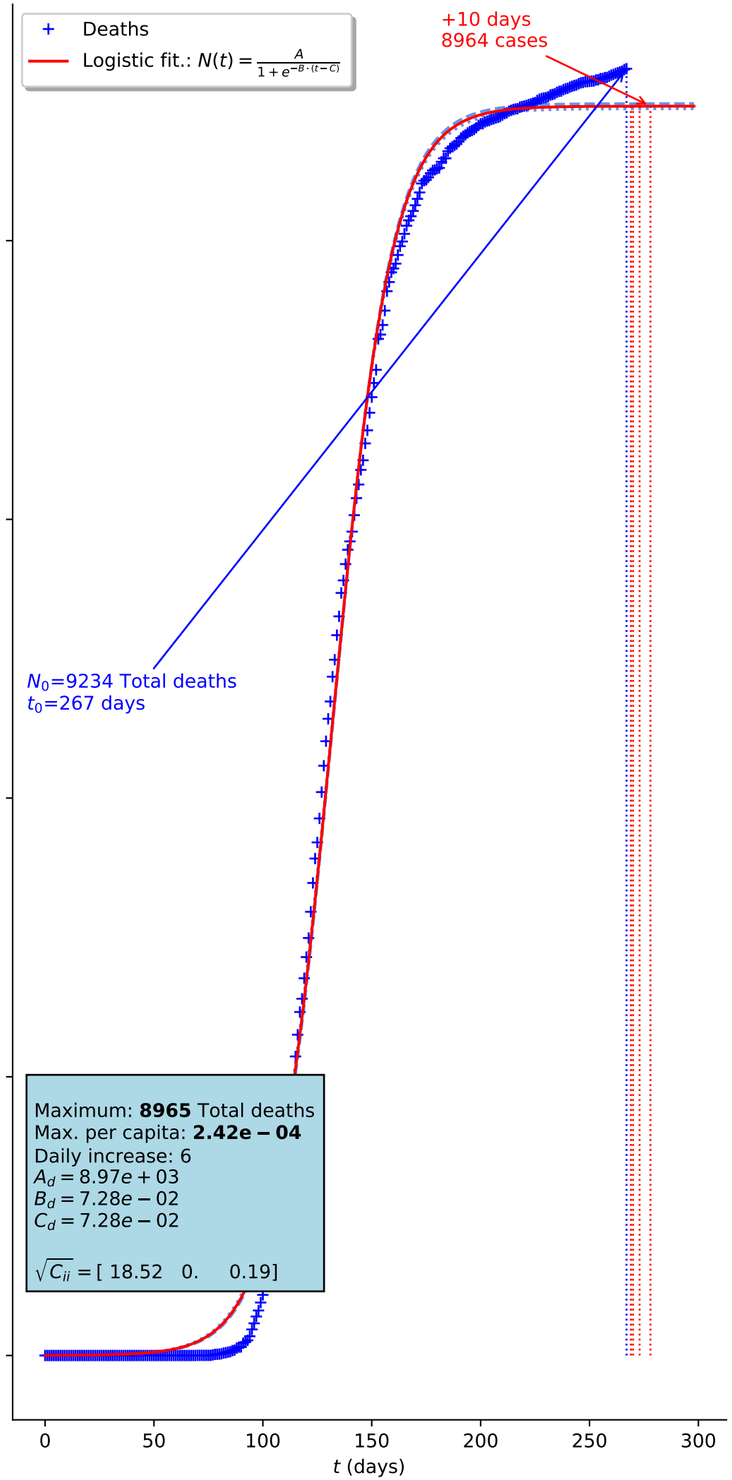
Canada - Confirmed cases $N(t)$ - Population: 37 057 765 people



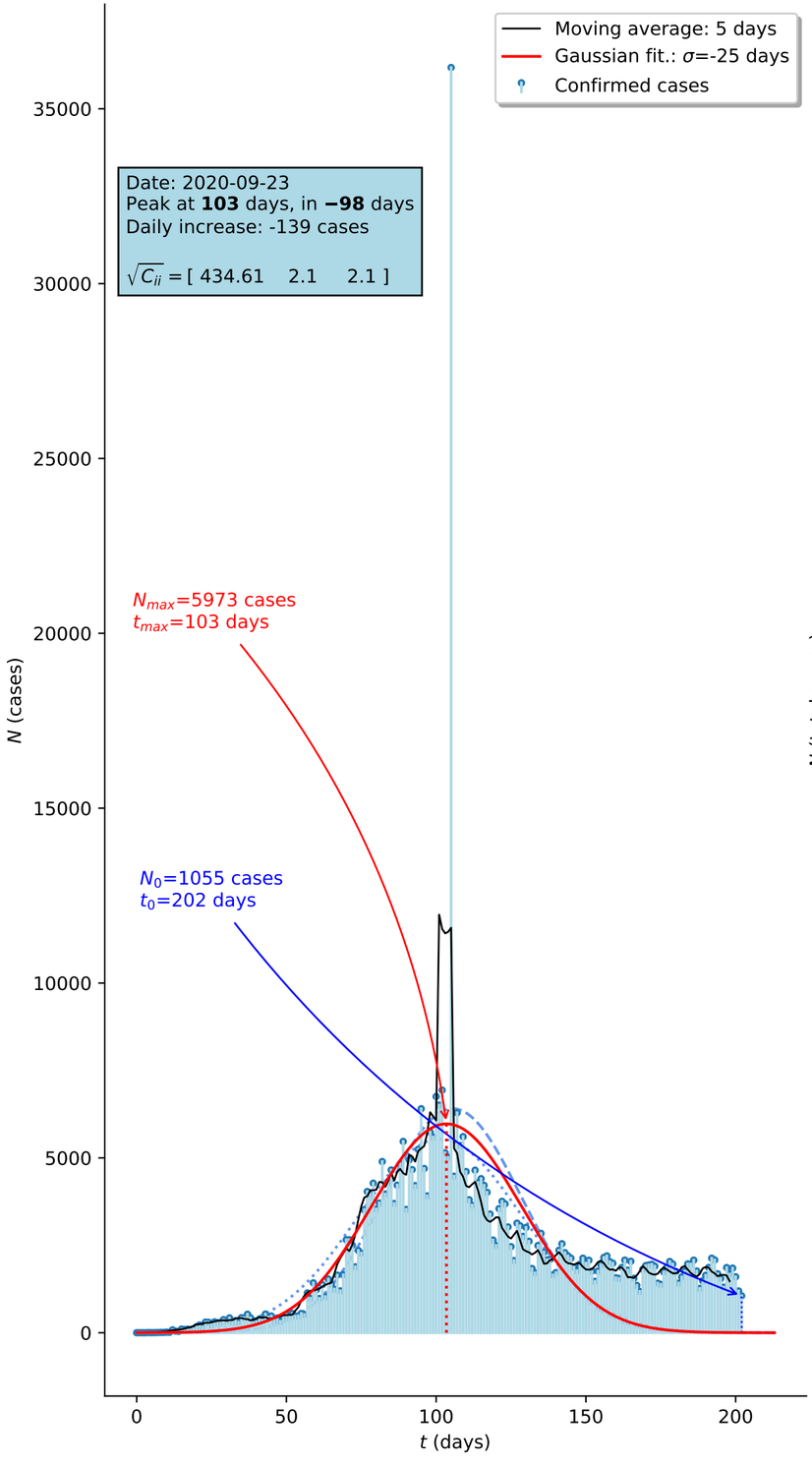
Canada - Total confirmed cases $N(t)$



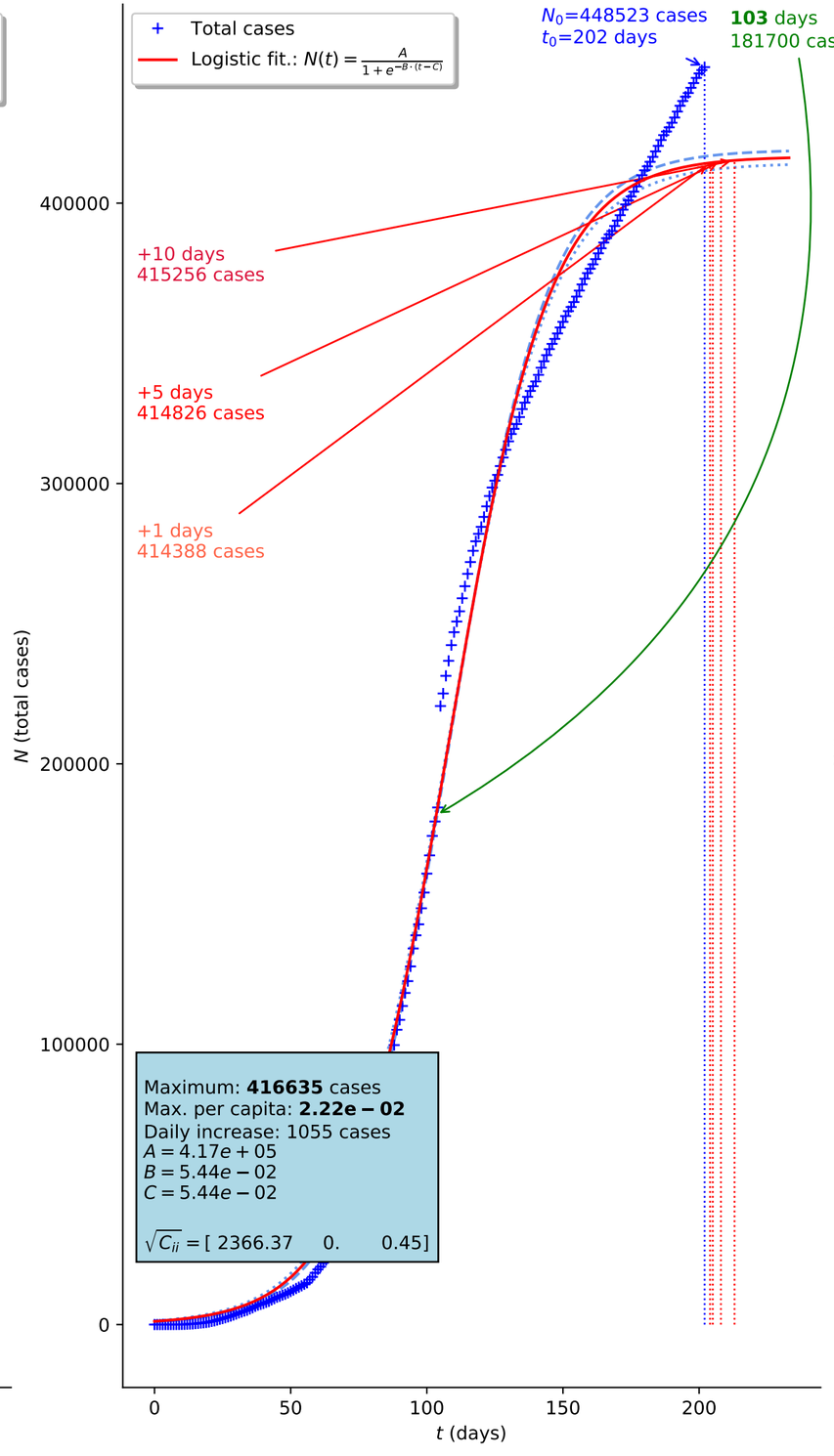
Canada - Total deaths $N(t)$



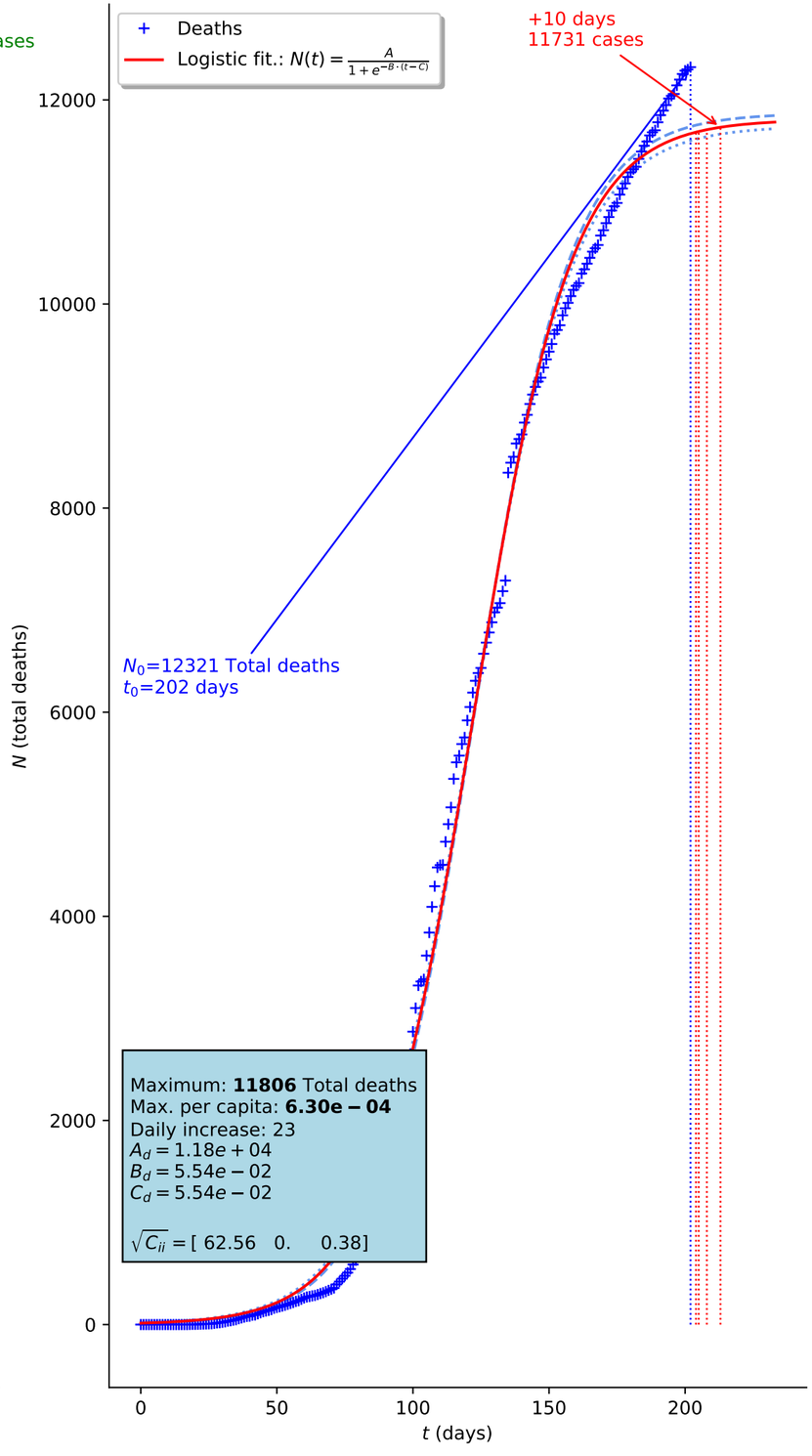
Chile - Confirmed cases $N(t)$ - Population: 18 729 160 people



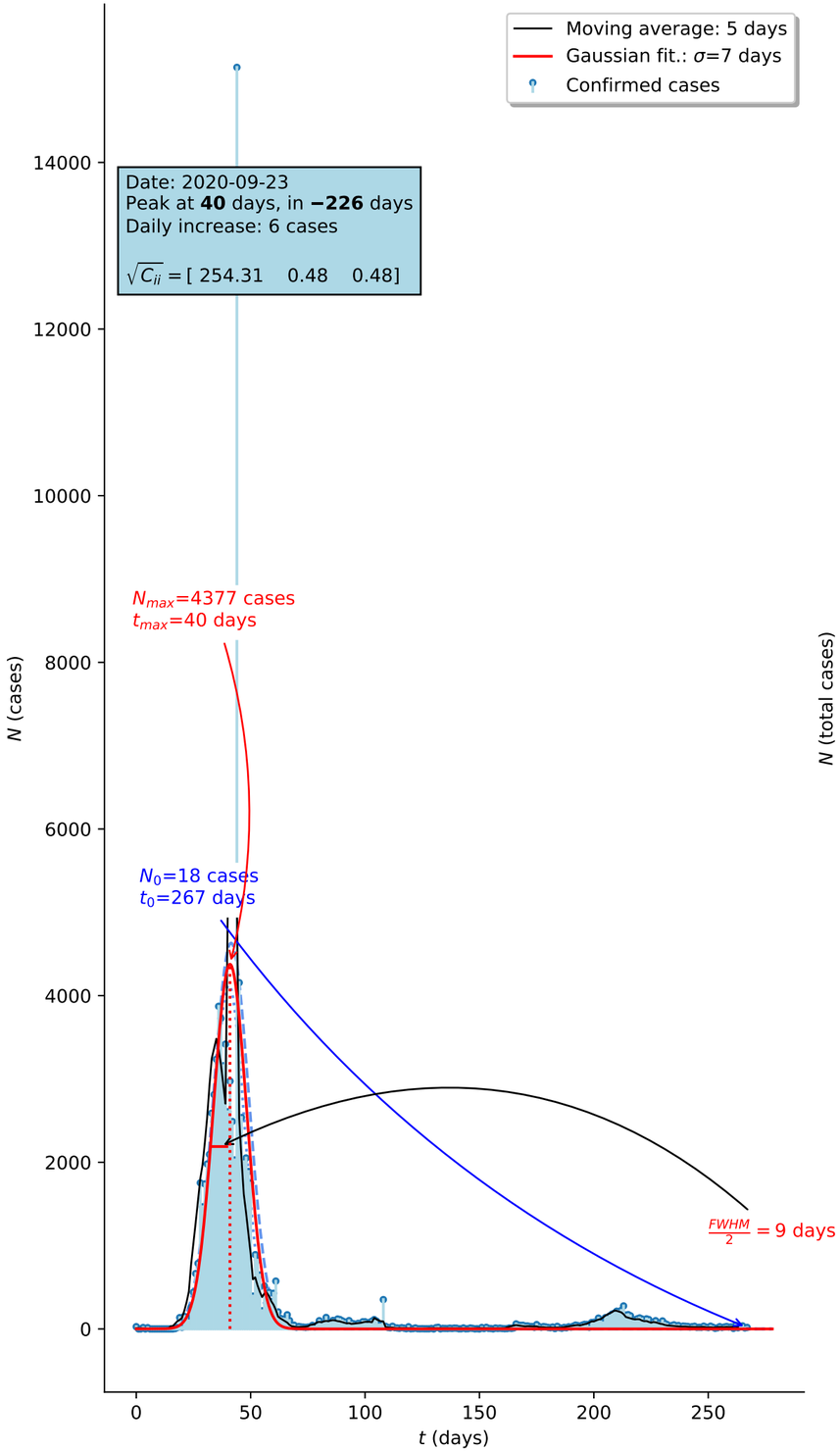
Chile - Total confirmed cases $N(t)$



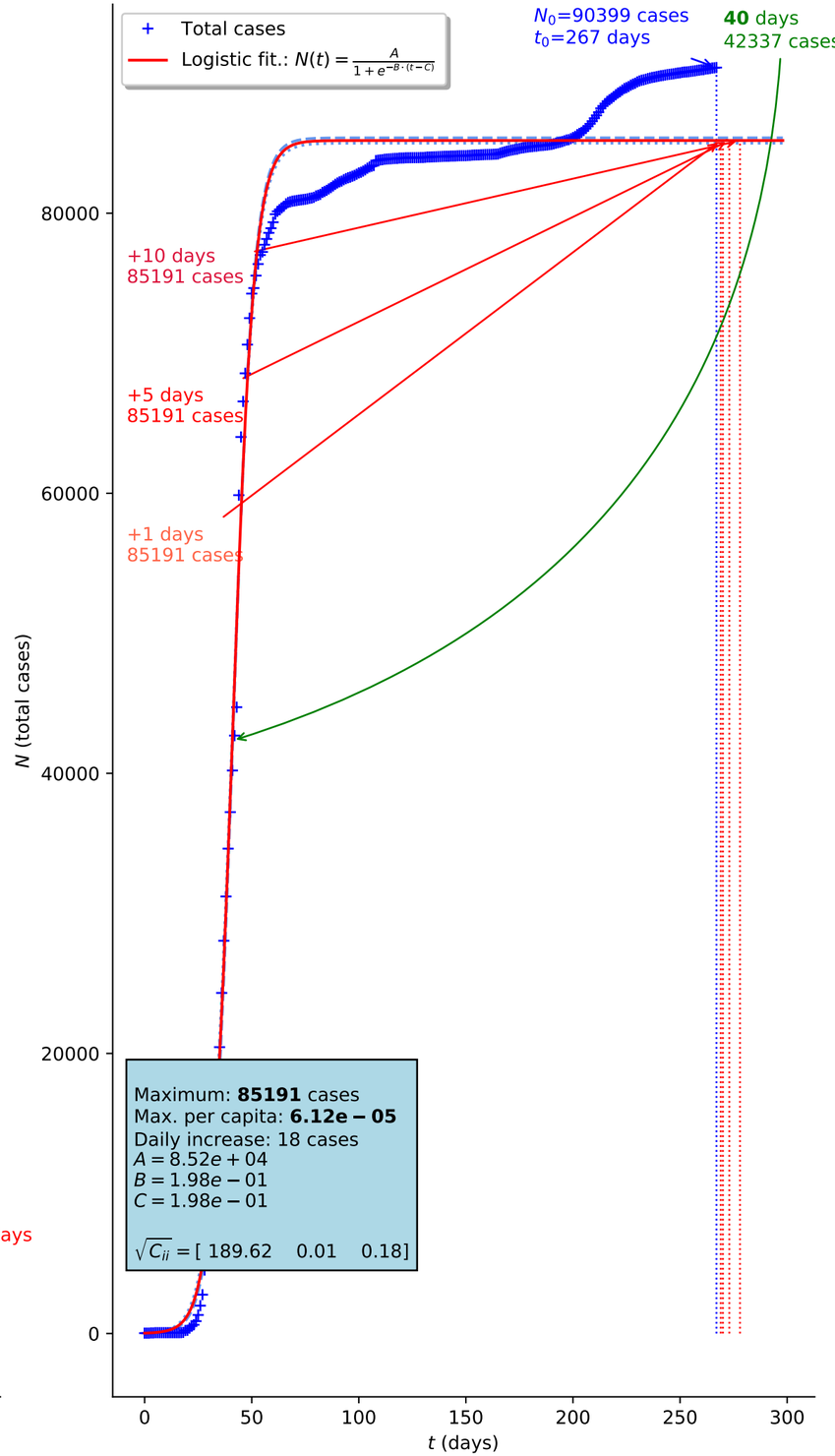
Chile - Total deaths $N(t)$



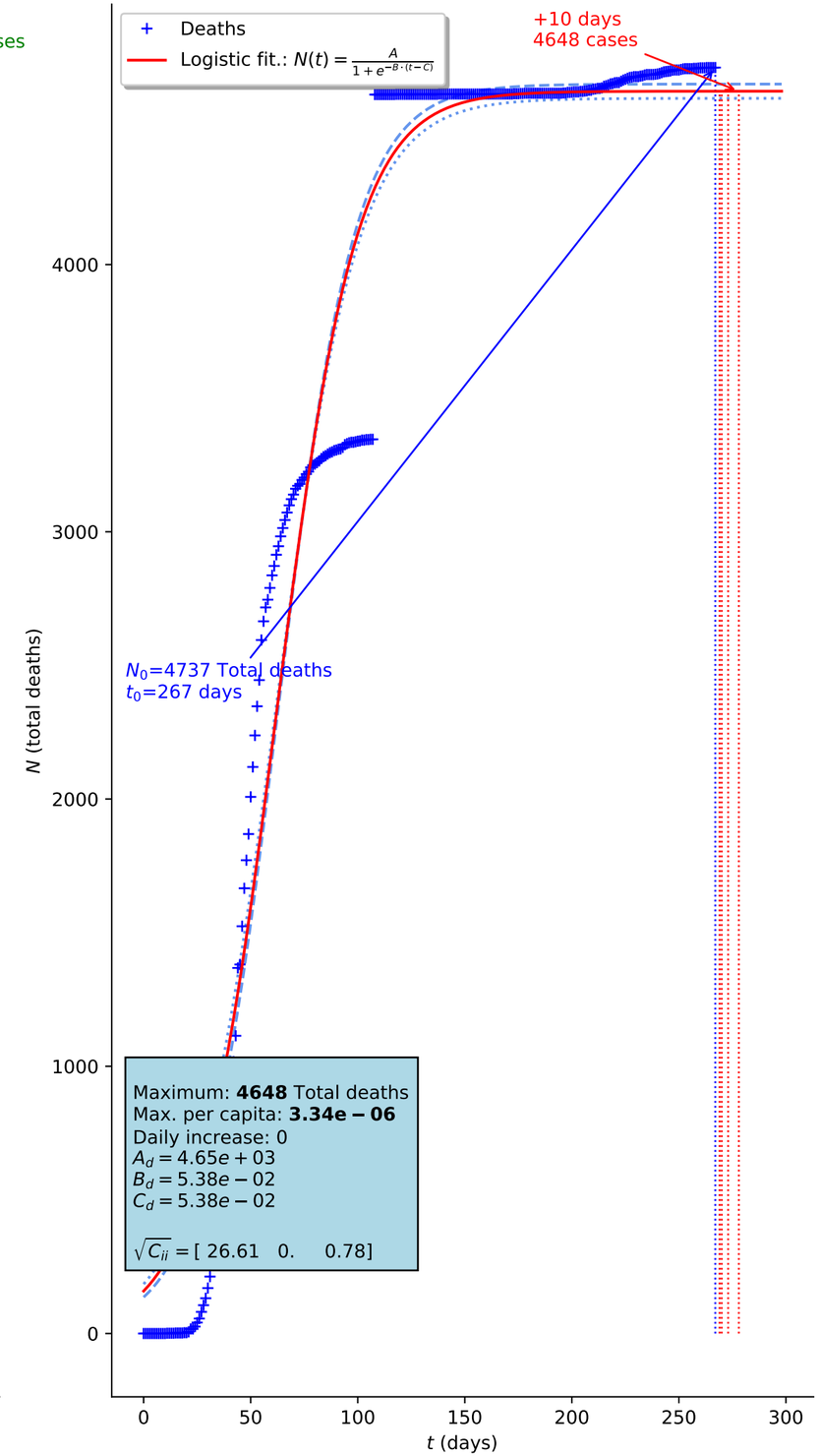
China - Confirmed cases $N(t)$ - Population: 1 392 730 000 people

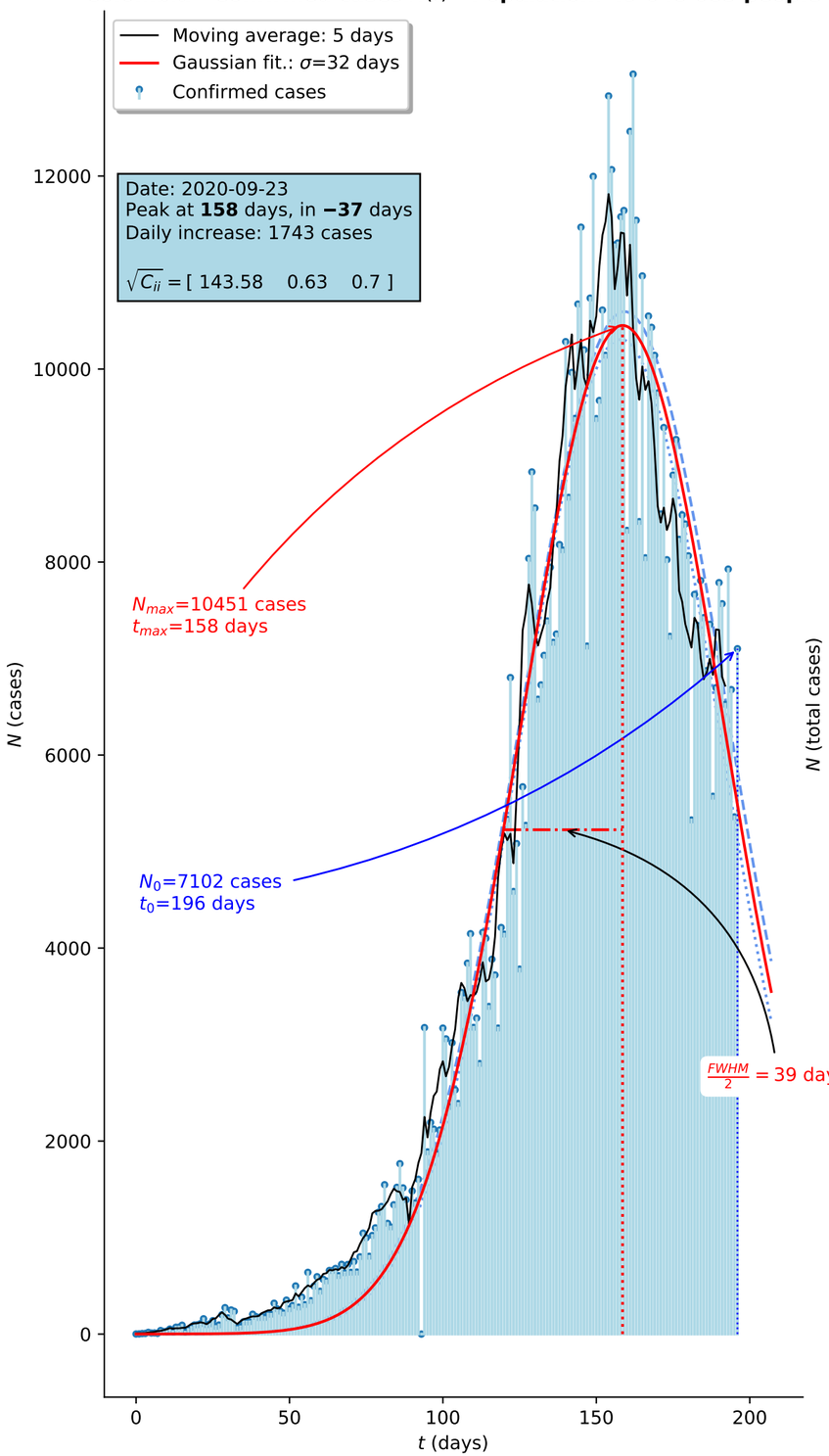


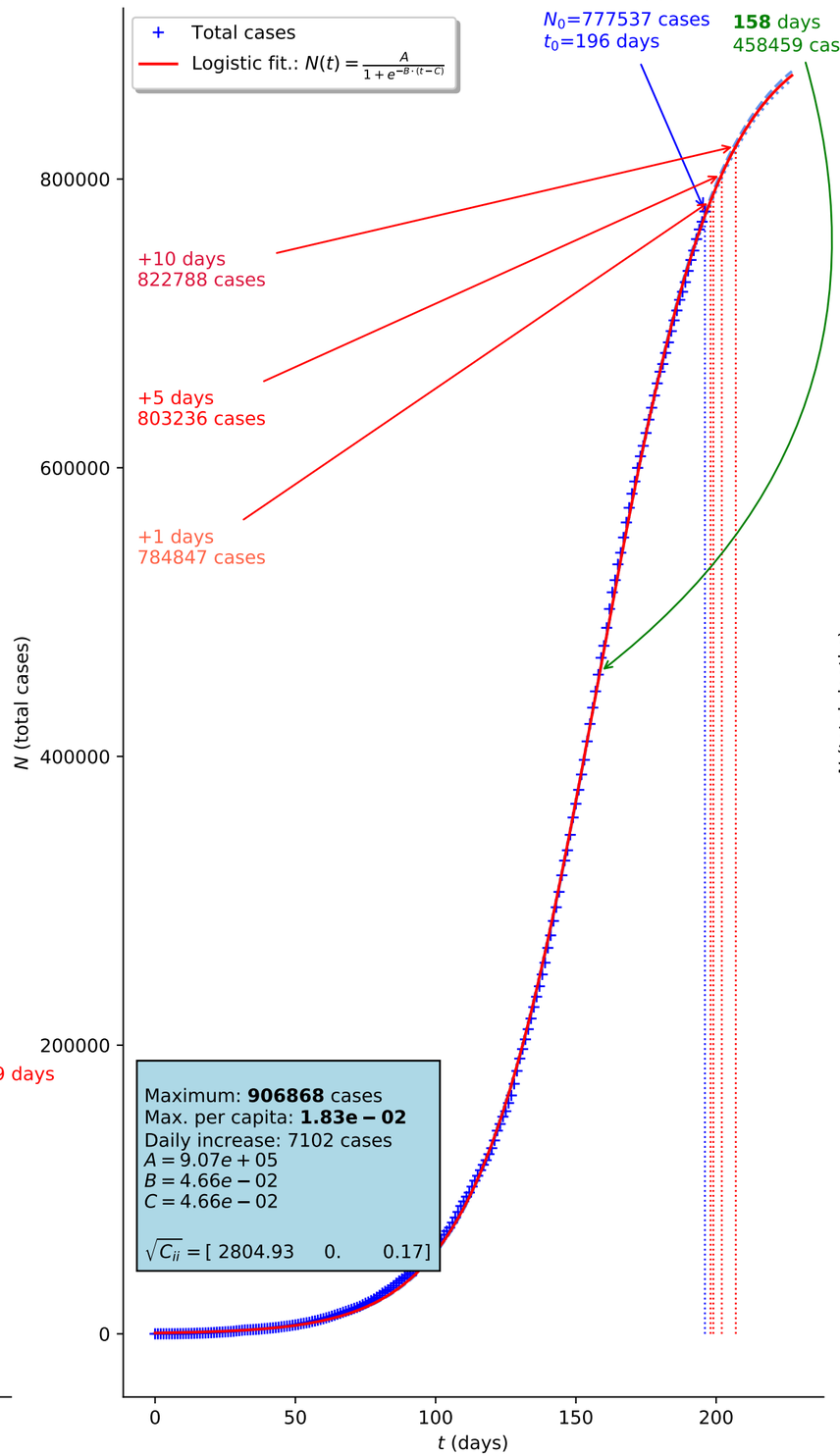
China - Total confirmed cases $N(t)$

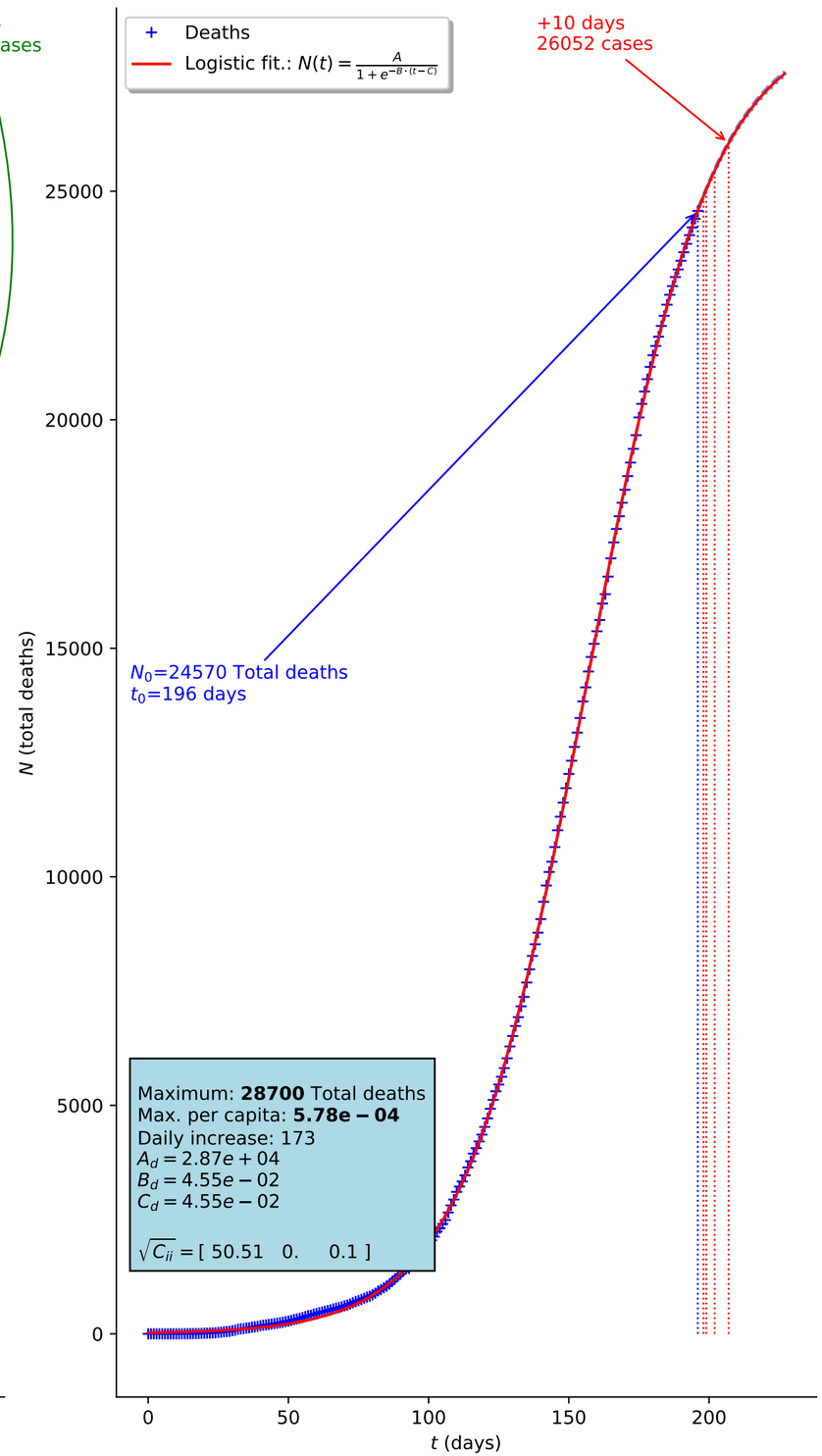


China - Total deaths $N(t)$

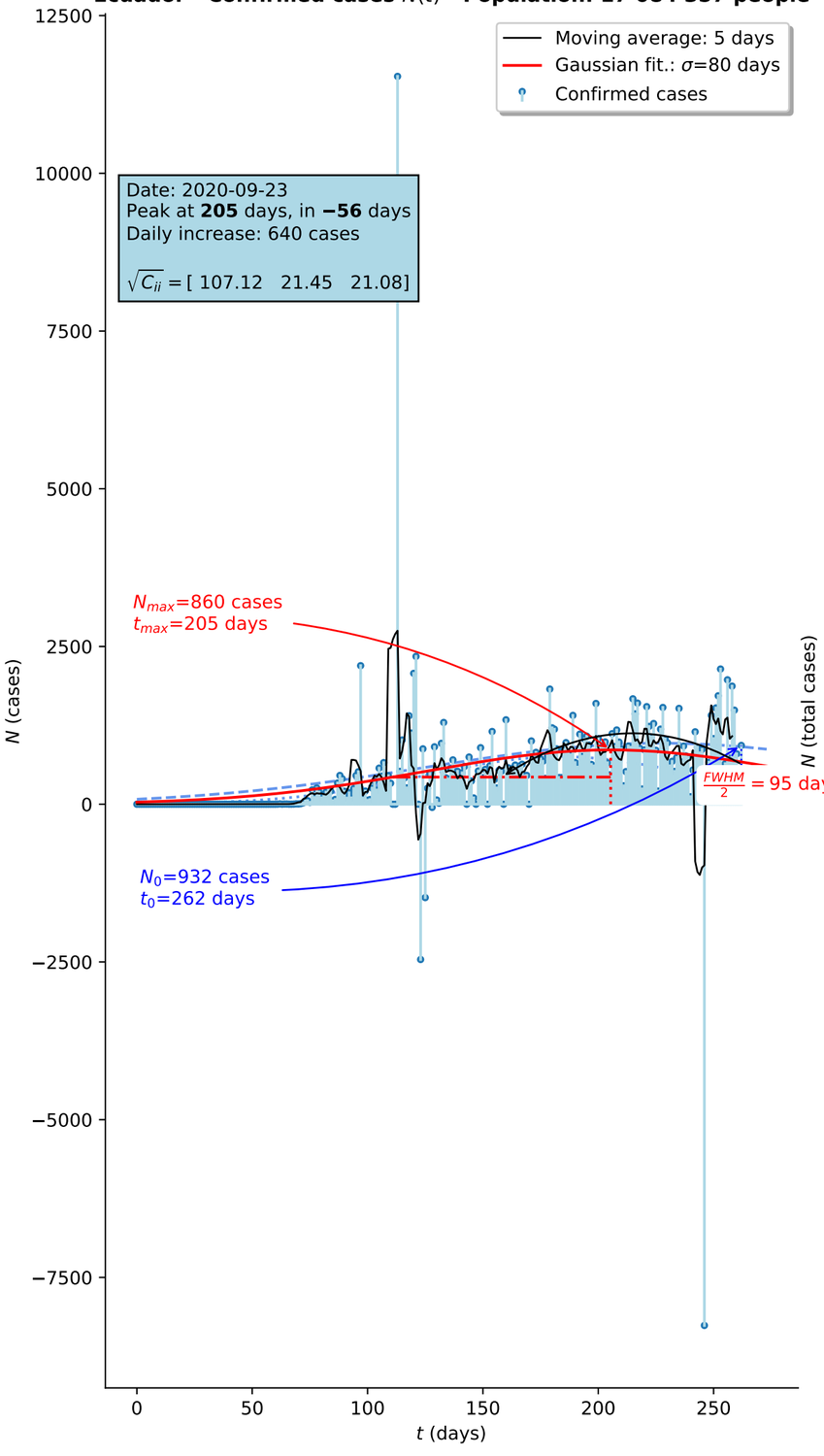



Colombia - Confirmed cases $N(t)$ - Population: 49 648 685 people
Moving average: 5 days
Gaussian fit.: σ=32 days
Confirmed cases
Date: 2020-09-23
Peak at 158 days, in −37 days
Daily increase: 1743 cases
$\sqrt{C_{ii}}$ = [143.58 0.63 0.7]
N_{max}=10451 cases
t_{max}=158 days
N_0=7102 cases
t_0=196 days
$\frac{FWHM}{2}$ = 39 days
N (cases)
t (days)

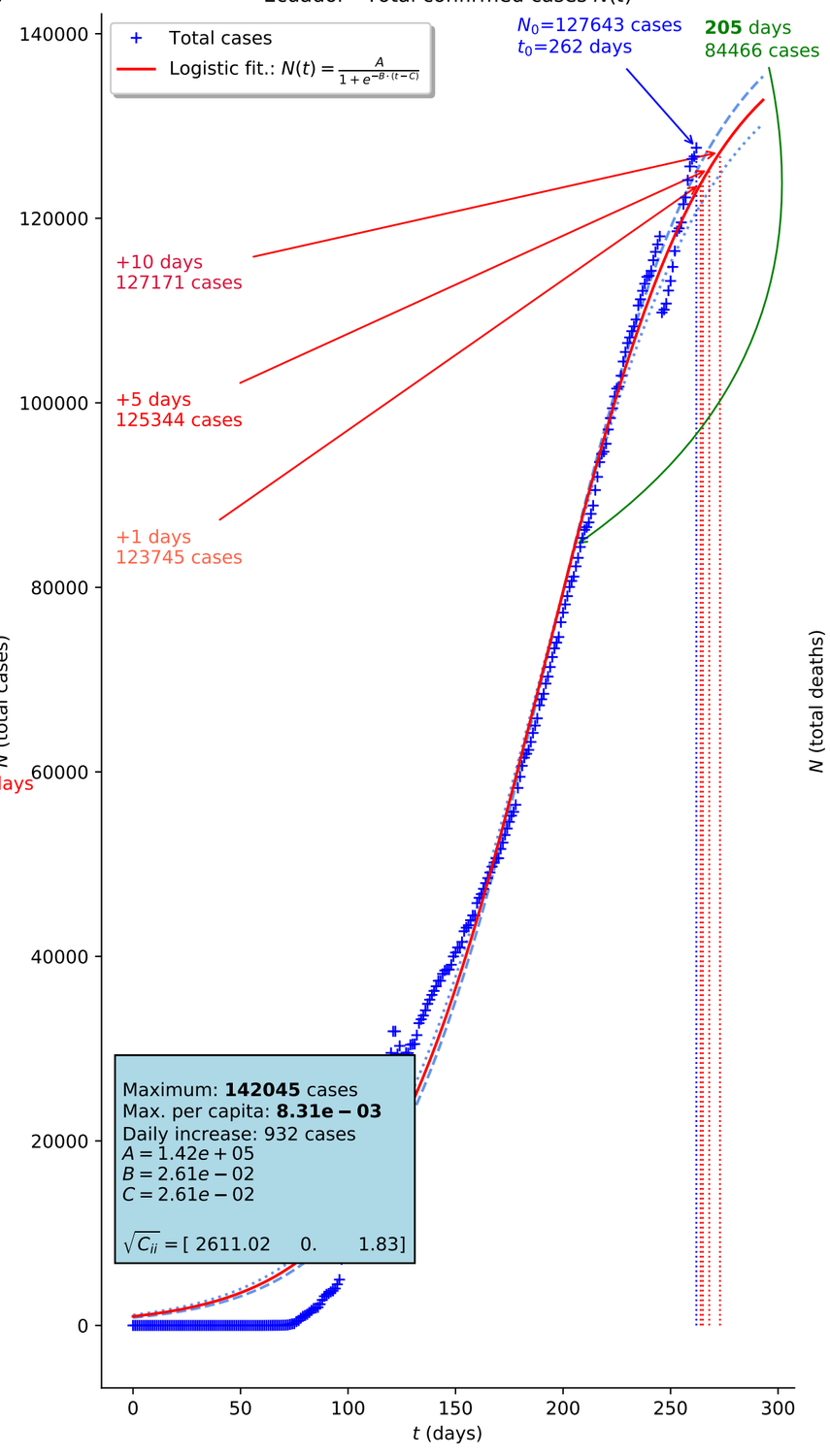

Colombia - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=777537 cases
t_0=196 days
158 days
458459 cases
+10 days
822788 cases
+5 days
803236 cases
+1 days
784847 cases
Maximum: 906868 cases
Max. per capita: 1.83e − 02
Daily increase: 7102 cases
$A = 9.07e+05$
$B = 4.66e-02$
$C = 4.66e-02$
$\sqrt{C_{ii}}$ = [2804.93 0. 0.17]
N (total cases)
t (days)


Colombia - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
26052 cases
N_0=24570 Total deaths
t_0=196 days
Maximum: 28700 Total deaths
Max. per capita: 5.78e − 04
Daily increase: 173
$A_d = 2.87e+04$
$B_d = 4.55e-02$
$C_d = 4.55e-02$
$\sqrt{C_{ii}}$ = [50.51 0. 0.1]
N (total deaths)
t (days)

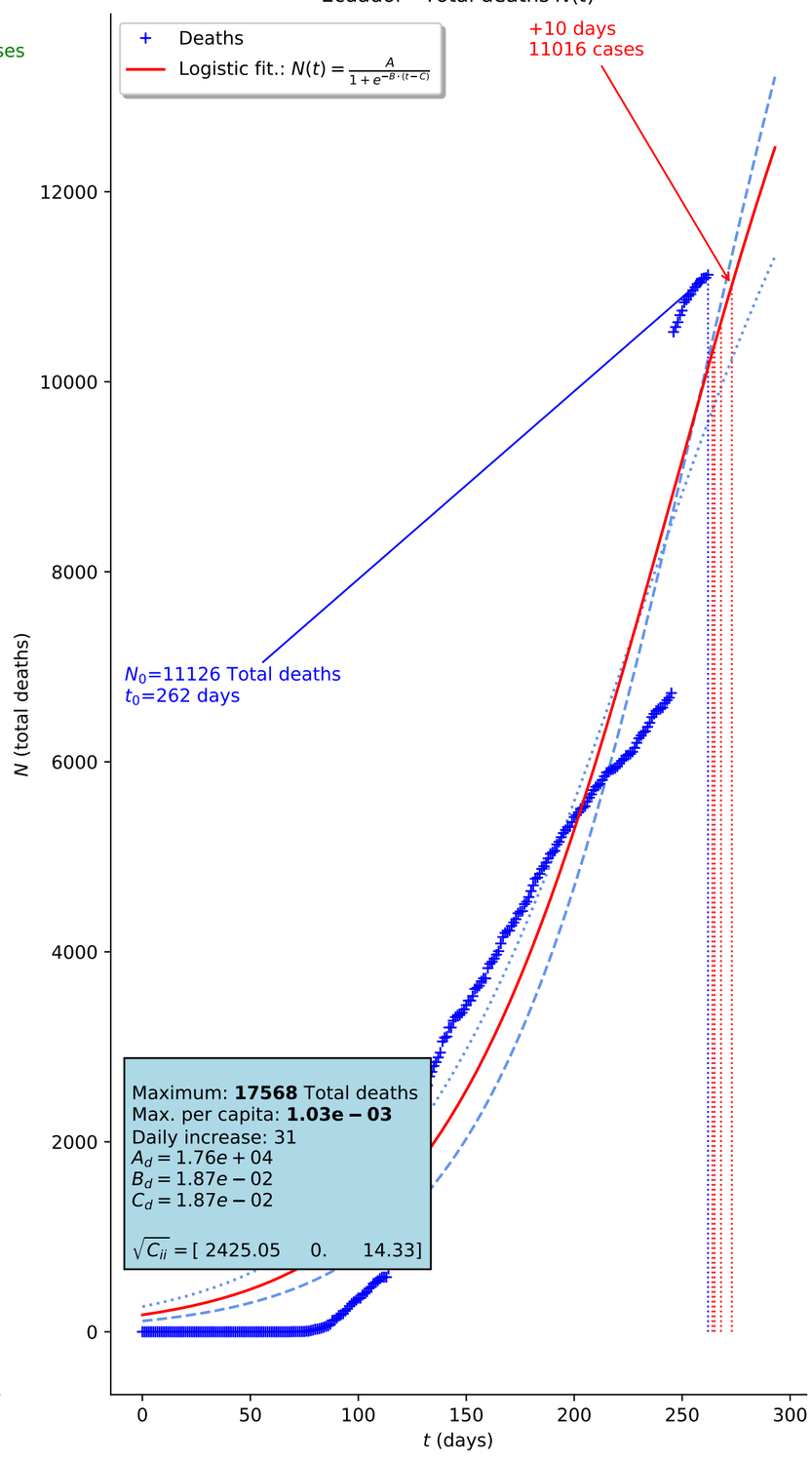
Ecuador - Confirmed cases $N(t)$ - Population: 17 084 357 people



Ecuador - Total confirmed cases $N(t)$



Ecuador - Total deaths $N(t)$



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

Moving average: 5 days
Gaussian fit.: σ=32 days
Confirmed cases

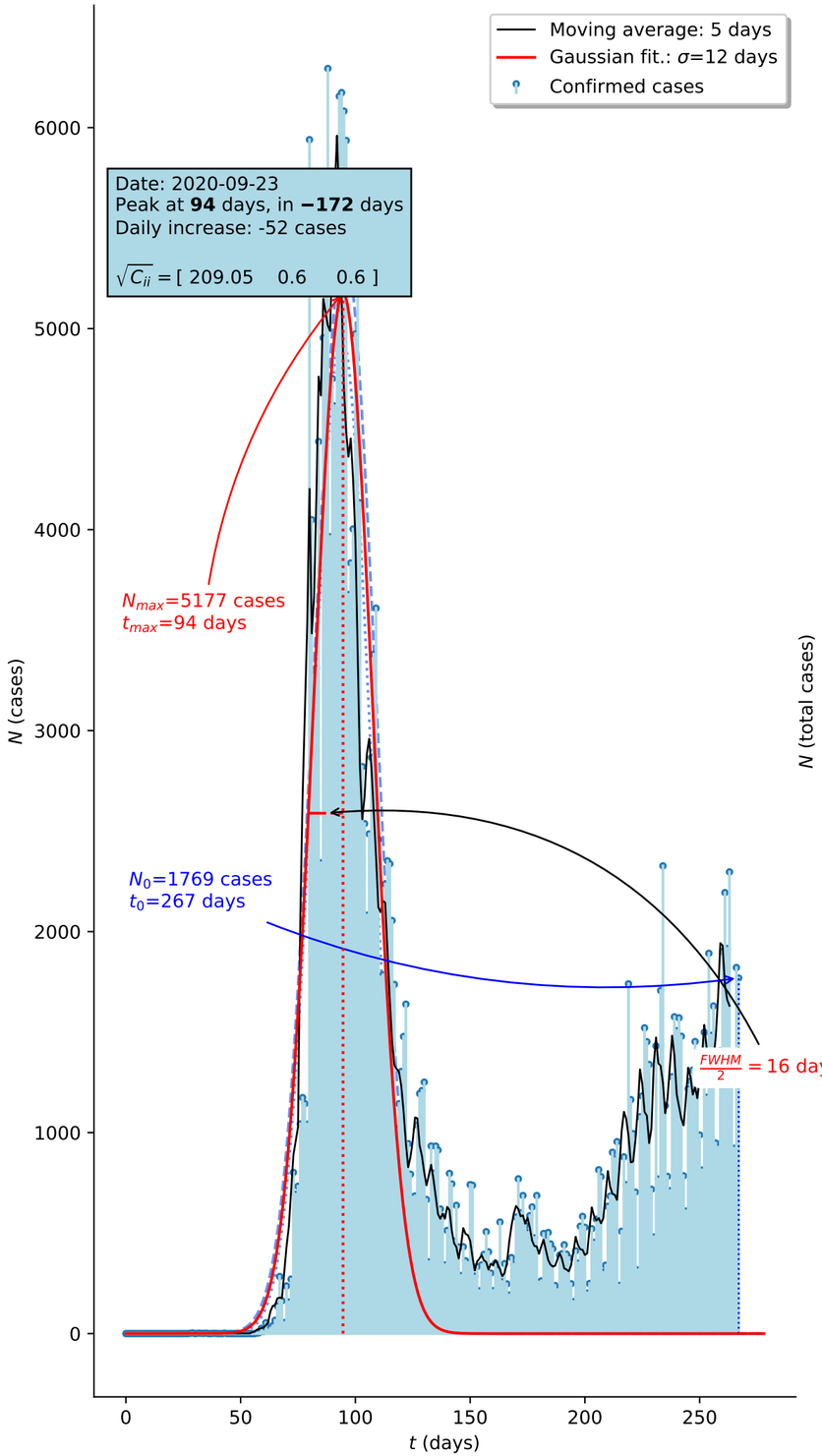
Date: 2020-09-23
Peak at **284** days, in **17** days
Daily increase: 5710 cases

$\sqrt{C_{ii}}$ = [3236.55 16.1 6.85]

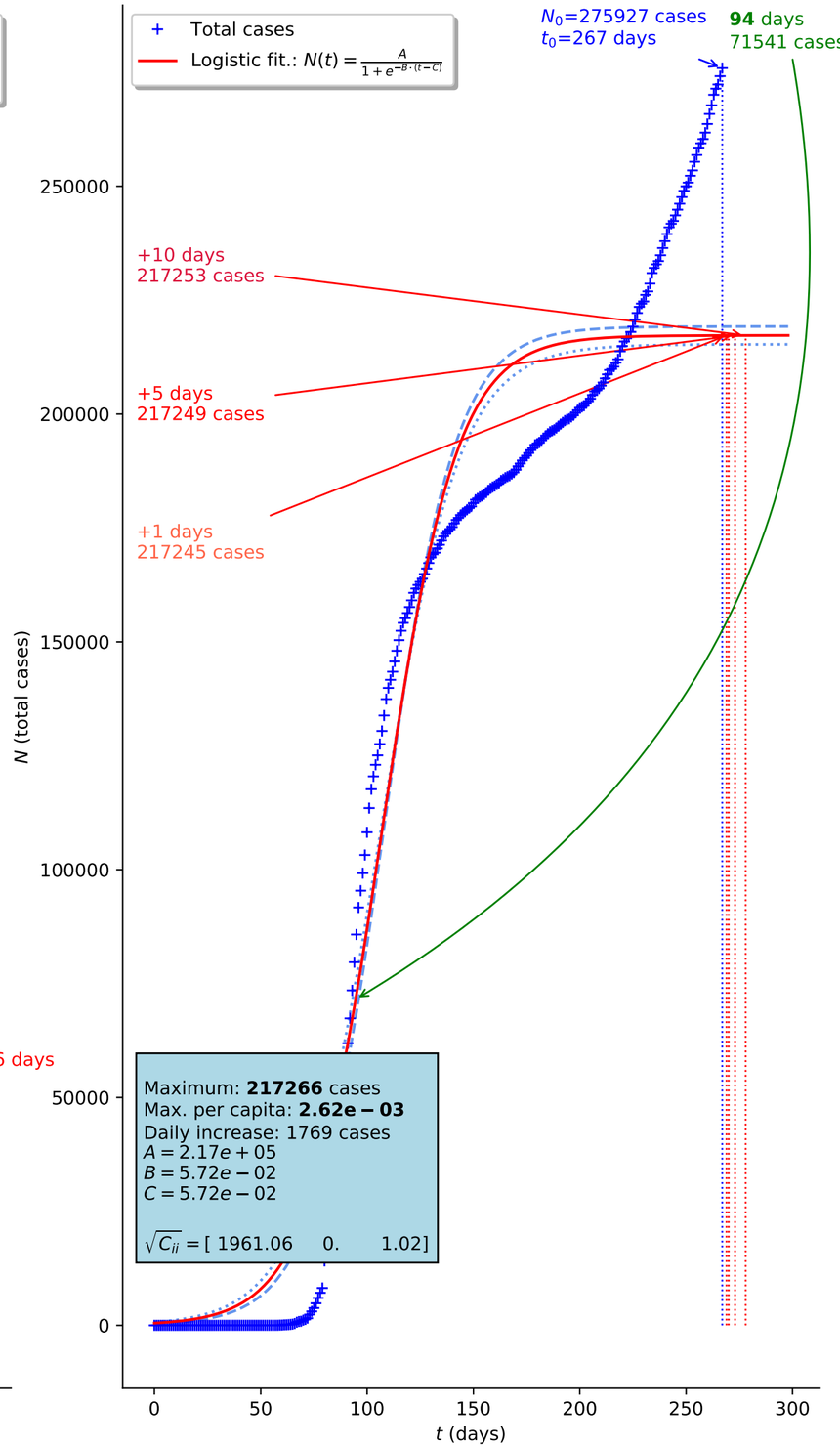
N_0=10008 cases
t_0=267 days

N (cases)
t (days)

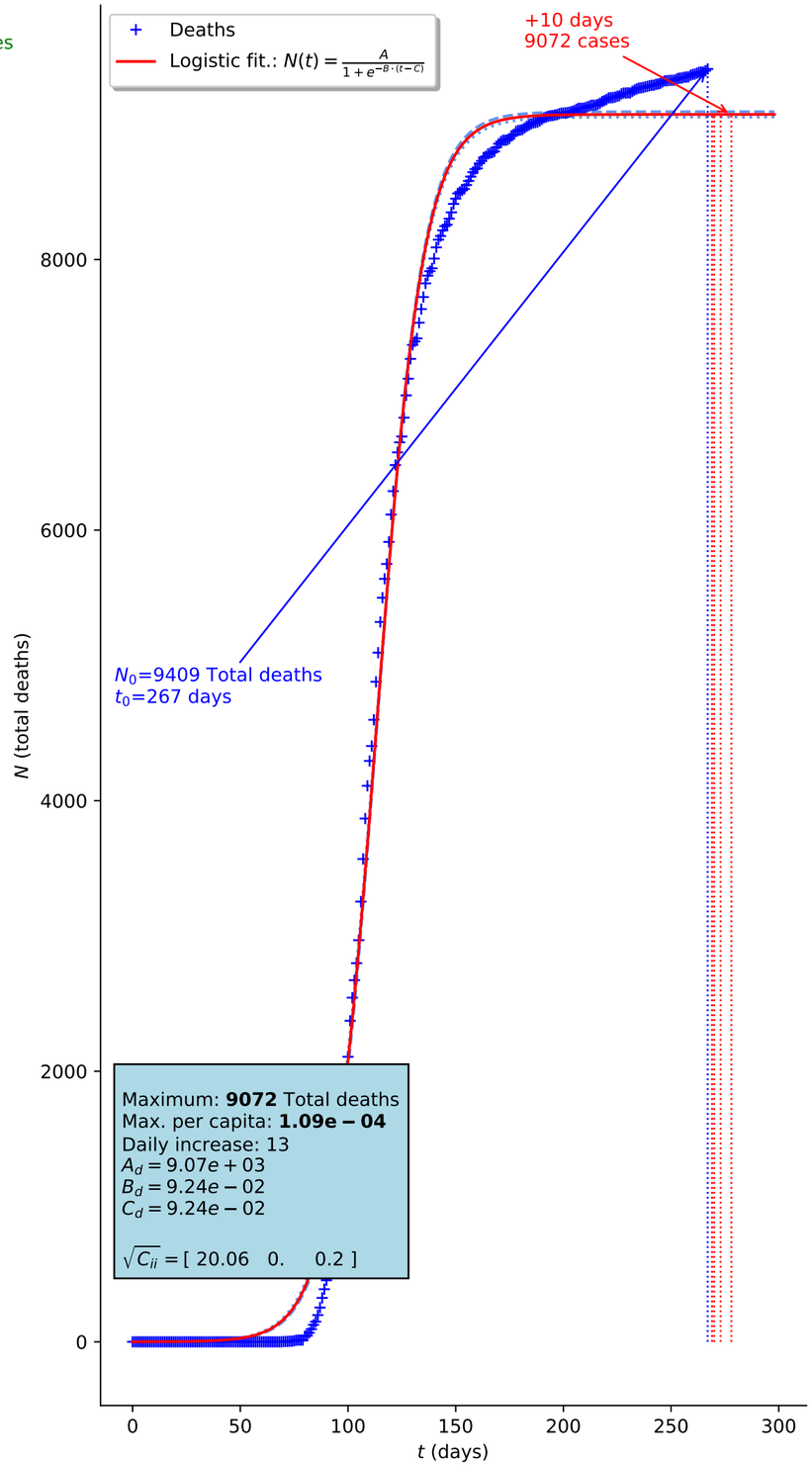
Germany - Confirmed cases $N(t)$ - Population: 82 905 782 people



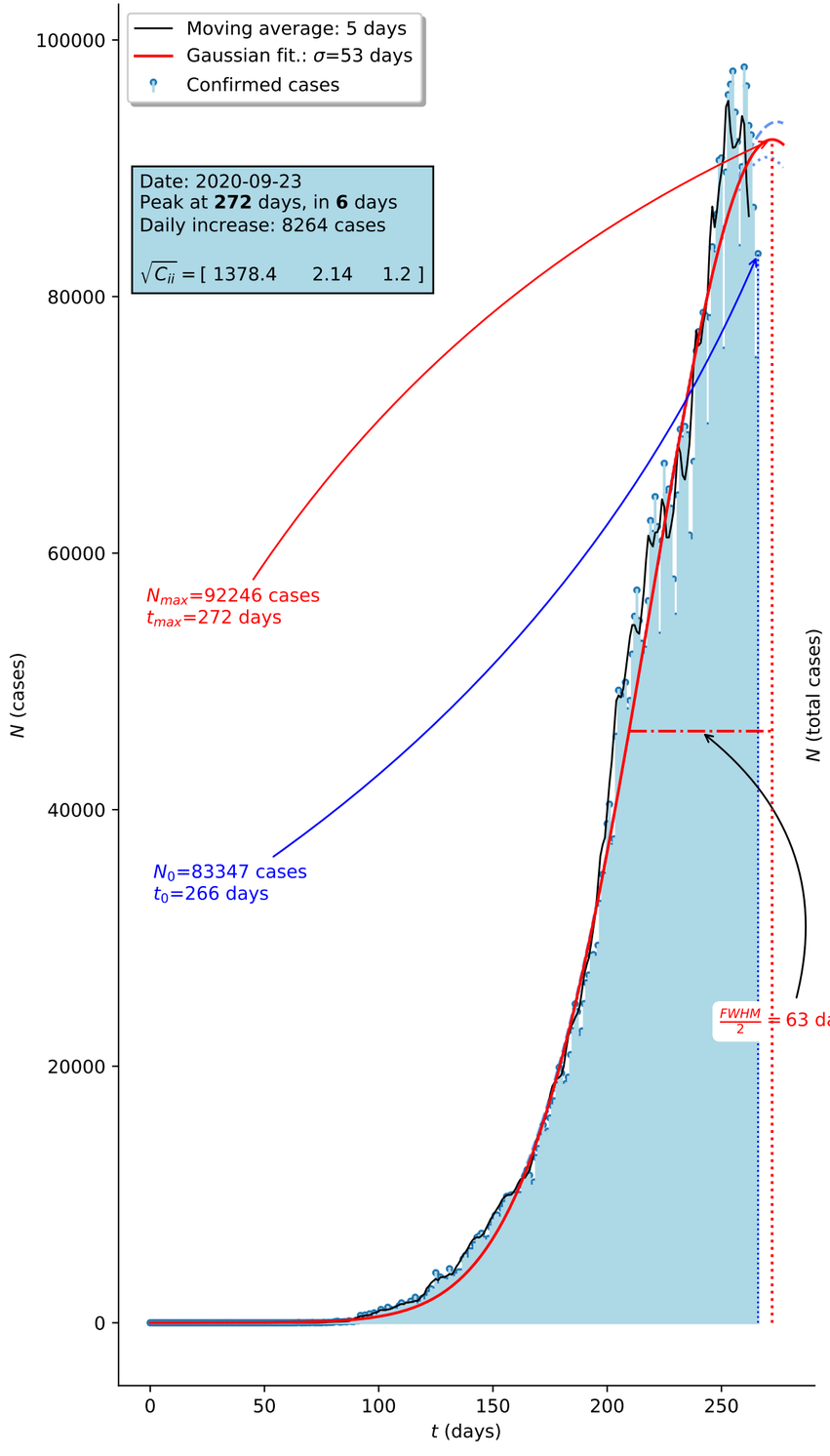
Germany - Total confirmed cases $N(t)$



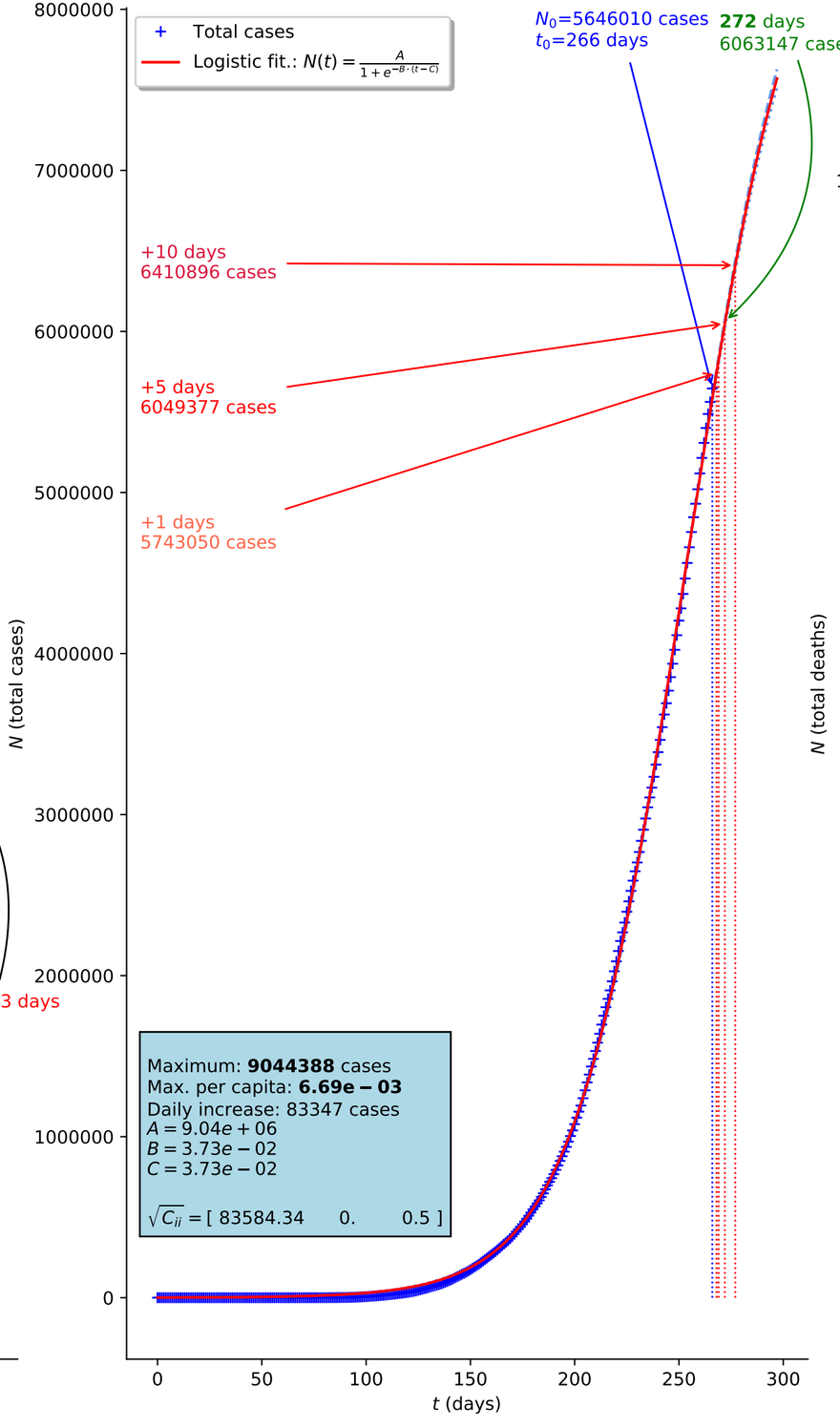
Germany - Total deaths $N(t)$



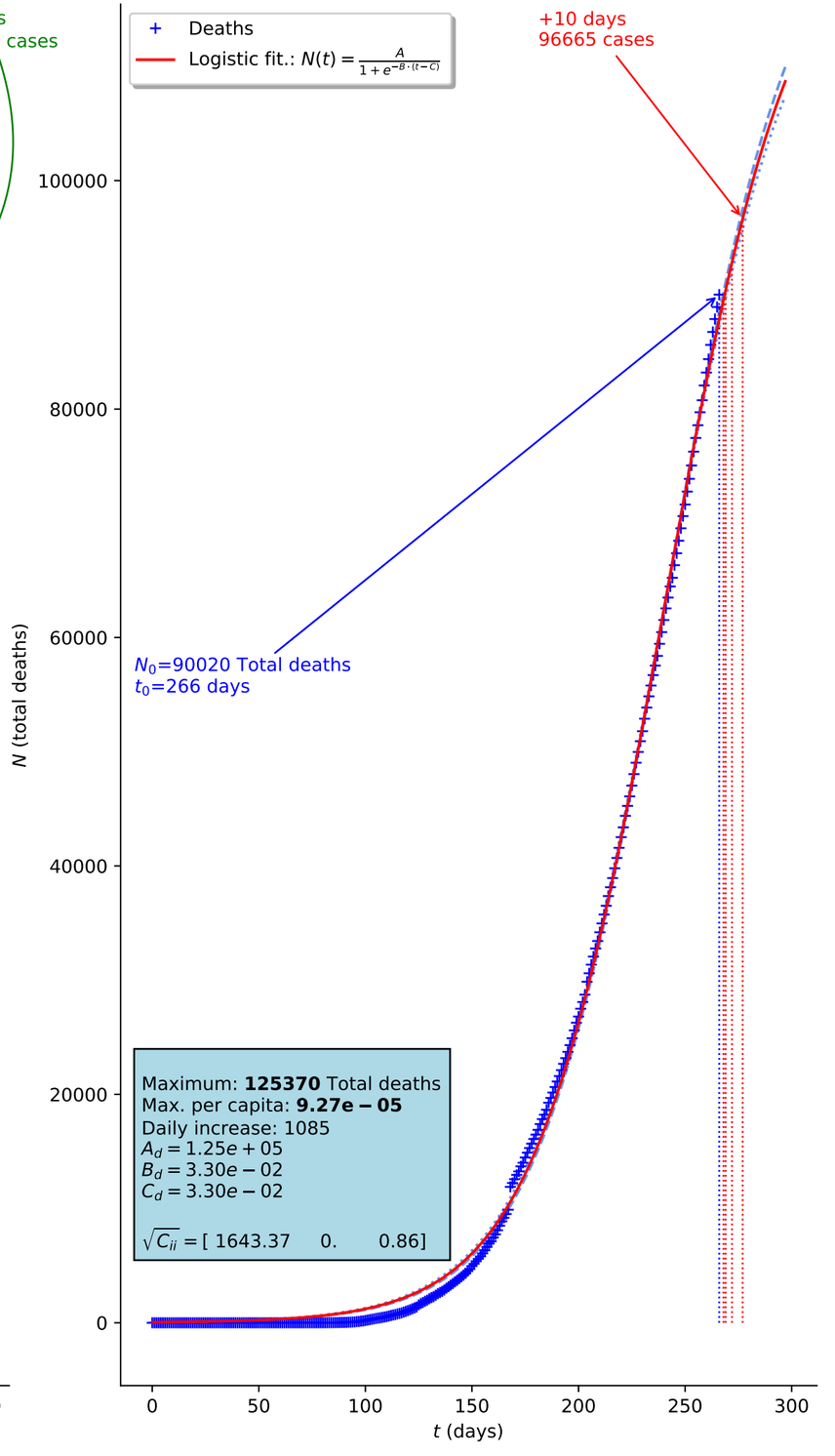
India - Confirmed cases $N(t)$ - Population: 1 352 617 328 people



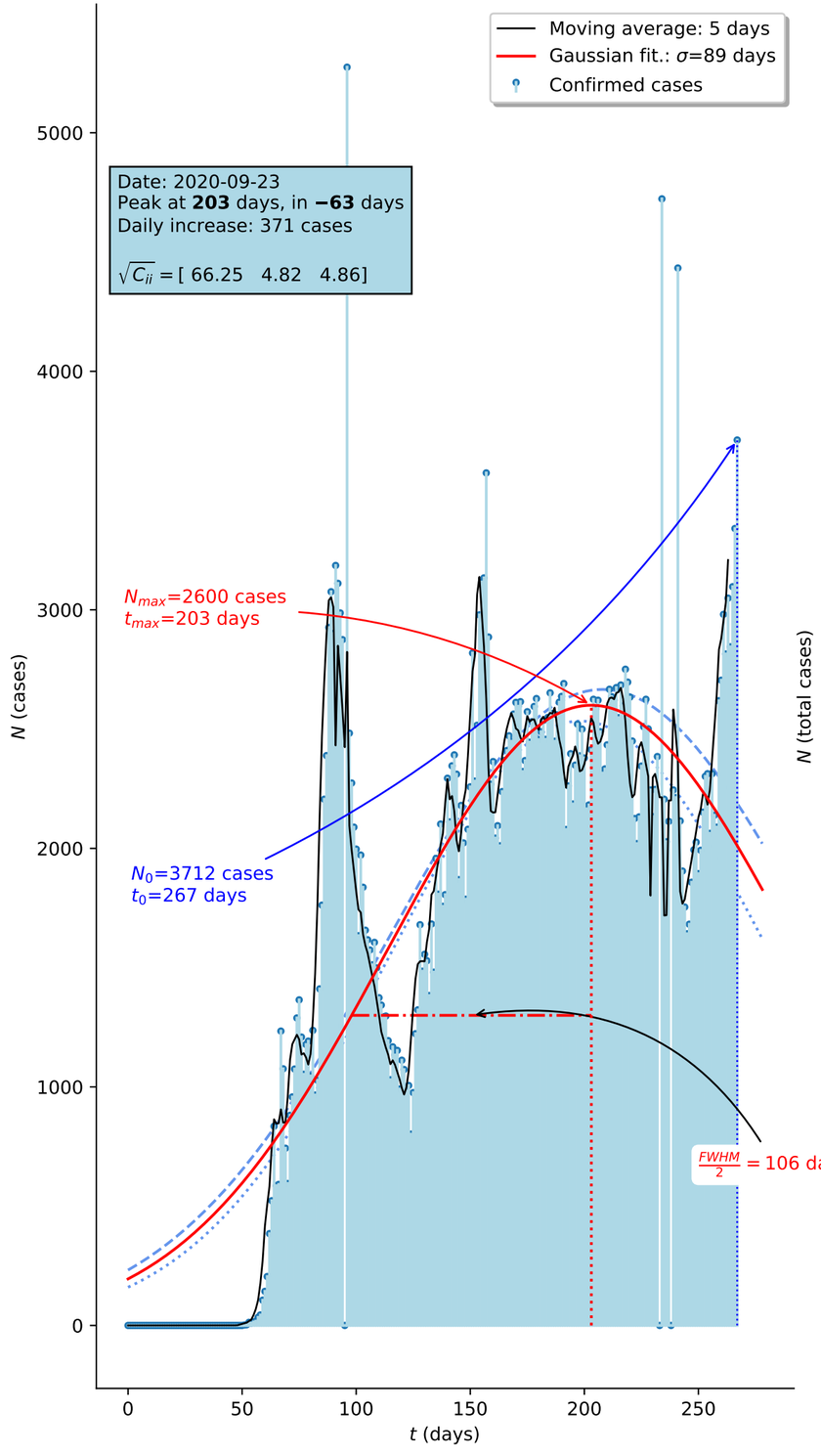
India - Total confirmed cases $N(t)$



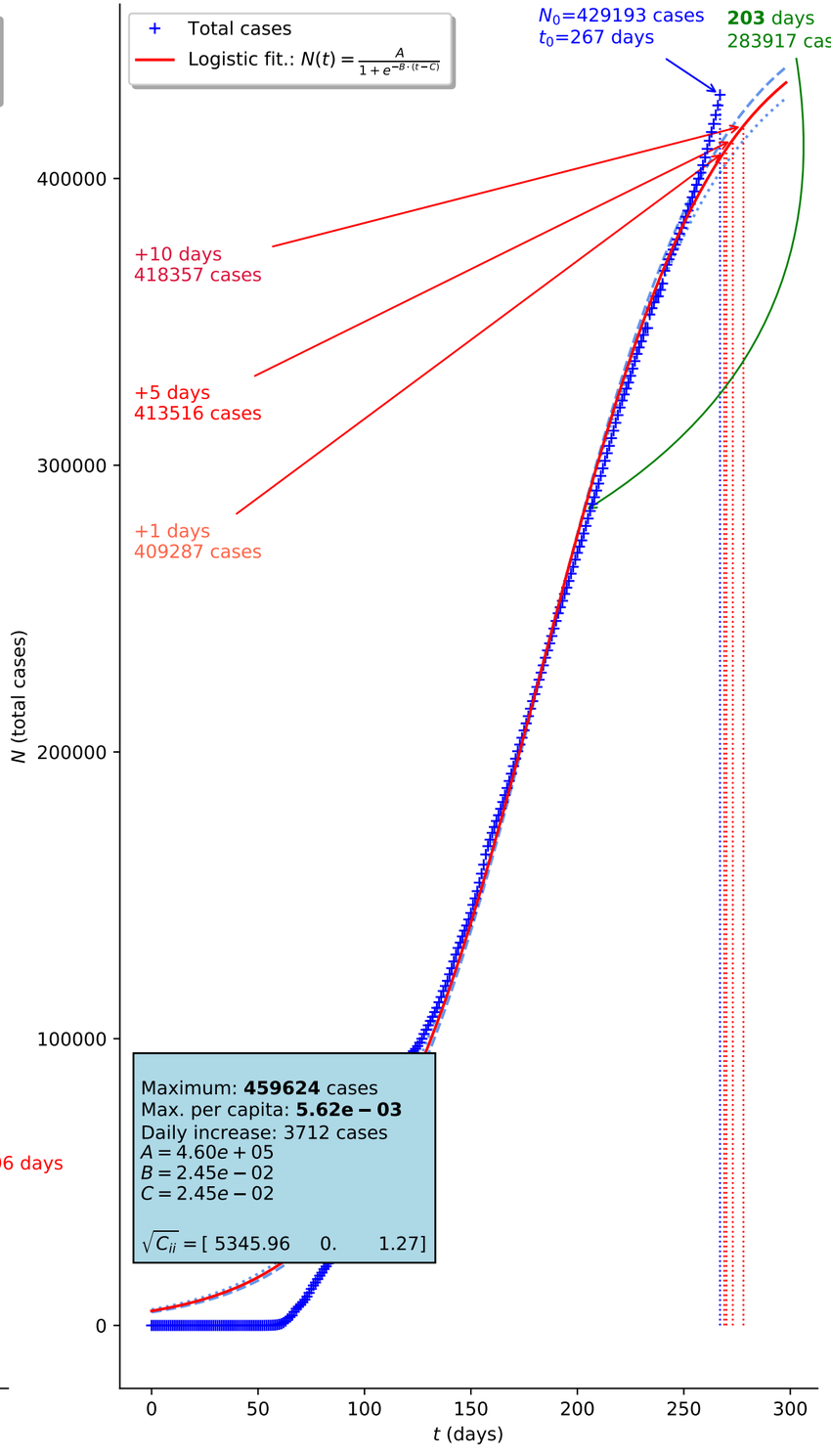
India - Total deaths $N(t)$



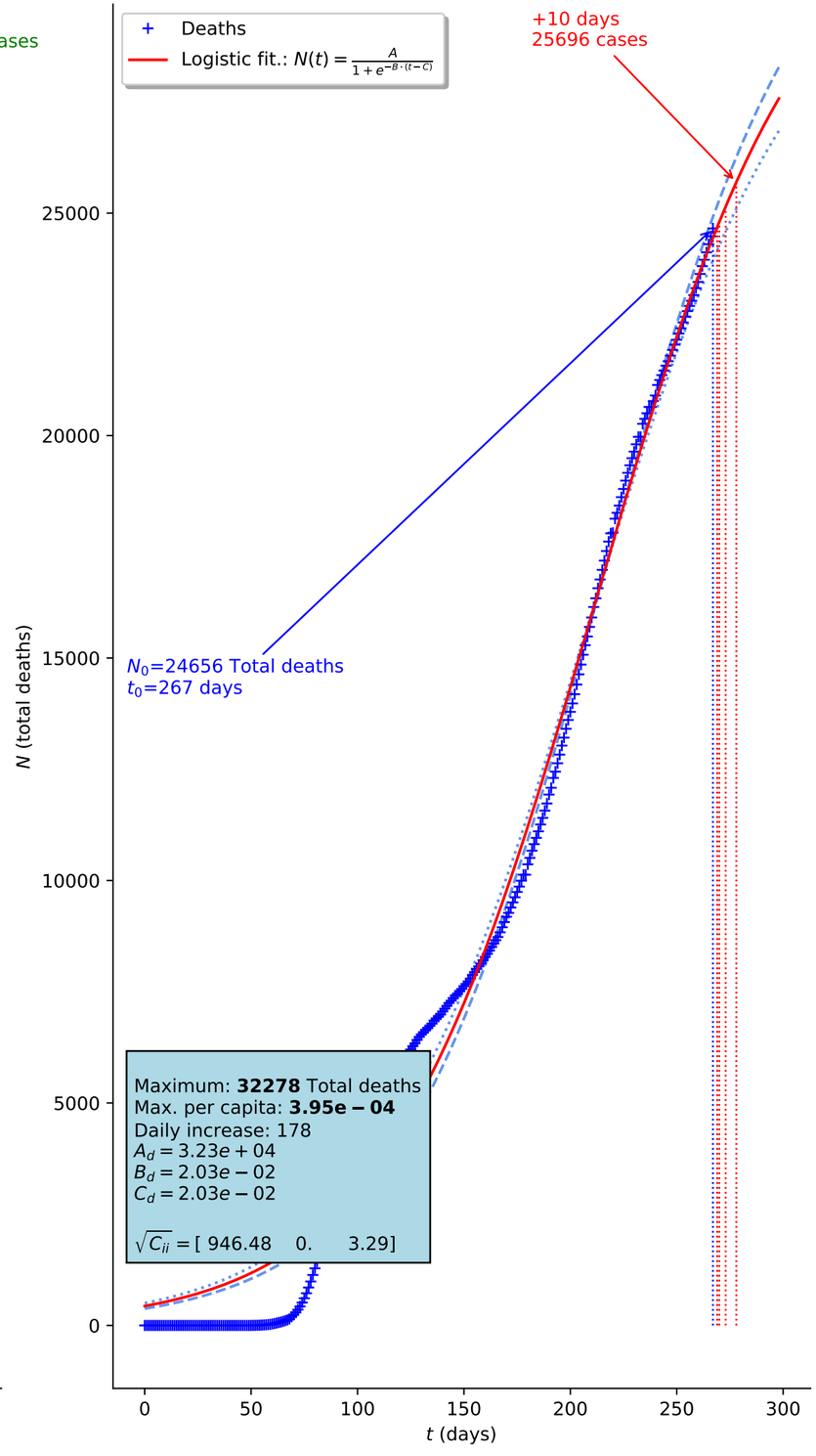
Iran - Confirmed cases $N(t)$ - Population: 81 800 269 people



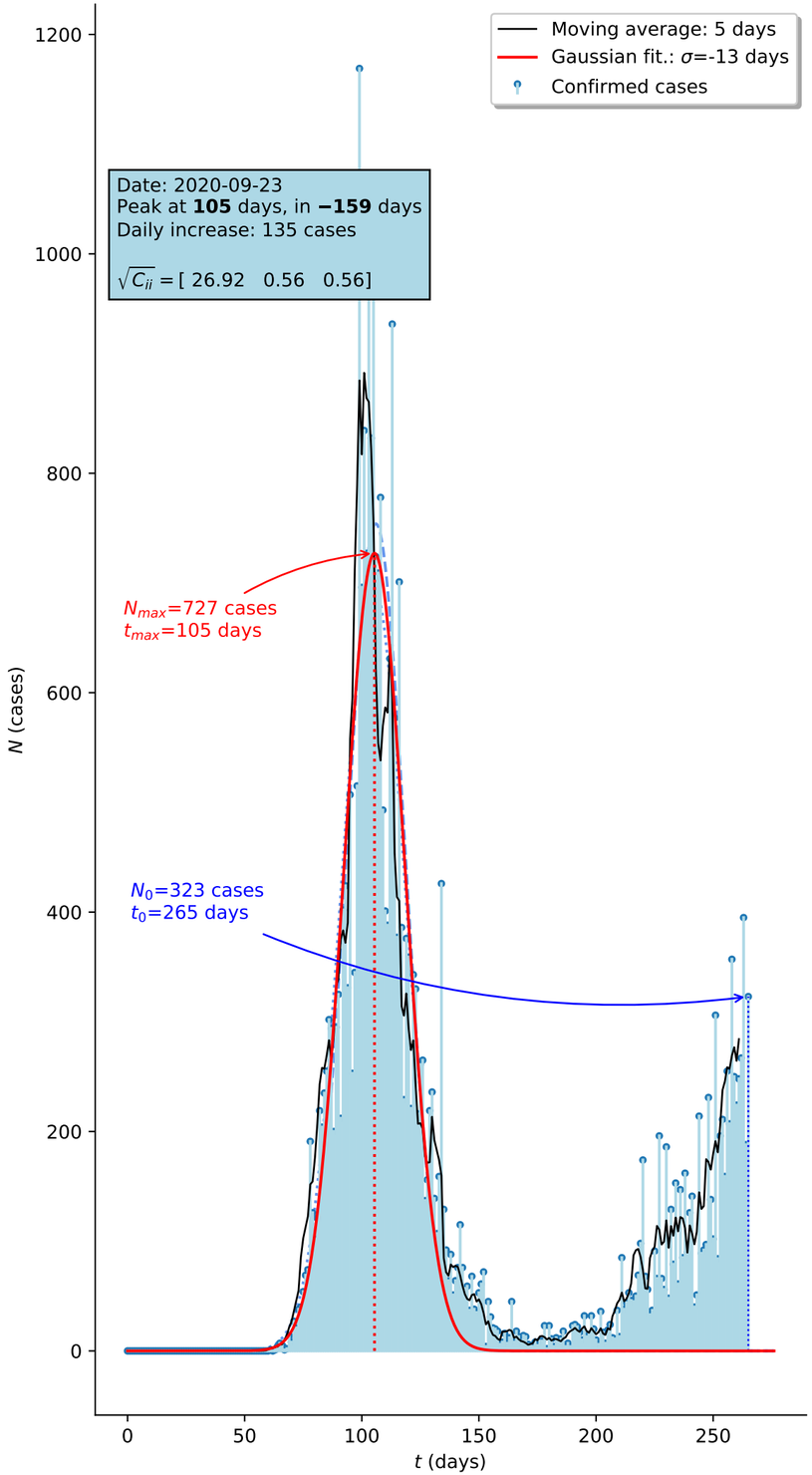
Iran - Total confirmed cases $N(t)$



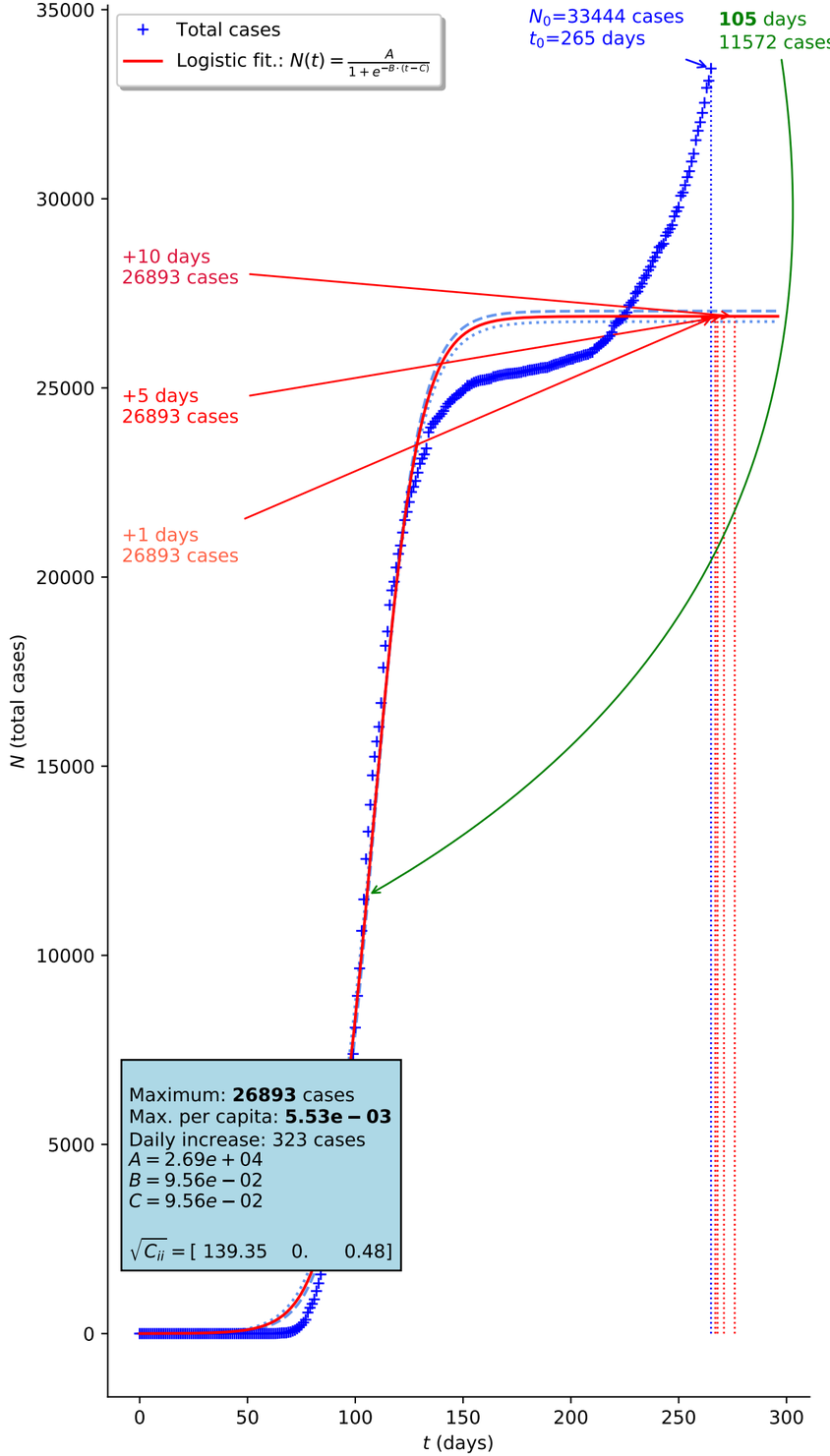
Iran - Total deaths $N(t)$



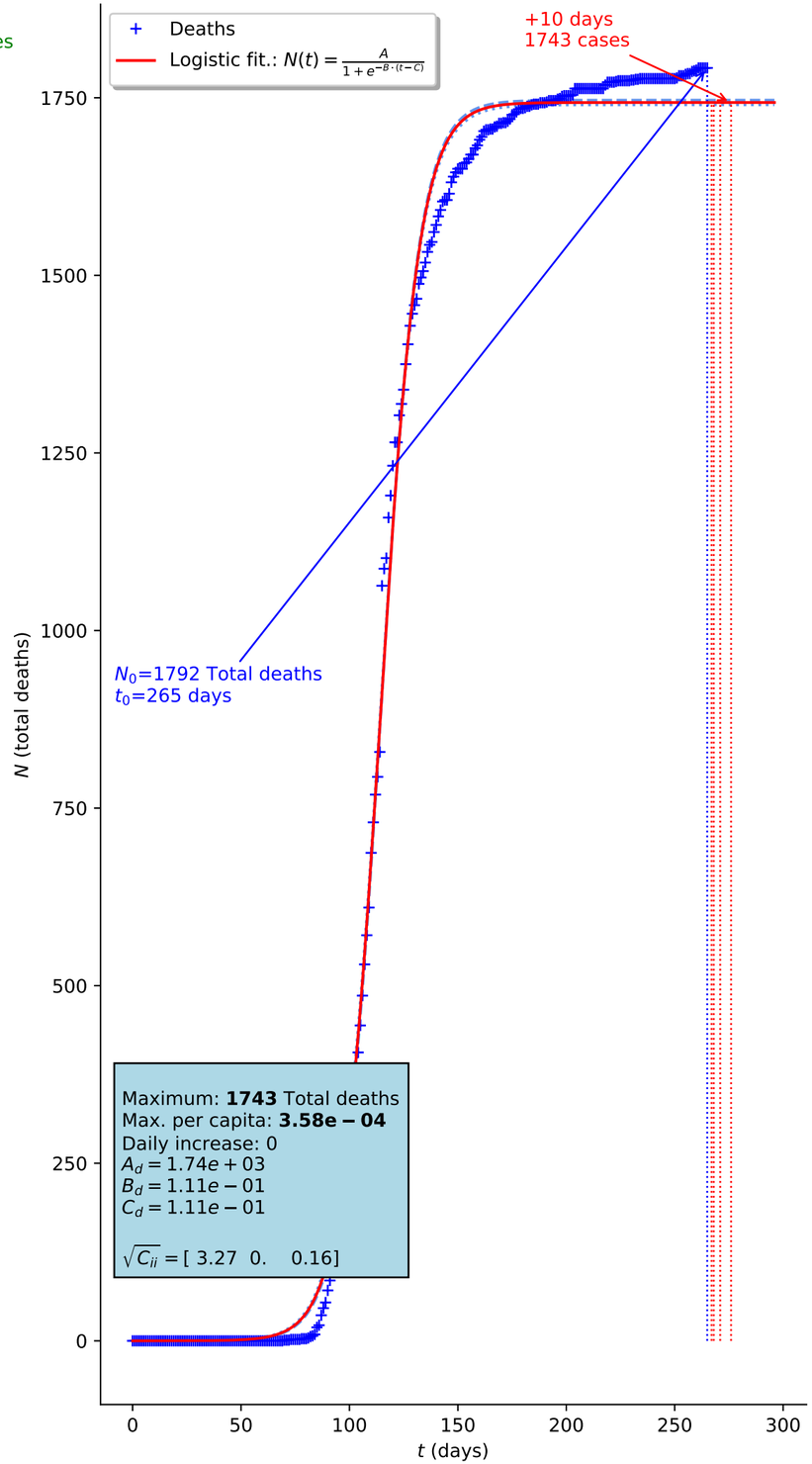
Ireland - Confirmed cases $N(t)$ - Population: 4 867 309 people



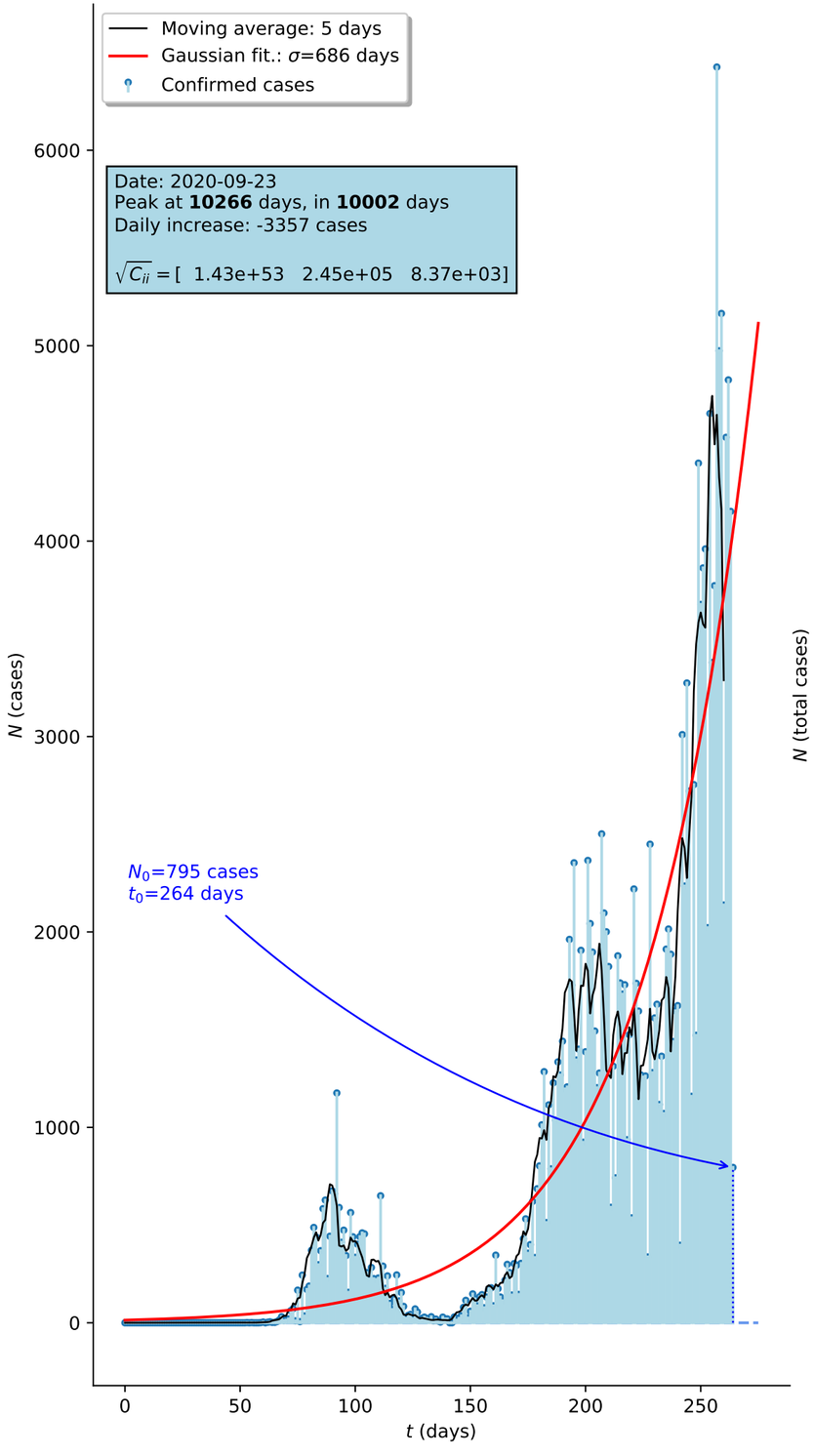
Ireland - Total confirmed cases $N(t)$



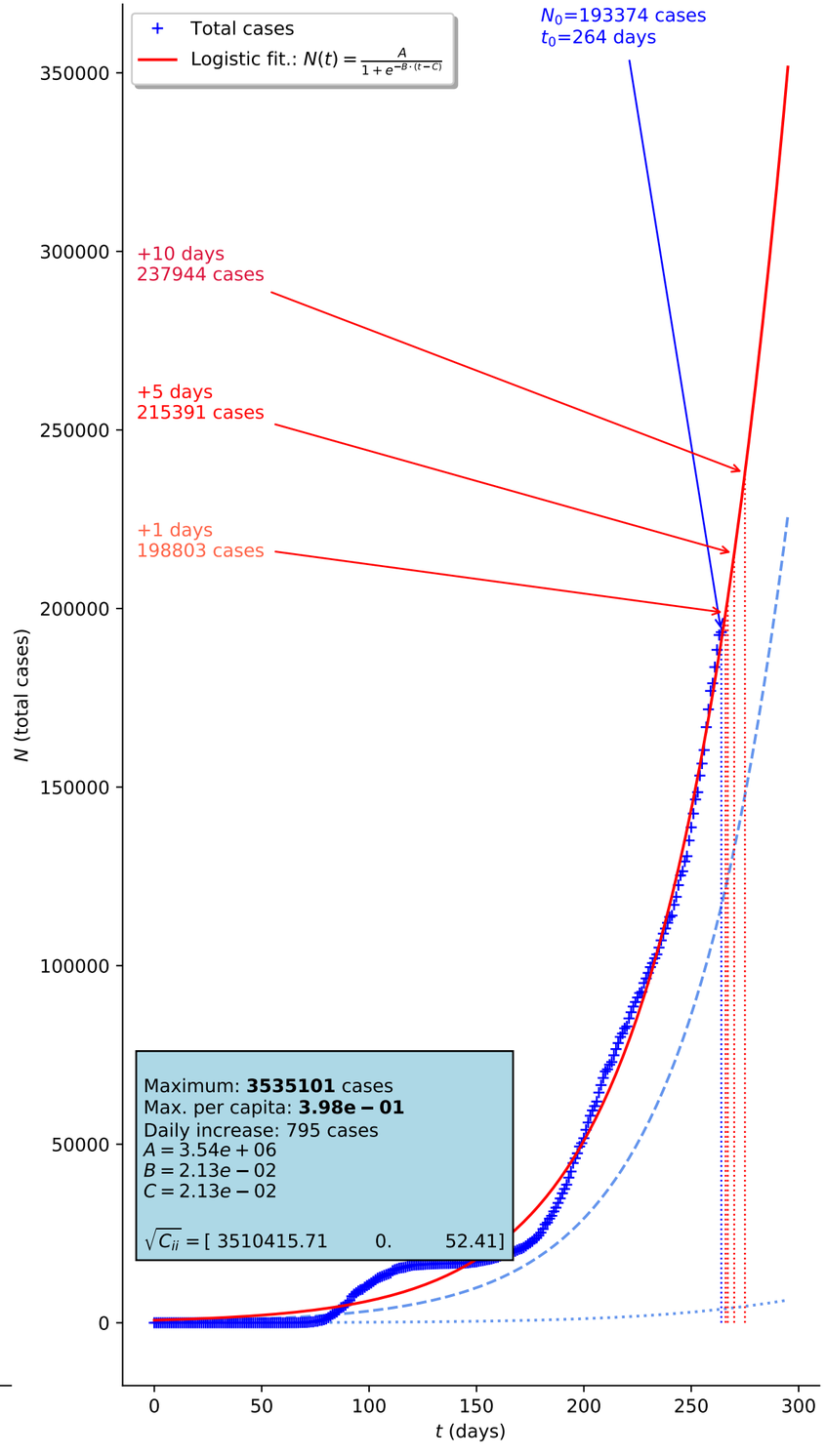
Ireland - Total deaths $N(t)$



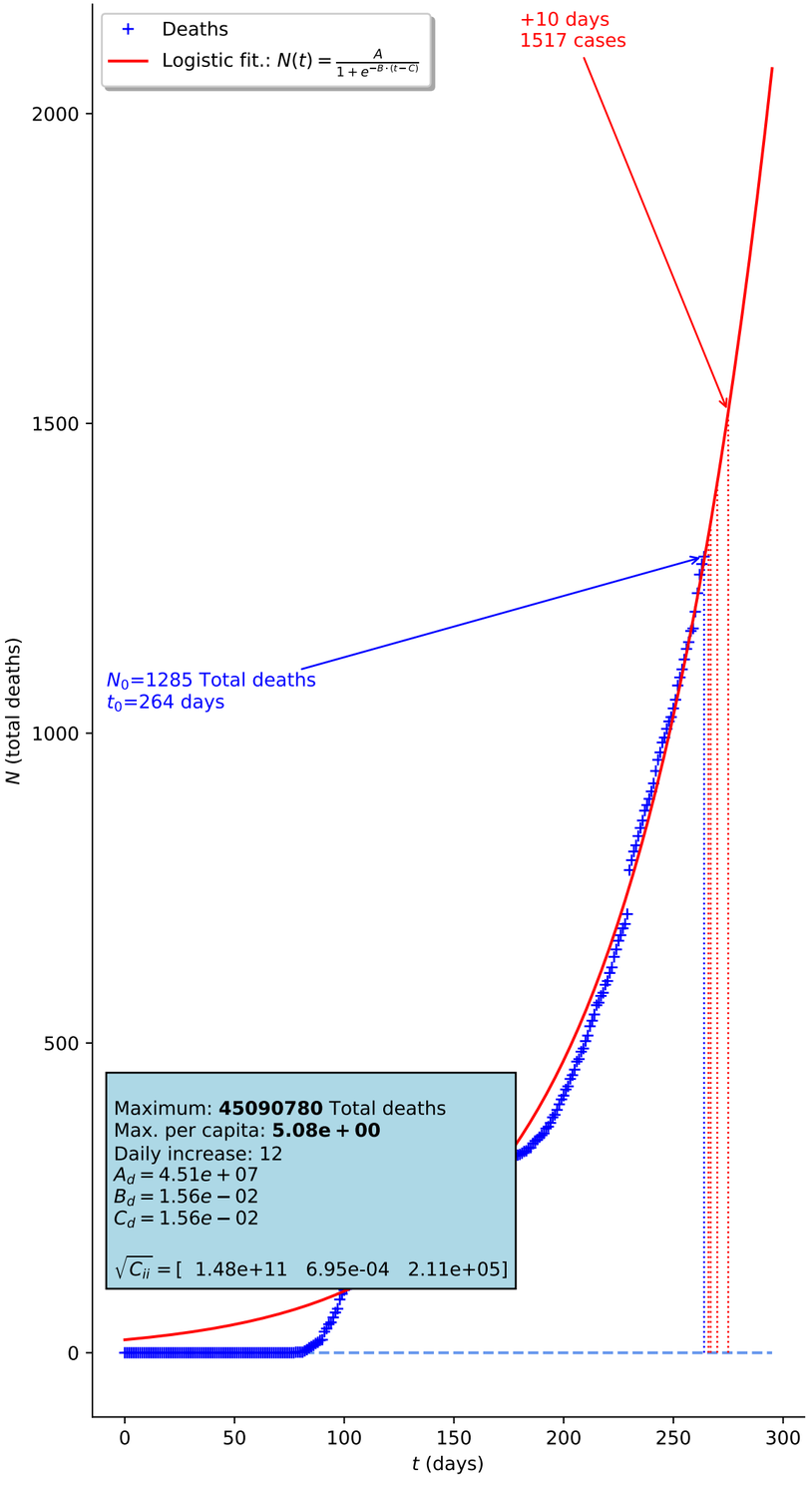
Israel - Confirmed cases $N(t)$ - Population: 8 882 800 people

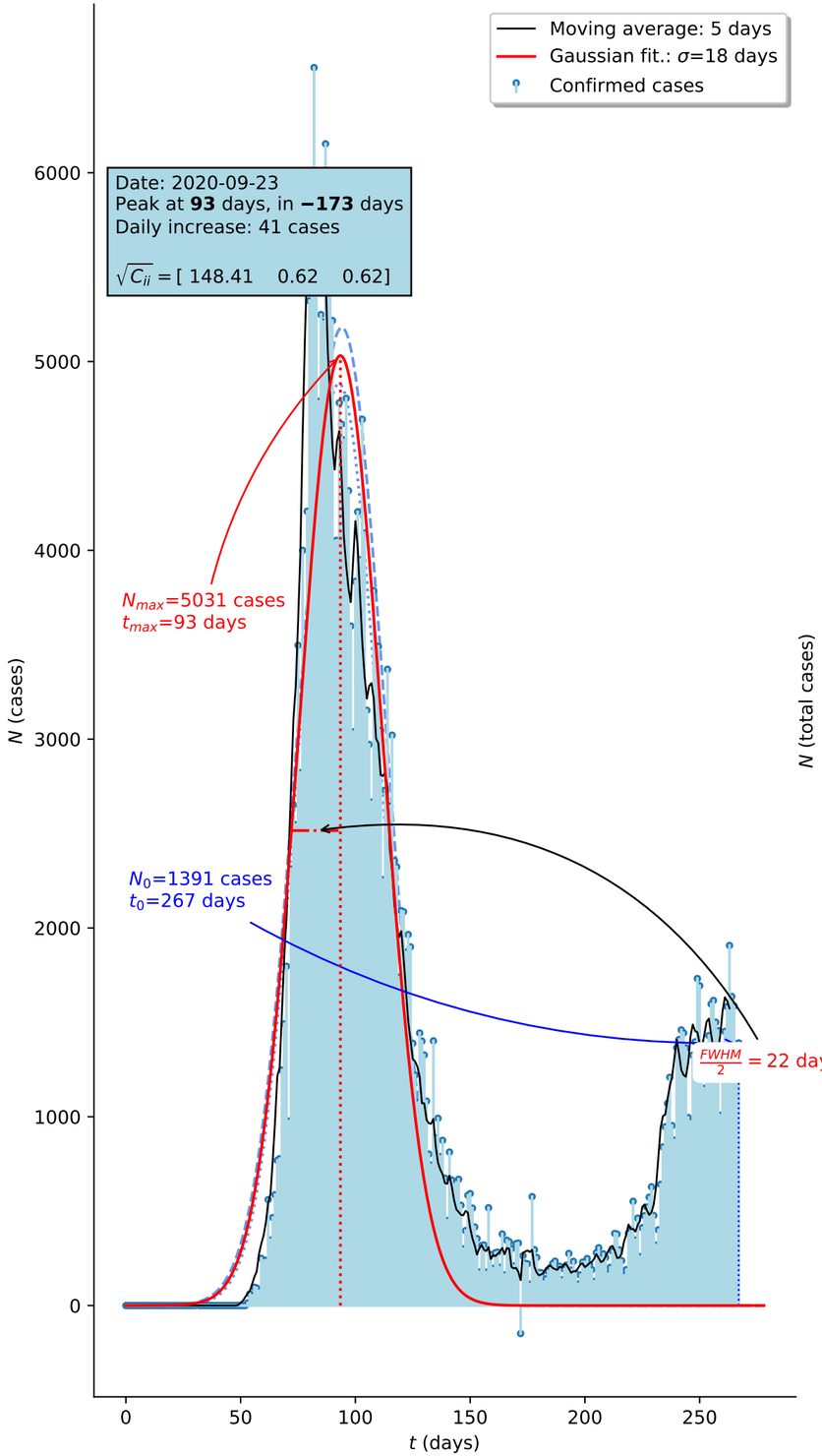


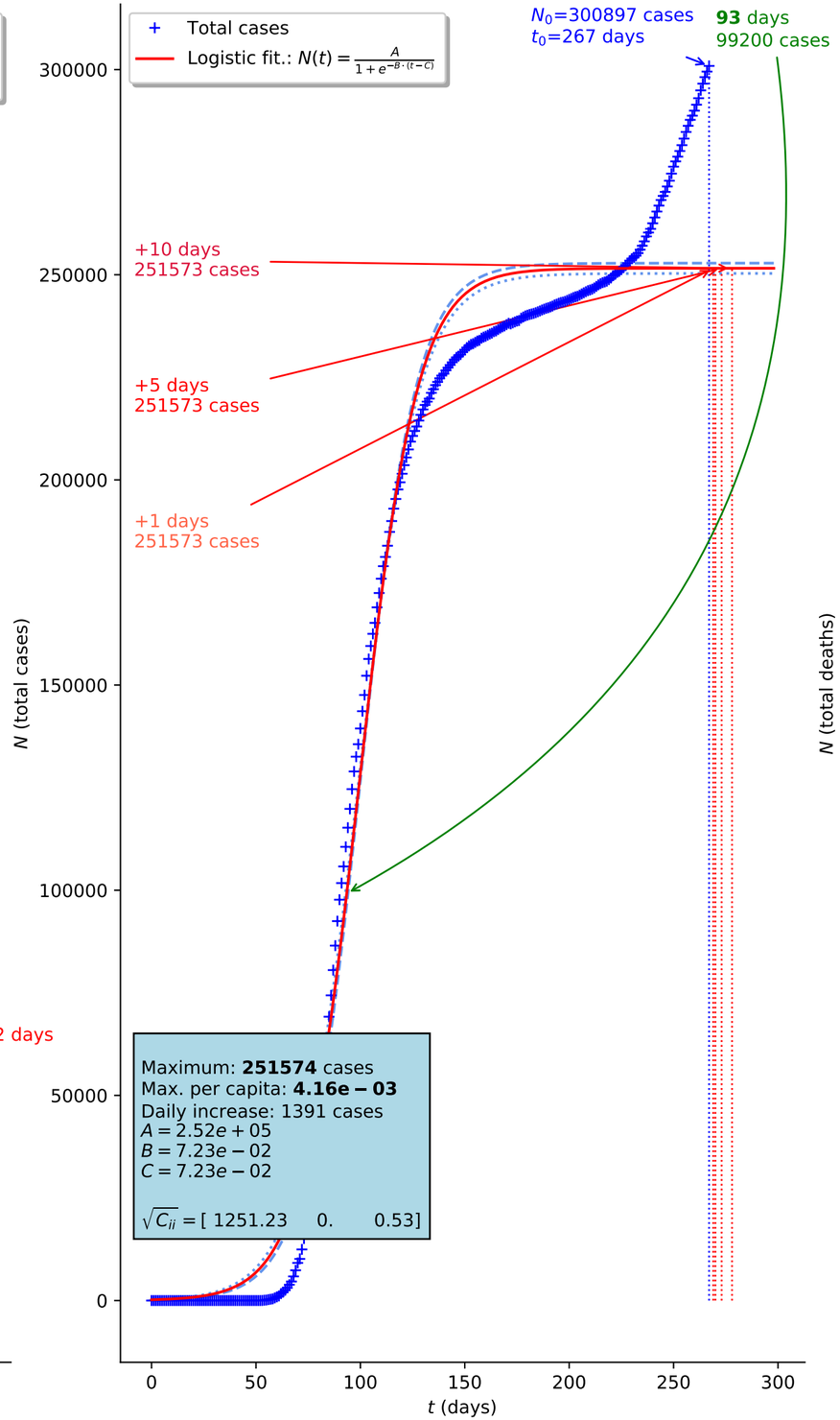
Israel - Total confirmed cases $N(t)$

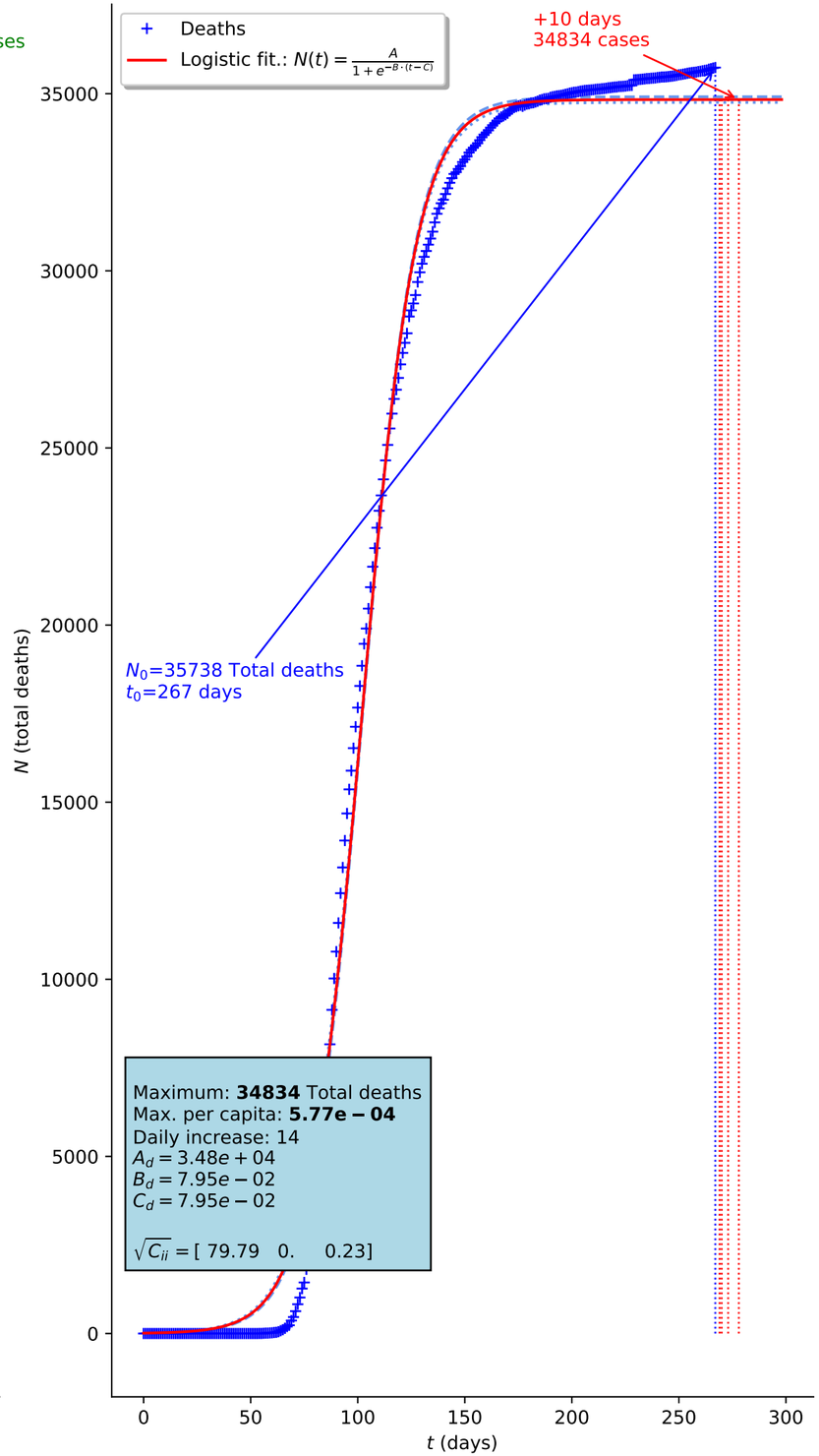


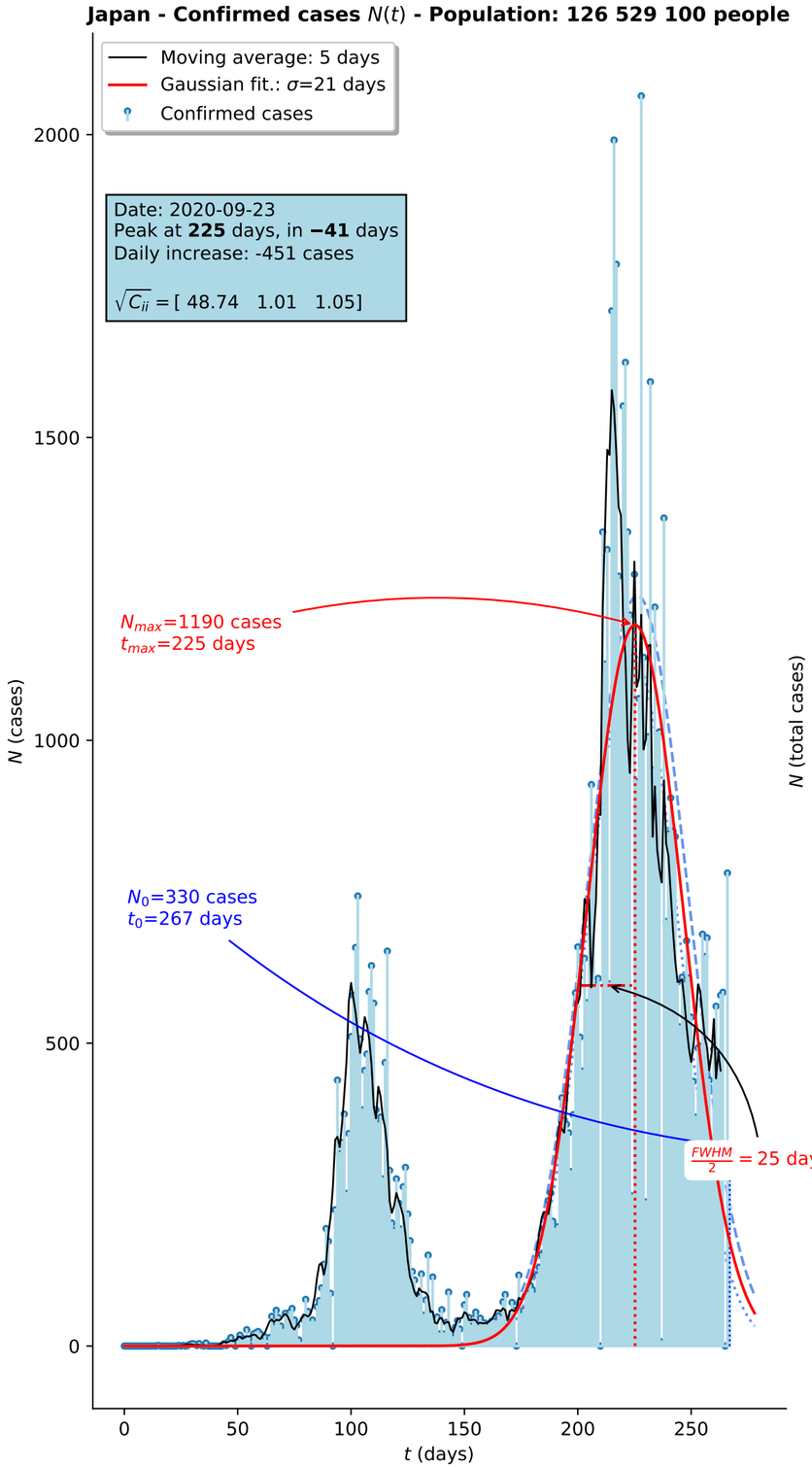
Israel - Total deaths $N(t)$

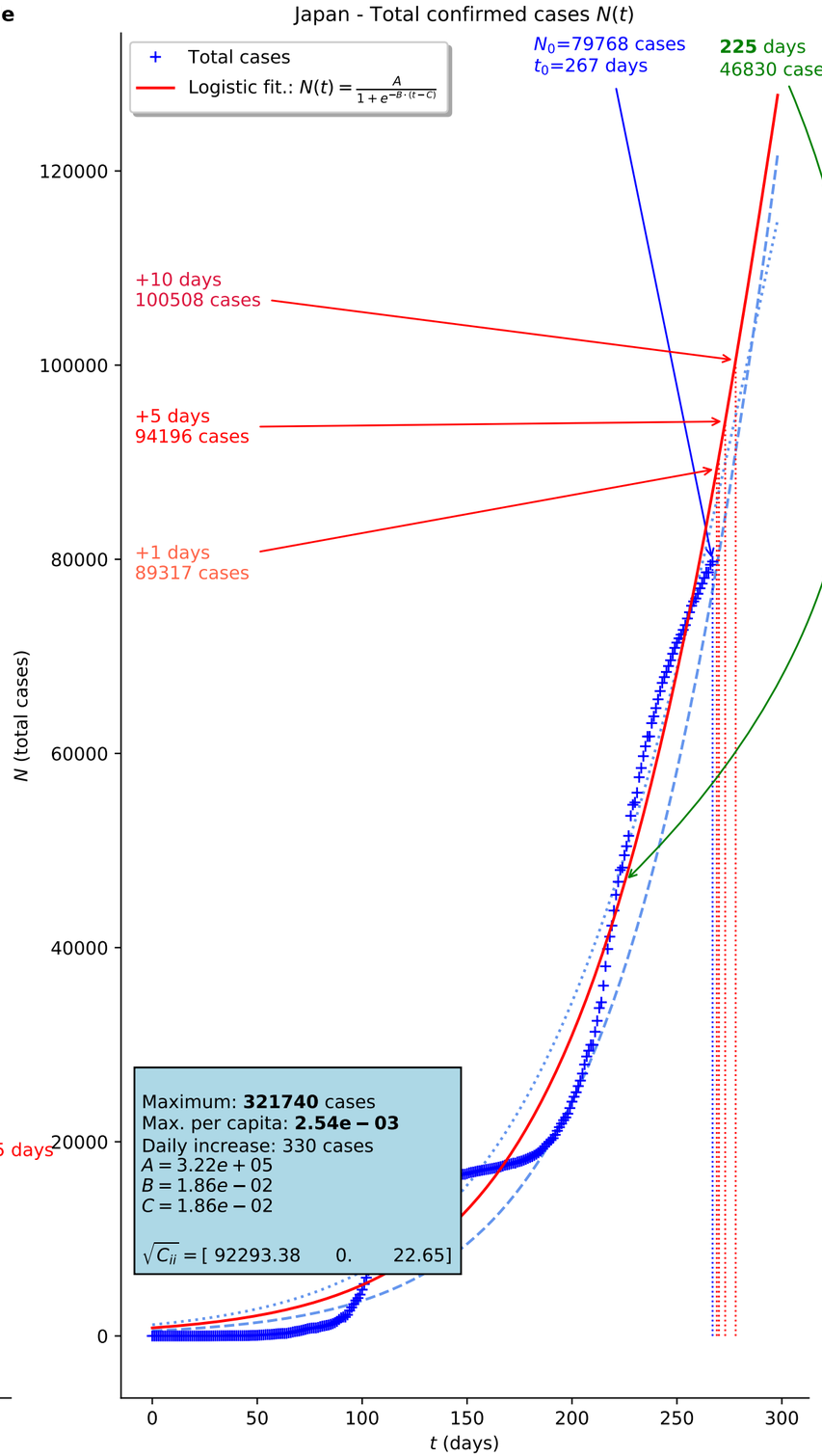


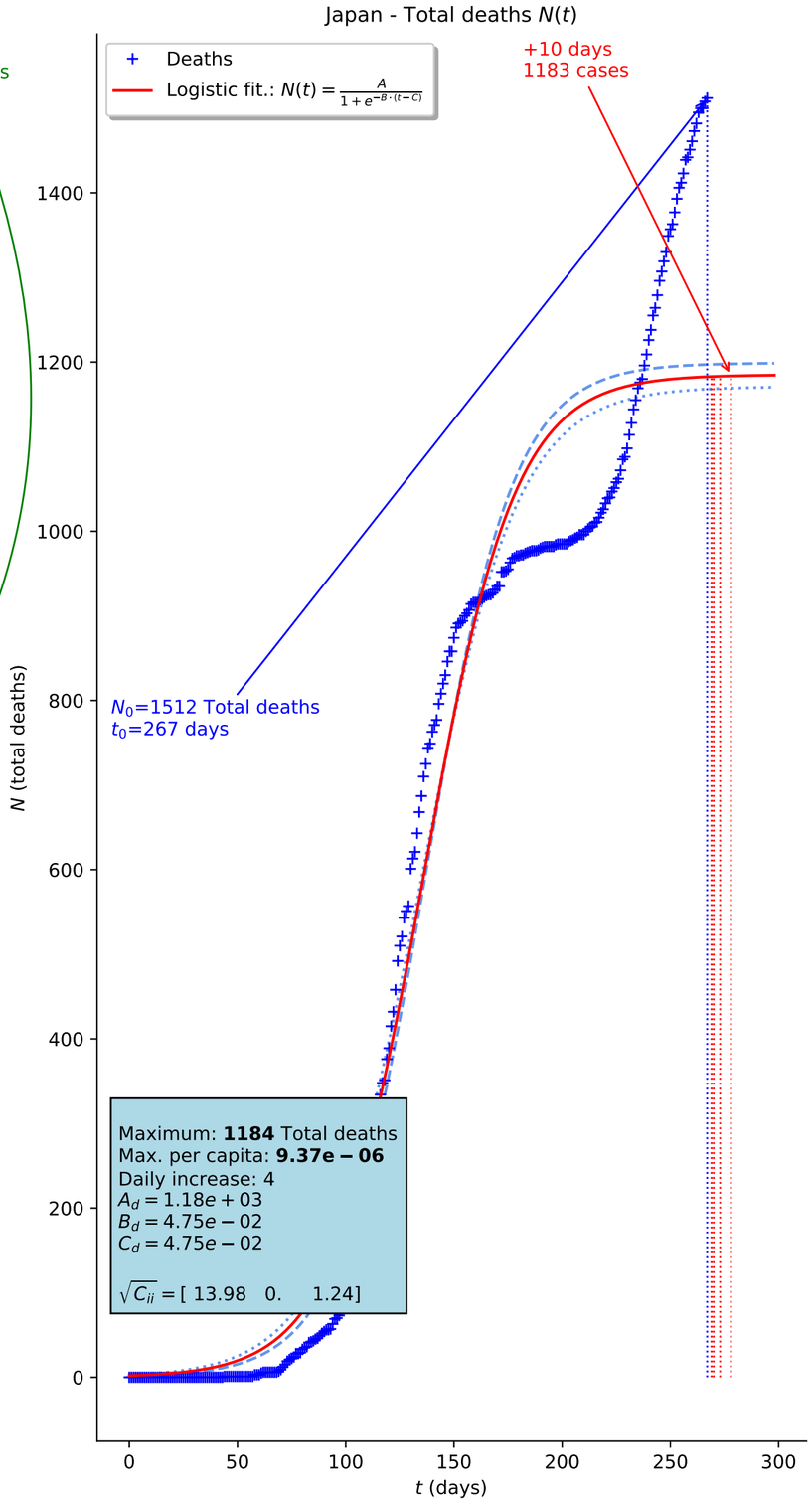

Italy - Confirmed cases $N(t)$ - Population: 60 421 760 people
Moving average: 5 days
Gaussian fit.: σ=18 days
Confirmed cases
Date: 2020-09-23
Peak at **93** days, in **−173** days
Daily increase: 41 cases
$\sqrt{C_{ii}}$ = [148.41 0.62 0.62]
N_{max}=5031 cases
t_{max}=93 days
N_0=1391 cases
t_0=267 days
$\frac{FWHM}{2}$ = 22 days
N (cases)
t (days)


Italy - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=300897 cases
t_0=267 days
93 days
99200 cases
+10 days
251573 cases
+5 days
251573 cases
+1 days
251573 cases
Maximum: **251574** cases
Max. per capita: **4.16e − 03**
Daily increase: 1391 cases
$A = 2.52e+05$
$B = 7.23e-02$
$C = 7.23e-02$
$\sqrt{C_{ii}}$ = [1251.23 0. 0.53]
N (total cases)
t (days)

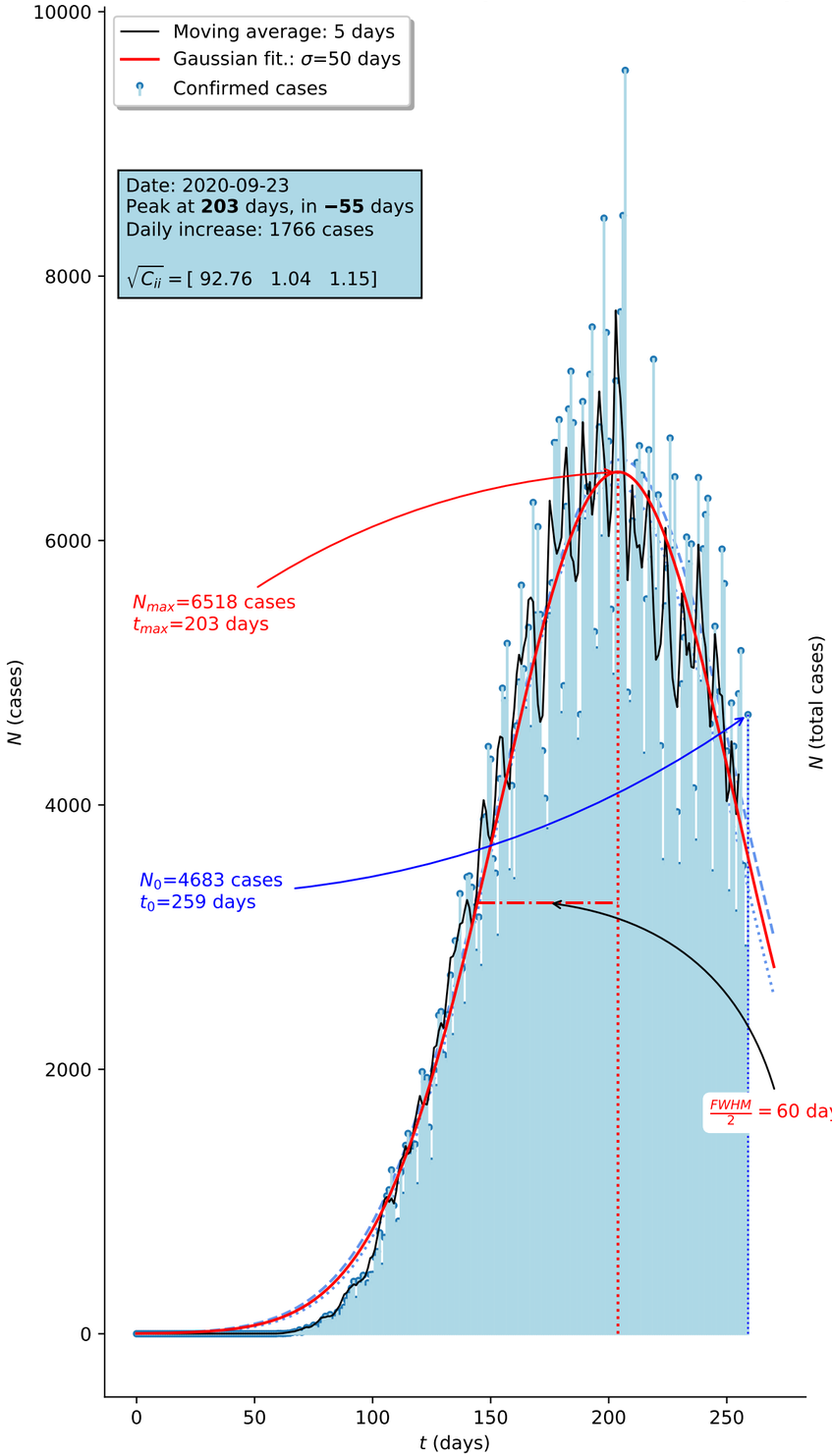

Italy - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
34834 cases
N_0=35738 Total deaths
t_0=267 days
Maximum: **34834** Total deaths
Max. per capita: **5.77e − 04**
Daily increase: 14
$A_d = 3.48e+04$
$B_d = 7.95e-02$
$C_d = 7.95e-02$
$\sqrt{C_{ii}}$ = [79.79 0. 0.23]
N (total deaths)
t (days)


Japan - Confirmed cases $N(t)$ - Population: 126 529 100 people
Moving average: 5 days
Gaussian fit.: σ=21 days
Confirmed cases
Date: 2020-09-23
Peak at 225 days, in −41 days
Daily increase: -451 cases
$\sqrt{C_{ii}}$ = [48.74 1.01 1.05]
N_{max}=1190 cases
t_{max}=225 days
N_0=330 cases
t_0=267 days
$\frac{FWHM}{2}$ = 25 days
N (cases)
t (days)

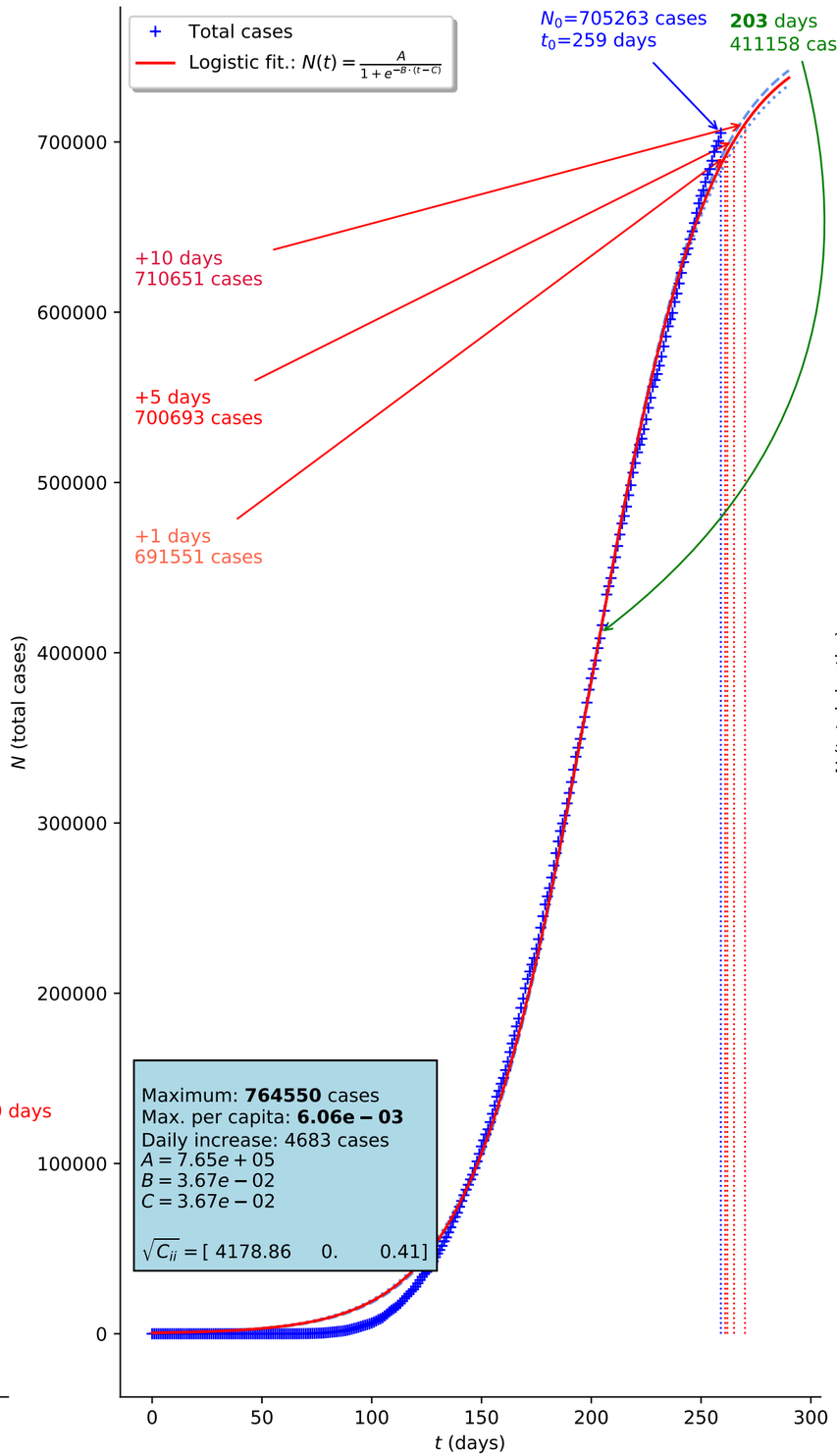

Japan - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=79768 cases
t_0=267 days
225 days
46830 cases
+10 days
100508 cases
+5 days
94196 cases
+1 days
89317 cases
Maximum: 321740 cases
Max. per capita: 2.54e − 03
Daily increase: 330 cases
$A = 3.22e+05$
$B = 1.86e-02$
$C = 1.86e-02$
$\sqrt{C_{ii}}$ = [92293.38 0. 22.65]
N (total cases)
t (days)


Japan - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
1183 cases
N_0=1512 Total deaths
t_0=267 days
Maximum: 1184 Total deaths
Max. per capita: 9.37e − 06
Daily increase: 4
$A_d = 1.18e+03$
$B_d = 4.75e-02$
$C_d = 4.75e-02$
$\sqrt{C_{ii}}$ = [13.98 0. 1.24]
N (total deaths)
t (days)

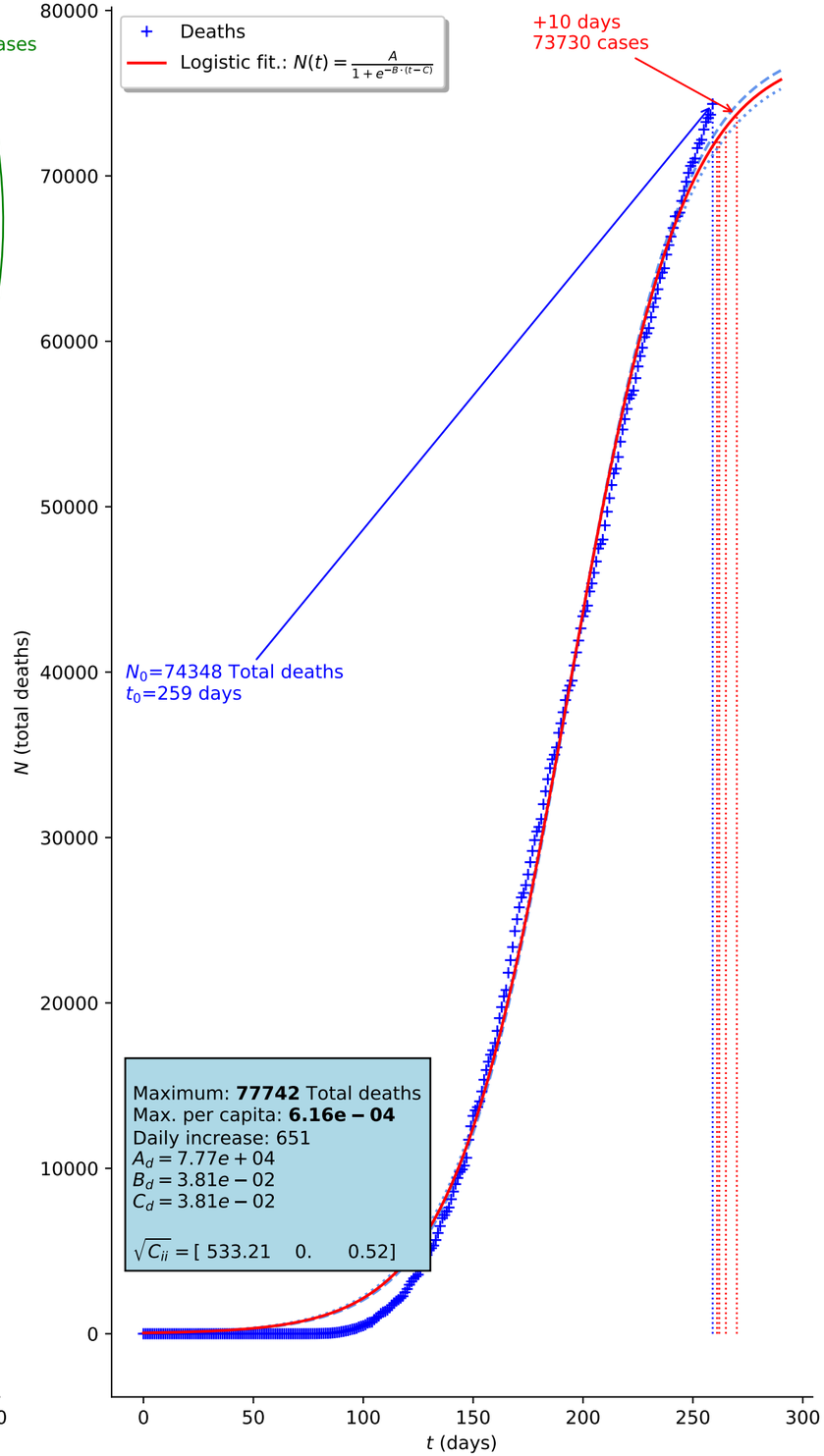
Mexico - Confirmed cases $N(t)$ - Population: 126 190 788 people



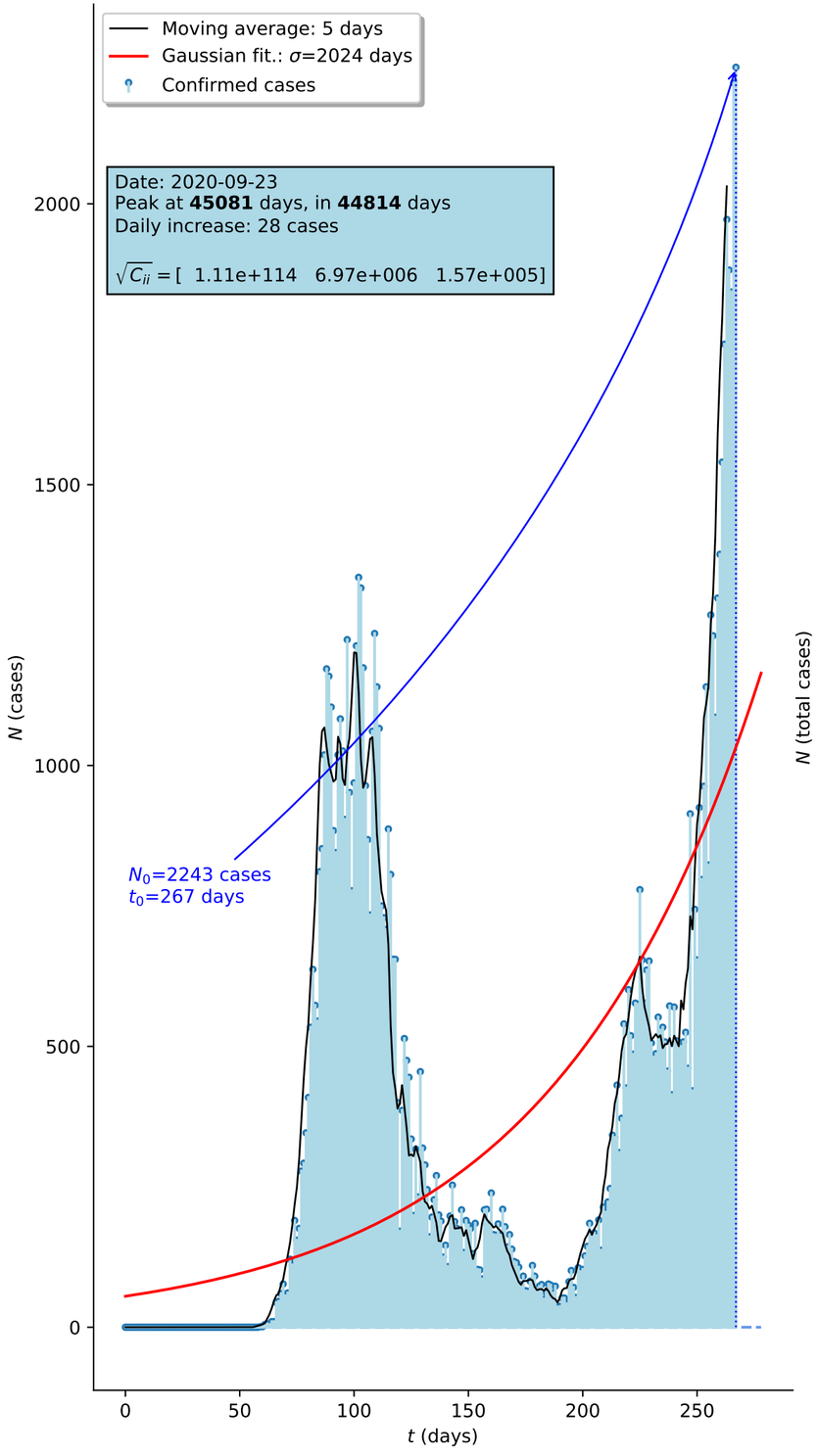
Mexico - Total confirmed cases $N(t)$



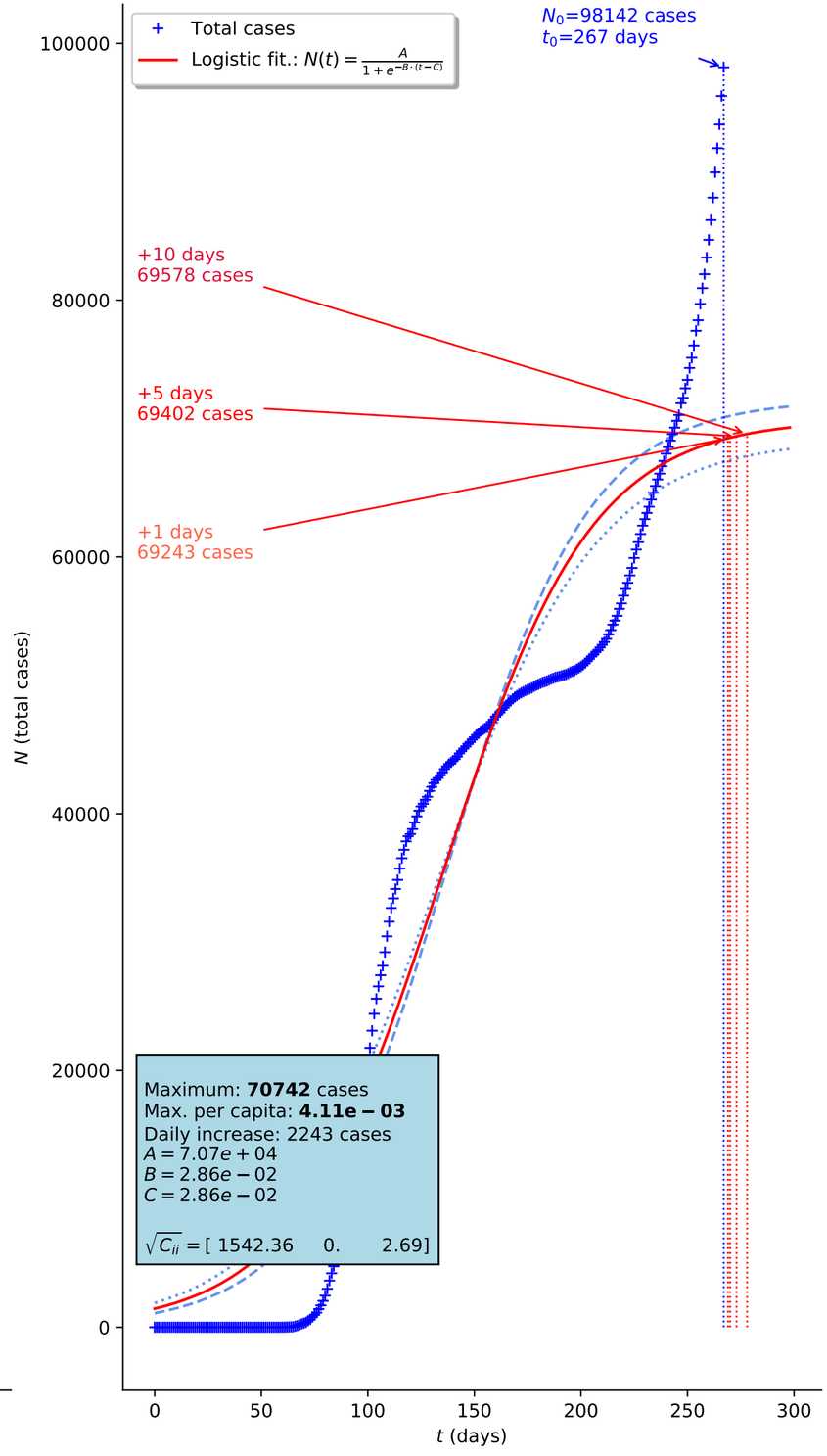
Mexico - Total deaths $N(t)$



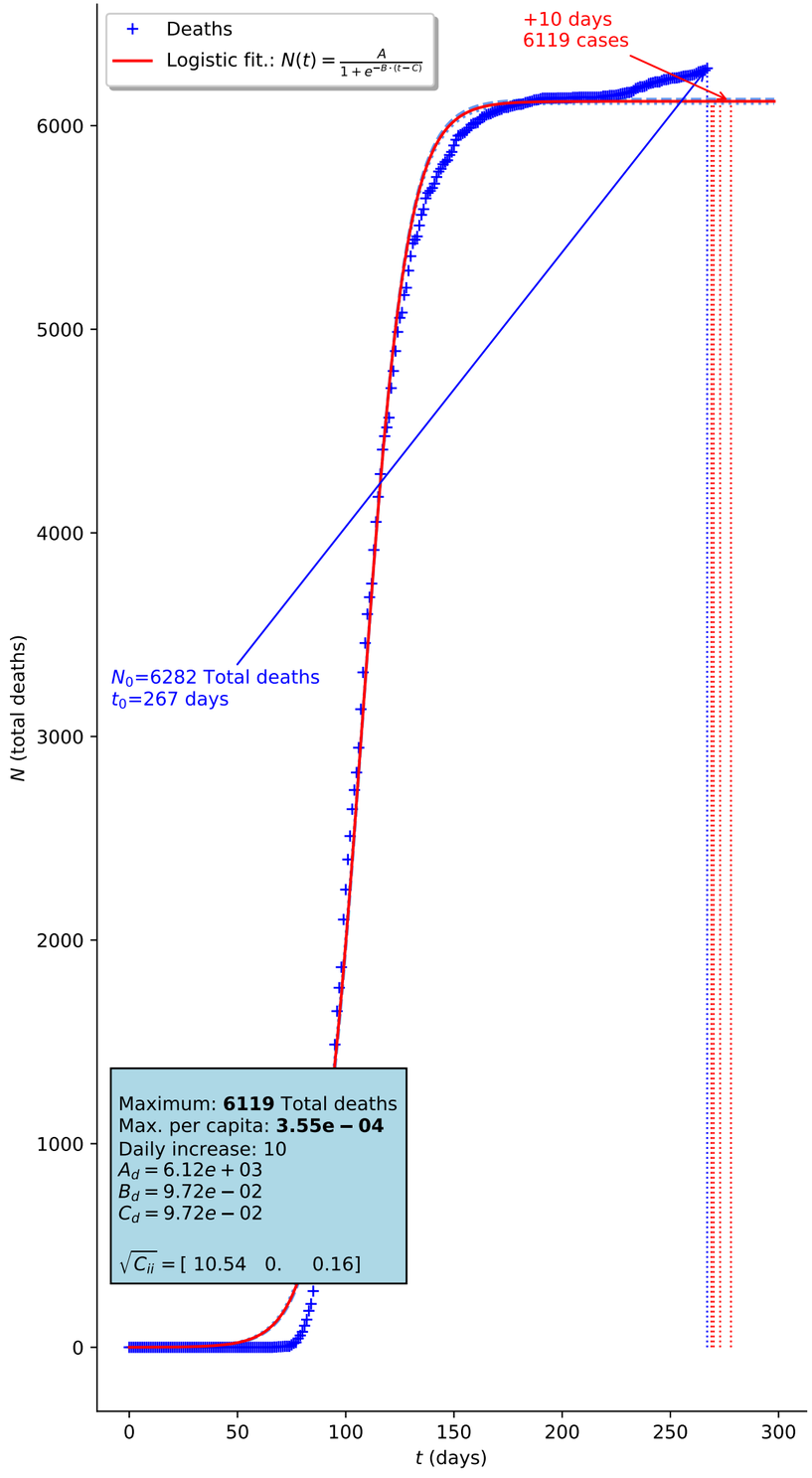
Netherlands - Confirmed cases $N(t)$ - Population: 17 231 624 people



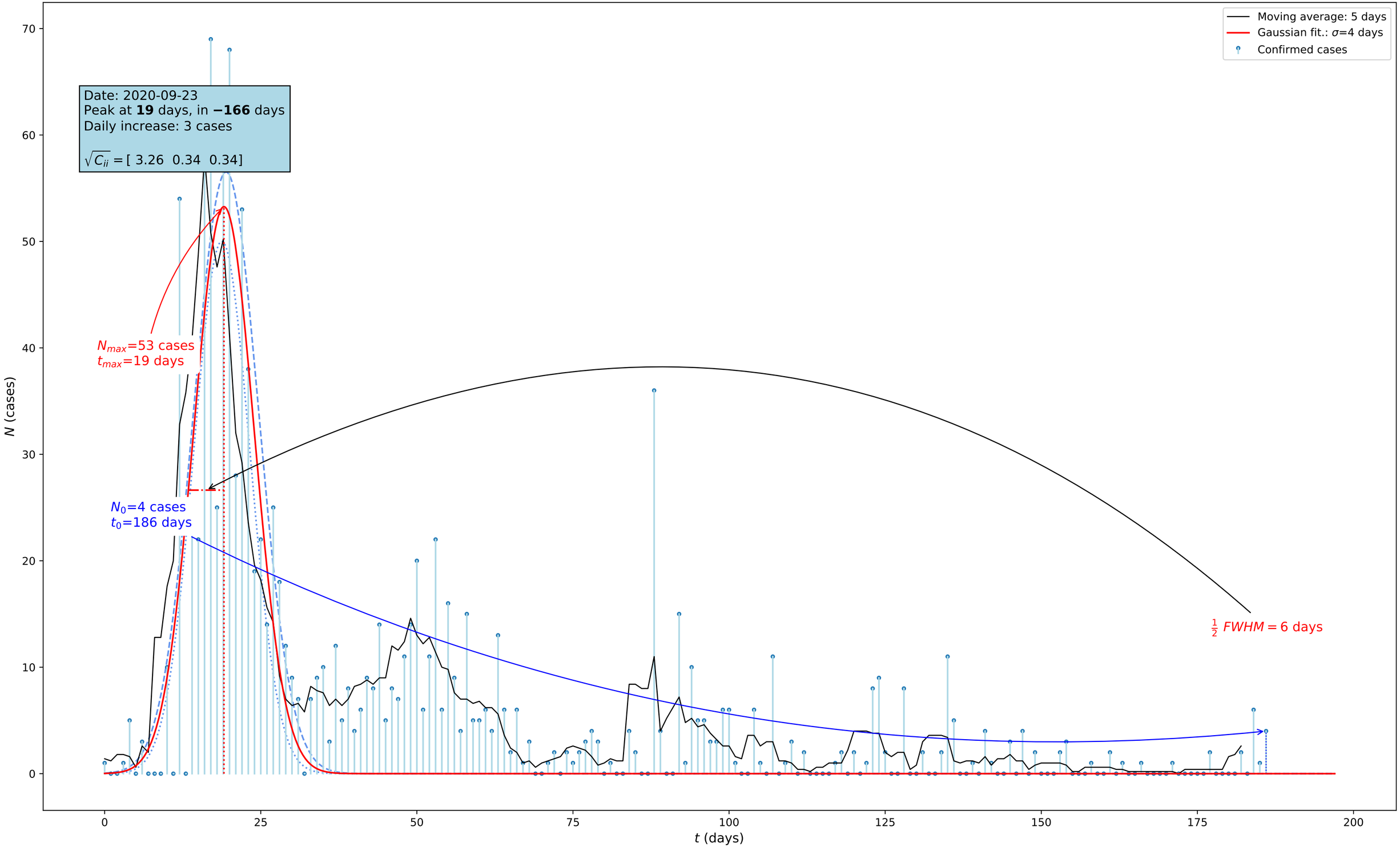
Netherlands - Total confirmed cases $N(t)$

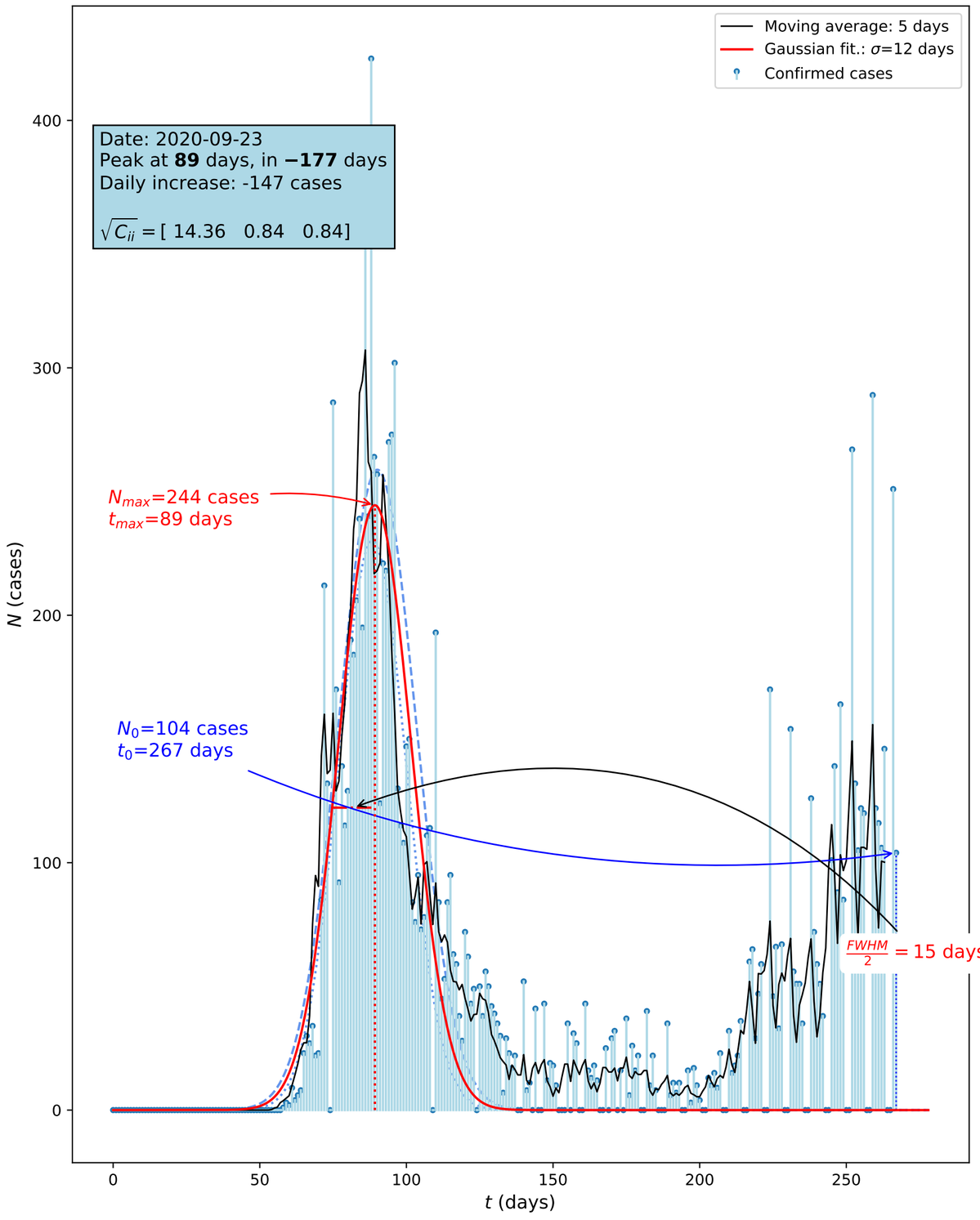


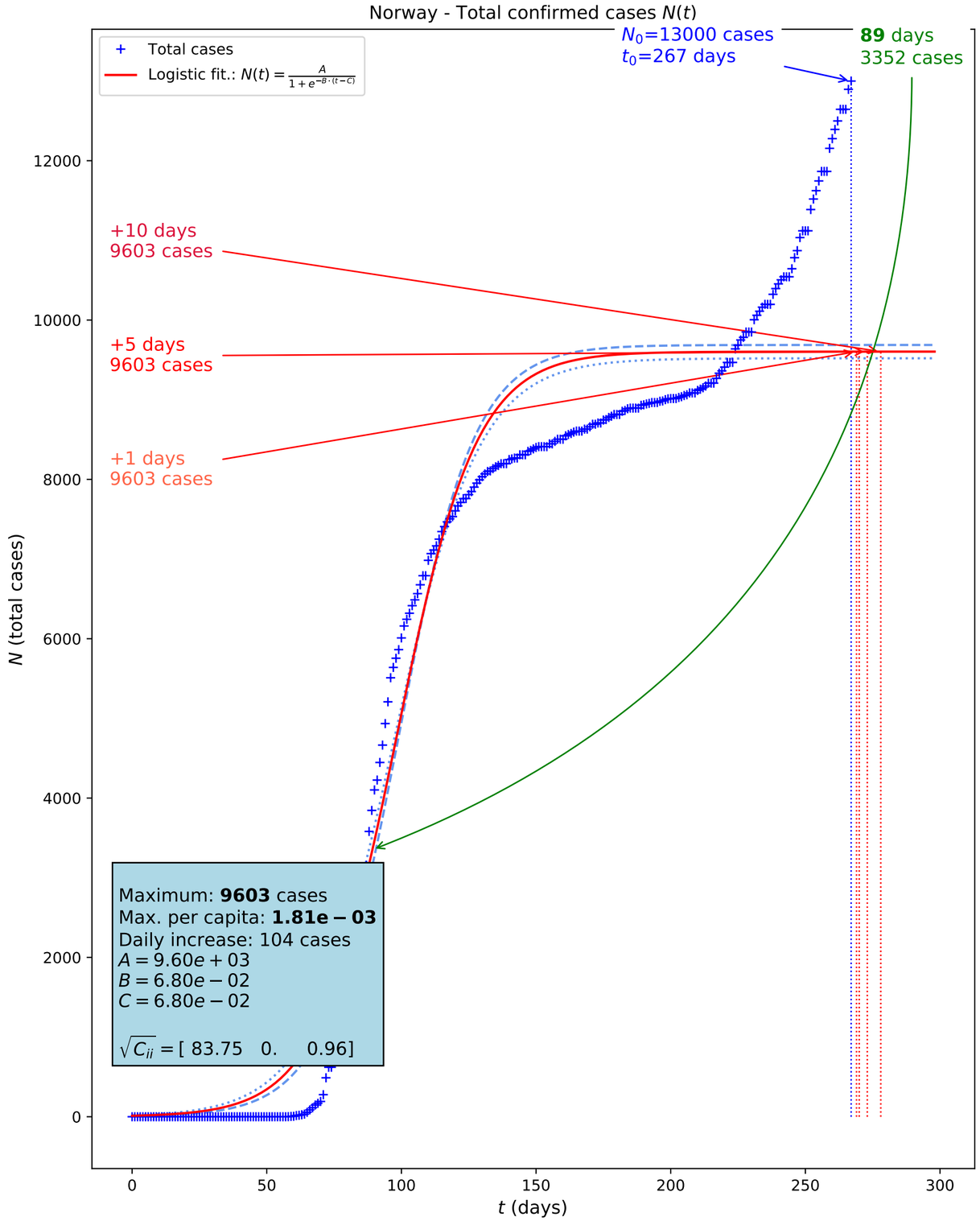
Netherlands - Total deaths $N(t)$



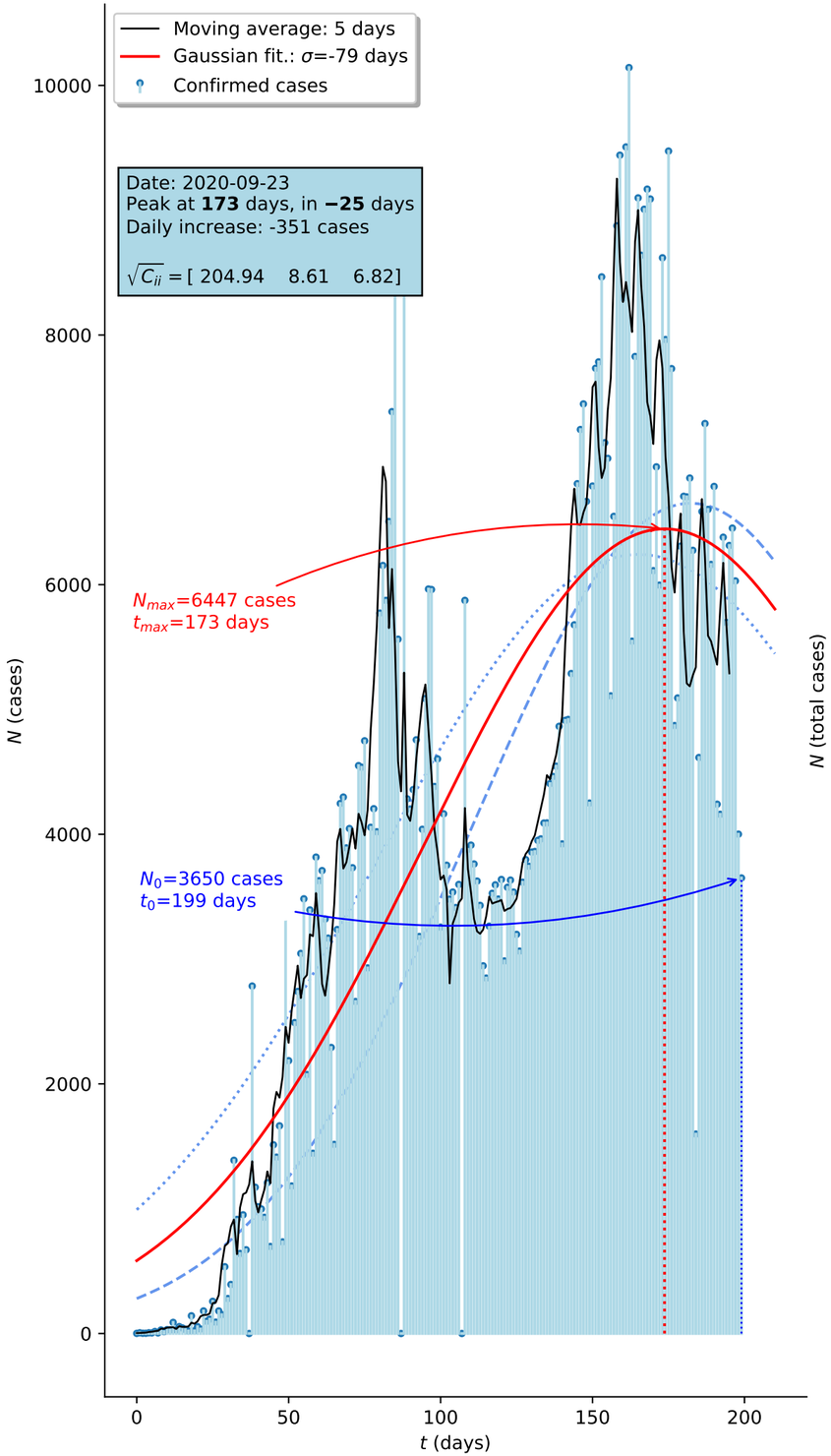
Niger - Confirmed cases $N(t)$ - Population: 22 442 948 people



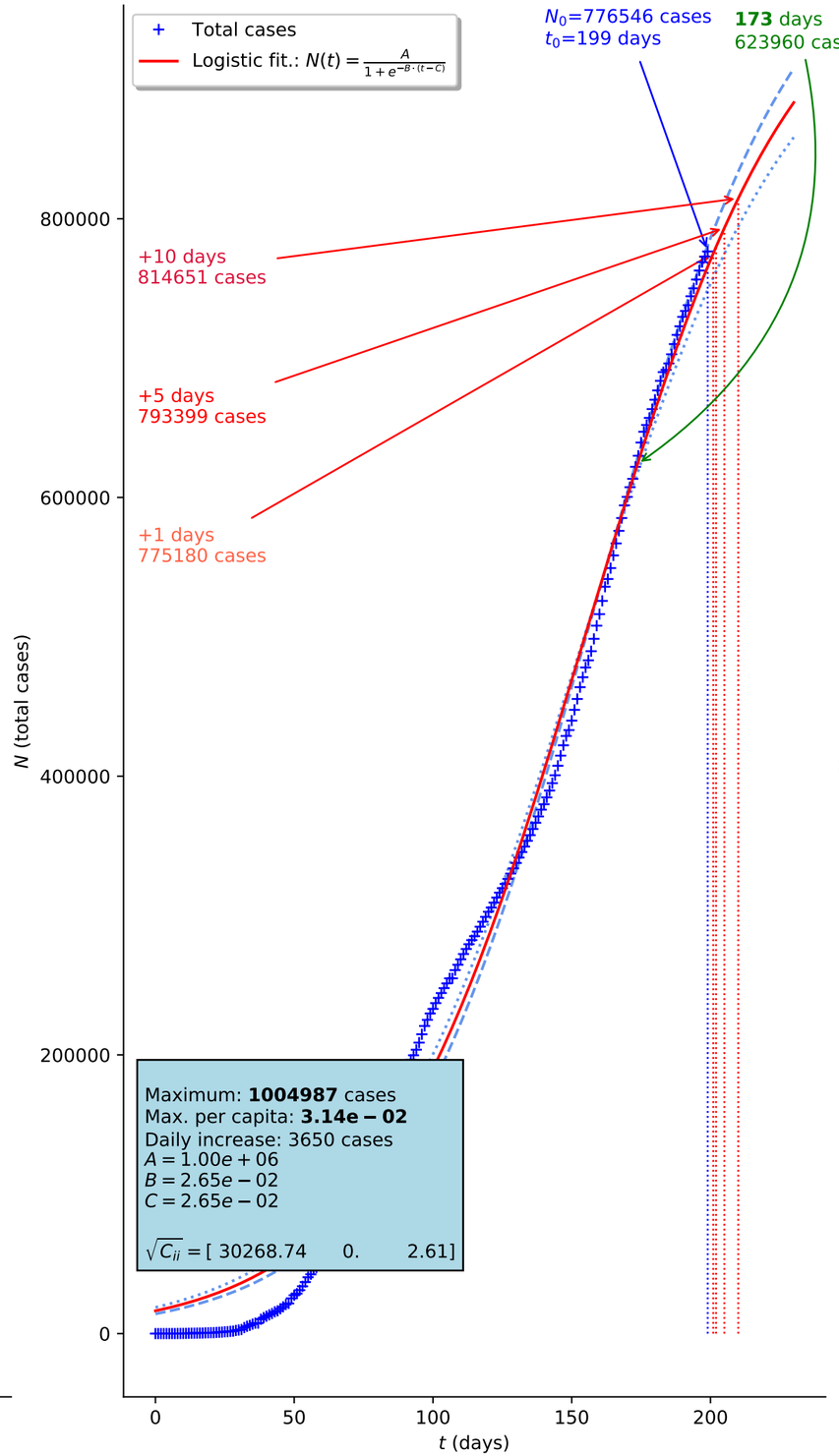

Norway - Confirmed cases $N(t)$ - Population: 5 311 916 people
Moving average: 5 days
Gaussian fit.: σ=12 days
Confirmed cases
Date: 2020-09-23
Peak at **89** days, in **−177** days
Daily increase: -147 cases
$\sqrt{C_{ii}}$ = [14.36 0.84 0.84]
N_{max}=244 cases
t_{max}=89 days
N_0=104 cases
t_0=267 days
$\frac{FWHM}{2}$ = 15 days
N (cases)
t (days)


Norway - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=13000 cases
t_0=267 days
89 days
3352 cases
+10 days
9603 cases
+5 days
9603 cases
+1 days
9603 cases
Maximum: **9603** cases
Max. per capita: **1.81e − 03**
Daily increase: 104 cases
$A = 9.60e+03$
$B = 6.80e-02$
$C = 6.80e-02$
$\sqrt{C_{ii}}$ = [83.75 0. 0.96]
N (total cases)
t (days)

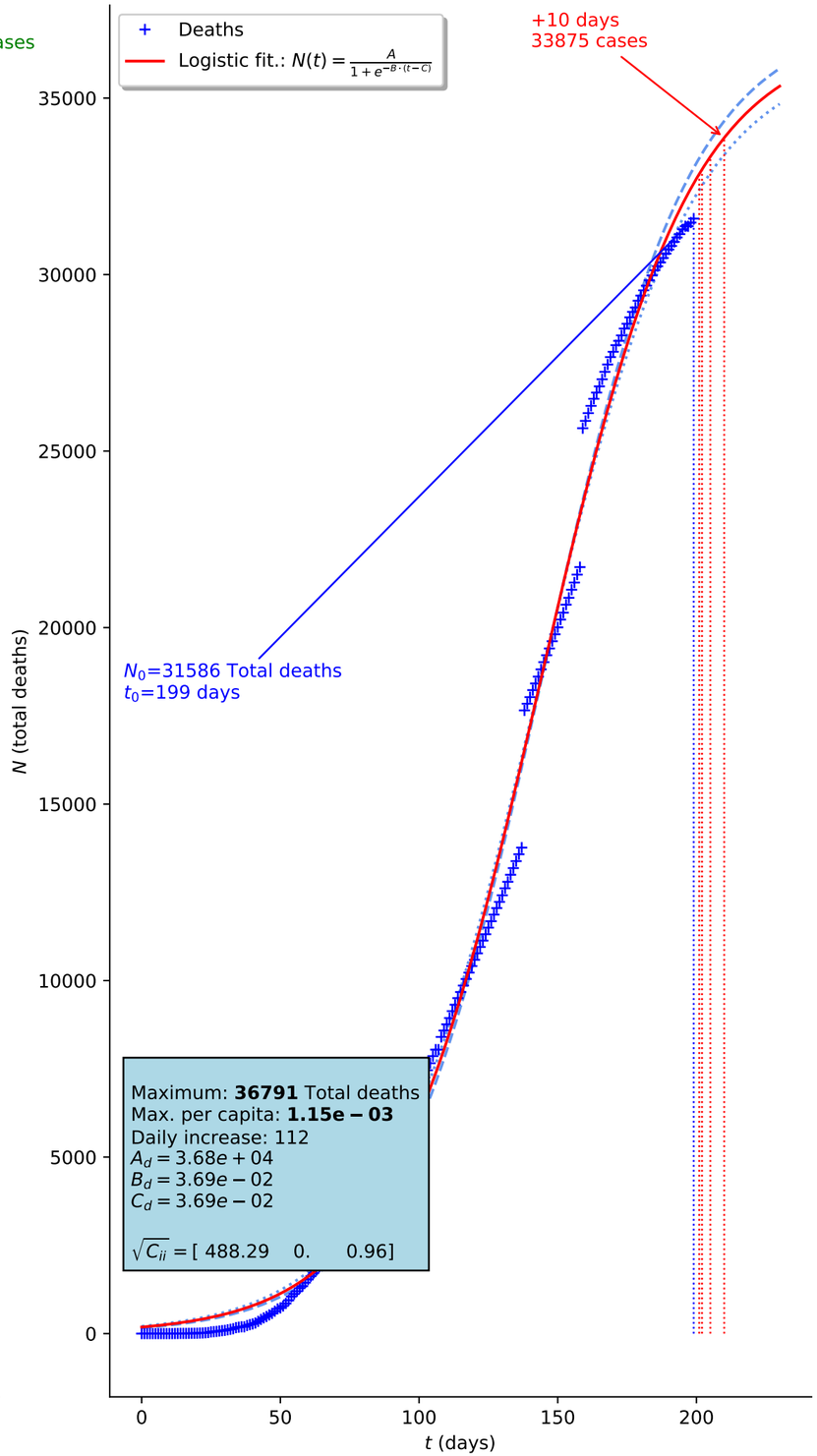
Peru - Confirmed cases $N(t)$ - Population: 31 989 256 people



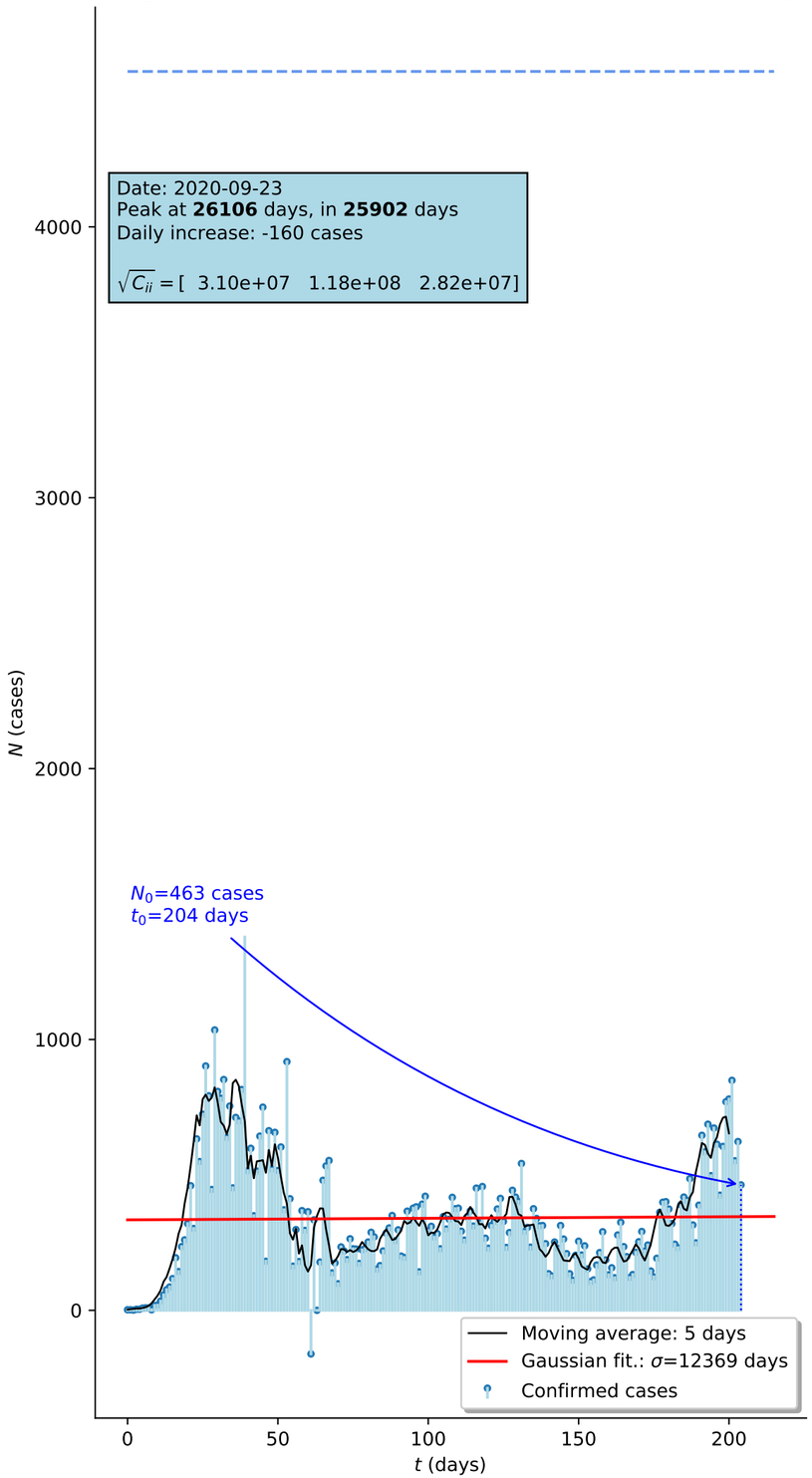
Peru - Total confirmed cases $N(t)$



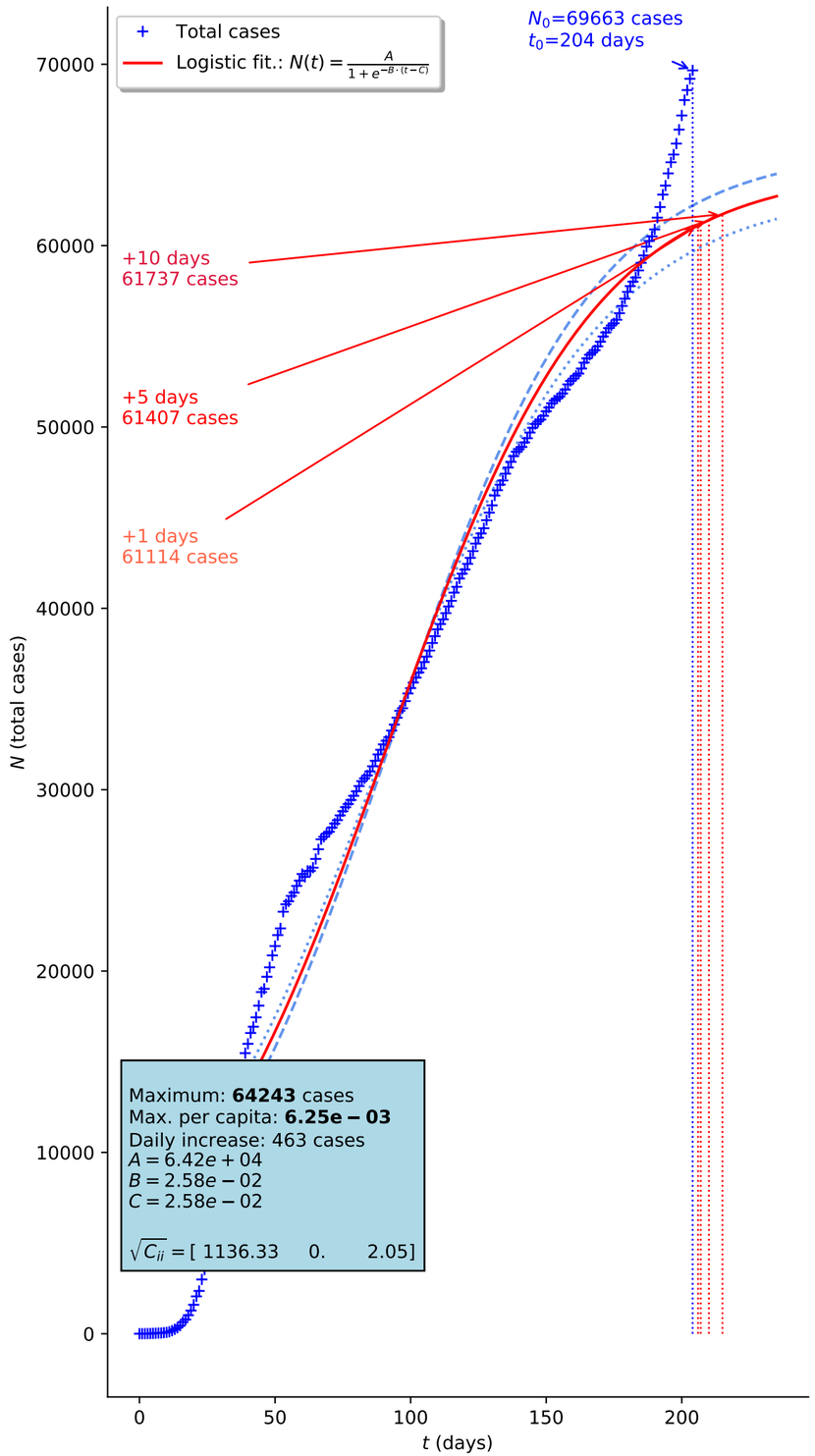
Peru - Total deaths $N(t)$



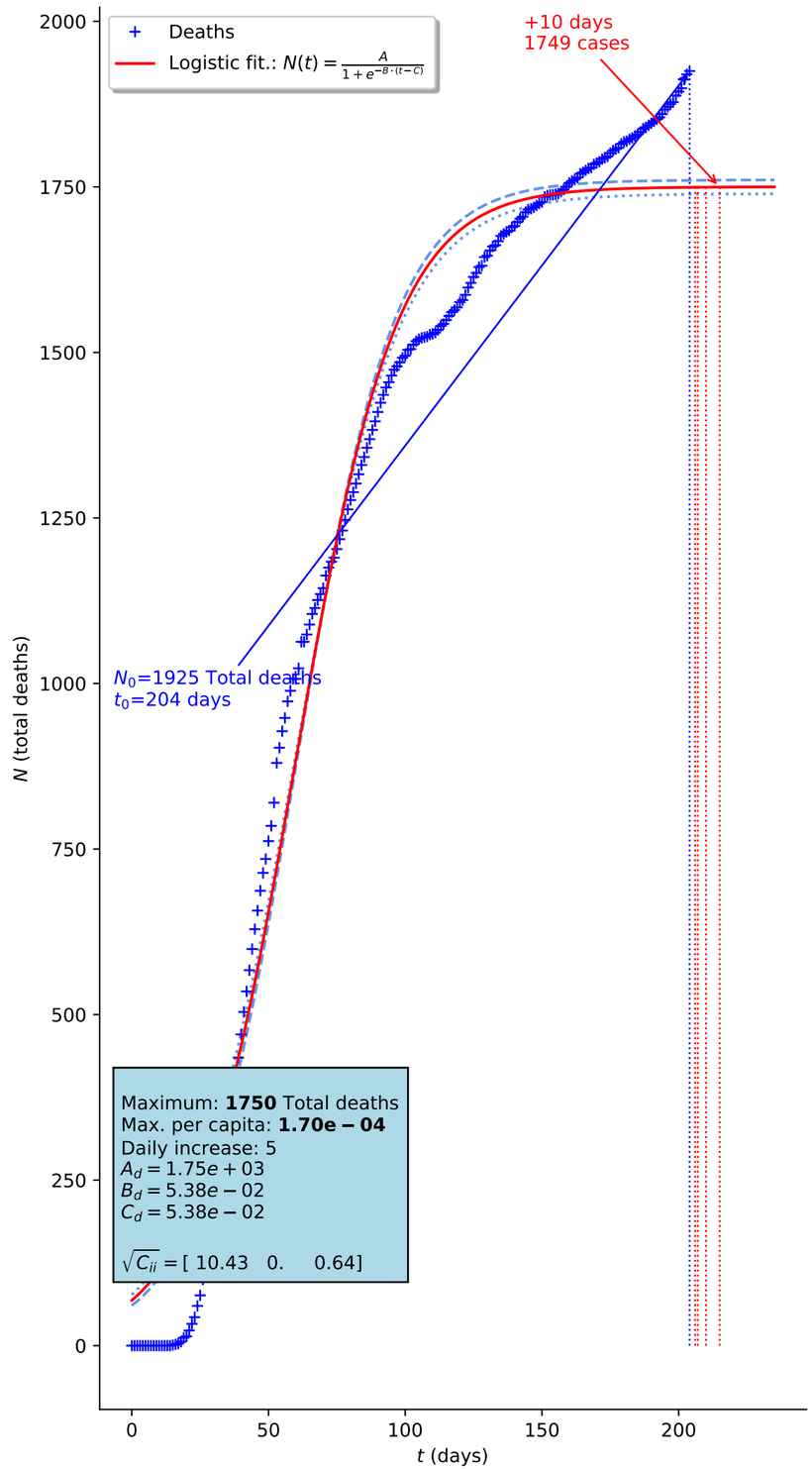
Portugal - Confirmed cases $N(t)$ - Population: 10 283 822 people

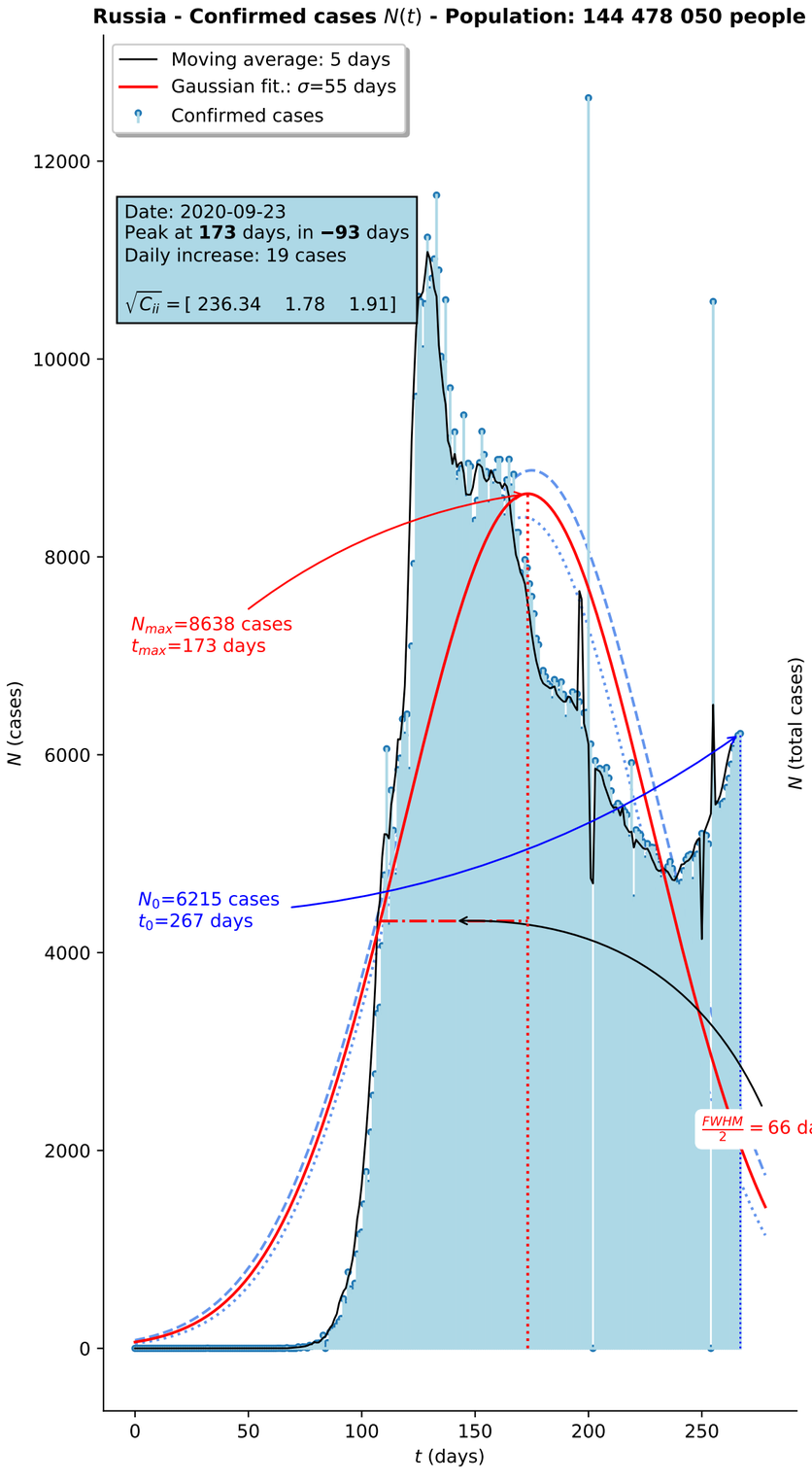


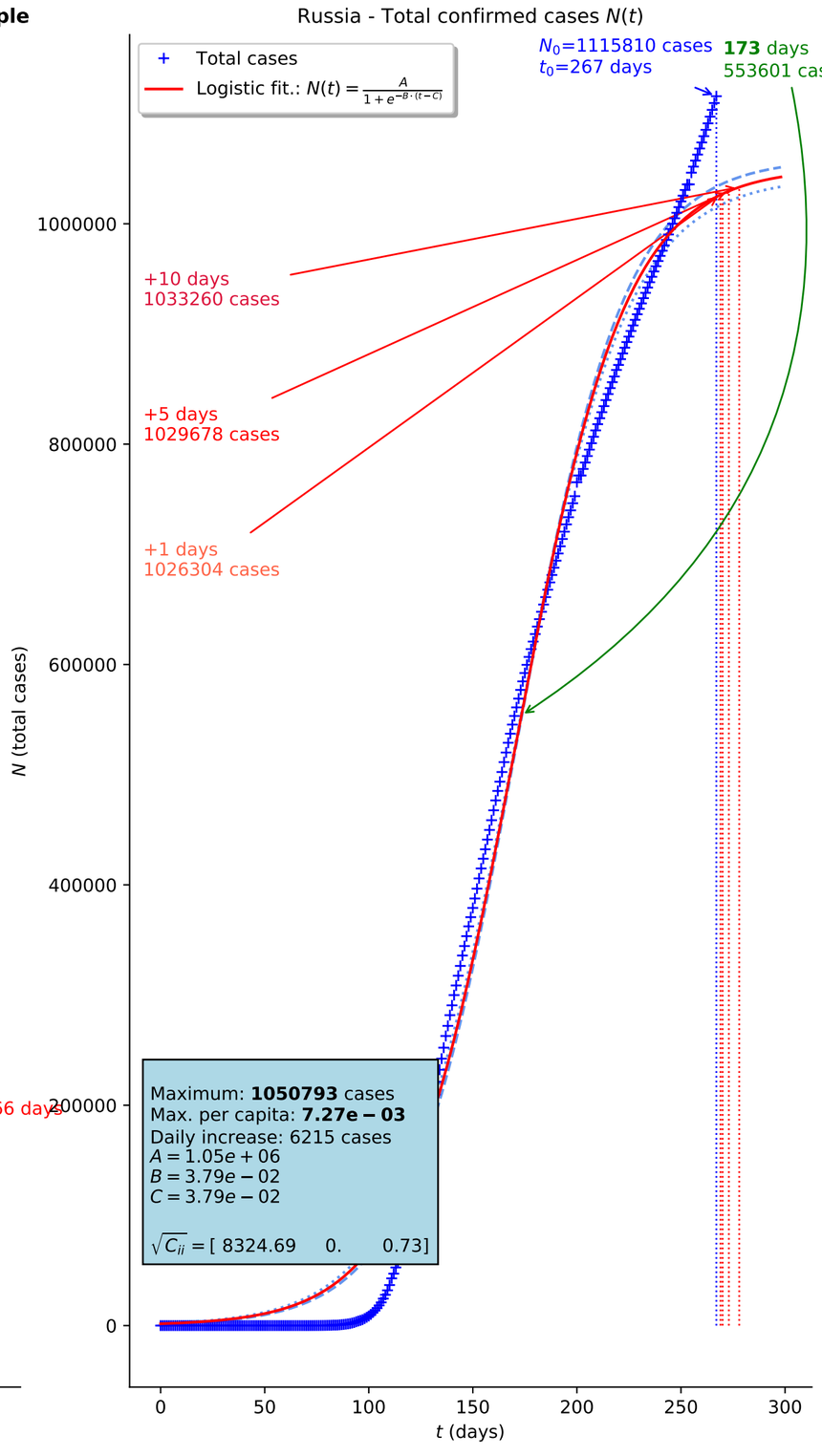
Portugal - Total confirmed cases $N(t)$

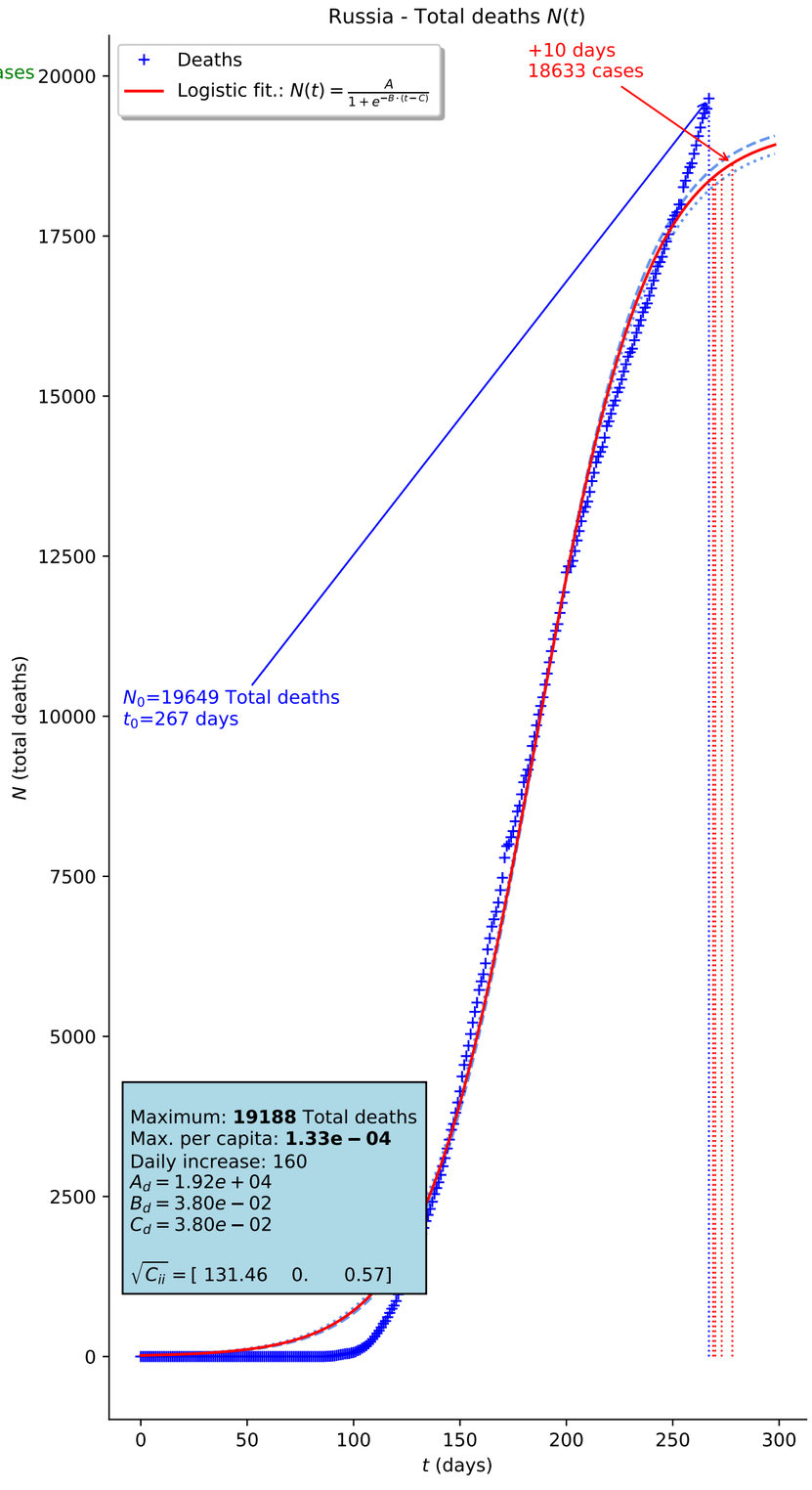


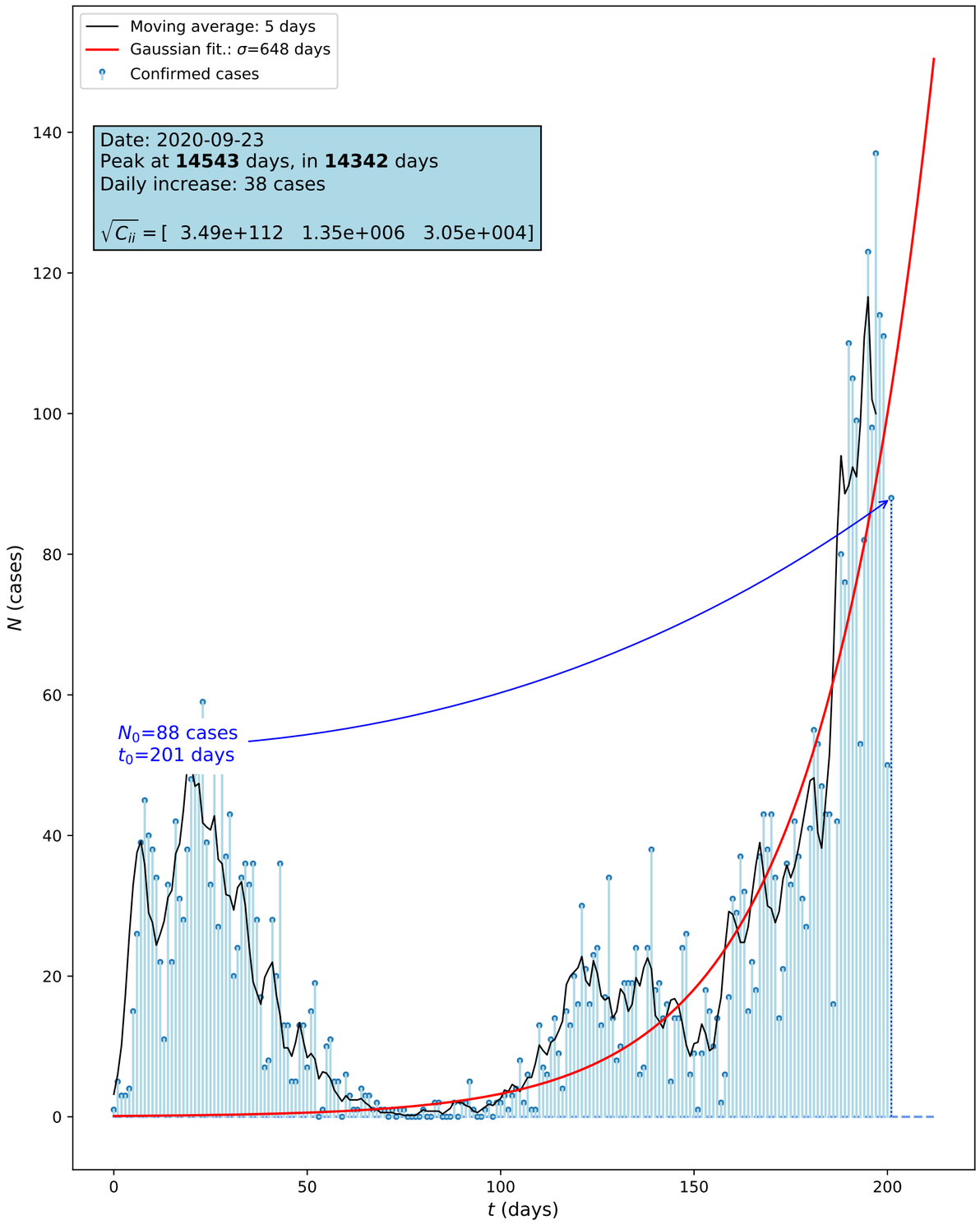
Portugal - Total deaths $N(t)$

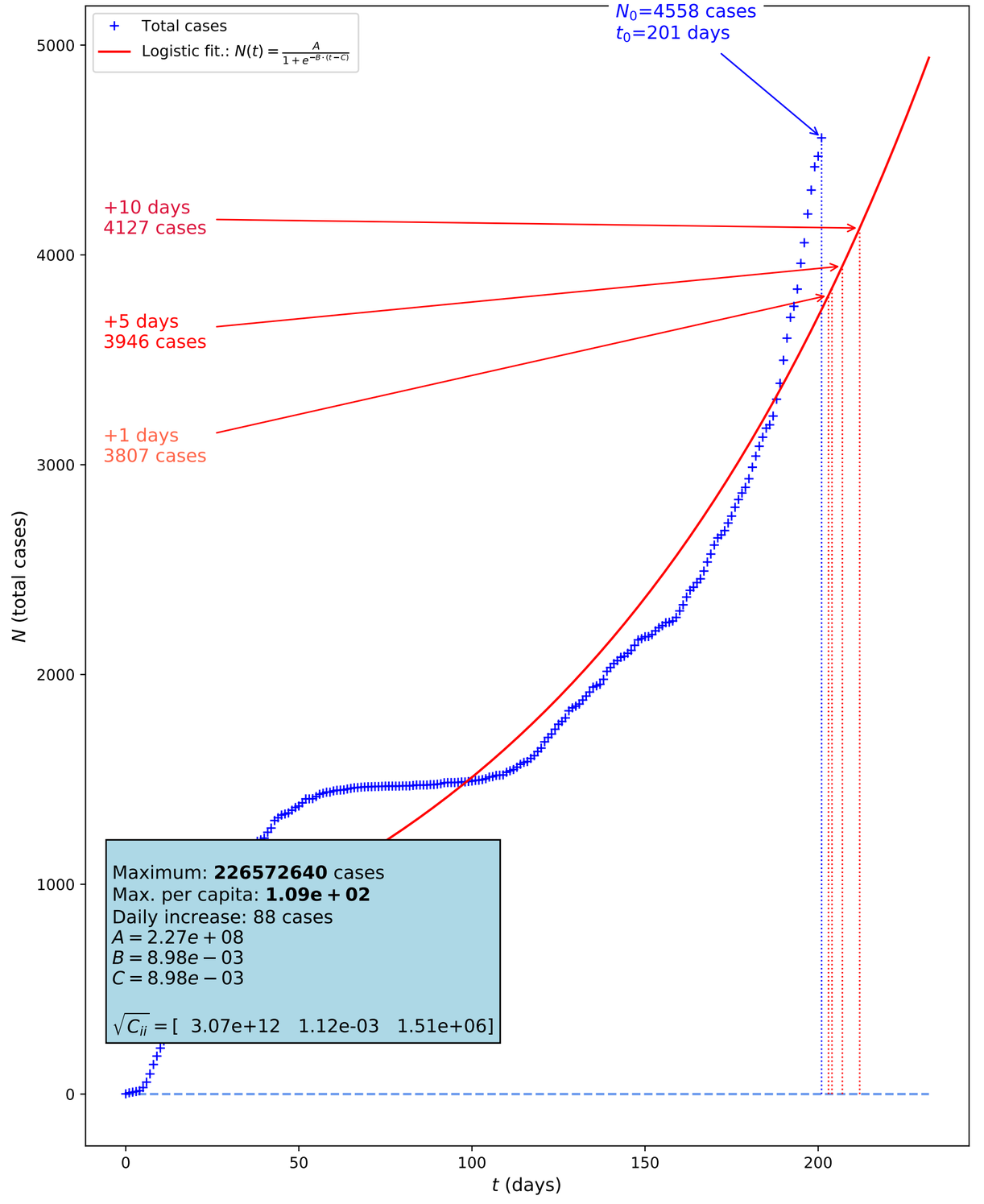


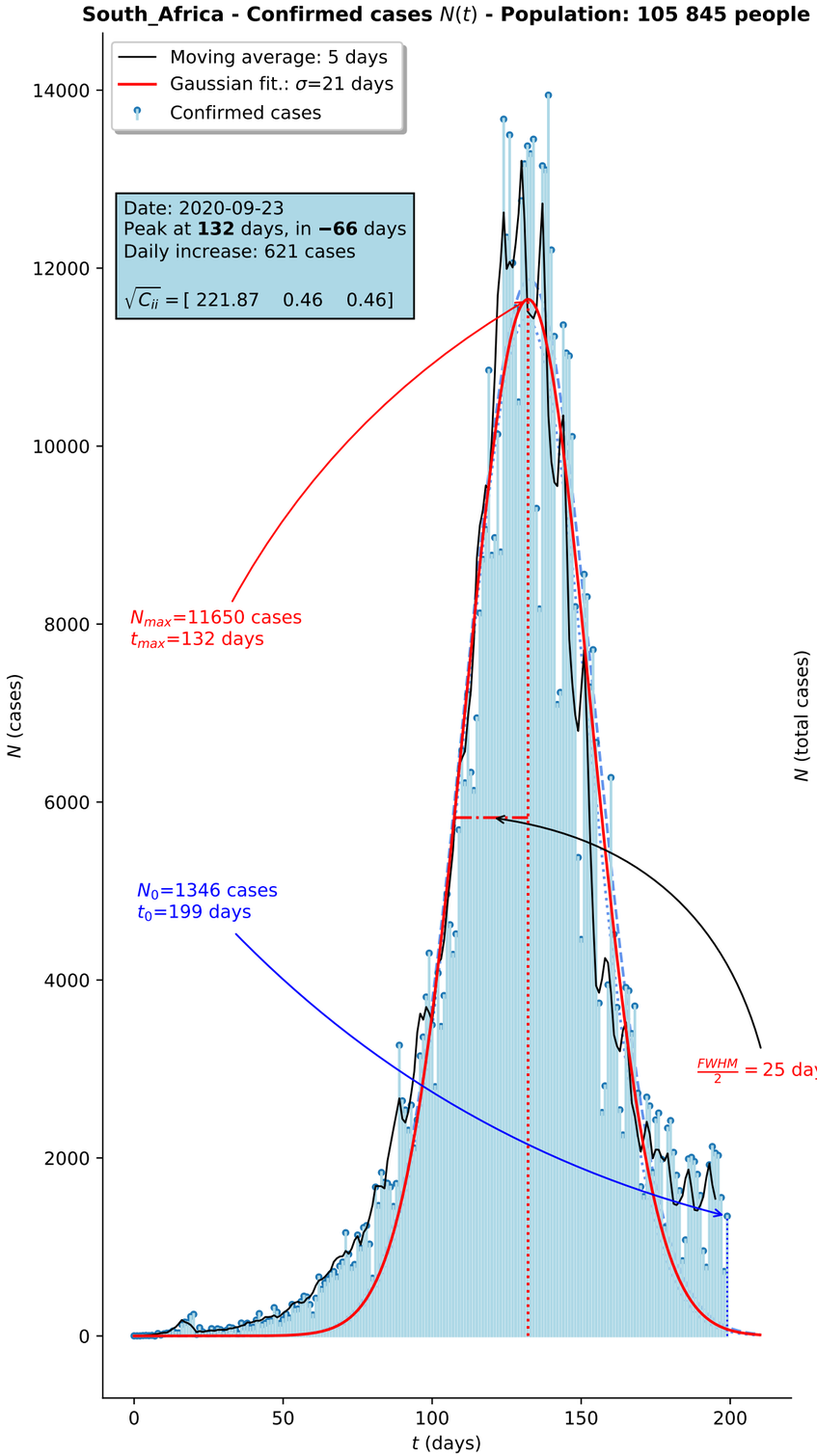

Russia - Confirmed cases $N(t)$ - Population: 144 478 050 people
Moving average: 5 days
Gaussian fit.: σ=55 days
Confirmed cases
Date: 2020-09-23
Peak at 173 days, in −93 days
Daily increase: 19 cases
$\sqrt{C_{ii}}$ = [236.34 1.78 1.91]
N_{max}=8638 cases
t_{max}=173 days
N_0=6215 cases
t_0=267 days
$\frac{FWHM}{2}$ = 66 days
N (cases)
t (days)

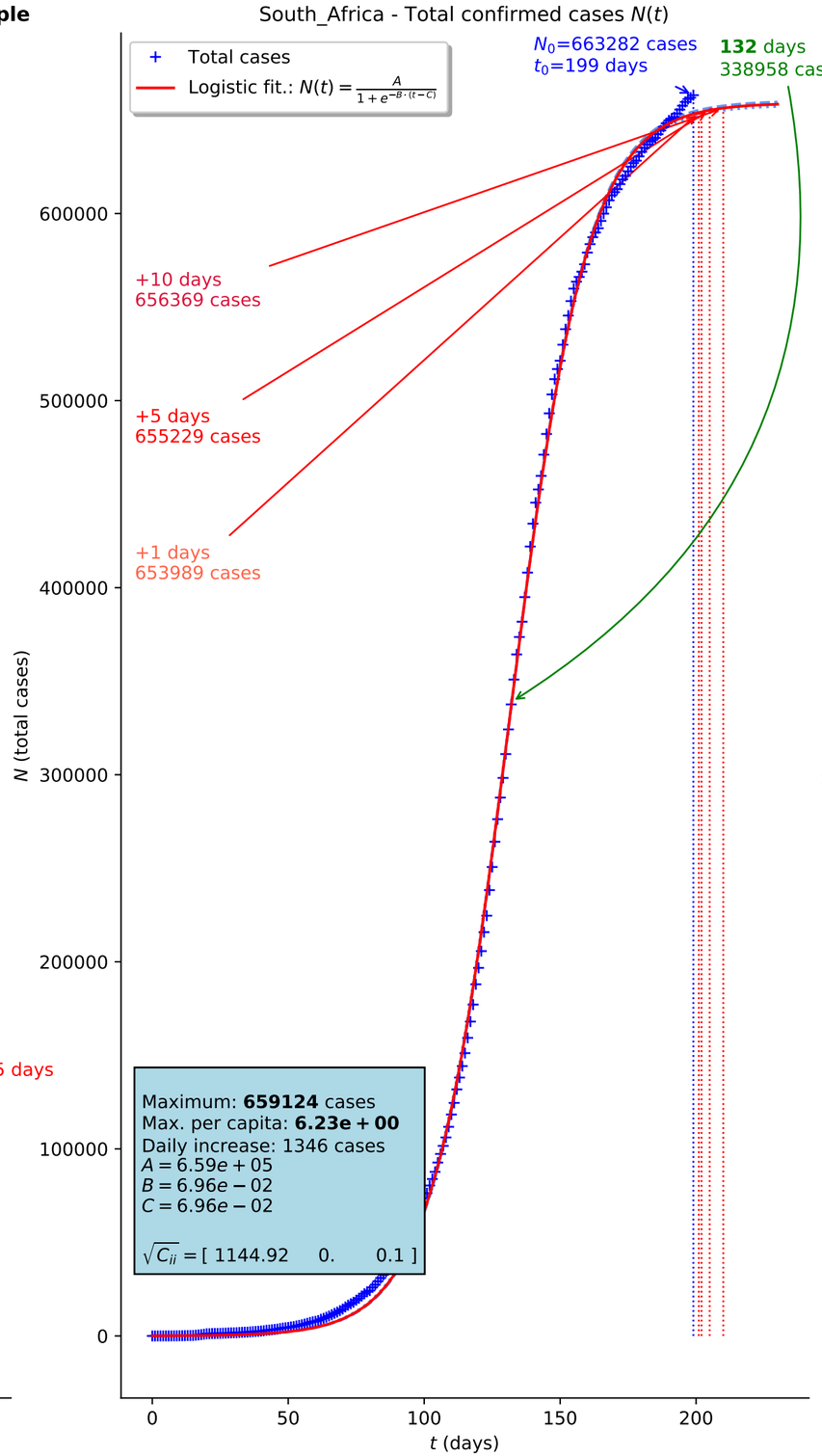

Russia - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=1115810 cases
t_0=267 days
173 days
553601 cases
+10 days
1033260 cases
+5 days
1029678 cases
+1 days
1026304 cases
Maximum: 1050793 cases
Max. per capita: 7.27e − 03
Daily increase: 6215 cases
$A = 1.05e+06$
$B = 3.79e-02$
$C = 3.79e-02$
$\sqrt{C_{ii}}$ = [8324.69 0. 0.73]
N (total cases)
t (days)

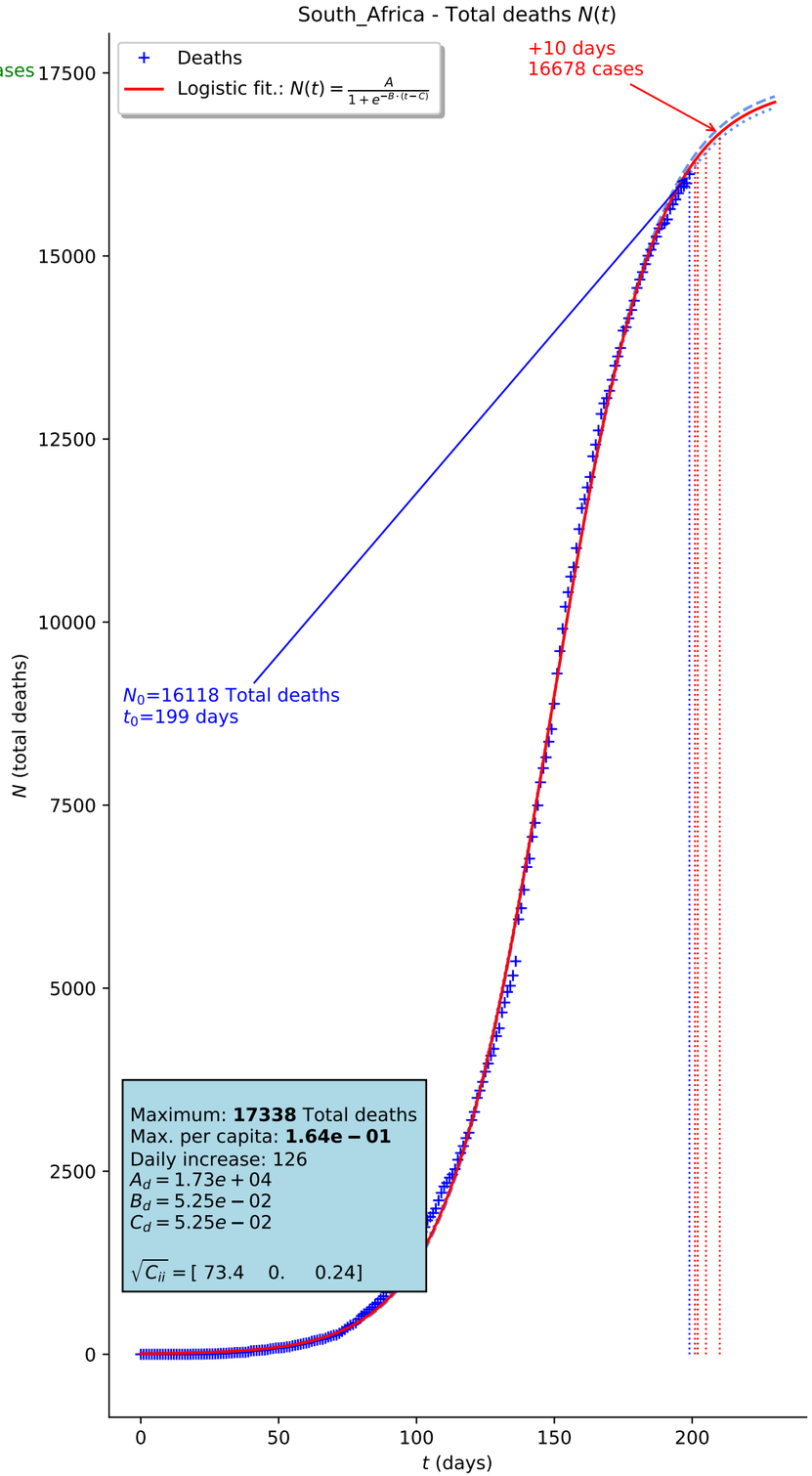

Russia - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
18633 cases
N_0=19649 Total deaths
t_0=267 days
Maximum: 19188 Total deaths
Max. per capita: 1.33e − 04
Daily increase: 160
$A_d = 1.92e+04$
$B_d = 3.80e-02$
$C_d = 3.80e-02$
$\sqrt{C_{ii}}$ = [131.46 0. 0.57]
N (total deaths)
t (days)

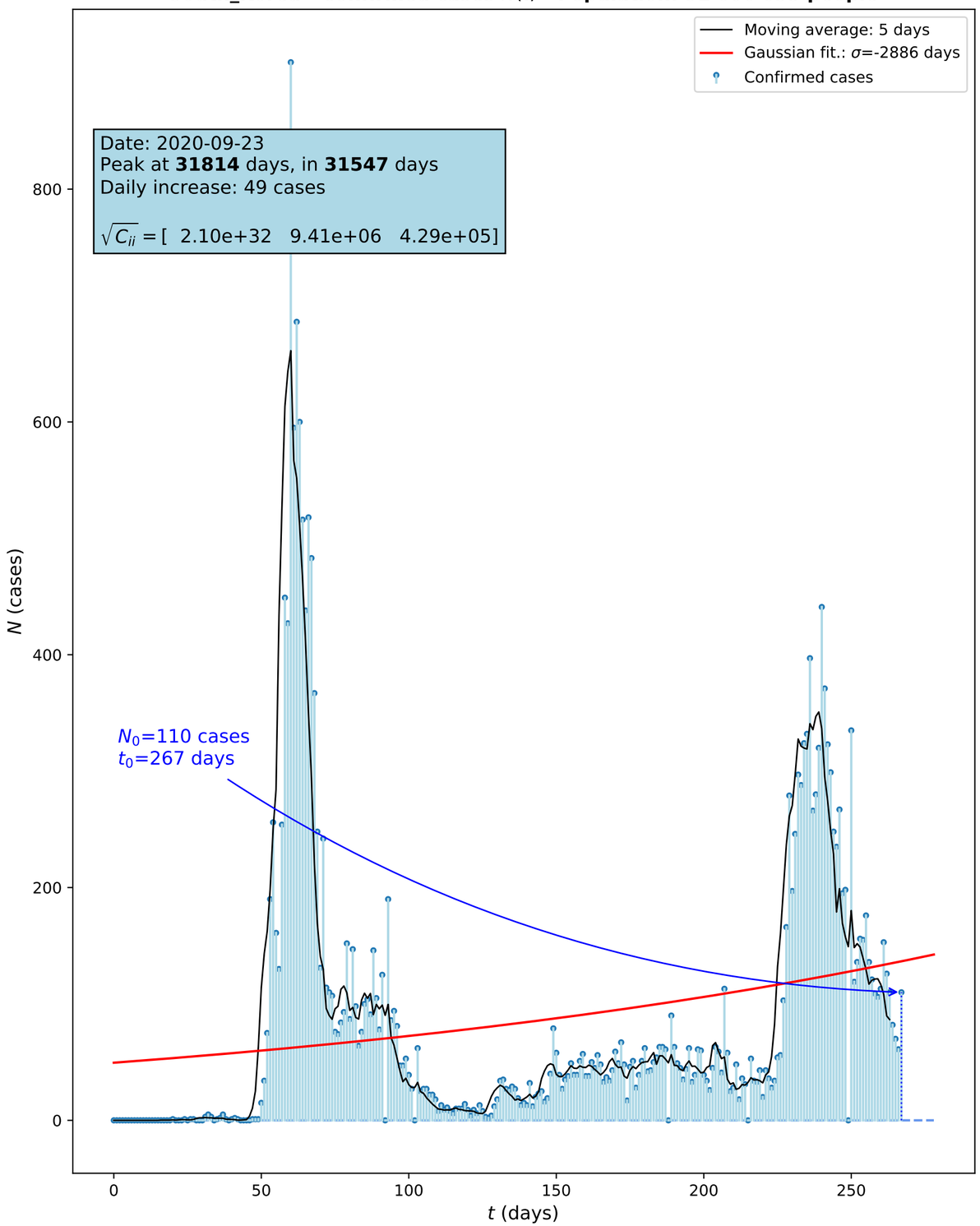

Slovenia - Confirmed cases $N(t)$ - Population: 2 073 894 people
Moving average: 5 days
Gaussian fit.: σ=648 days
Confirmed cases
Date: 2020-09-23
Peak at **14543** days, in **14342** days
Daily increase: 38 cases
$\sqrt{C_{ii}}$ = [3.49e+112 1.35e+006 3.05e+004]
N_0=88 cases
t_0=201 days
N (cases)
t (days)

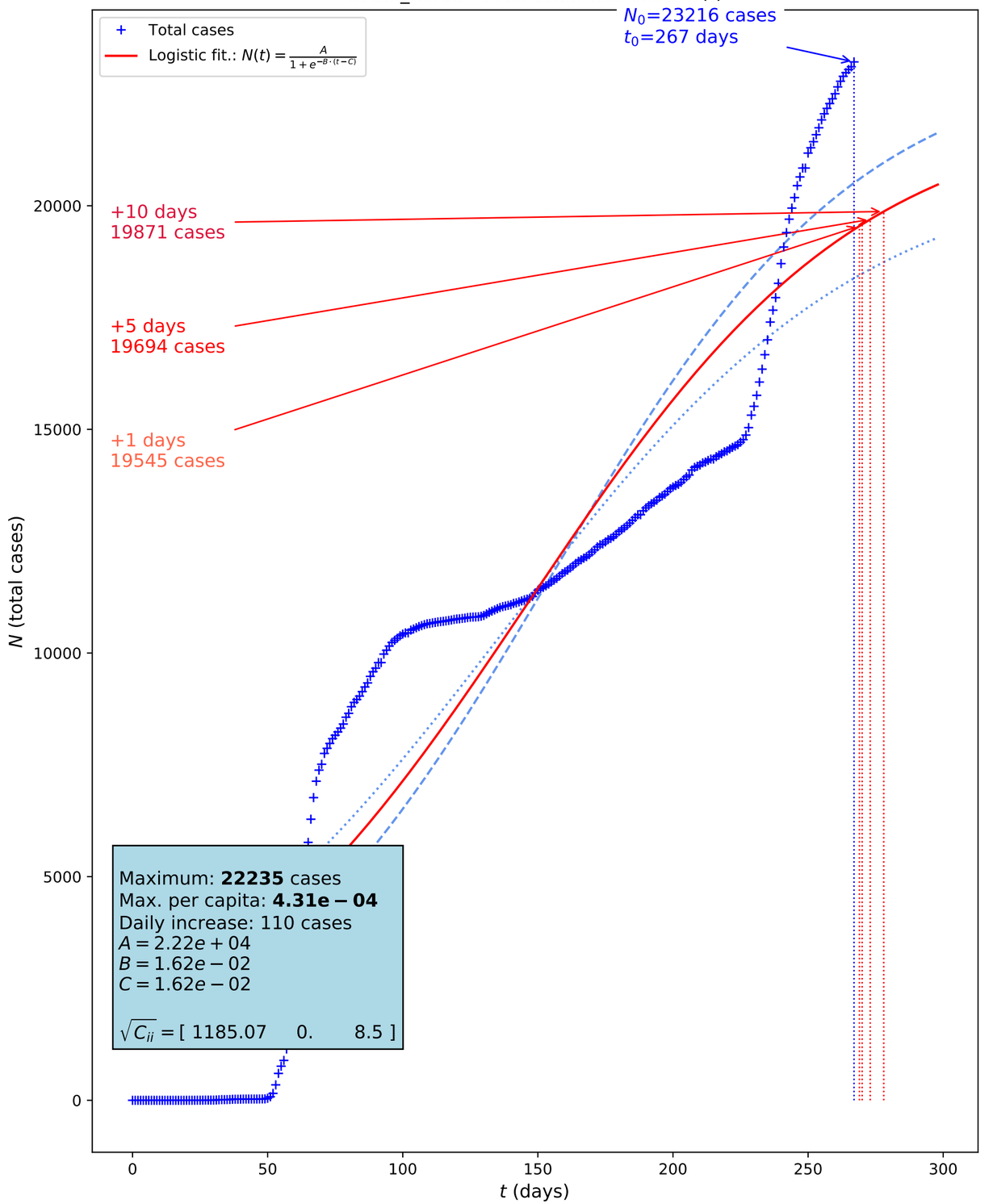

Slovenia - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=4558 cases
t_0=201 days
+10 days
4127 cases
+5 days
3946 cases
+1 days
3807 cases
Maximum: **226572640** cases
Max. per capita: **1.09e + 02**
Daily increase: 88 cases
$A = 2.27e+08$
$B = 8.98e-03$
$C = 8.98e-03$
$\sqrt{C_{ii}}$ = [3.07e+12 1.12e-03 1.51e+06]
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: 2020-09-23
Peak at 132 days, in −66 days
Daily increase: 621 cases
$\sqrt{C_{ii}}$ = [221.87 0.46 0.46]
N_{max}=11650 cases
t_{max}=132 days
N_0=1346 cases
t_0=199 days
$\frac{FWHM}{2}$ = 25 days
N (cases)
t (days)

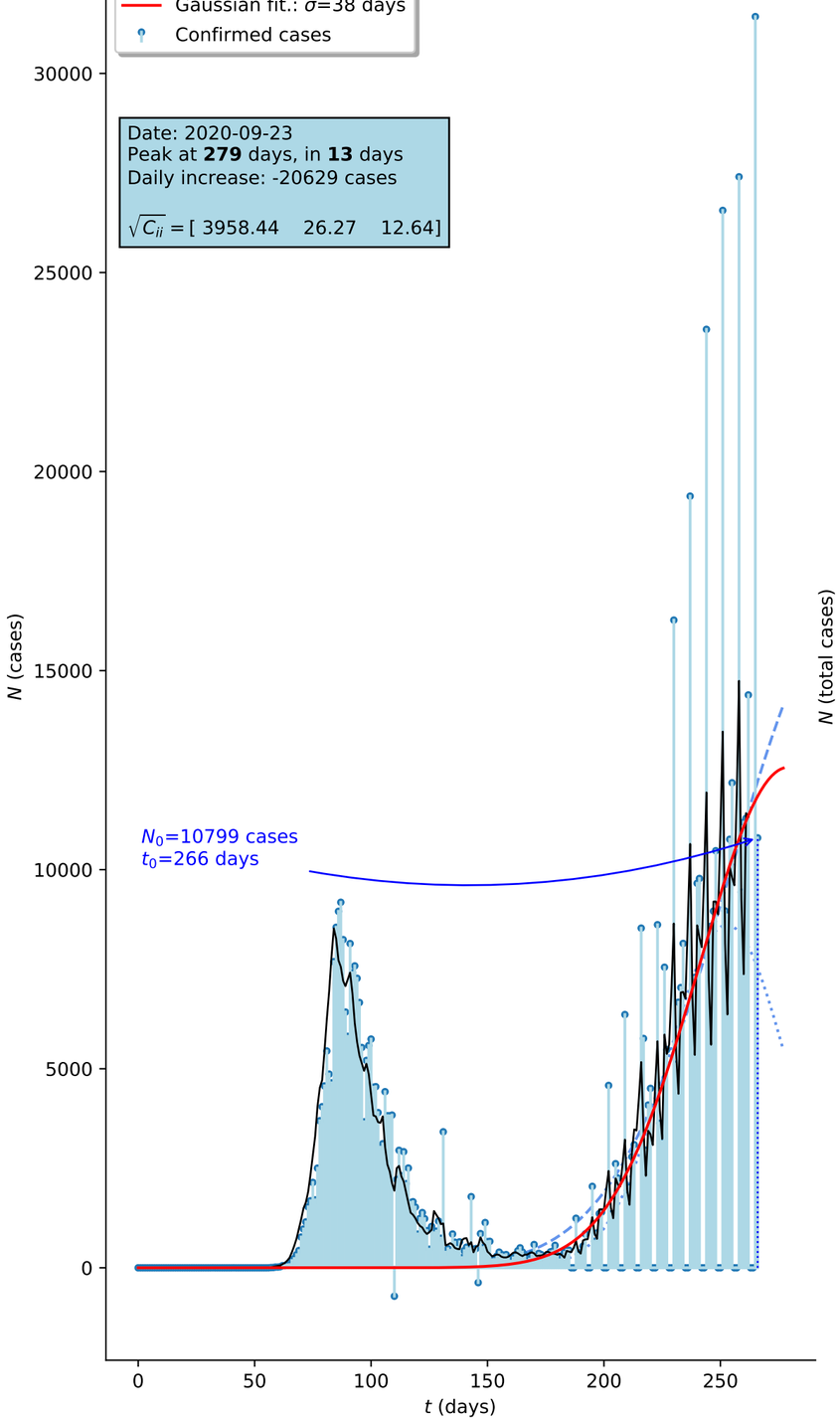

South_Africa - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=663282 cases
t_0=199 days
132 days
338958 cases
+10 days
656369 cases
+5 days
655229 cases
+1 days
653989 cases
Maximum: 659124 cases
Max. per capita: 6.23e + 00
Daily increase: 1346 cases
$A = 6.59e+05$
$B = 6.96e-02$
$C = 6.96e-02$
$\sqrt{C_{ii}}$ = [1144.92 0. 0.1]
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
16678 cases
N_0=16118 Total deaths
t_0=199 days
Maximum: 17338 Total deaths
Max. per capita: 1.64e − 01
Daily increase: 126
$A_d = 1.73e+04$
$B_d = 5.25e-02$
$C_d = 5.25e-02$
$\sqrt{C_{ii}}$ = [73.4 0. 0.24]
N (total deaths)
t (days)

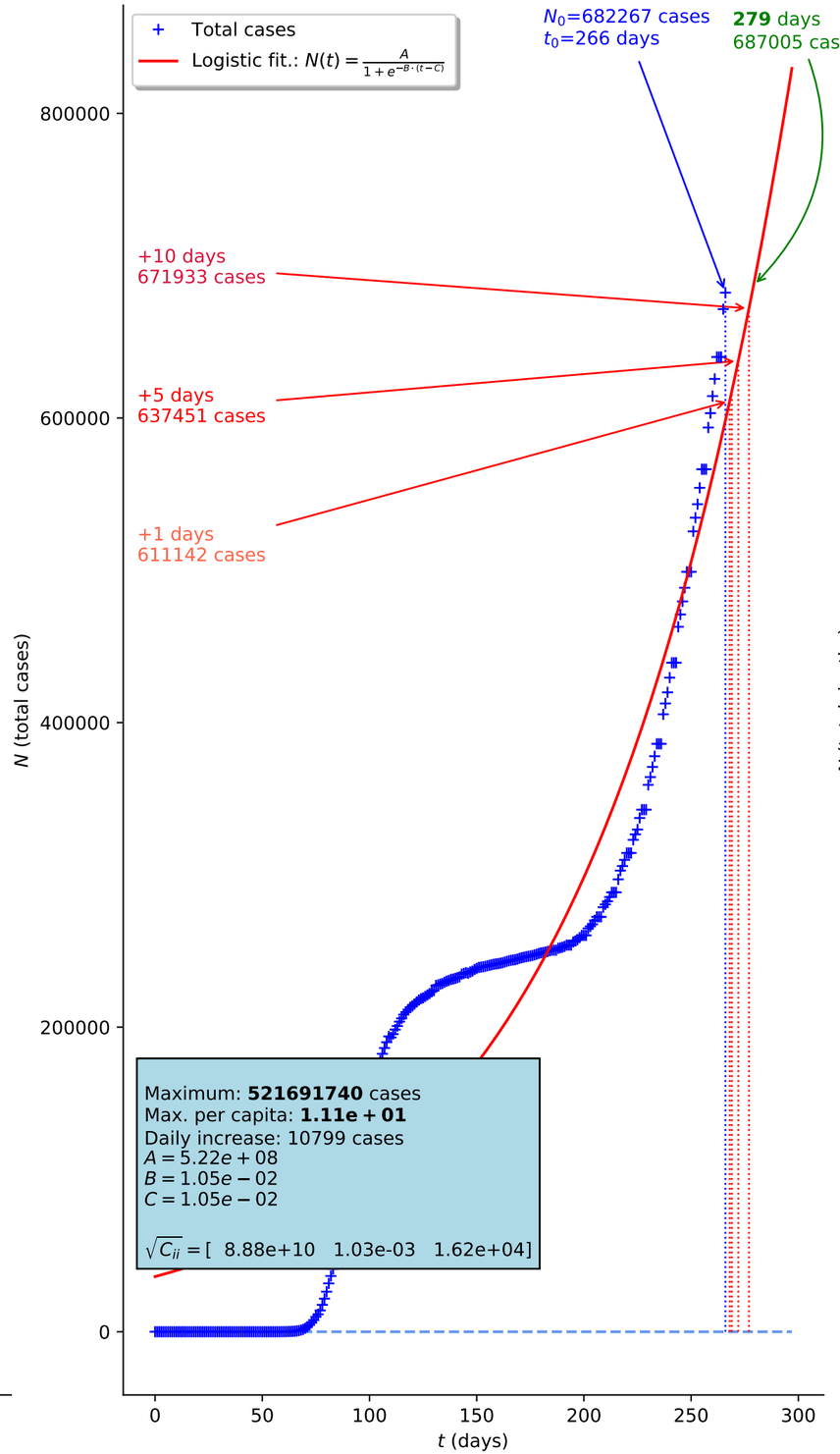

South_Korea - Confirmed cases $N(t)$ - Population: 51 606 633 people
Moving average: 5 days
Gaussian fit.: σ=-2886 days
Confirmed cases
Date: 2020-09-23
Peak at **31814** days, in **31547** days
Daily increase: 49 cases
$\sqrt{C_{ii}}$ = [2.10e+32 9.41e+06 4.29e+05]
N_0=110 cases
t_0=267 days
N (cases)
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=23216 cases
t_0=267 days
+10 days
19871 cases
+5 days
19694 cases
+1 days
19545 cases
Maximum: **22235** cases
Max. per capita: **4.31e − 04**
Daily increase: 110 cases
$A = 2.22e+04$
$B = 1.62e-02$
$C = 1.62e-02$
$\sqrt{C_{ii}}$ = [1185.07 0. 8.5]
N (total cases)
t (days)

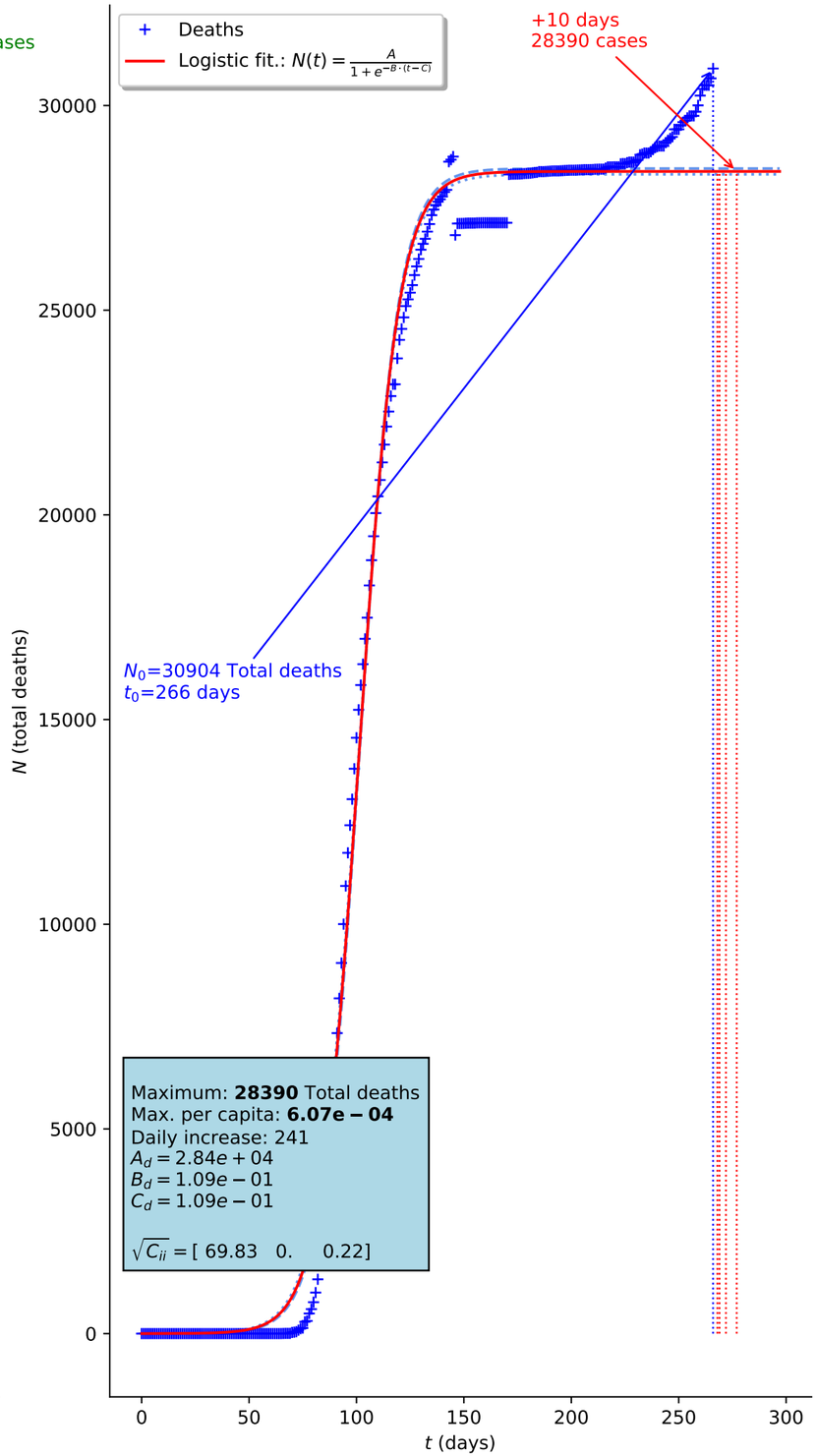
Spain - Confirmed cases $N(t)$ - Population: 46 796 540 people



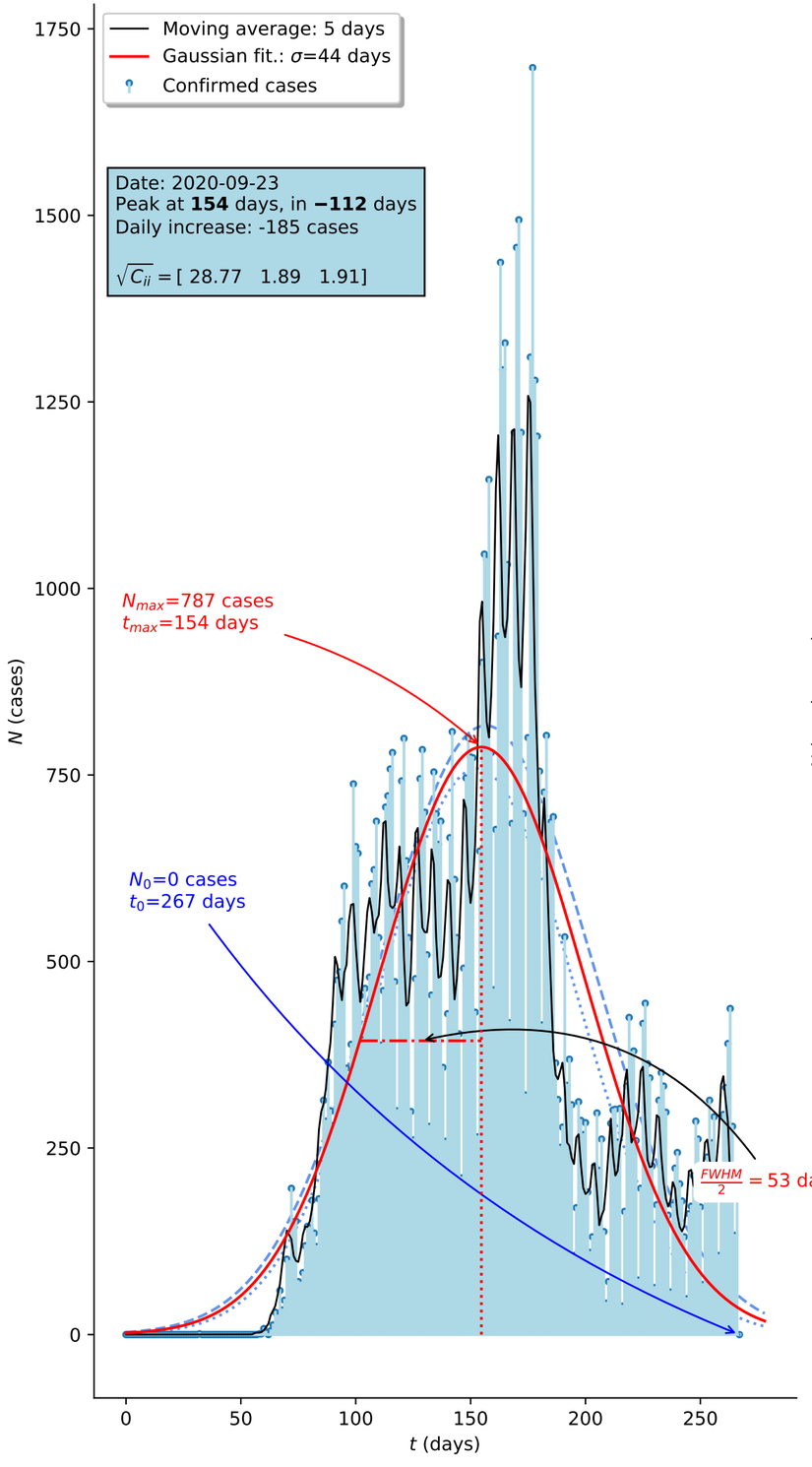
Spain - Total confirmed cases $N(t)$



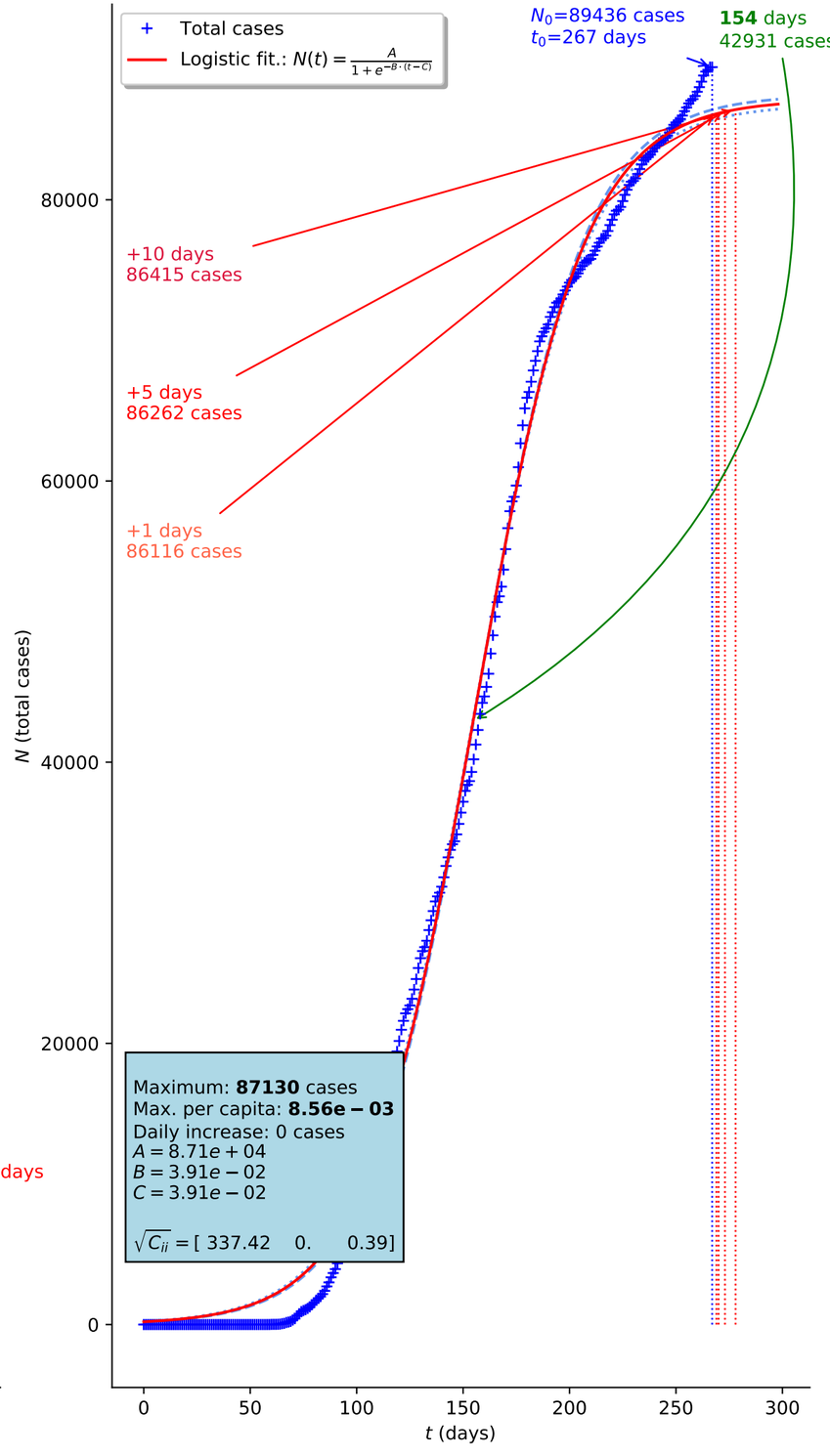
Spain - Total deaths $N(t)$



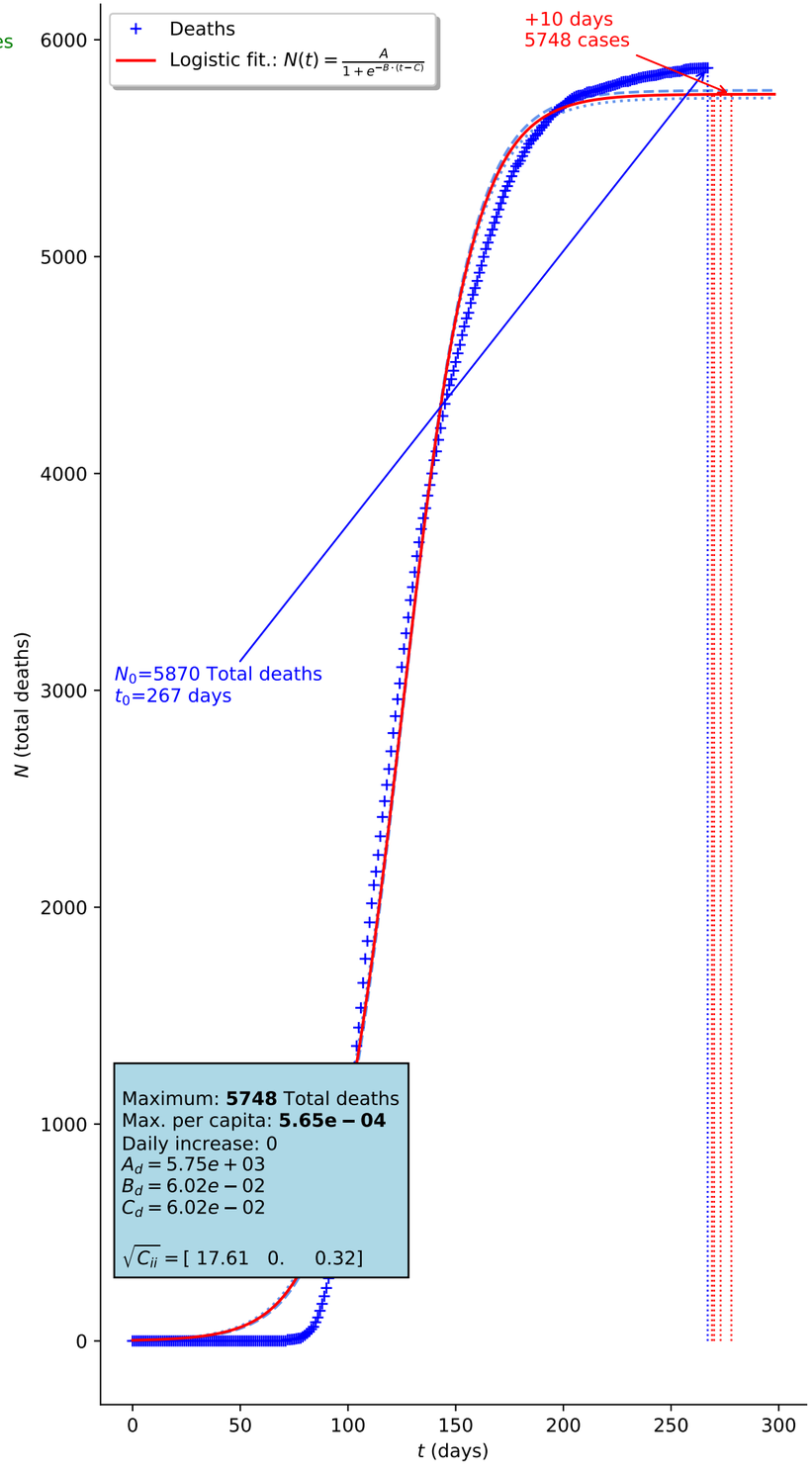
Sweden - Confirmed cases $N(t)$ - Population: 10 175 214 people



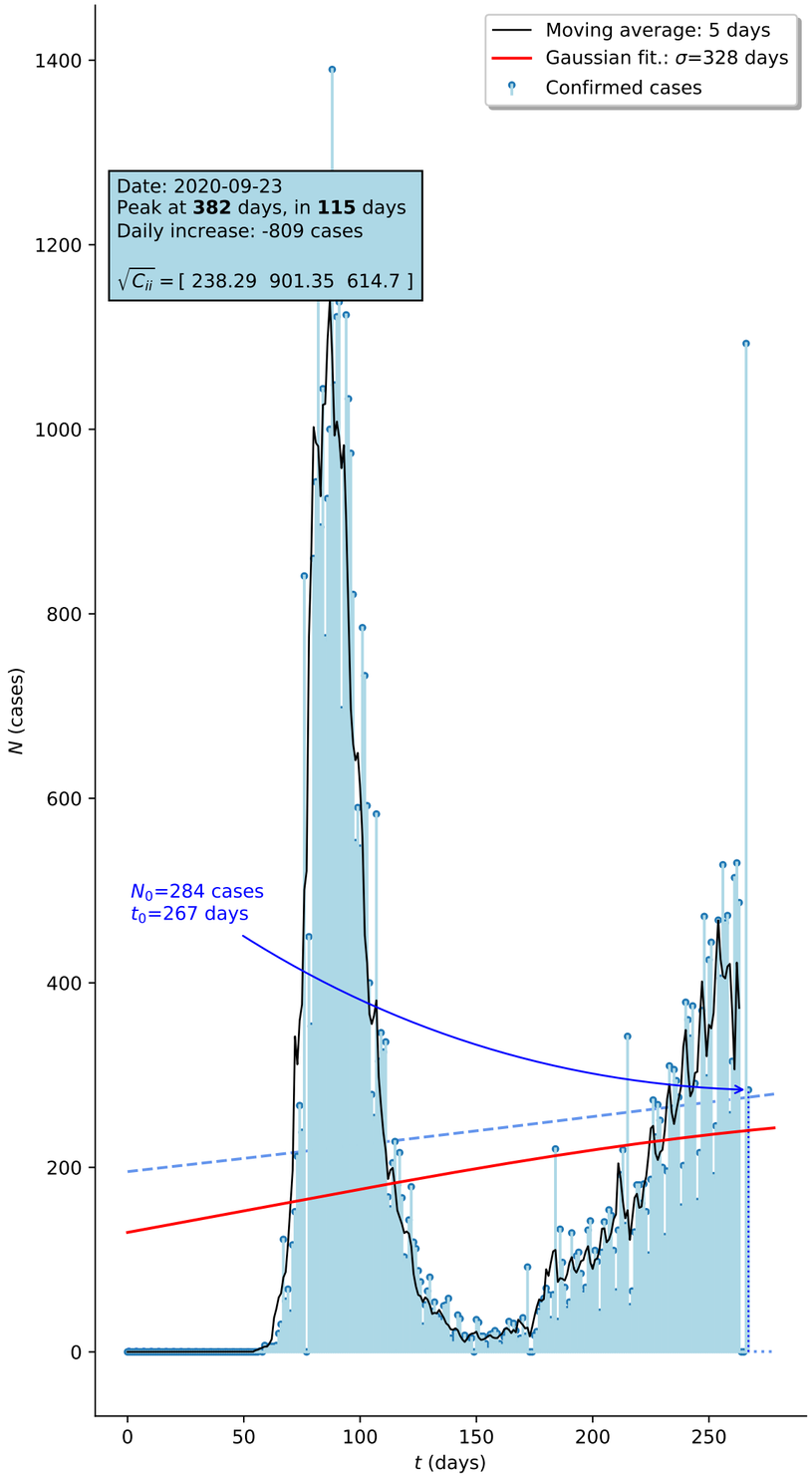
Sweden - Total confirmed cases $N(t)$



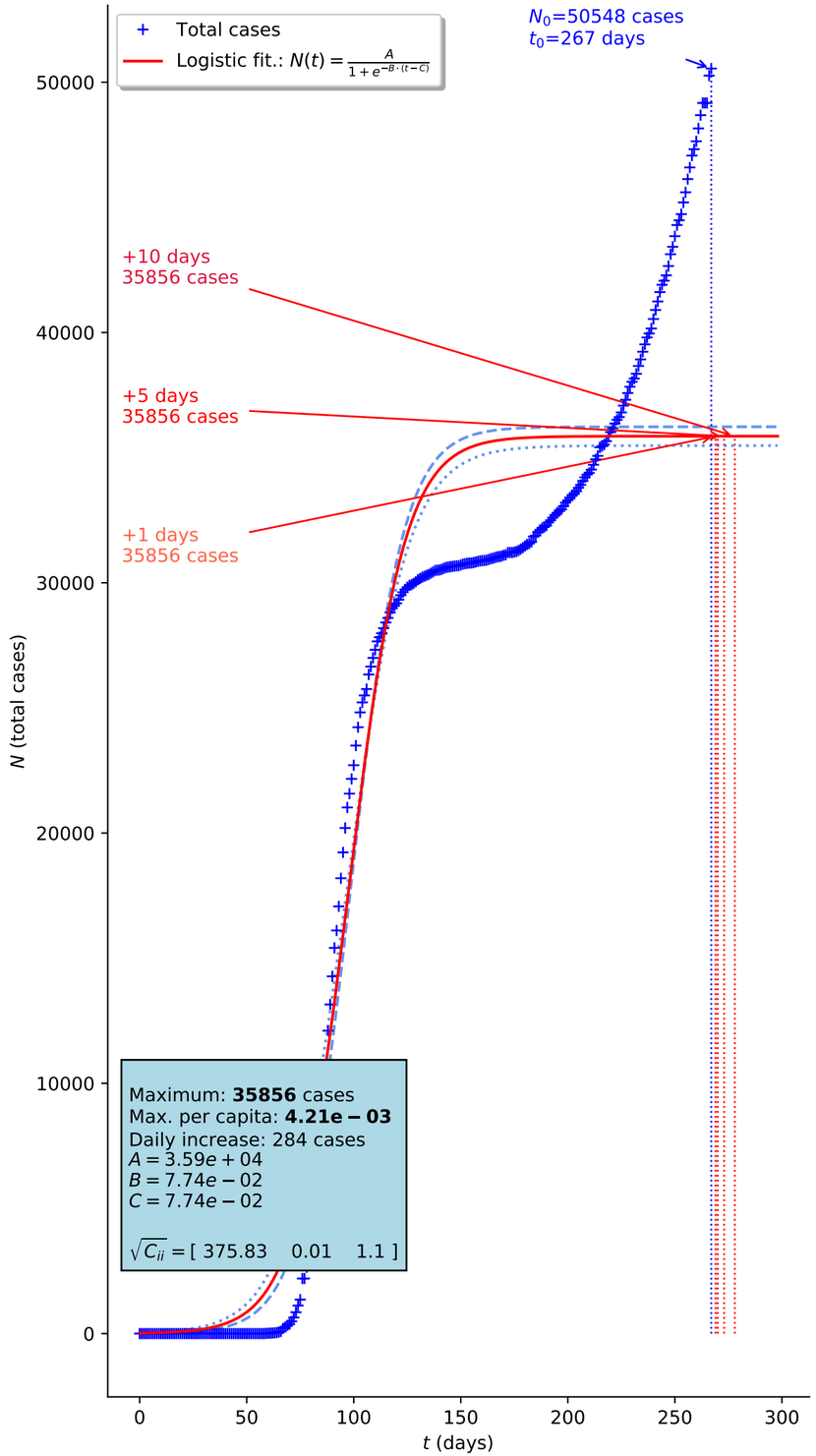
Sweden - Total deaths $N(t)$



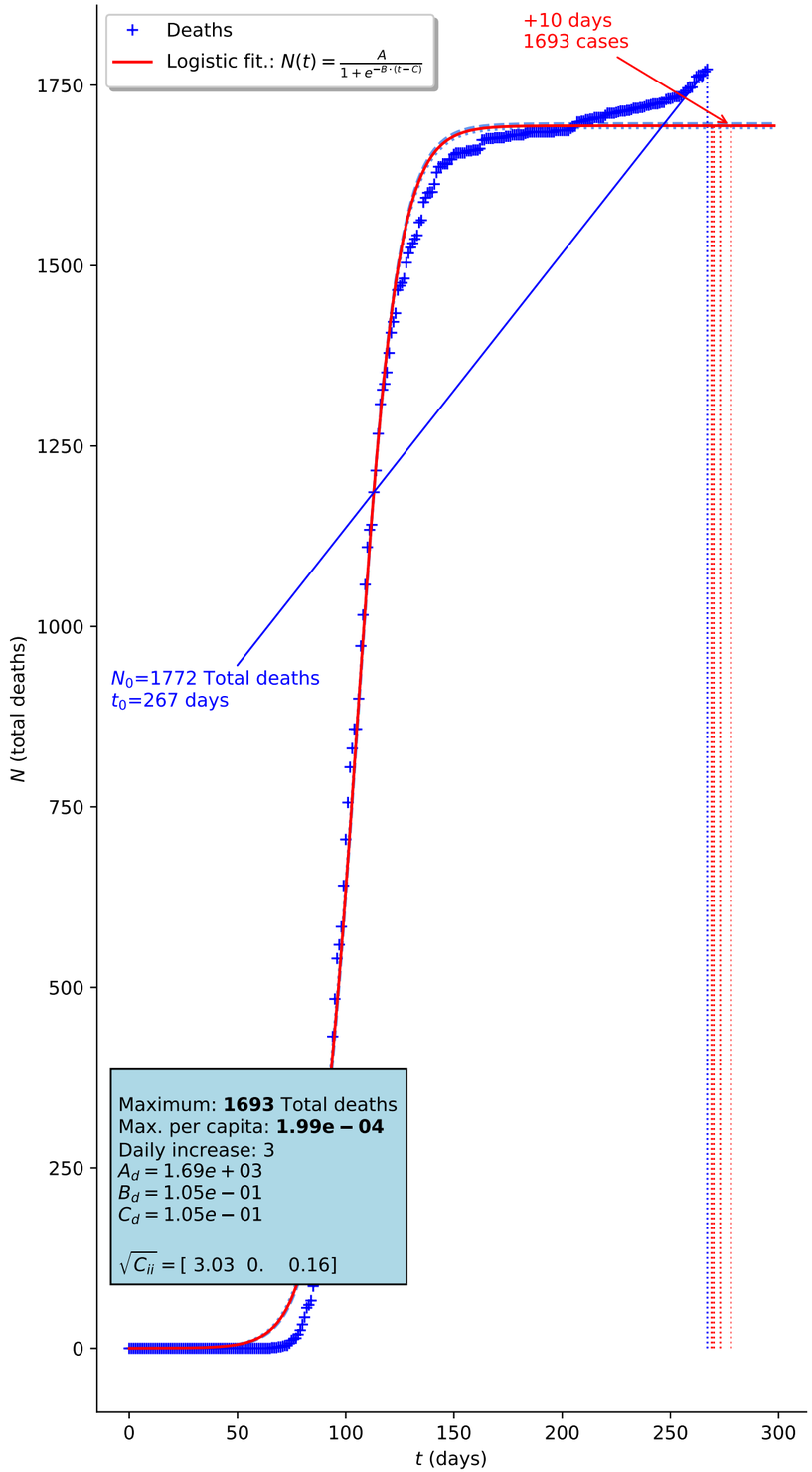
Switzerland - Confirmed cases $N(t)$ - Population: 8 513 227 people



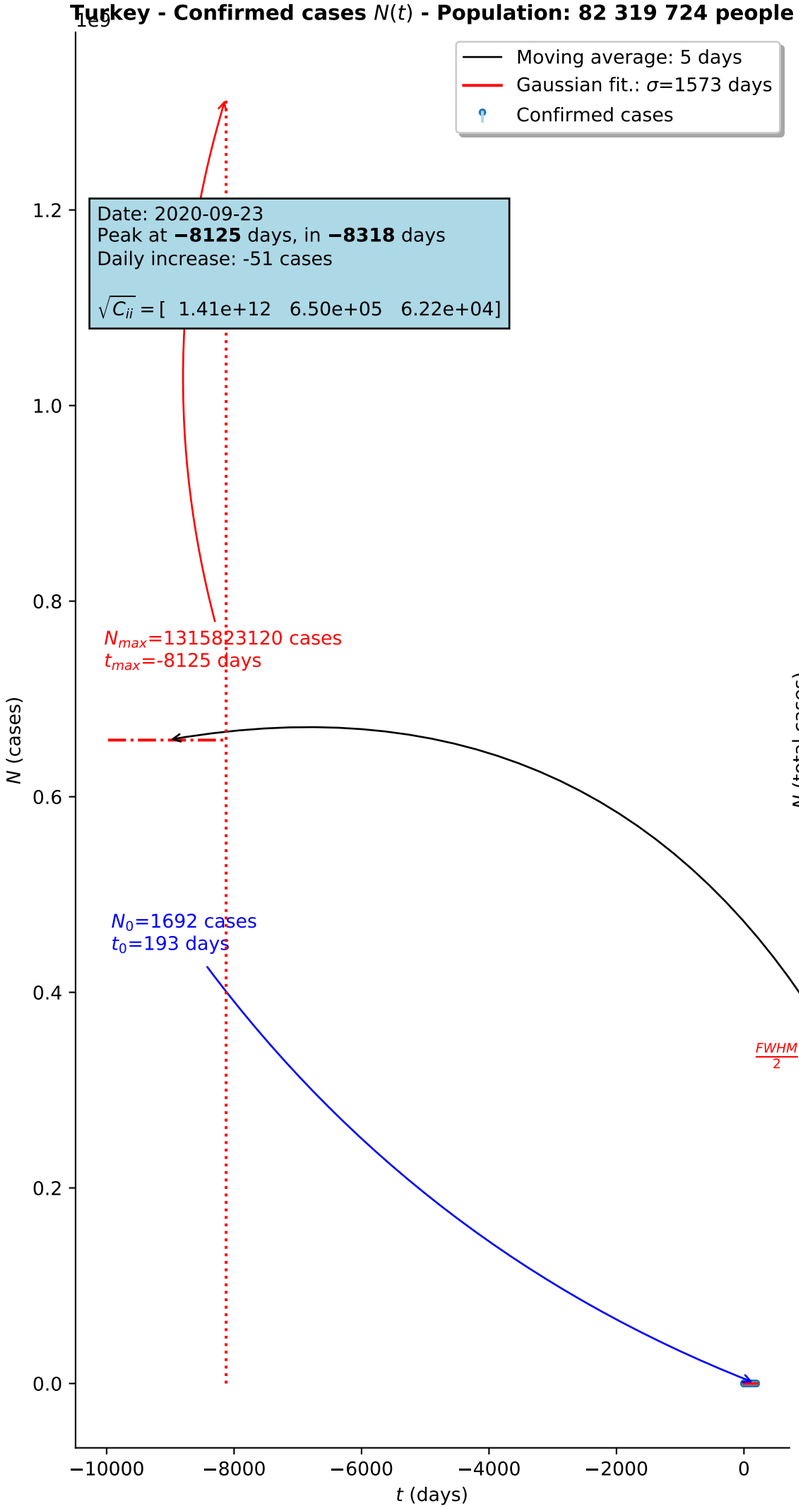
Switzerland - Total confirmed cases $N(t)$



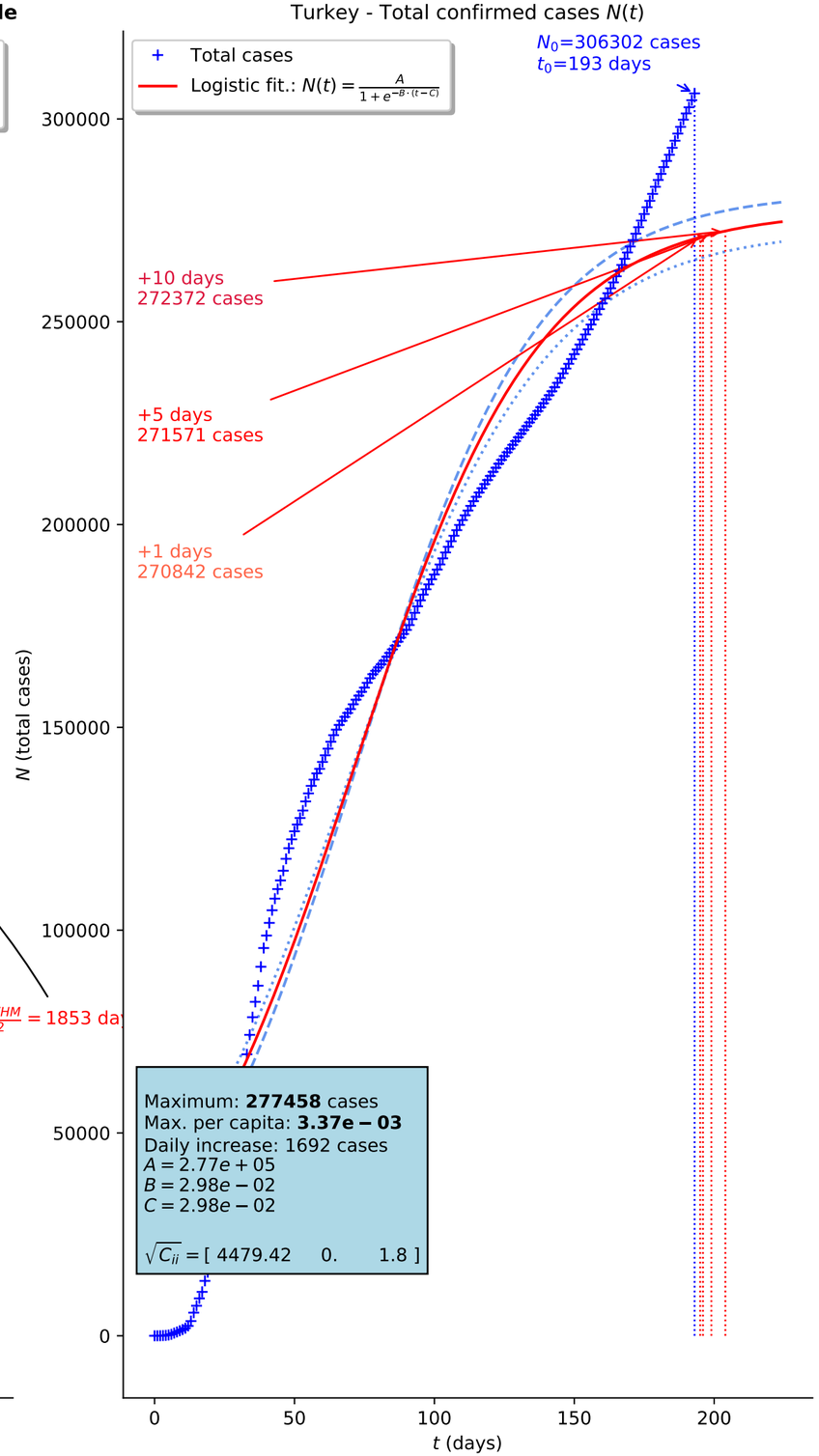
Switzerland - Total deaths $N(t)$



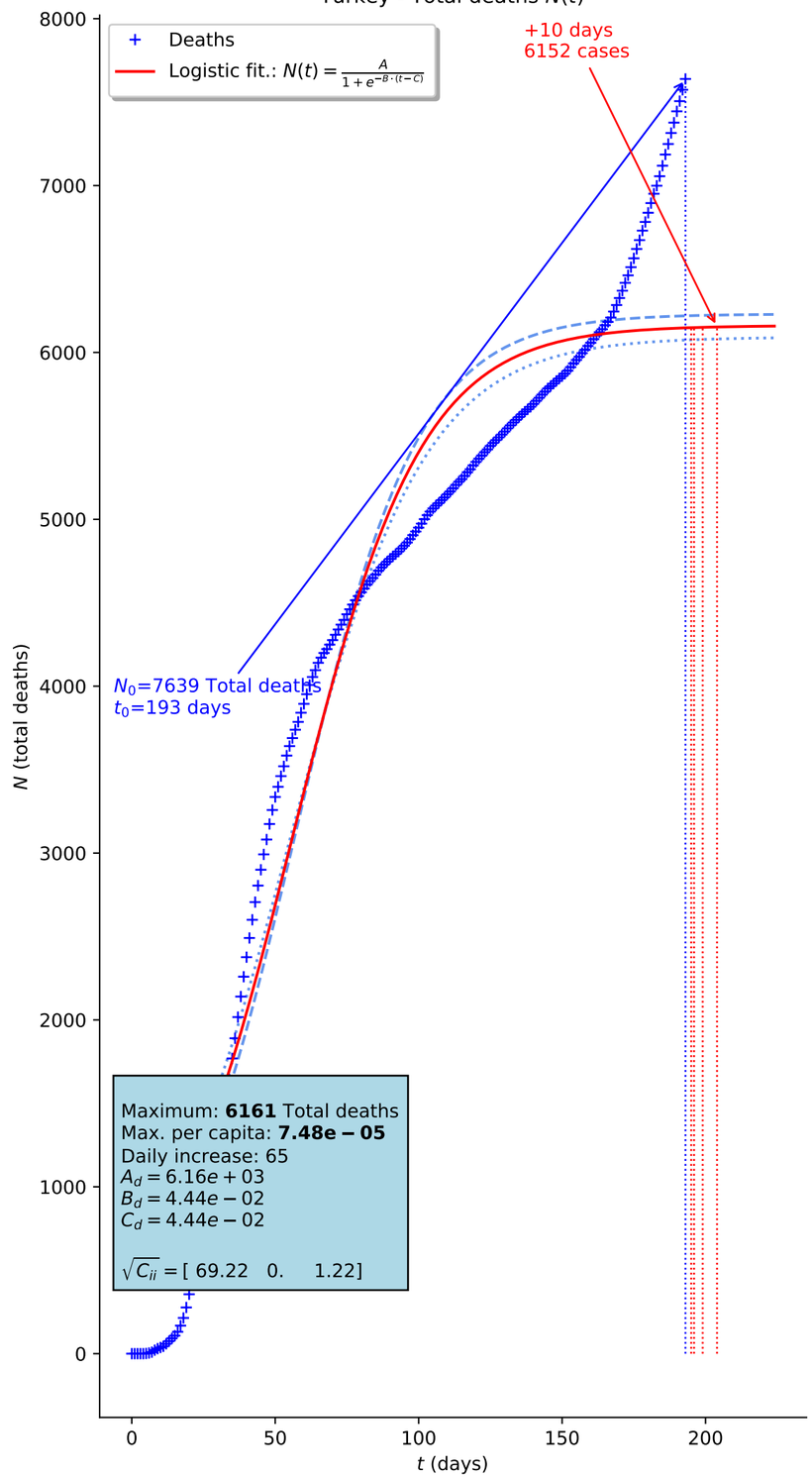
Turkey - Confirmed cases $N(t)$ - Population: 82 319 724 people

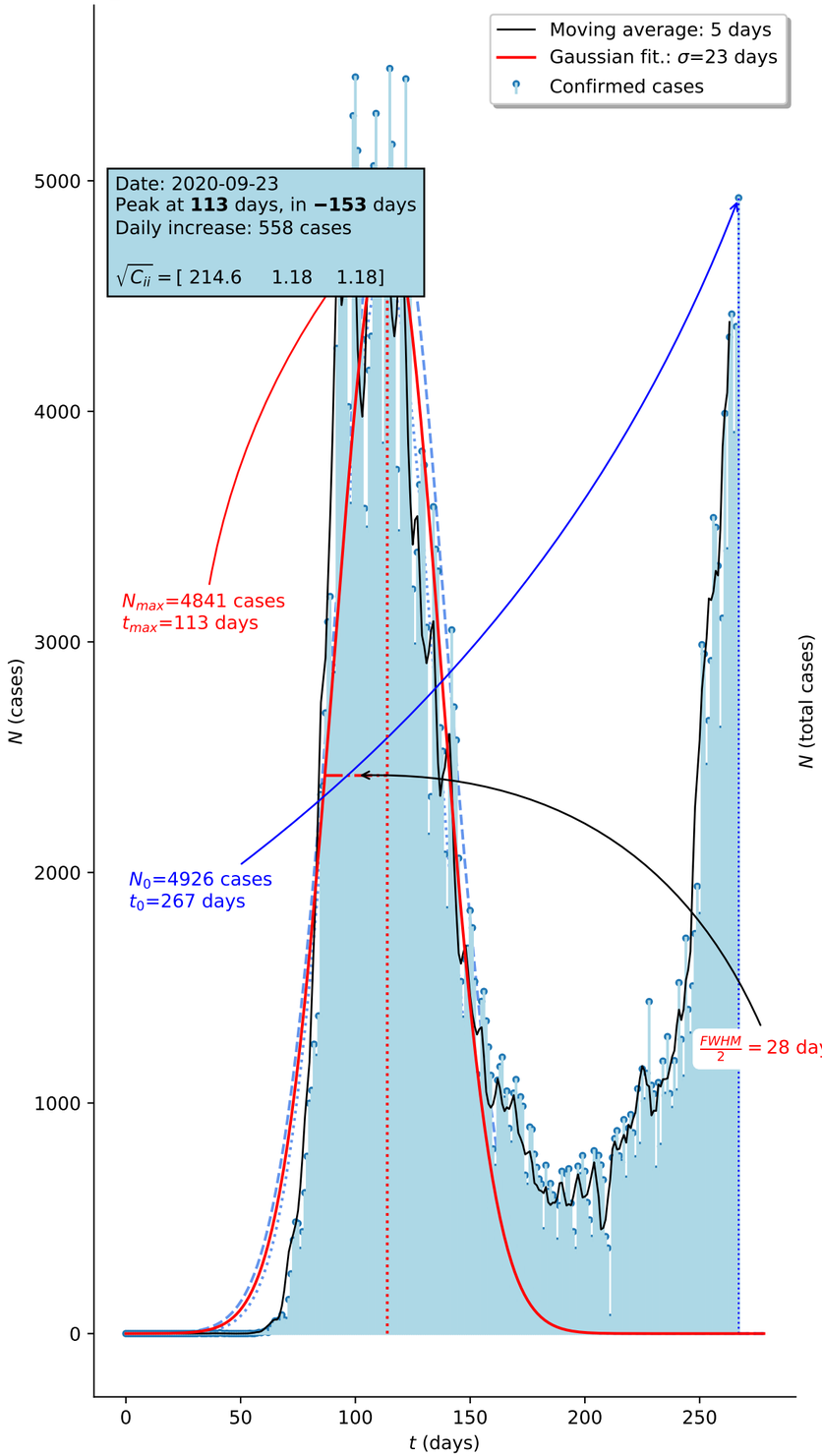


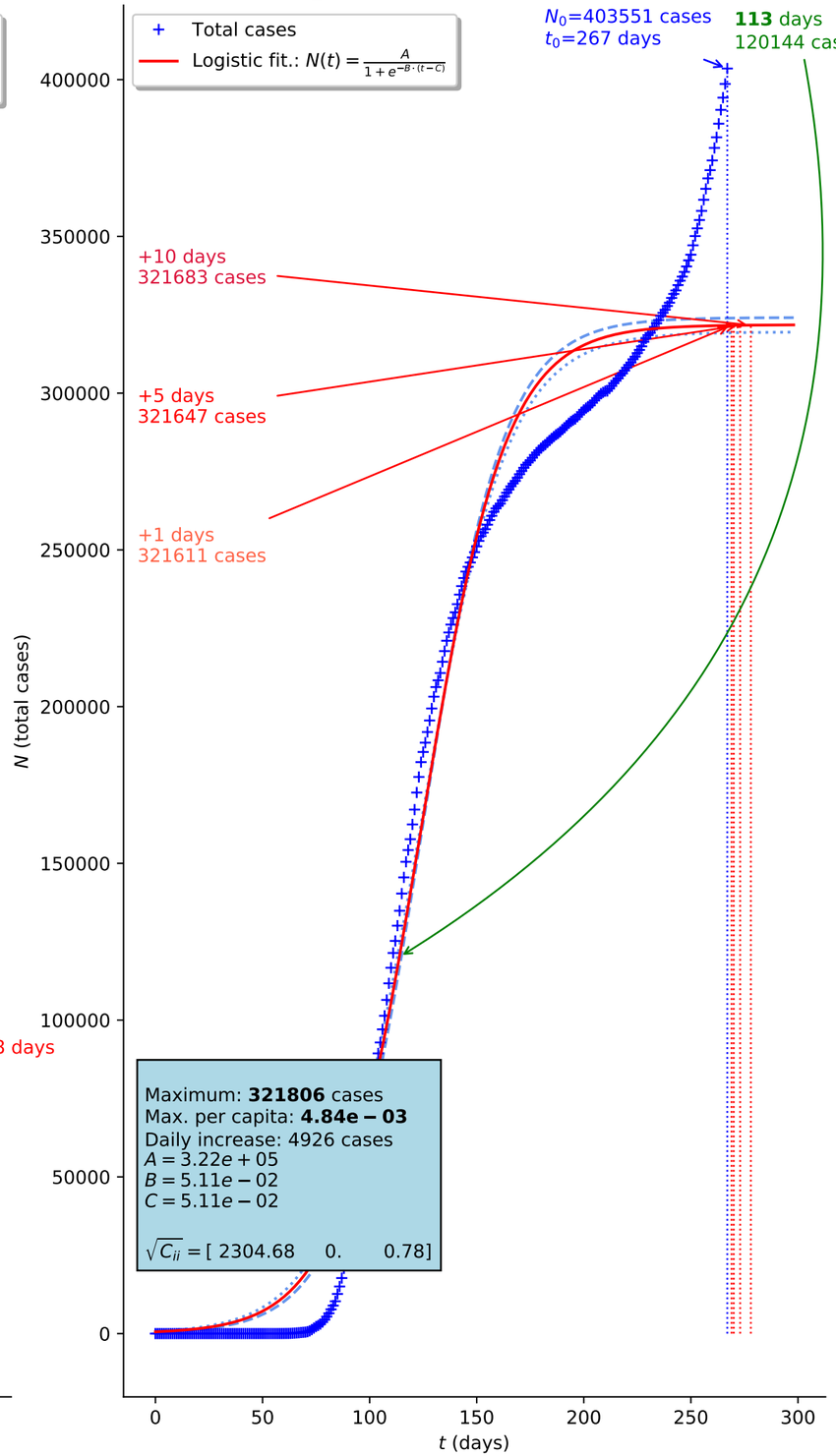
Turkey - Total confirmed cases $N(t)$

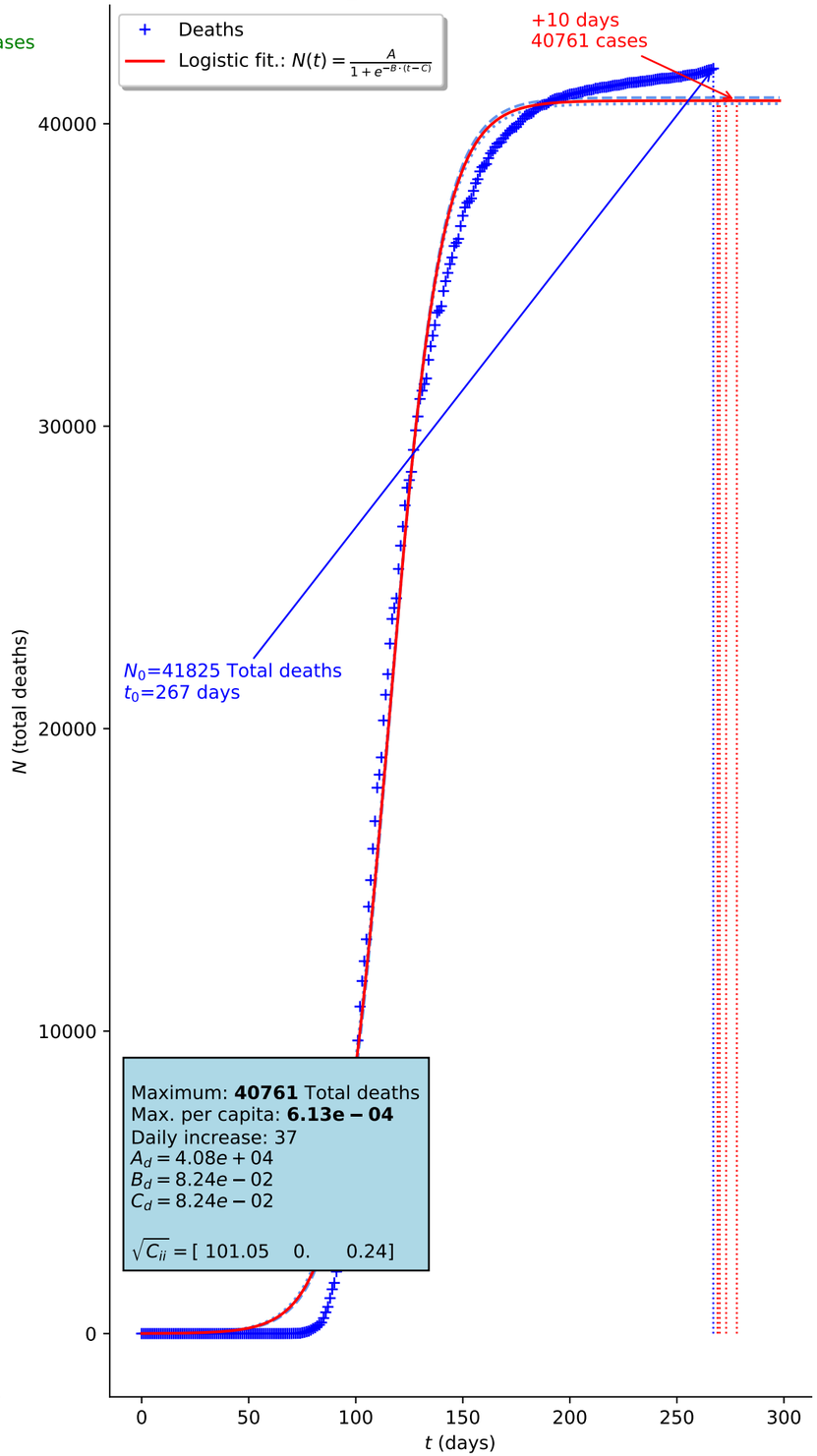


Turkey - Total deaths $N(t)$

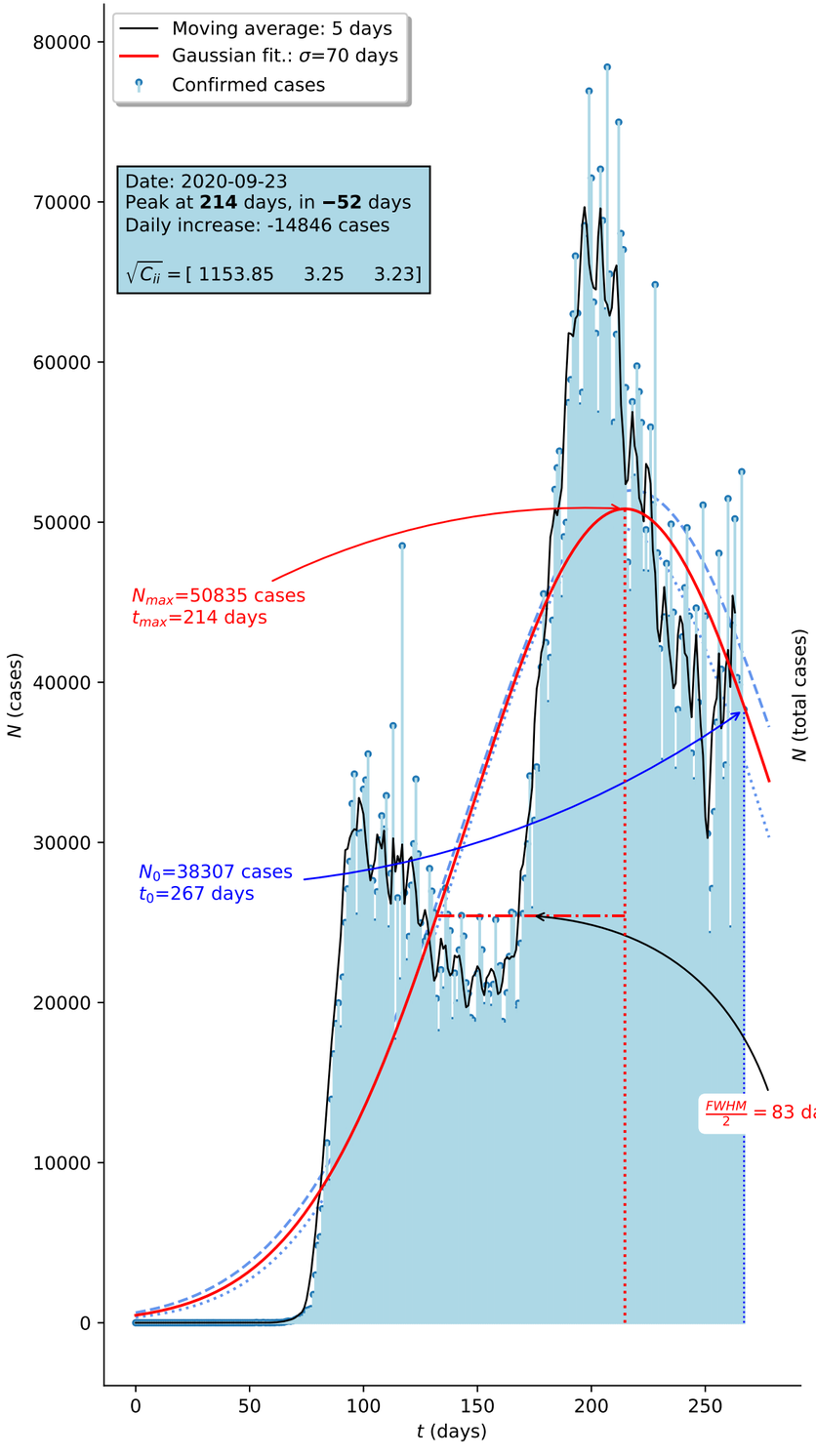



United_Kingdom - Confirmed cases $N(t)$ - Population: 66 460 344 people
Moving average: 5 days
Gaussian fit.: σ=23 days
Confirmed cases
Date: 2020-09-23
Peak at 113 days, in −153 days
Daily increase: 558 cases
$\sqrt{C_{ii}}$ = [214.6 1.18 1.18]
N_{max}=4841 cases
t_{max}=113 days
N_0=4926 cases
t_0=267 days
$\frac{FWHM}{2}$ = 28 days
N (cases)
t (days)

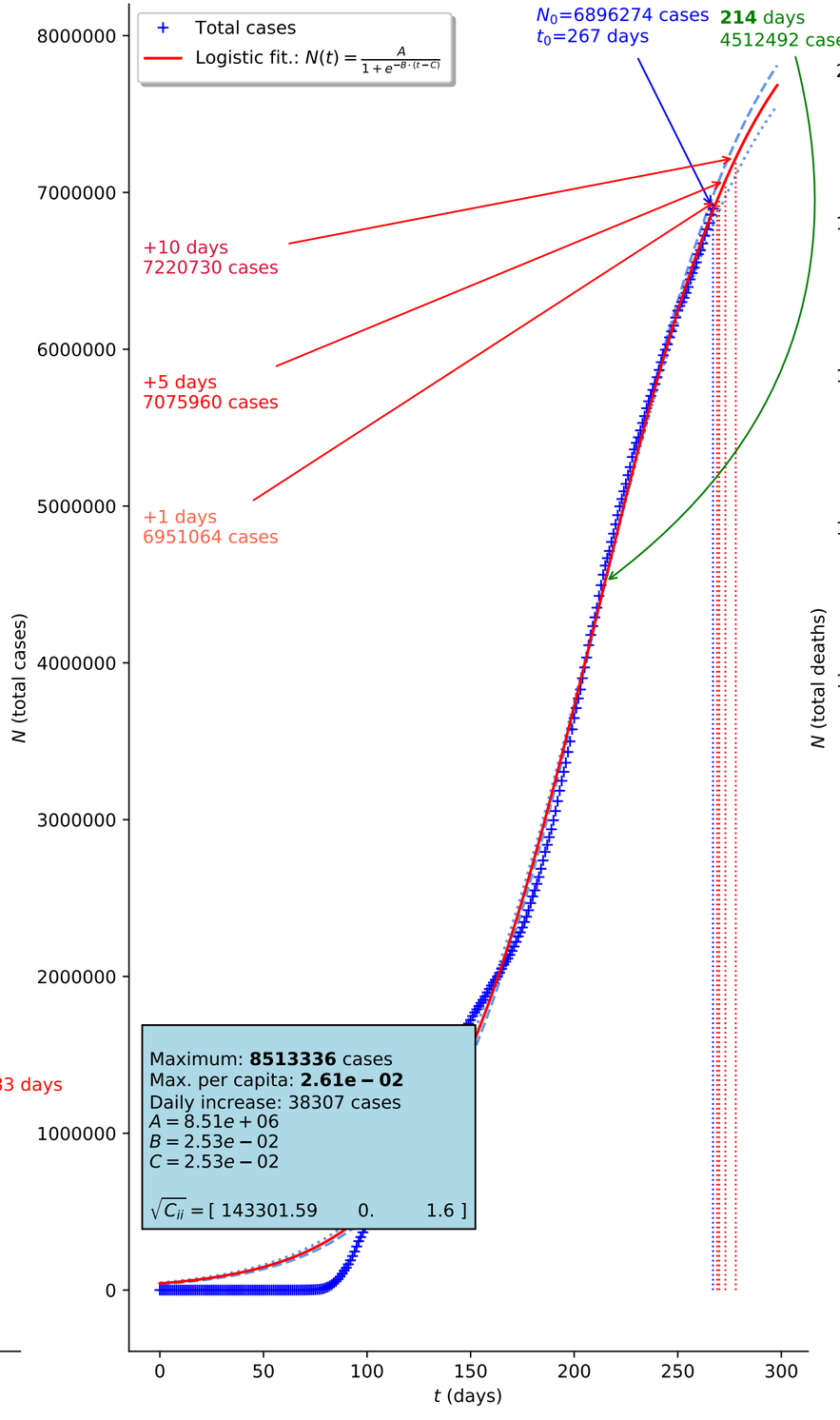

United_Kingdom - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=403551 cases
t_0=267 days
113 days
120144 cases
+10 days
321683 cases
+5 days
321647 cases
+1 days
321611 cases
Maximum: 321806 cases
Max. per capita: 4.84e − 03
Daily increase: 4926 cases
$A = 3.22e+05$
$B = 5.11e-02$
$C = 5.11e-02$
$\sqrt{C_{ii}}$ = [2304.68 0. 0.78]
N (total cases)
t (days)


United_Kingdom - Total deaths $N(t)$
Deaths
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
+10 days
40761 cases
N_0=41825 Total deaths
t_0=267 days
Maximum: 40761 Total deaths
Max. per capita: 6.13e − 04
Daily increase: 37
$A_d = 4.08e+04$
$B_d = 8.24e-02$
$C_d = 8.24e-02$
$\sqrt{C_{ii}}$ = [101.05 0. 0.24]
N (total deaths)
t (days)

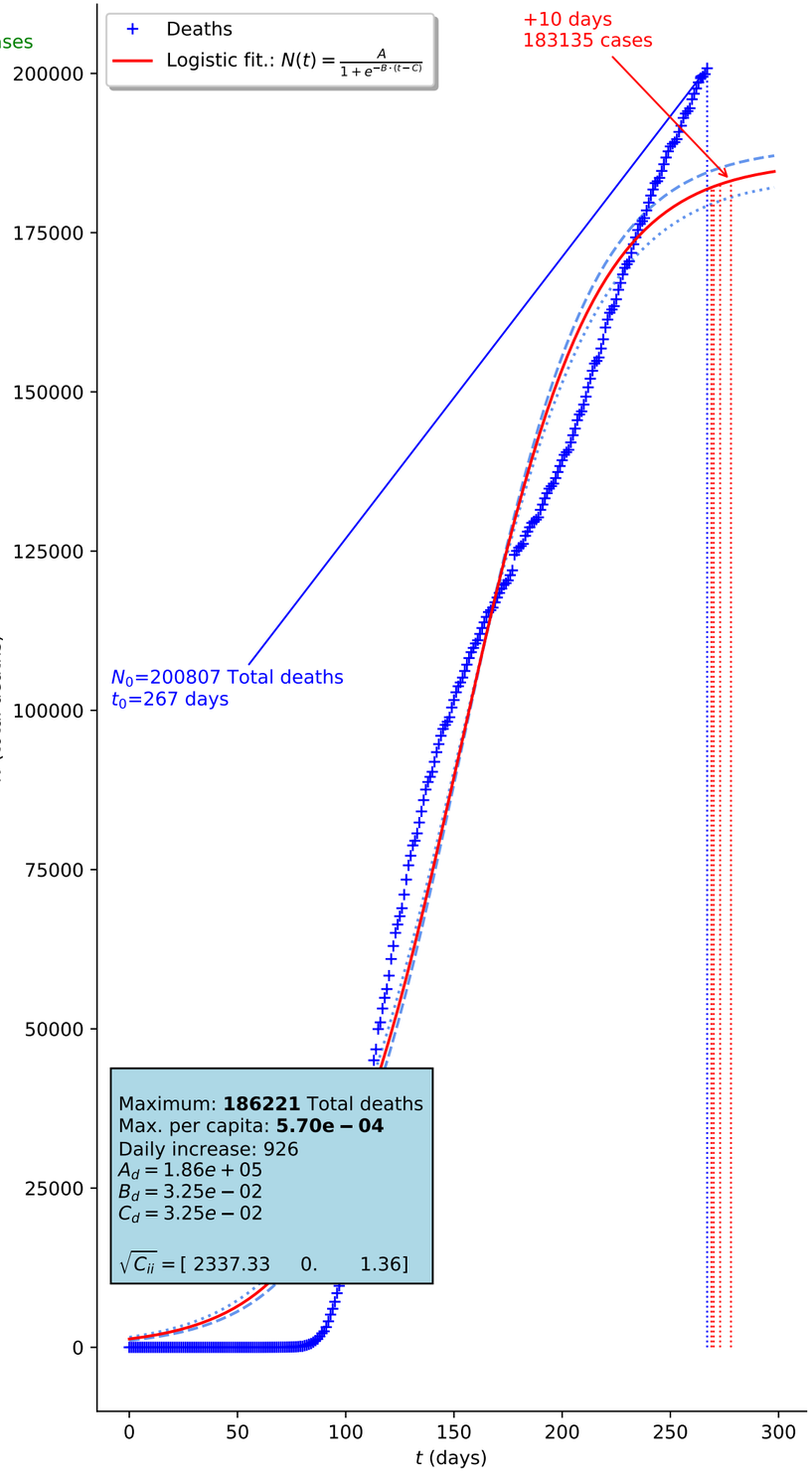
United_States_of_America - Confirmed cases $N(t)$ - Population: 326 687 501 people

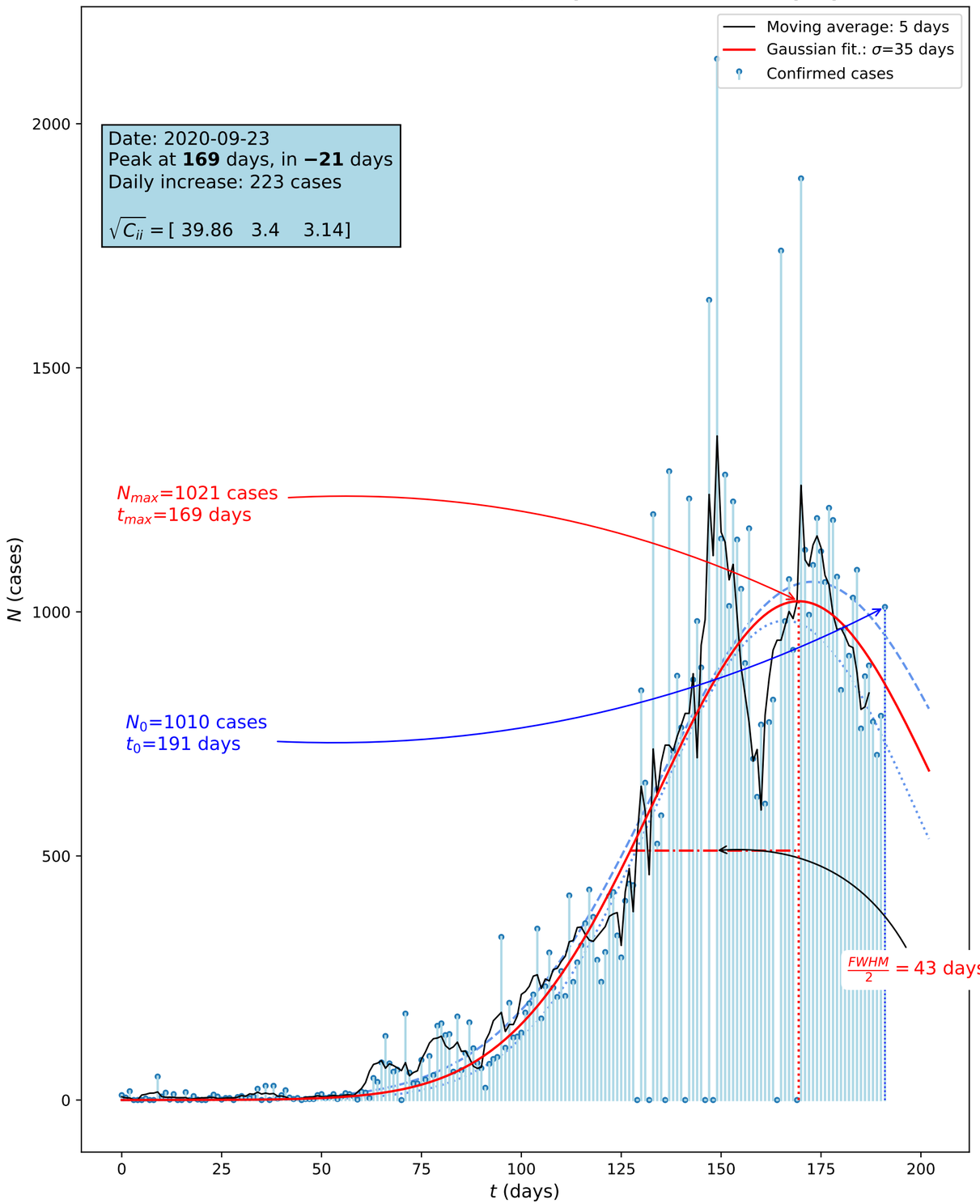


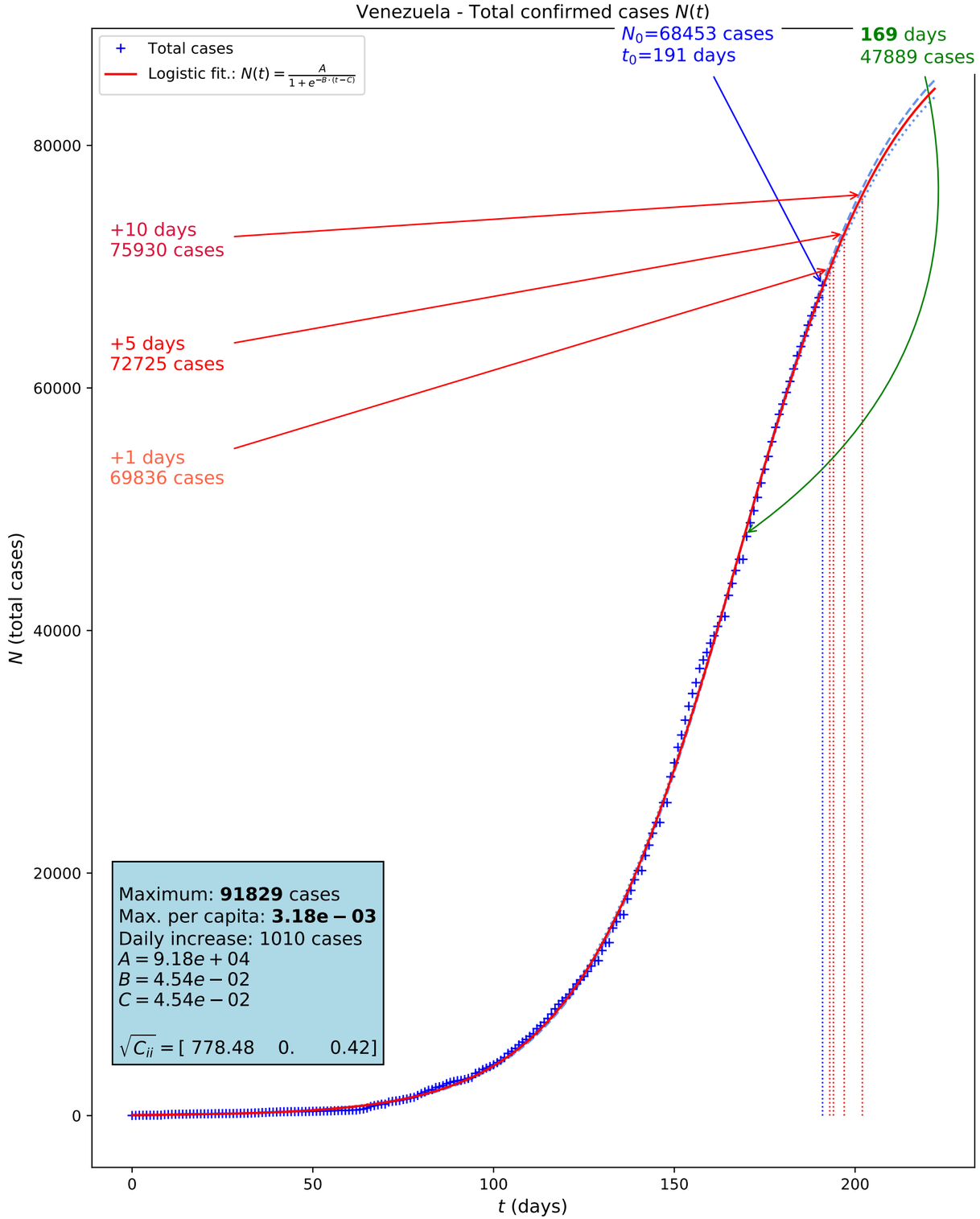
United_States_of_America - Total confirmed cases $N(t)$



United_States_of_America - Total deaths $N(t)$




Venezuela - Confirmed cases $N(t)$ - Population: 28 870 195 people
Moving average: 5 days
Gaussian fit.: σ=35 days
Confirmed cases
Date: 2020-09-23
Peak at **169** days, in **−21** days
Daily increase: 223 cases
$\sqrt{C_{ii}}$ = [39.86 3.4 3.14]
N_{max}=1021 cases
t_{max}=169 days
N_0=1010 cases
t_0=191 days
$\frac{FWHM}{2}$ = 43 days
N (cases)
t (days)


Venezuela - Total confirmed cases $N(t)$
Total cases
Logistic fit.: $N(t) = \frac{A}{1+e^{-B\cdot(t-C)}}$
N_0=68453 cases
t_0=191 days
169 days
47889 cases
+10 days
75930 cases
+5 days
72725 cases
+1 days
69836 cases
Maximum: **91829** cases
Max. per capita: **3.18e − 03**
Daily increase: 1010 cases
$A = 9.18e+04$
$B = 4.54e-02$
$C = 4.54e-02$
$\sqrt{C_{ii}}$ = [778.48 0. 0.42]
N (total cases)
t (days)