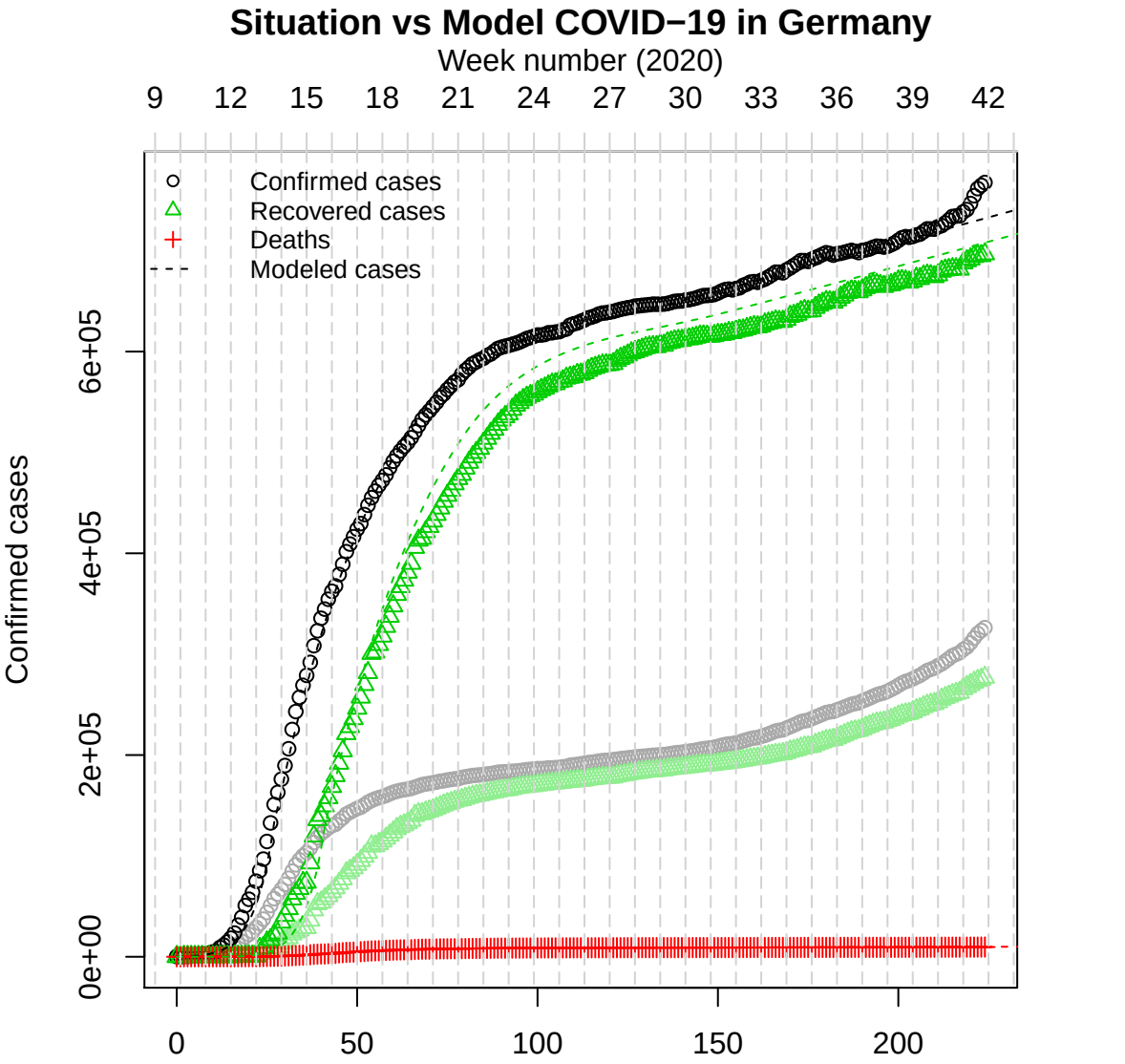

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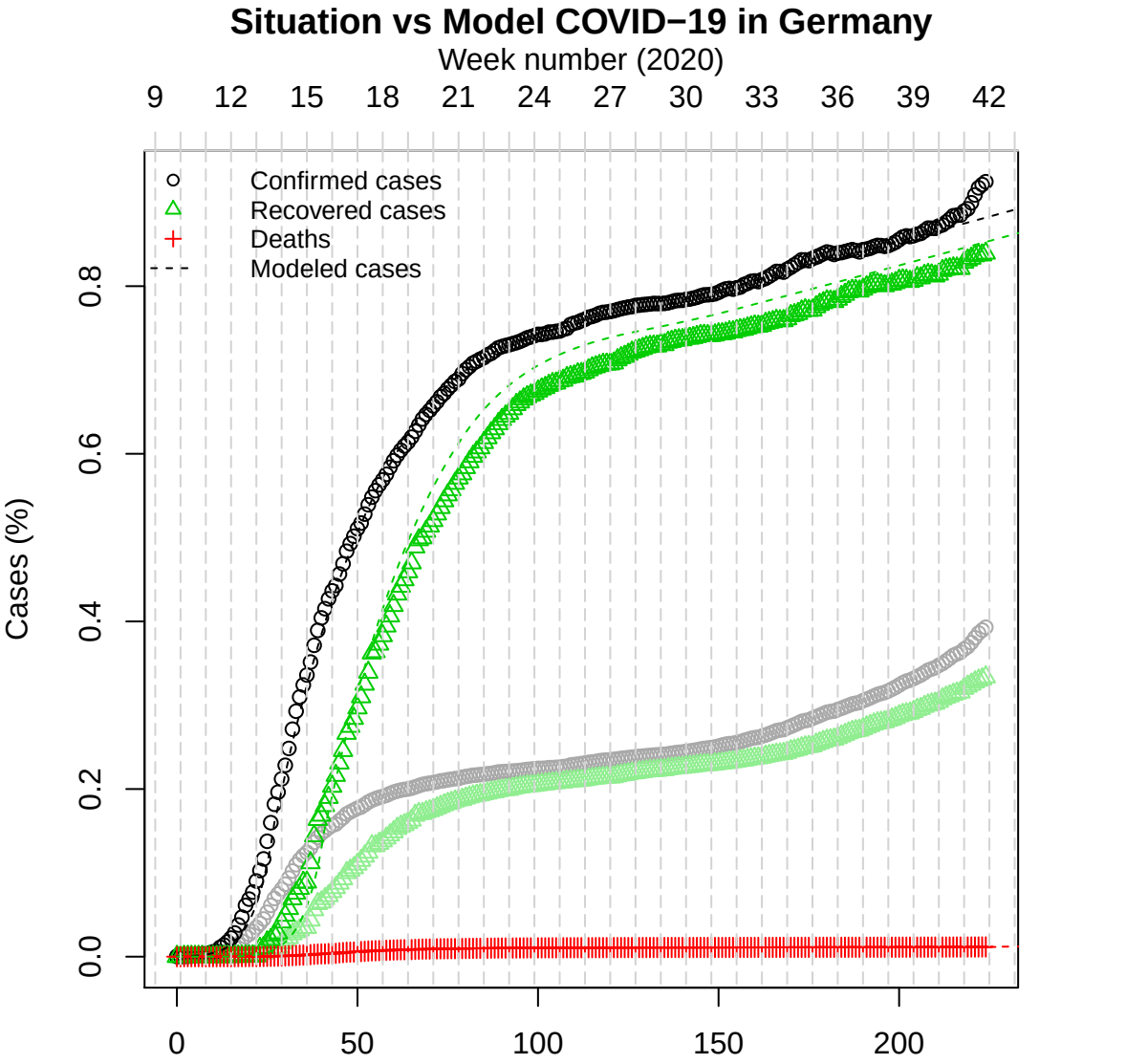
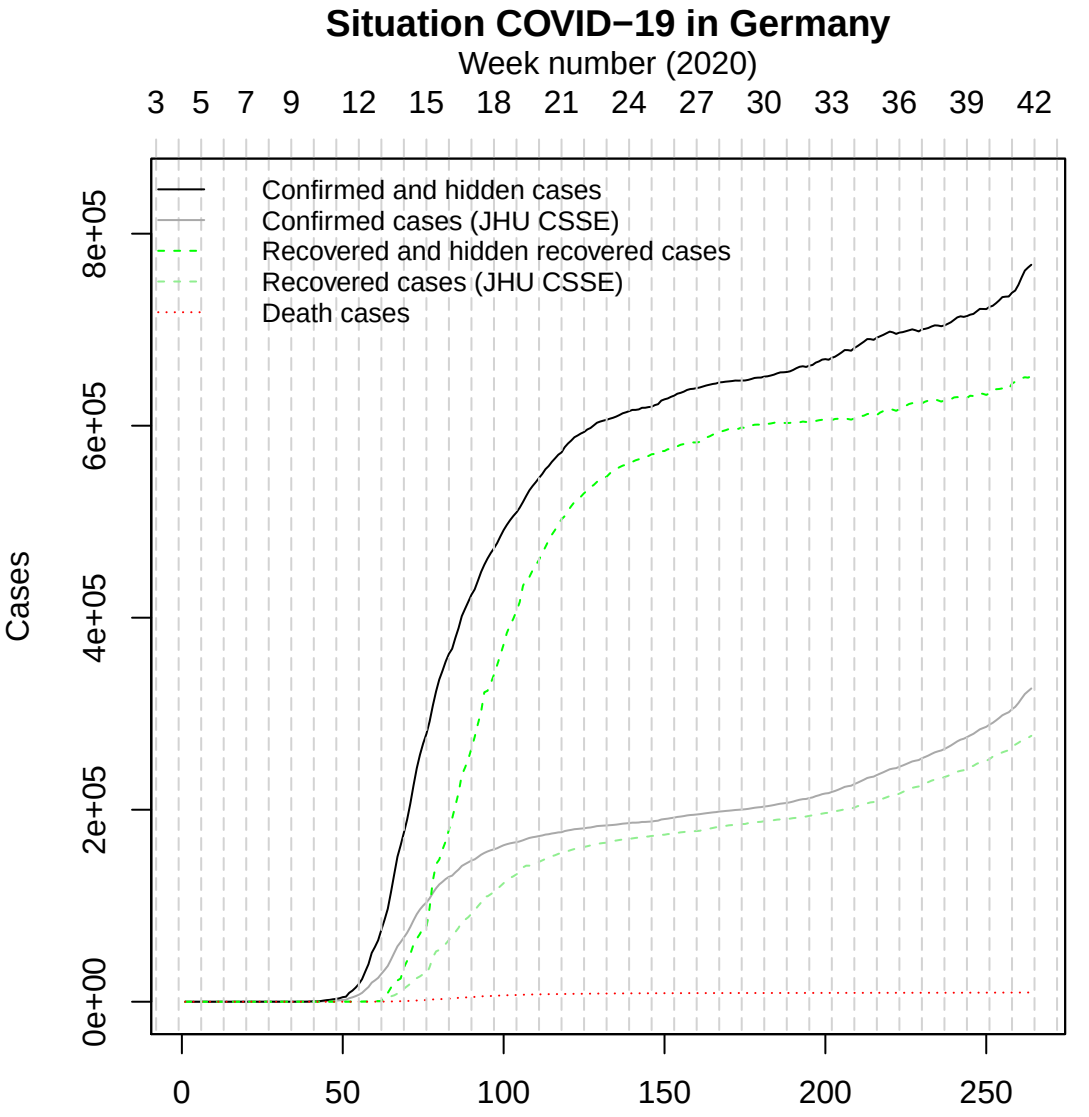

Situation vs Model COVID−19 in Germany
Week number (2020)
9
12
15
18
21
24
27
30
33
36
39
42
Confirmed cases
Recovered cases
Deaths
Modeled cases
Cases (%)
0.0
0.2
0.4
0.6
0.8
0
50
100
150
200
Days after 3/1/20
Created by Sören Thiering (10/13/2020). Email: soeren.thiering@hs−anhalt.de



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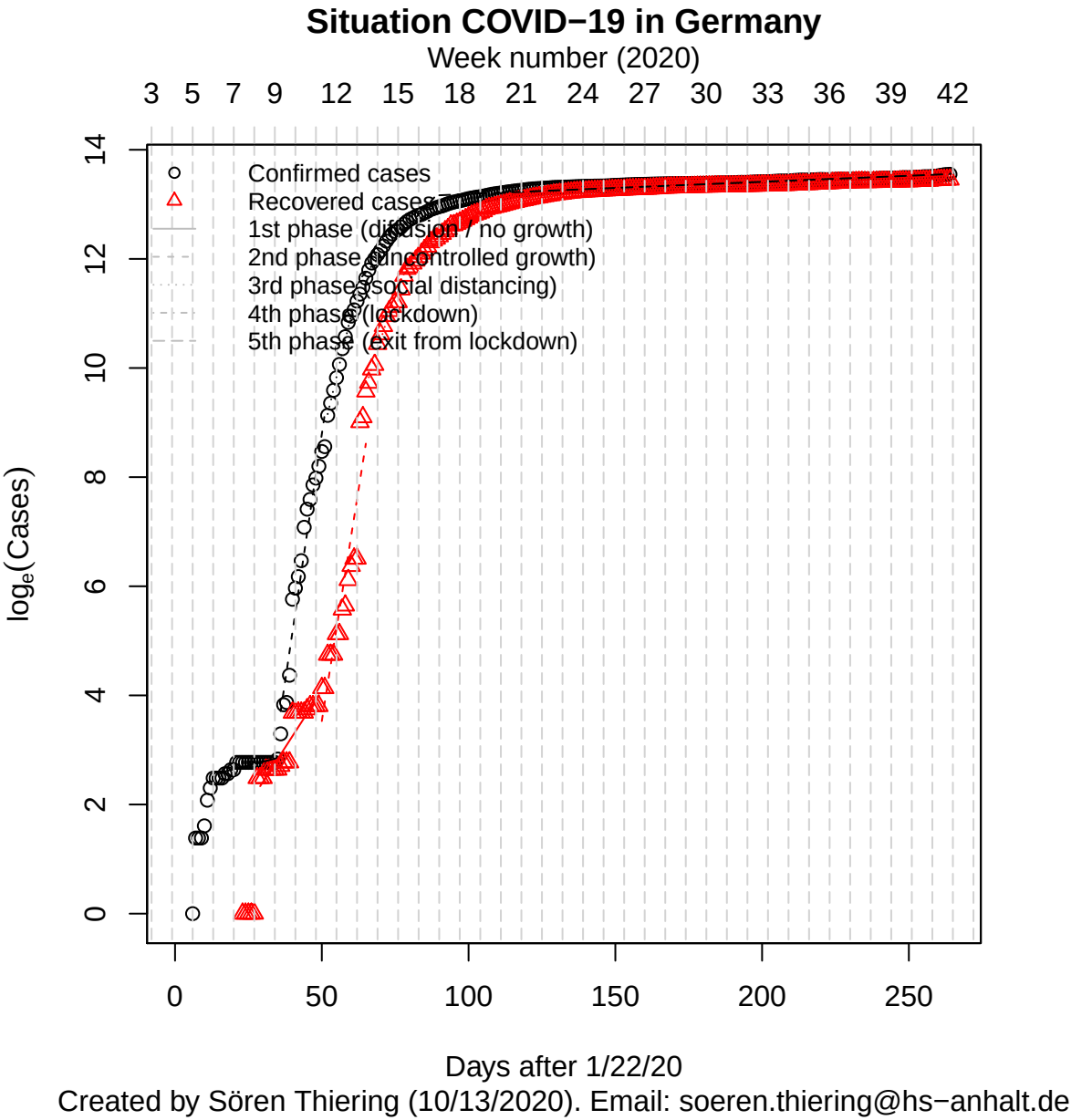
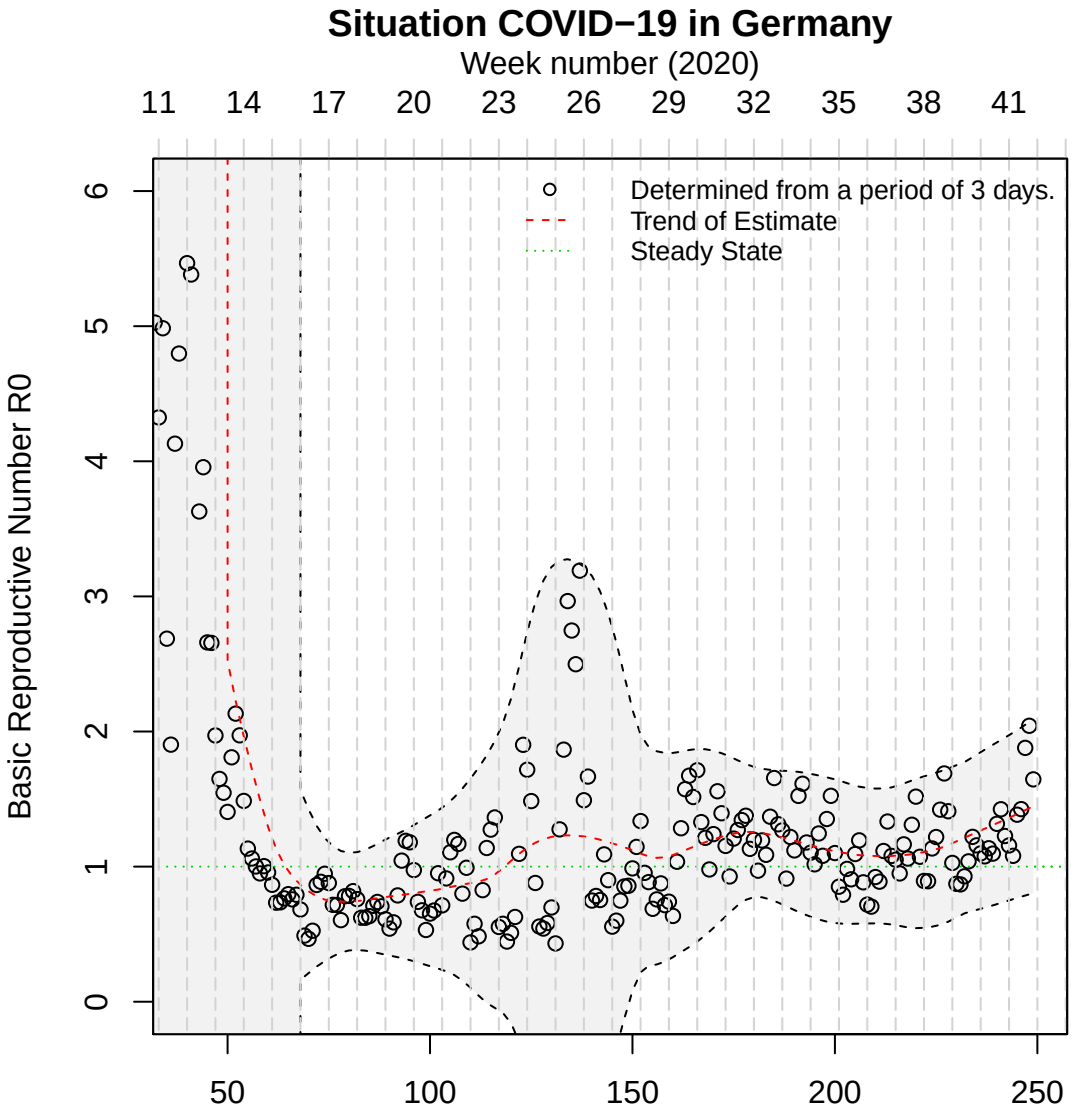

Situation COVID−19 in Germany
Week number (2020)
3 5 7 9 12 15 18 21 24 27 30 33 36 39 42
Confirmed cases
Recovered cases
1st phase (diffusion / no growth)
2nd phase (uncontrolled growth)
3rd phase (social distancing)
4th phase (lockdown)
5th phase (exit from lockdown)
log_e(Cases)
0 2 4 6 8 10 12 14
0 50 100 150 200 250
Days after 1/22/20
Created by Sören Thiering (10/13/2020). Email: soeren.thiering@hs−anhalt.de



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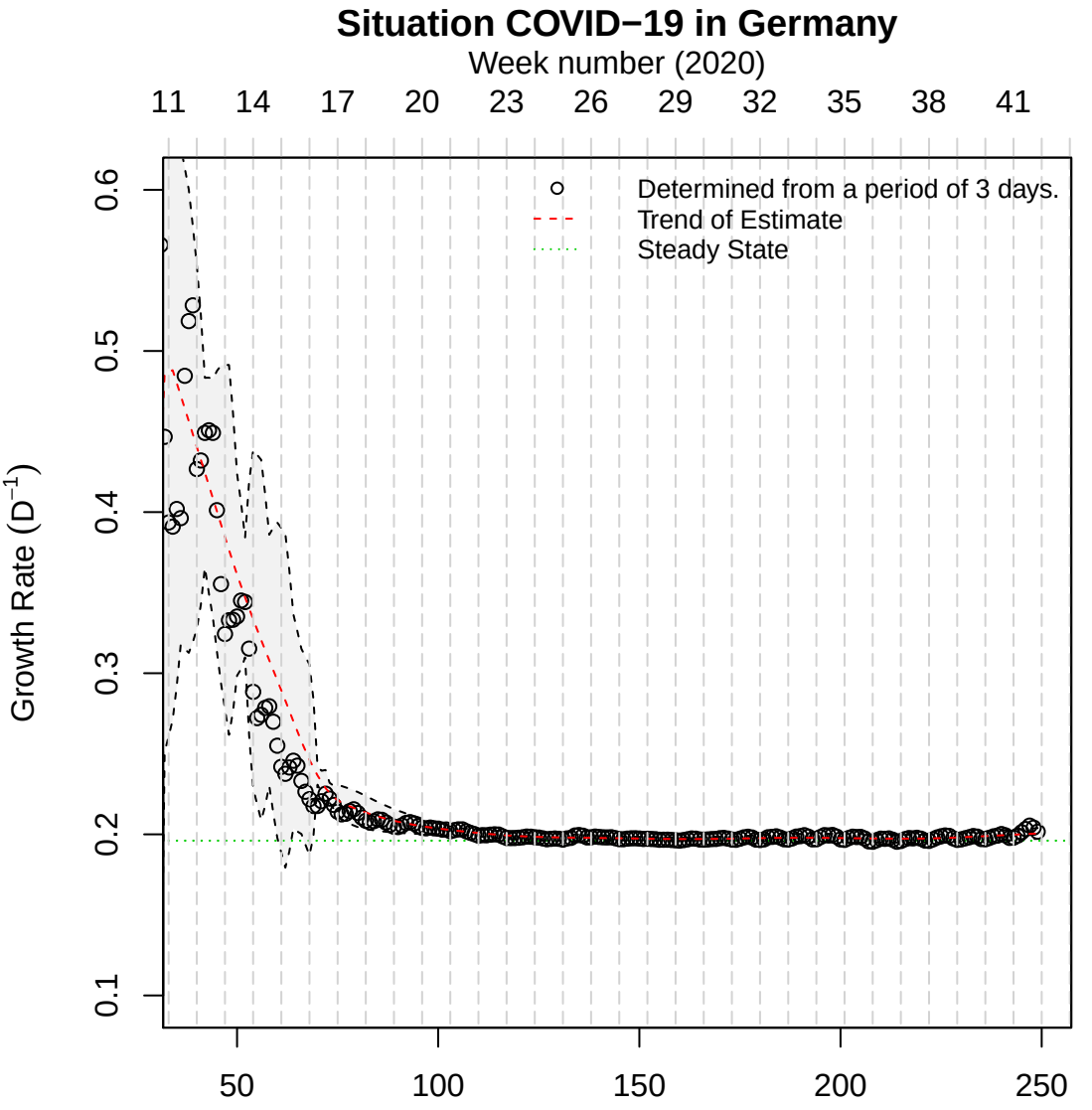

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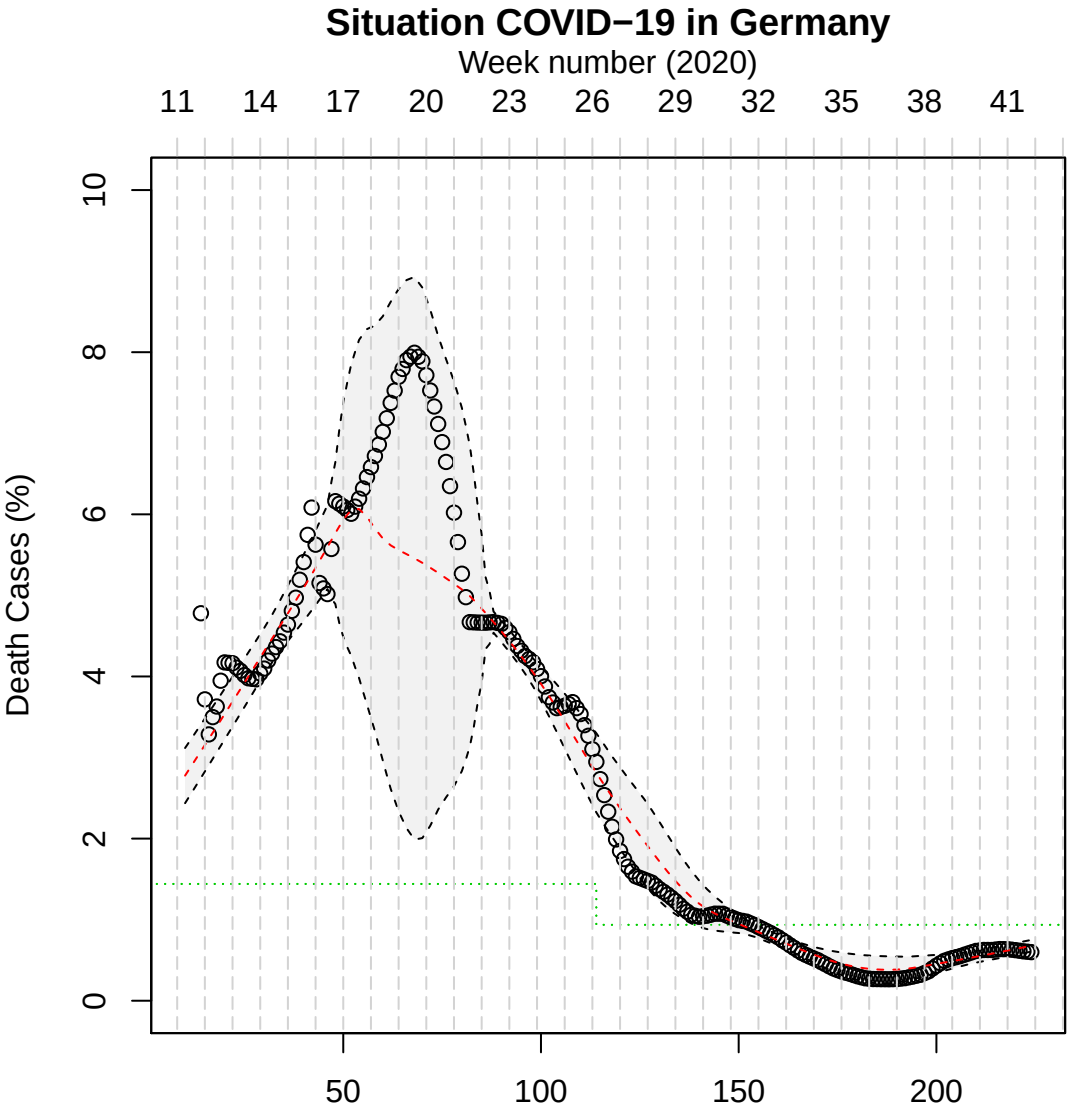

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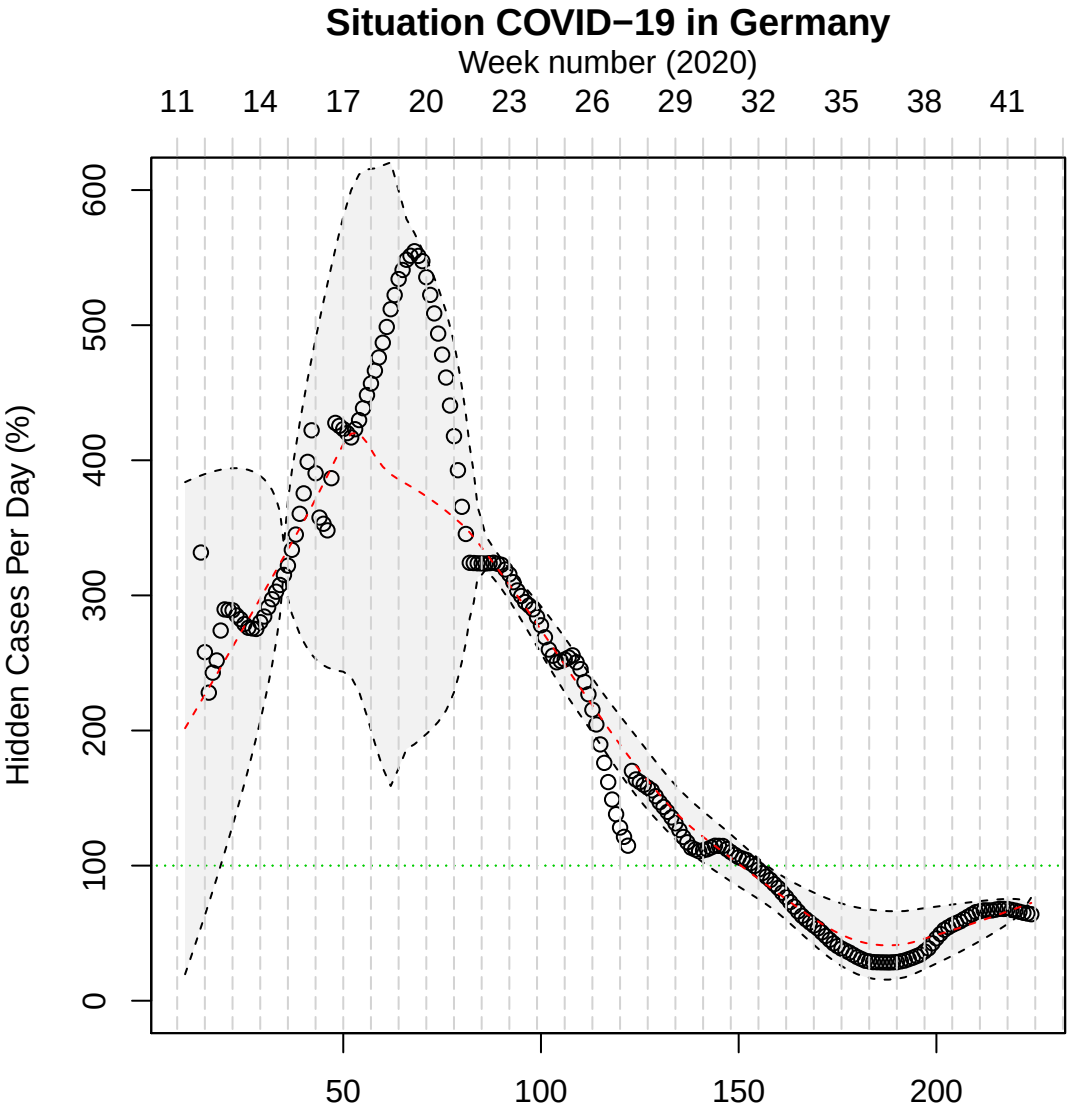

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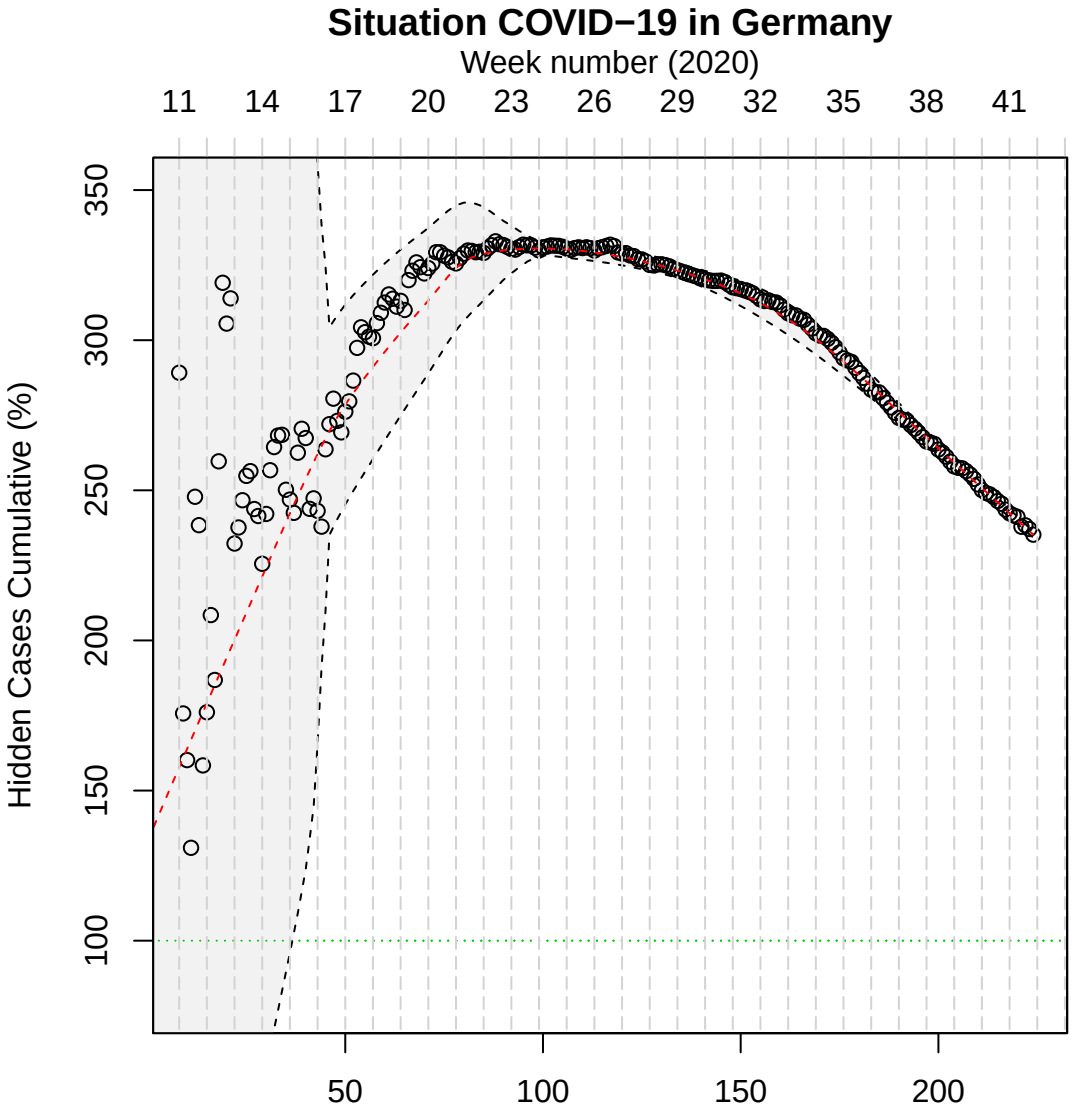

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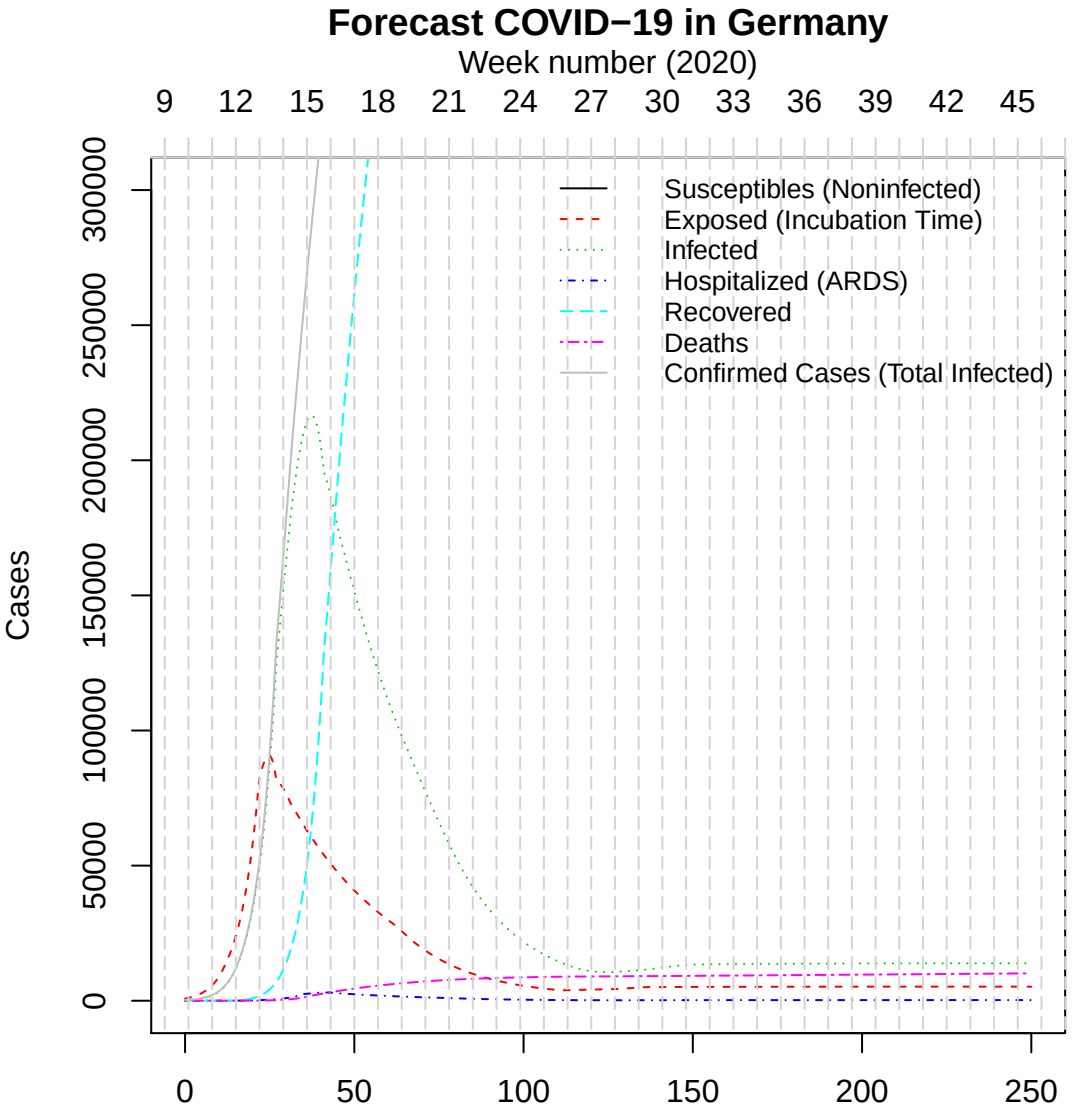

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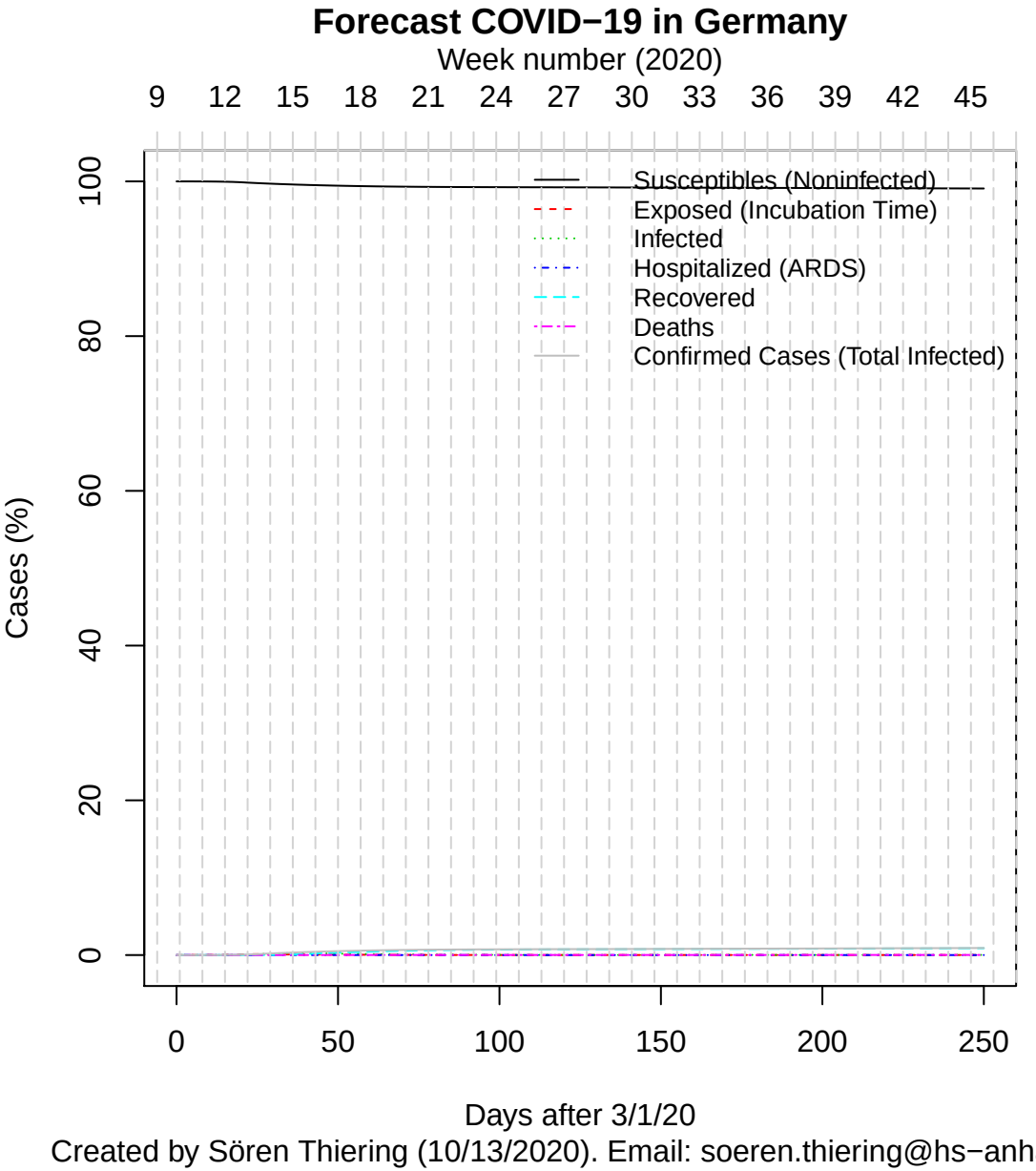
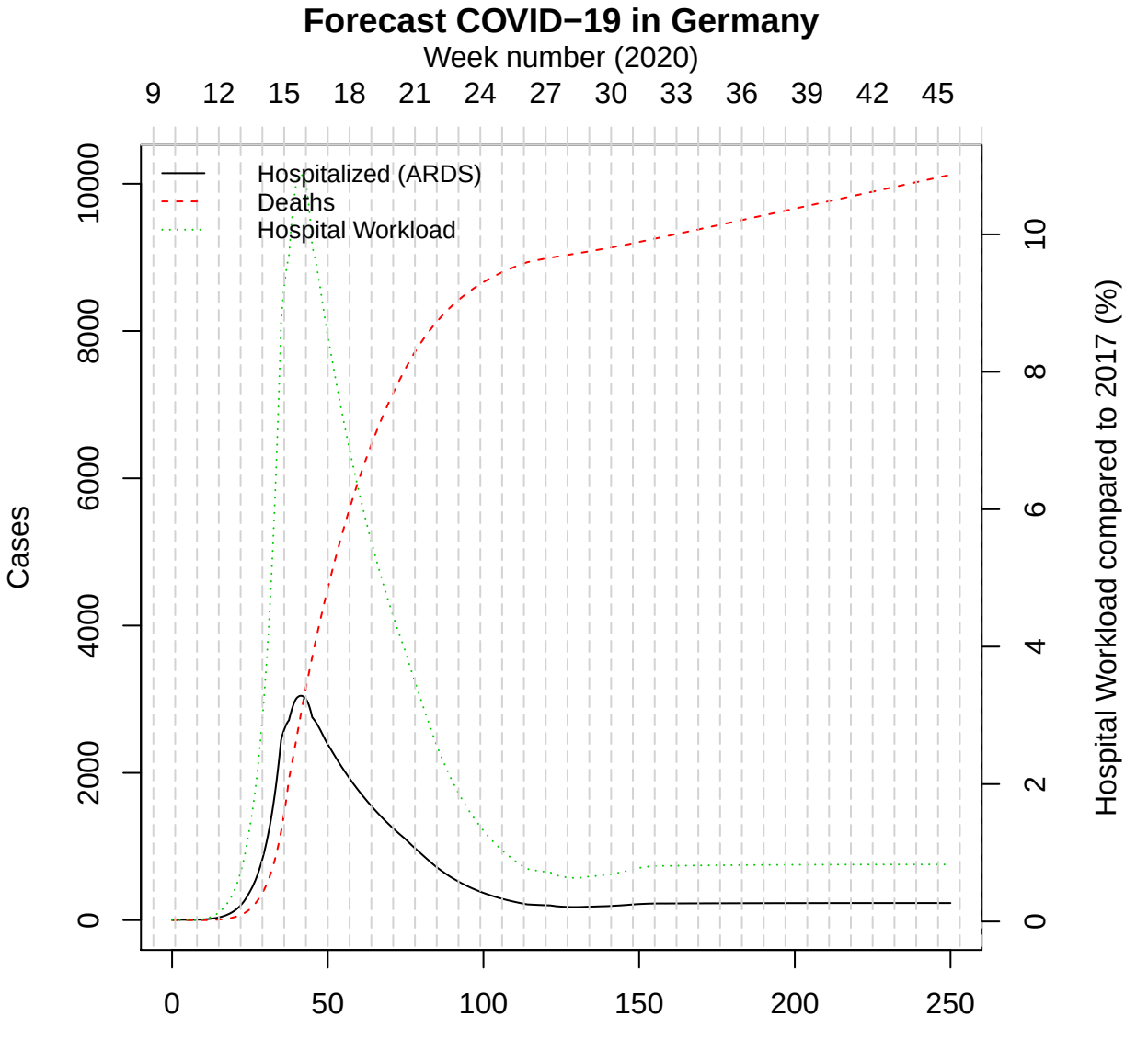

Forecast COVID−19 in Germany
Week number (2020)
9
12
15
18
21
24
27
30
33
36
39
42
45
Susceptibles (Noninfected)
Exposed (Incubation Time)
Infected
Hospitalized (ARDS)
Recovered
Deaths
Confirmed Cases (Total Infected)
Cases (%)
0
20
40
60
80
100
0
50
100
150
200
250
Days after 3/1/20
Created by Sören Thiering (10/13/2020). Email: soeren.thiering@hs−anhalt.de



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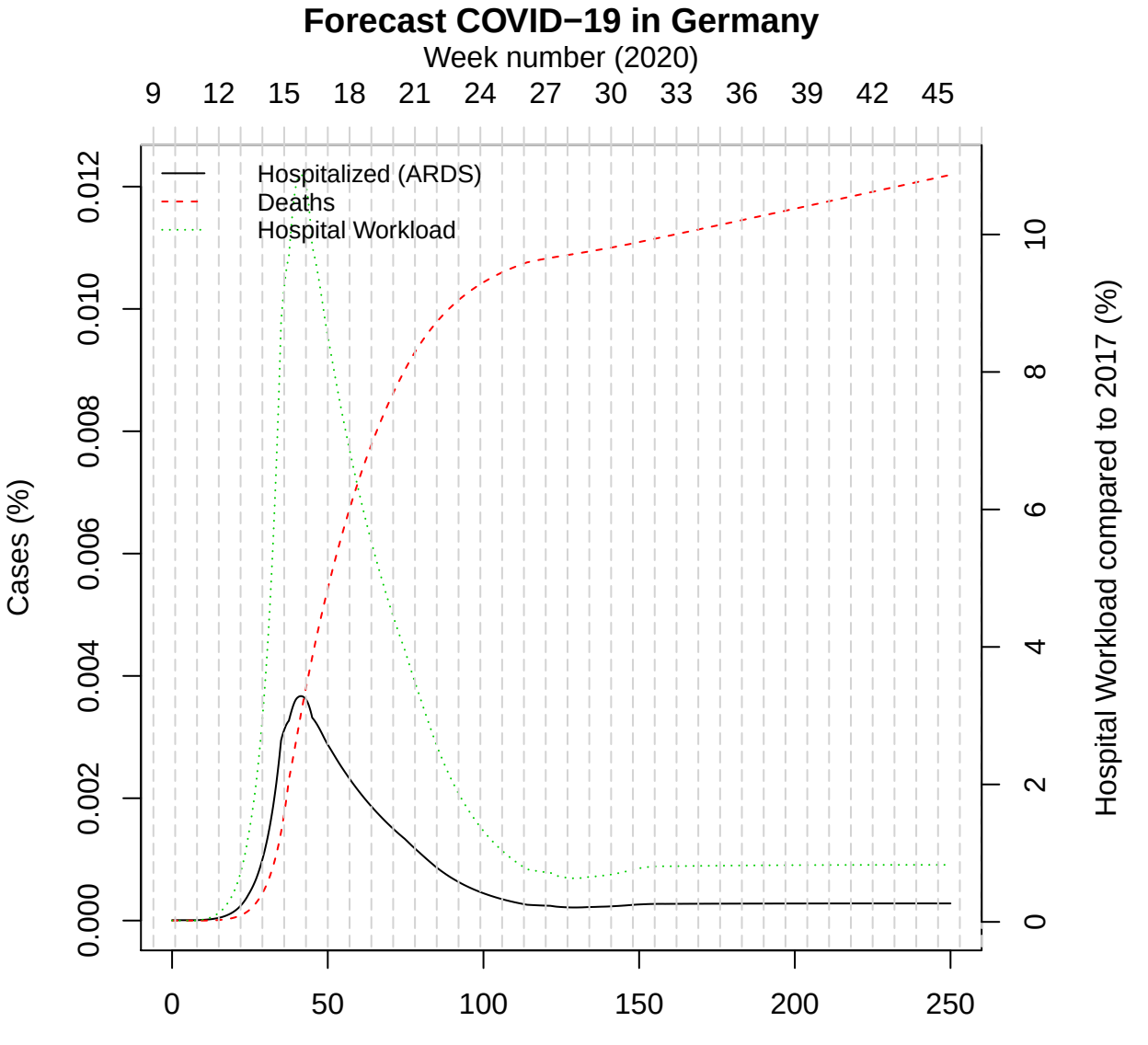

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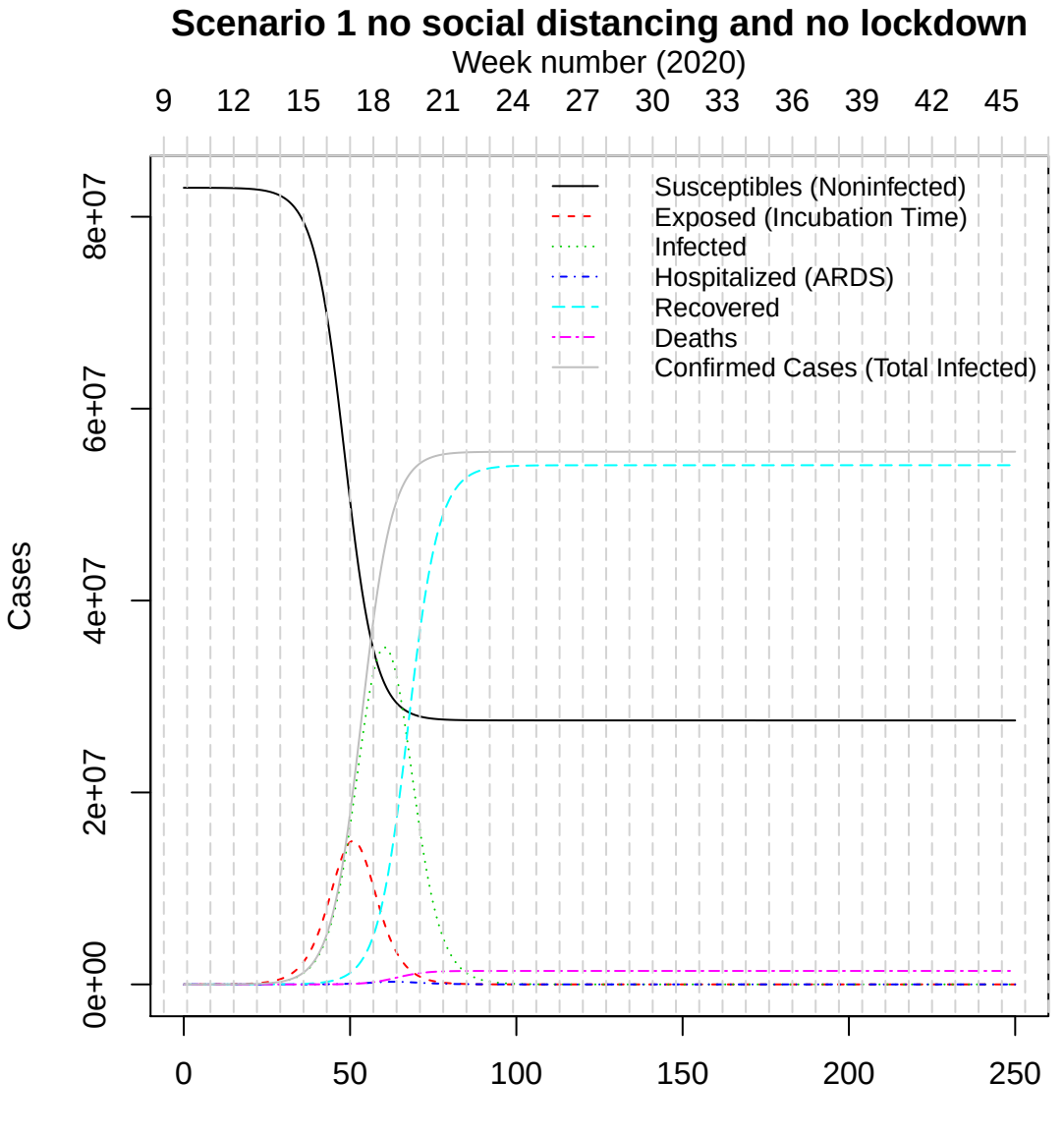

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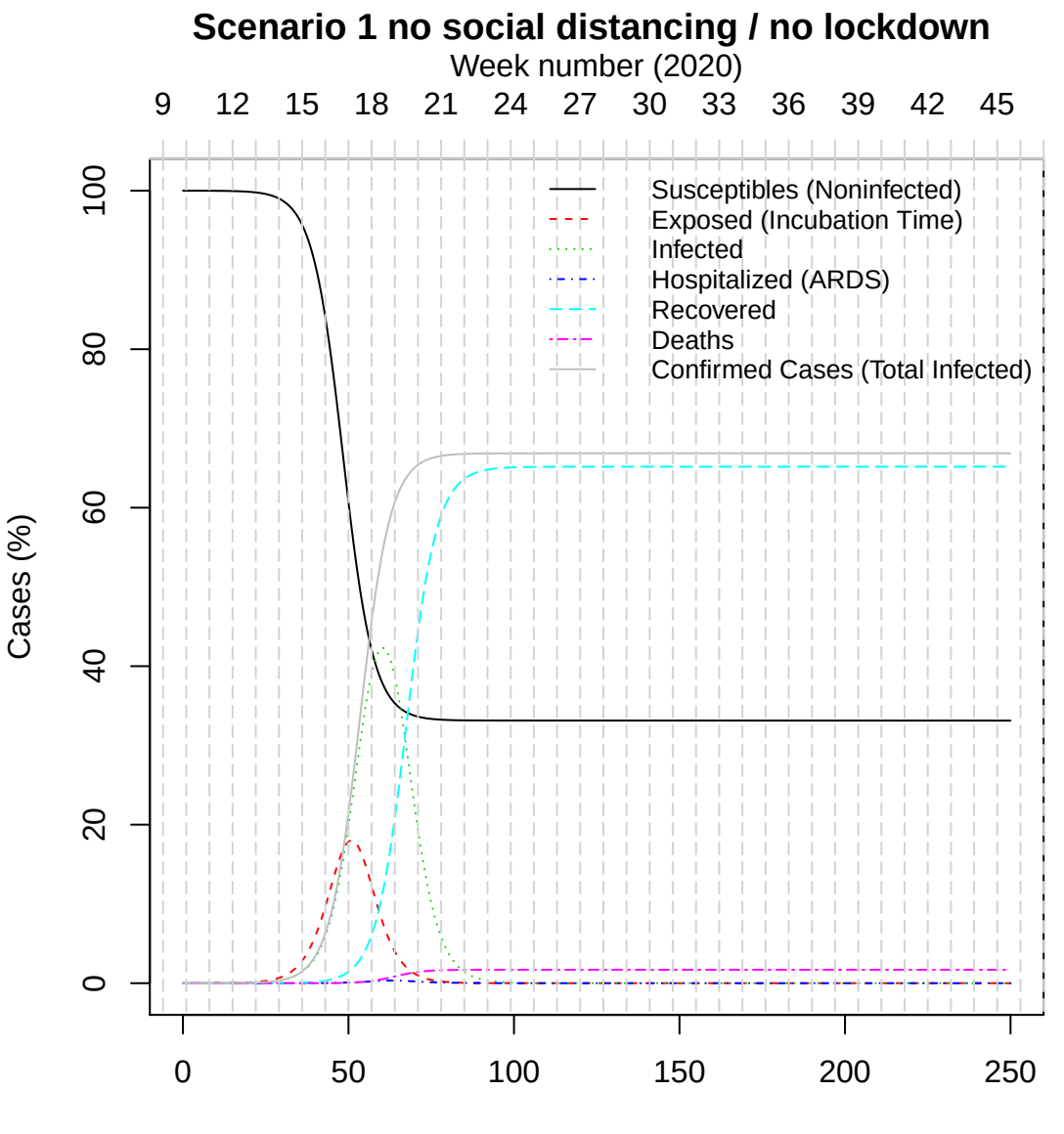

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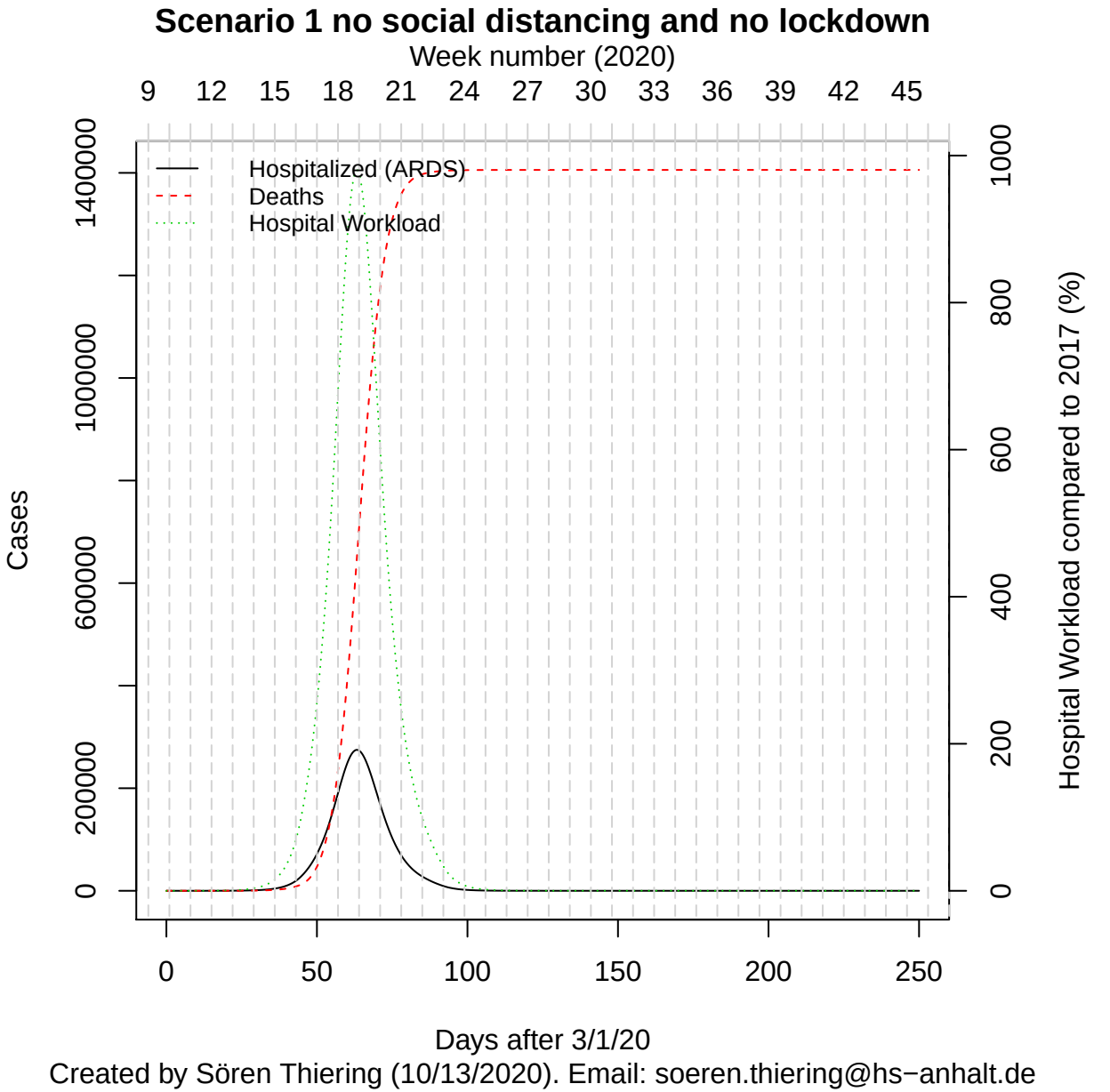

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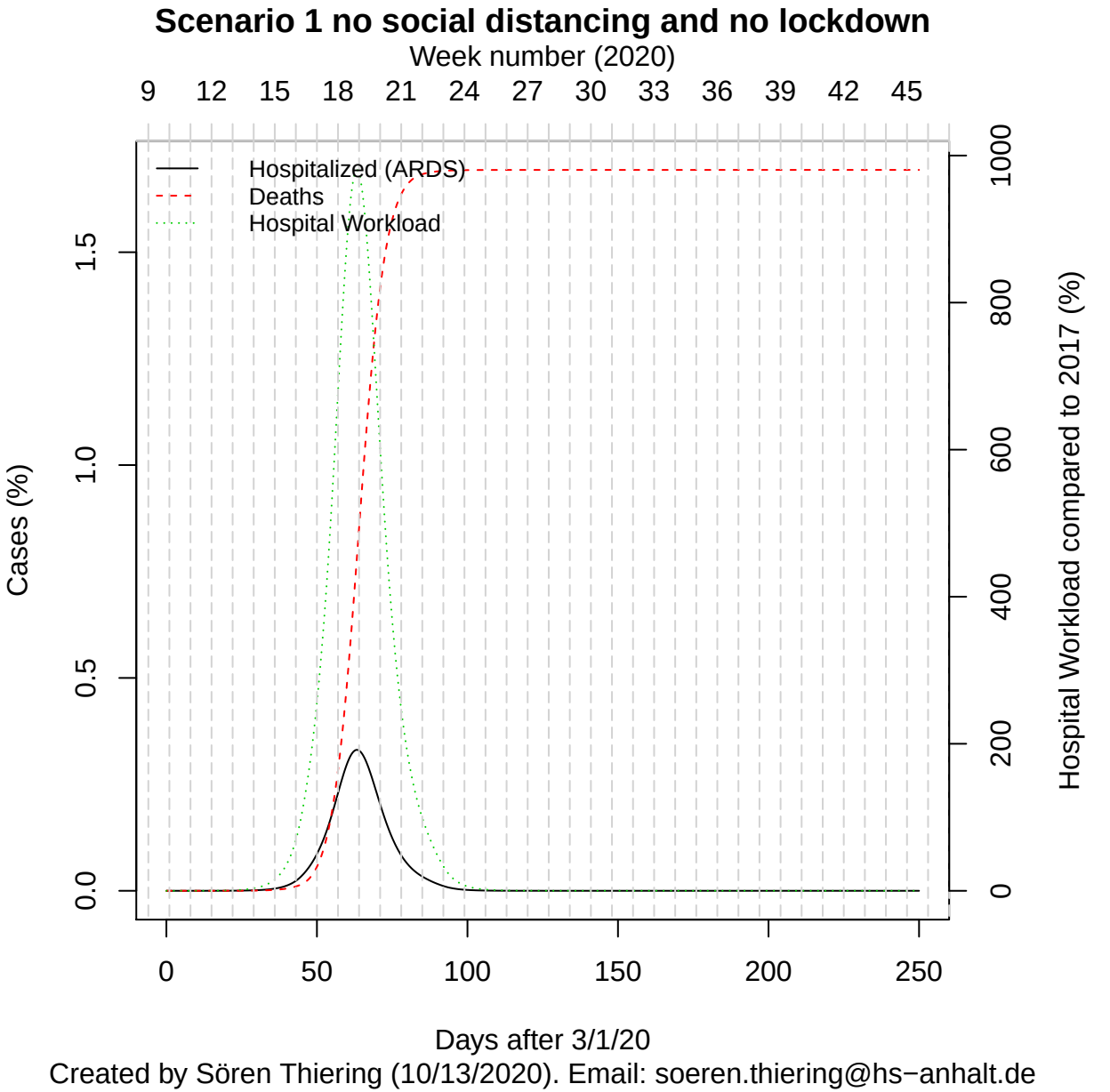

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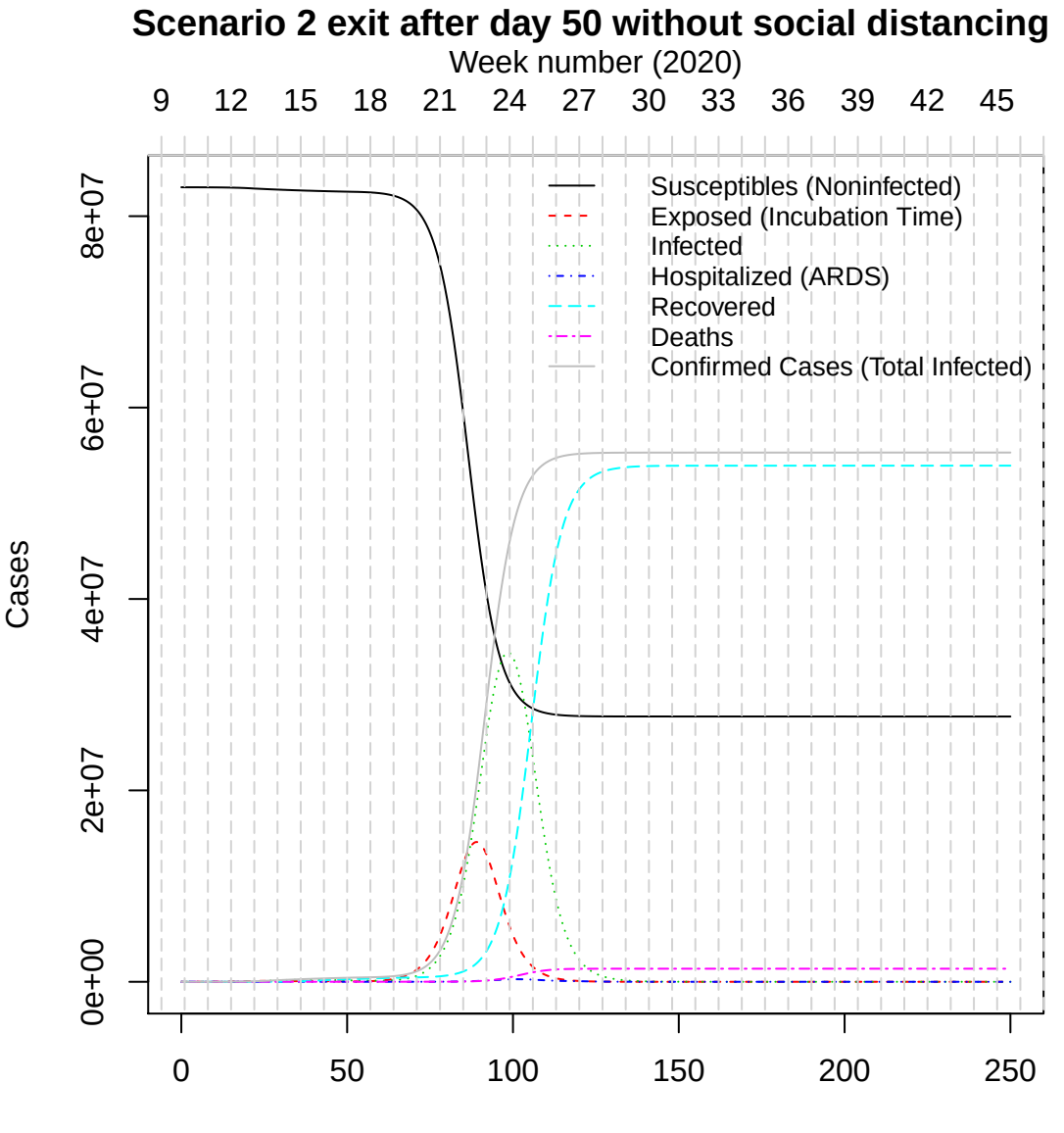

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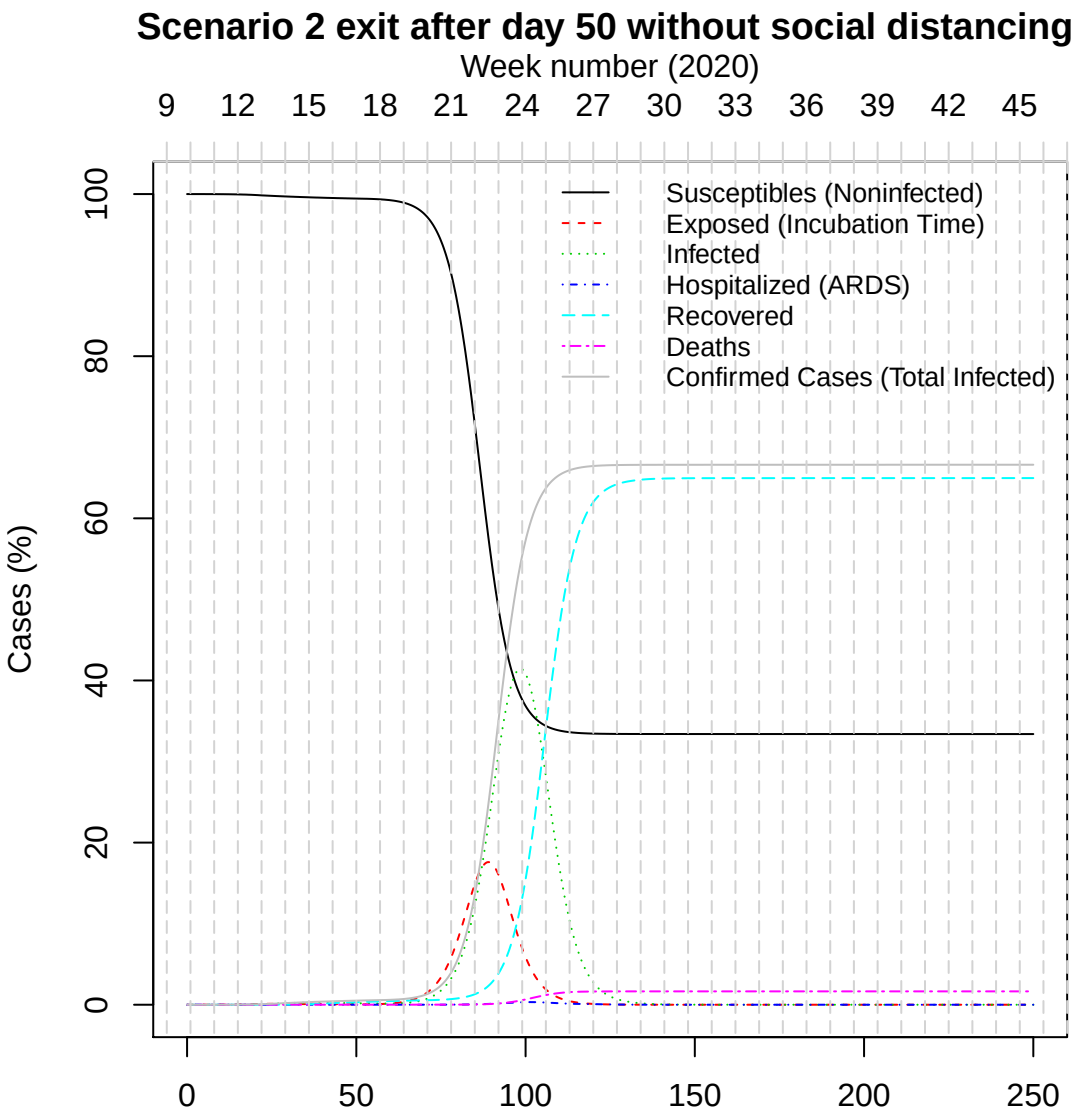

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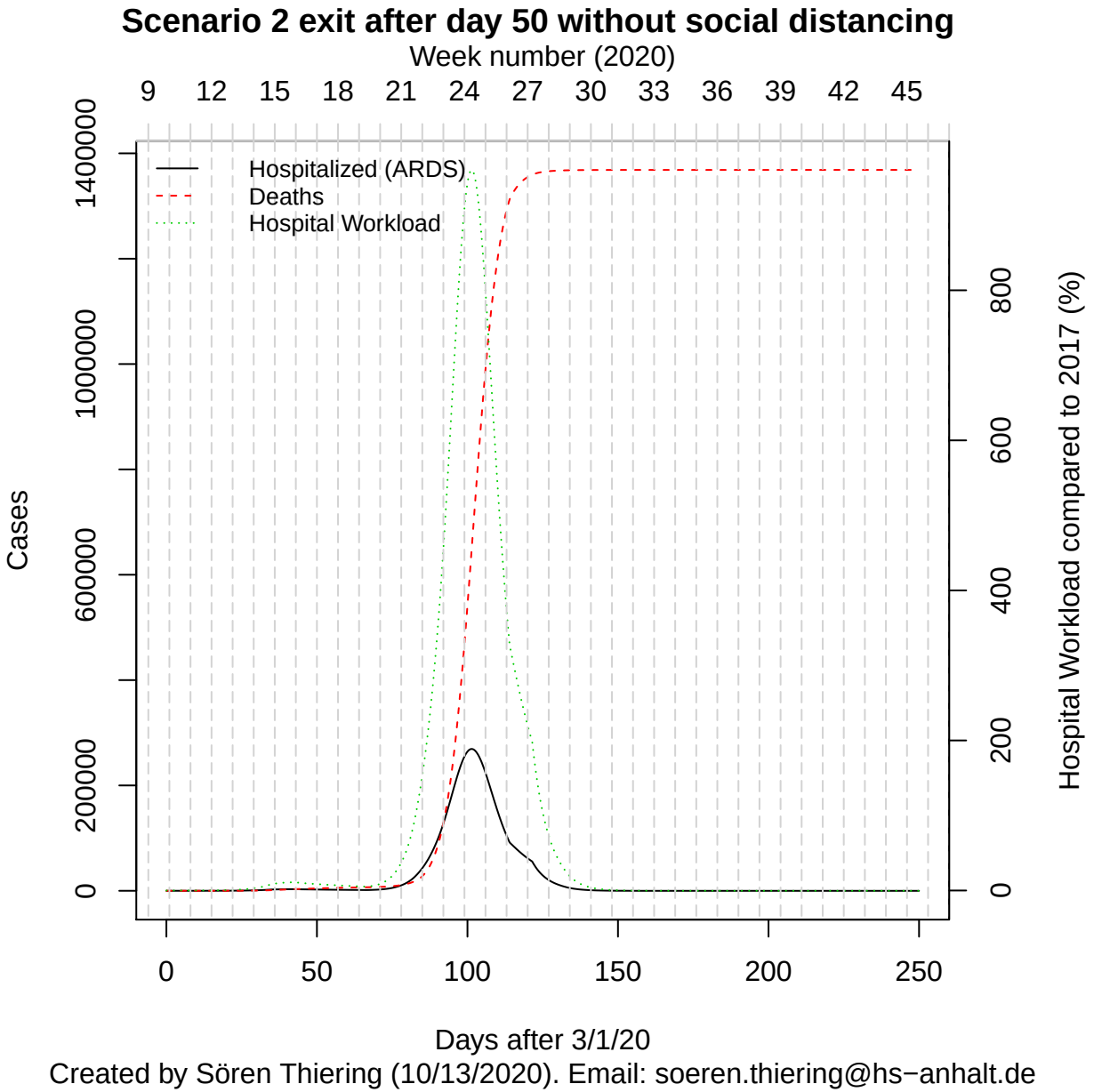

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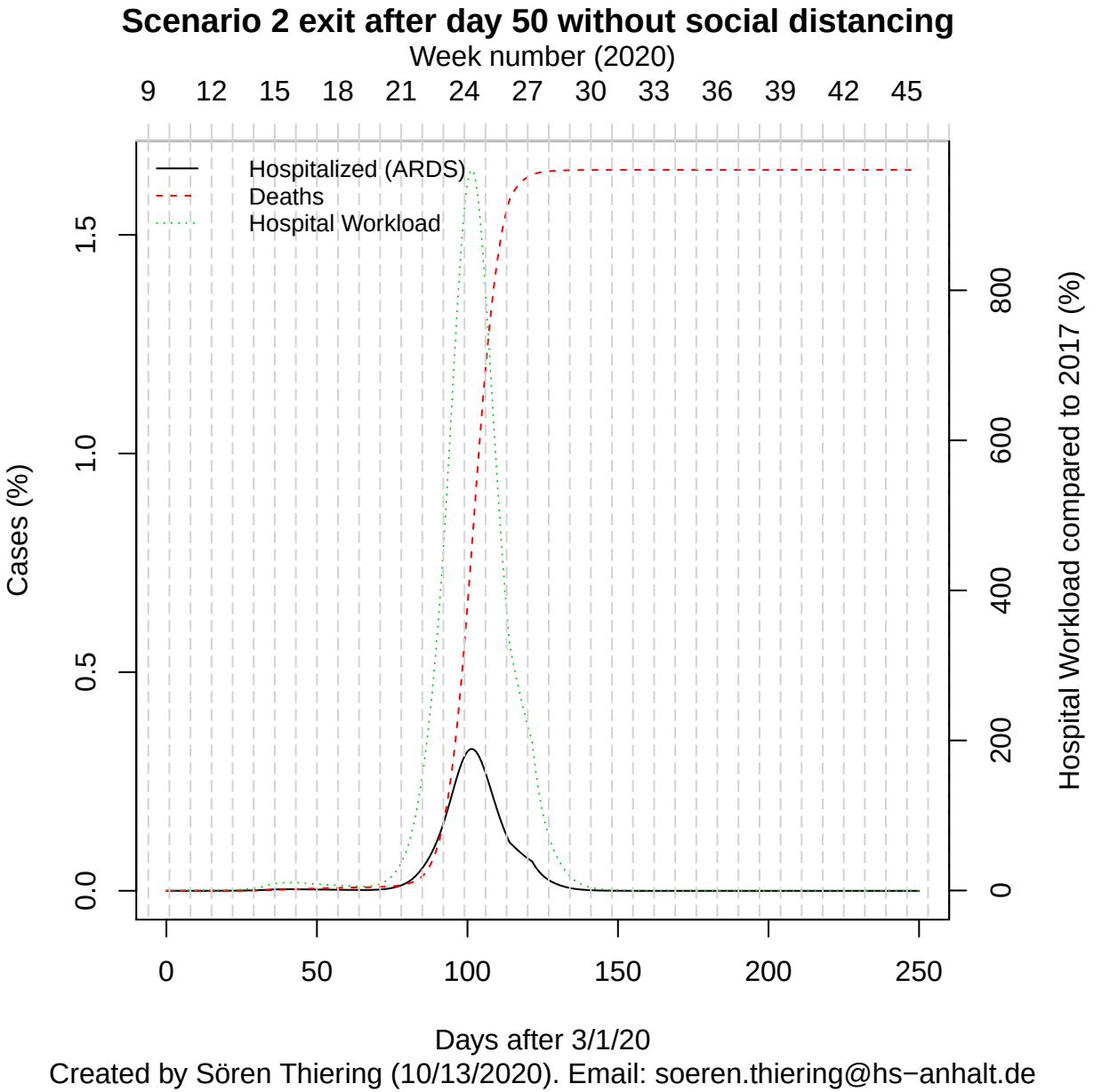

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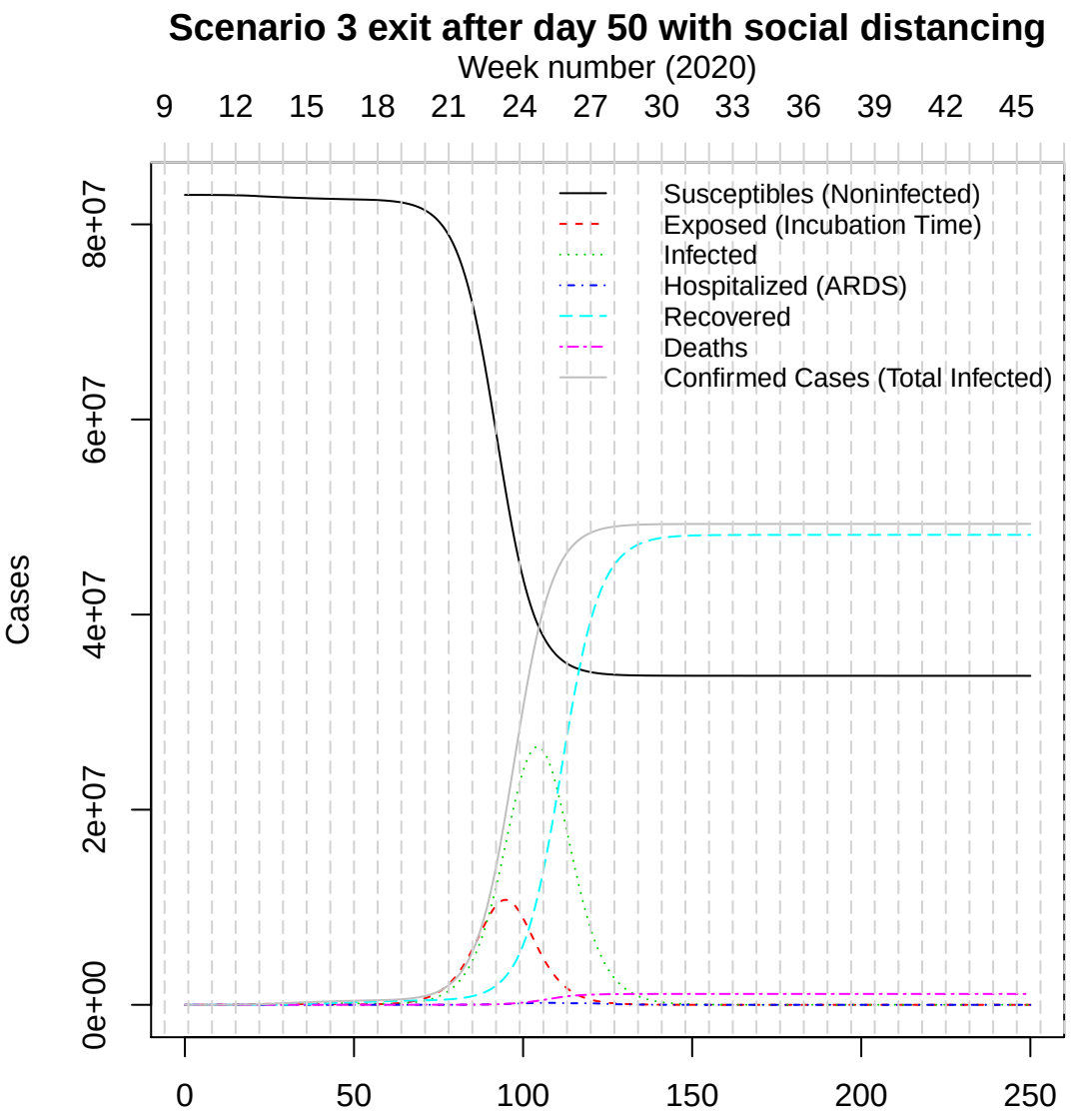

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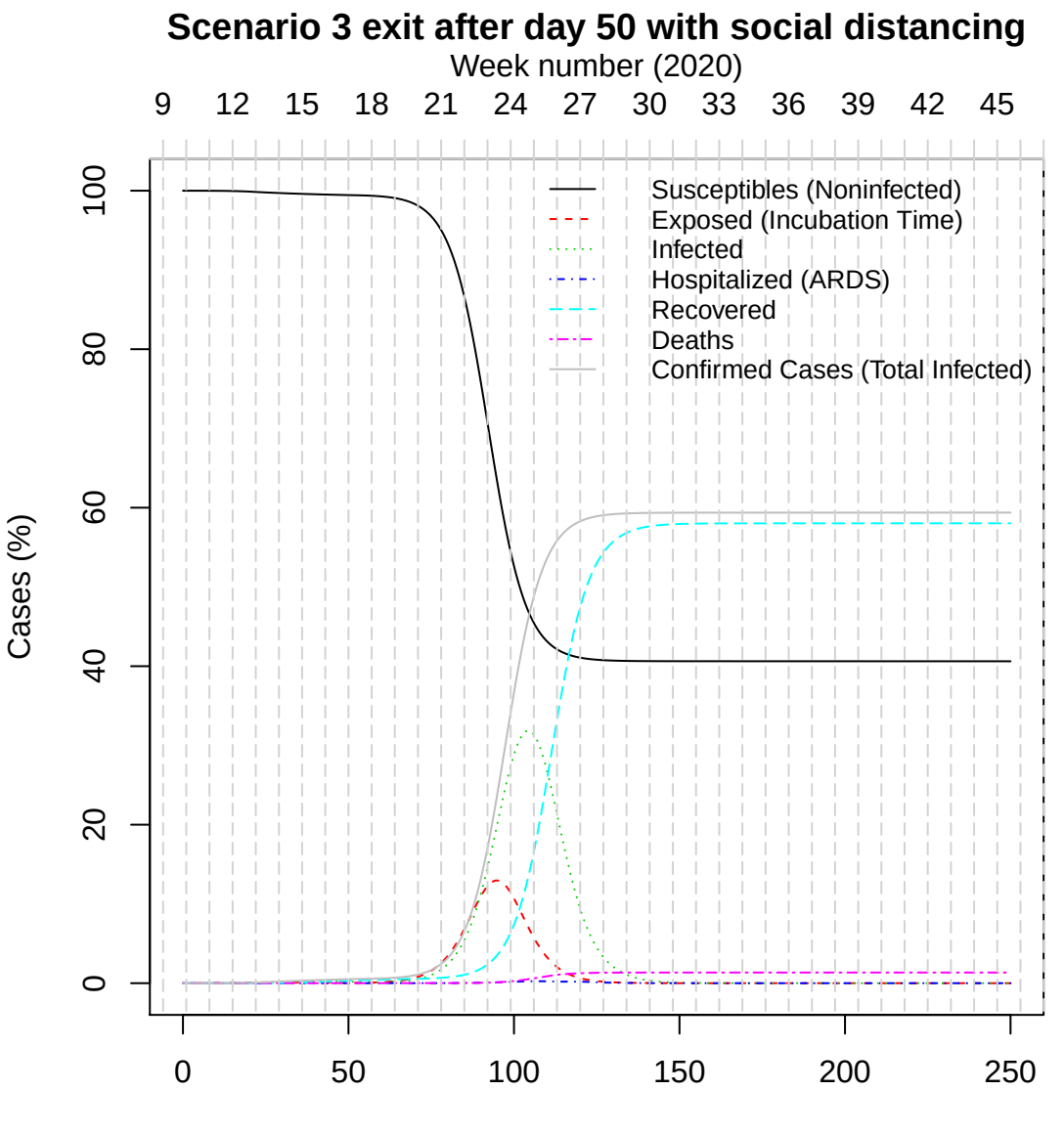

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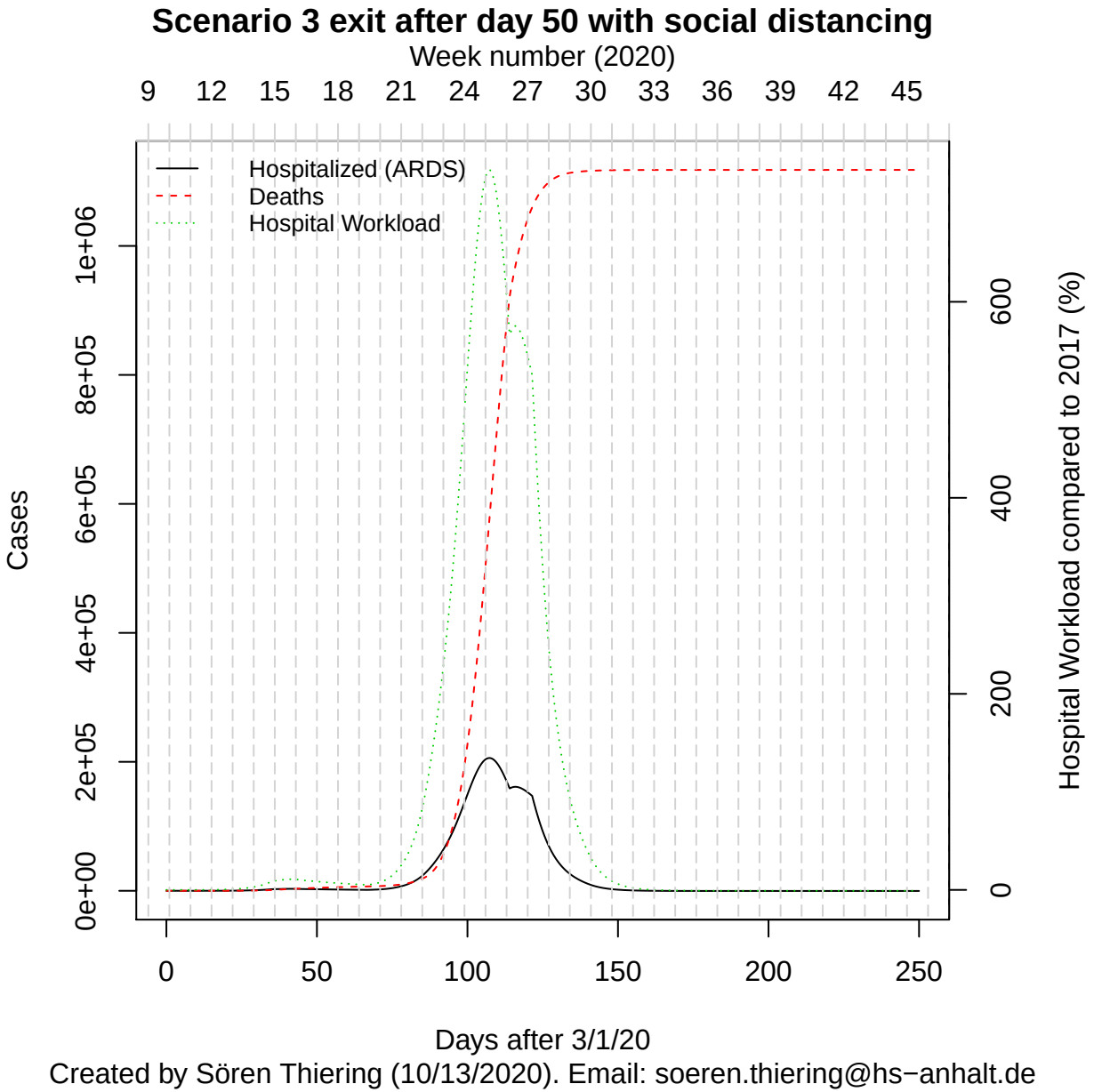

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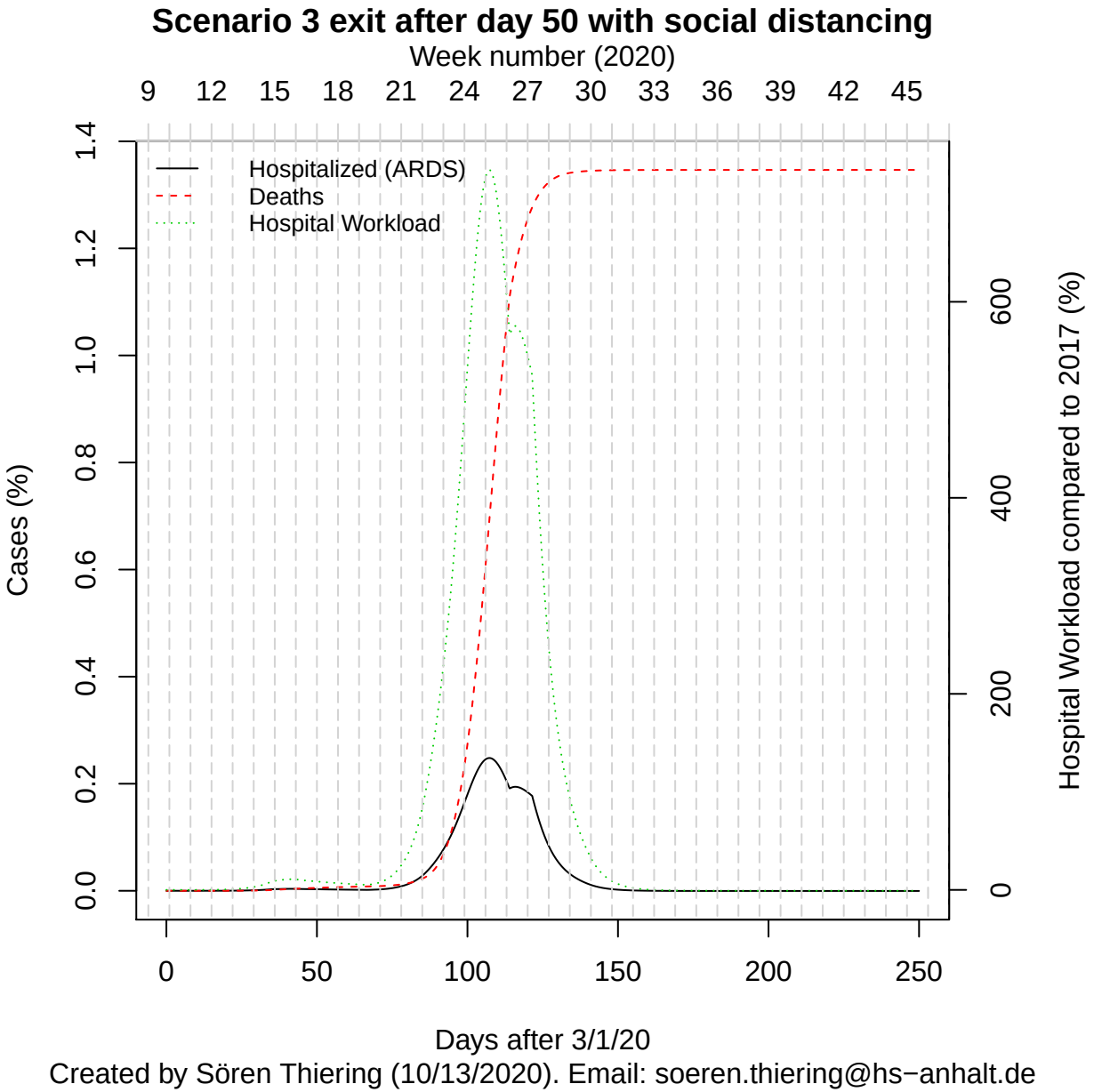

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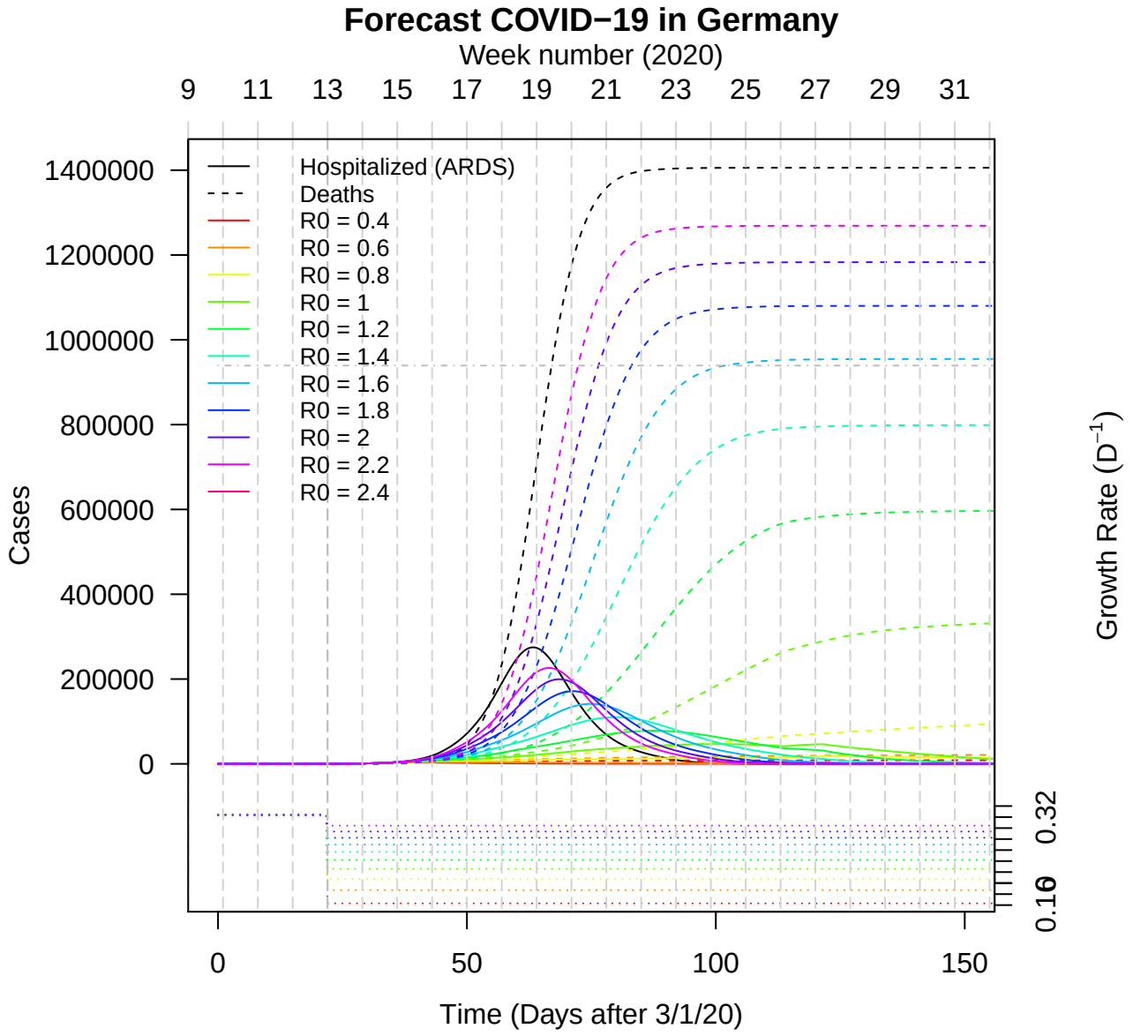

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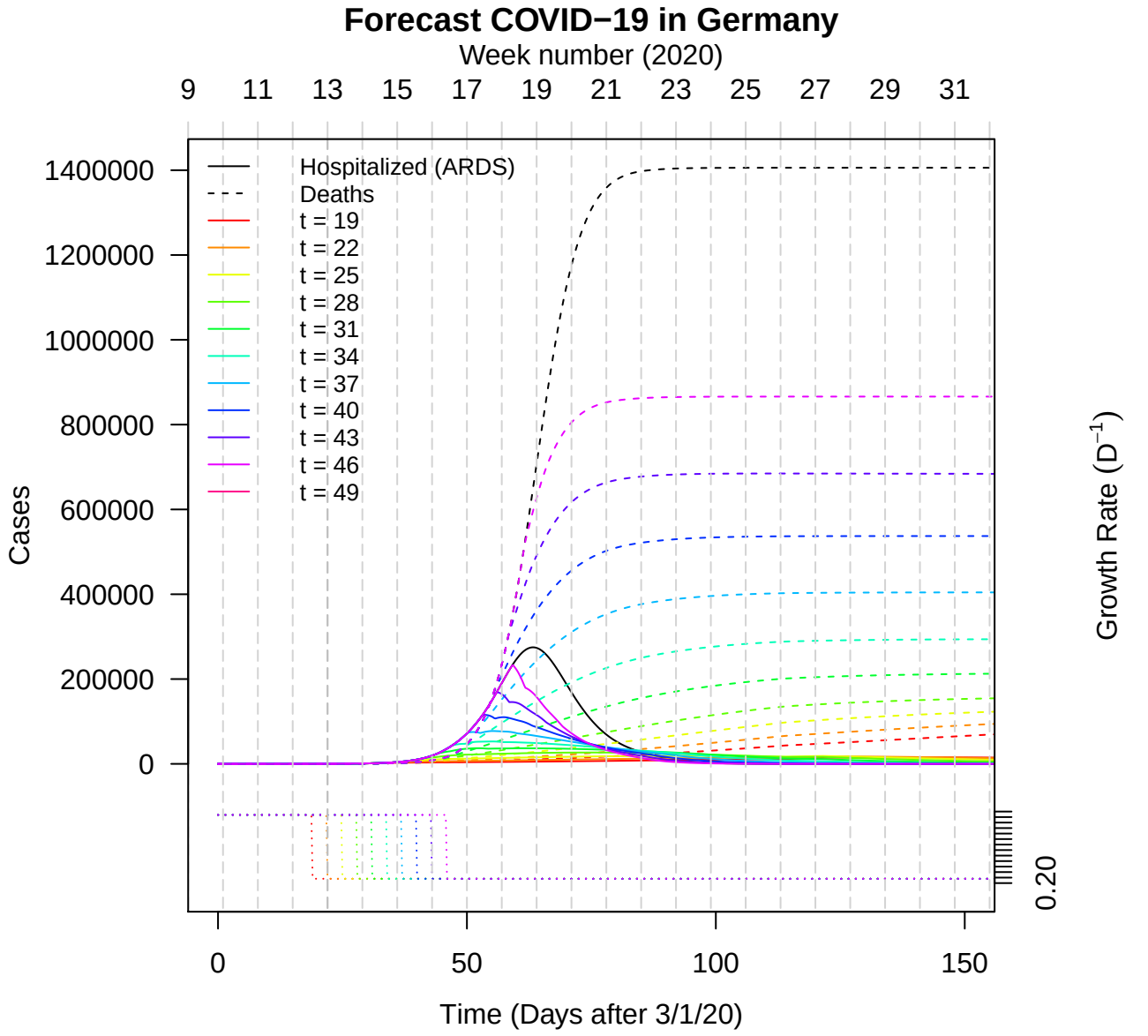

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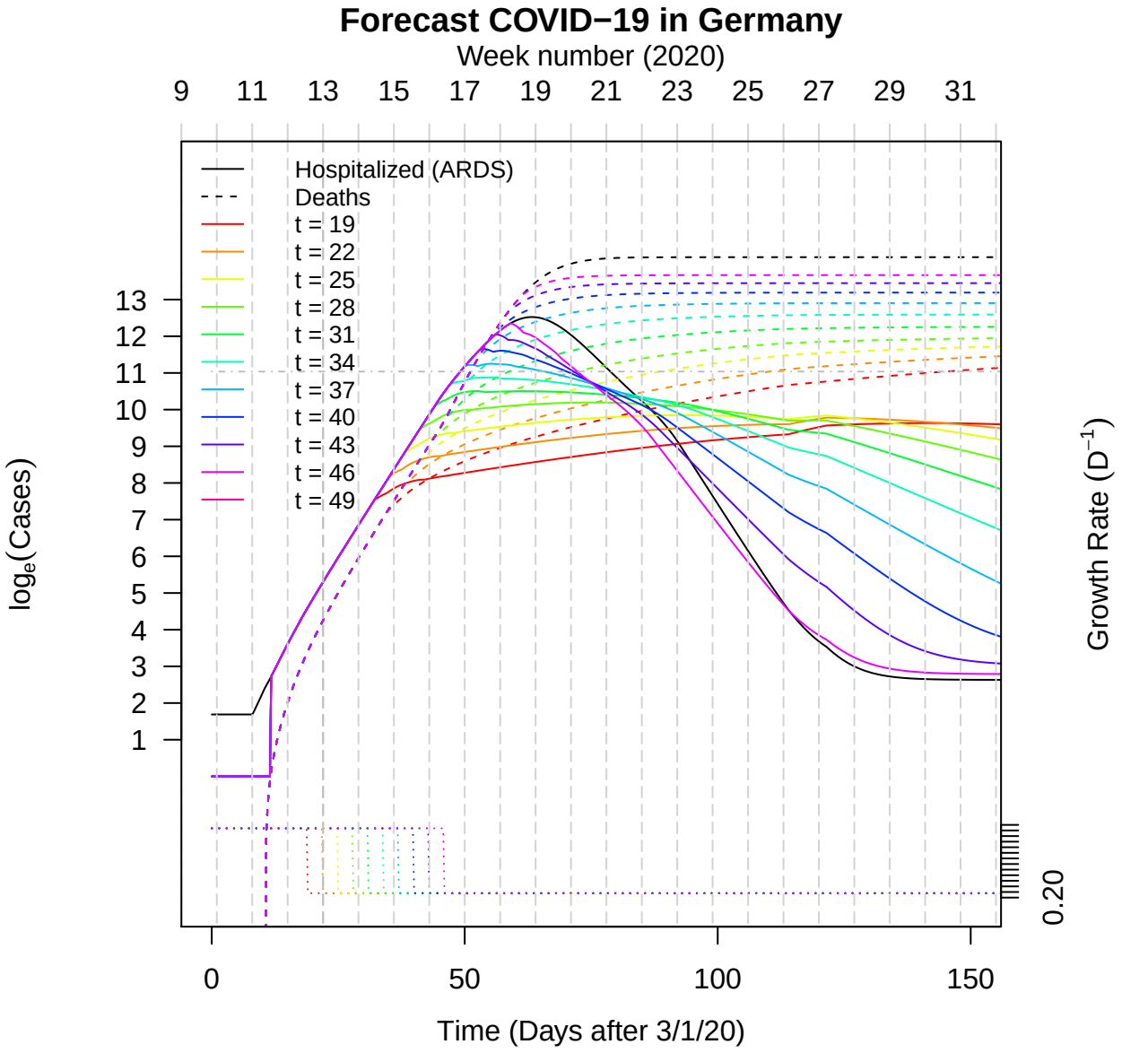

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