Modelling Recovered Cases and Death Probabilities for the COVID-19 Outbreak

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Update on April 7th

Days	Germany	Korea	Italy	Spain	France	UK	US
1	0.000	0.032	0.031	0.083	0.000	0.025	0.009
2	0.002	0.000	0.034	0.000	0.000	0.000	0.000
3	0.000	0.000	0.006	0.000	0.000	0.000	0.000
4	0.000	0.000	0.000	0.003	0.000	0.000	0.000
5	0.000	0.000	0.007	0.027	0.000	0.000	0.000
6	0.000	0.000	0.072	0.000	0.000	0.002	0.000
7	0.004	0.000	0.001	0.000	0.000	0.195	0.047
8	0.006	0.000	0.000	0.000	0.102	0.000	0.000
9	0.000	0.000	0.000	0.000	0.150	0.000	0.000
10	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12	0.002	0.000	0.000	0.000	0.000	0.000	0.000
13	0.028	0.000	0.000	0.000	0.000	0.000	0.000
14	0.001	0.002	0.000	0.000	0.000	0.000	0.000
15	0.958	0.966	0.856	0.889	0.763	0.783	0.944

Table 1: Updated table of the paper, data up to day 76

The technique is exactly the same as in the paper, treating $d = 14$ days and using data backwards for $2d = 28$ days. The UK Recovered are missing for quite some time, and need to be estimated.

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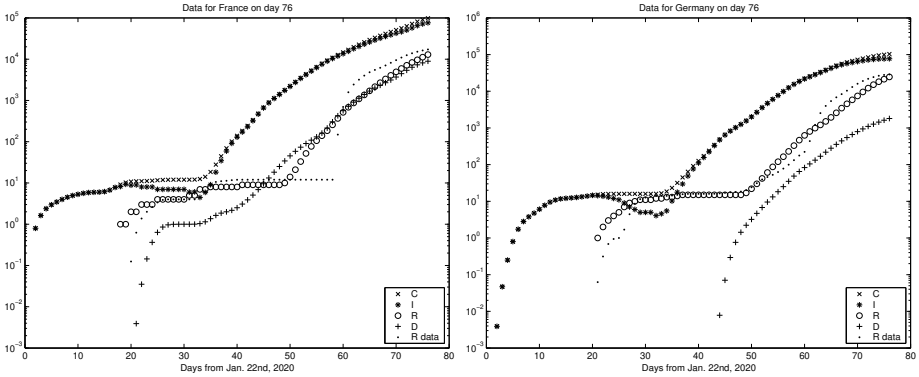

Figure 1: Results for France and Germany

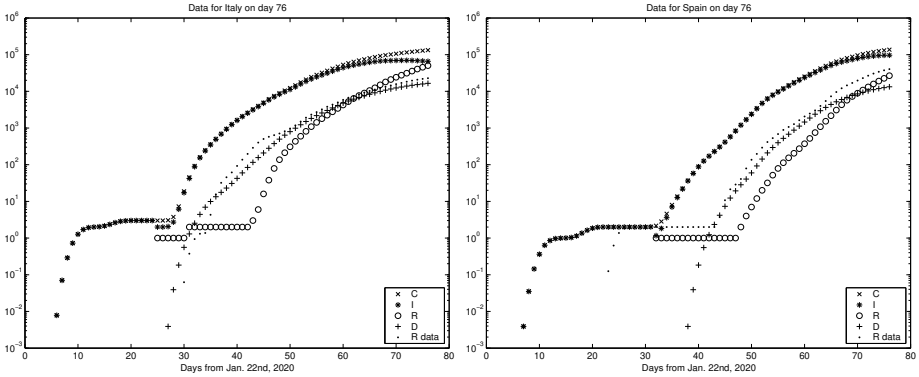

Figure 2: Results for Italy and Spain

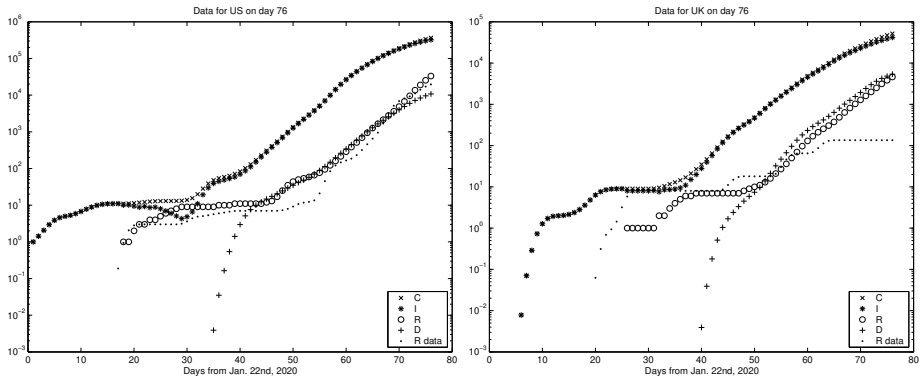

Figure 3: Results for US and UK