

## Exercising with numbers: solution

T	S	I	R	beta	mu	recovery
0	1000	1	0	0.001	0.05	0.1
1	999.1	1.9	0.1			
2	997.3	3.4	0.3			
3	994.1	6.3	0.6			
4	988.1	11.7	1.2			
5	977.3	21.4	2.3			
6	957.5	39.1	4.3			
7	922.2	70.7	8.0			
8	860.9	125.4	14.7			
9	760.0	214.5	26.5			
10	609.0	345.4	46.6			
11	418.3	503.9	78.8			
12	236.7	639.1	125.3			
13	123.6	694.4	182.9			
14	81.6	676.1	243.2			
15	72.4	629.9	298.7			
16	73.2	581.0	346.7			
17	77.1	536.4	387.5			
18	81.9	497.3	421.8			
19	87.1	463.5	450.4			
20	92.4	434.3	474.2			
21	97.7	409.3	494.0			
22	102.9	387.9	510.2			
23	107.9	369.6	523.5			
24	112.7	354.1	534.3			
25	117.2	340.9	543.0			
26	121.4	329.7	549.9			
27	125.4	320.3	555.4			
28	129.0	312.4	559.6			
29	132.3	305.8	562.9			
30	135.3	300.4	565.3			
31	137.9	296.0	567.1			
32	140.3	292.4	568.3			
33	142.3	289.6	569.2			
34	144.0	287.3	569.7			
35	145.5	285.6	569.9			
36	146.7	284.3	570.0			
37	147.7	283.4	569.9			
38	148.5	282.7	569.7			
39	149.2	282.3	569.5			
40	149.6	282.1	569.3			