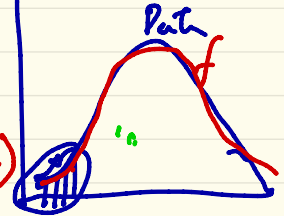
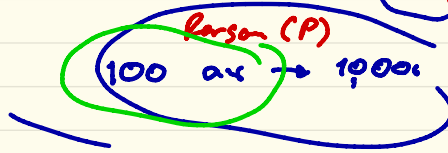


responsibilities

- 1 Highly Responsible
- 2 Moderately Responsible
- 3 Normal
- 4 Risky
- 5 Immured

R_t	R_r
0.1	0.1
0.3	0.3
1.6	1.6
2.2	2.2
0.0	0.0

10 %	.	.
20 %	.	.
40 %	.	.
30 %	1000	.
0 %	.	.



$$f(R_{t_{a_1-a_2}}, R_{r_{a_1-a_2}}, P, R_v)$$

$$N = 60,000,000$$

$$\begin{aligned} N_1(0) &= 6 \text{ mil} & 6,0 \\ N_2(0) &= 12 \text{ mil} & 12,0 \\ N_3(0) &= 24 \text{ mil} & 19,0 \\ N_4(0) &= 19 \text{ mil} & 14,0.0001 \\ N_5(0) &= 0 \end{aligned}$$

$$\begin{aligned} N_1(1) \\ N_2(1) \\ N_3(1) \end{aligned}$$

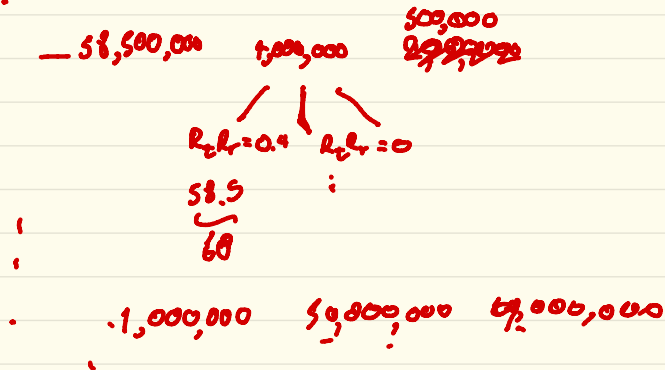
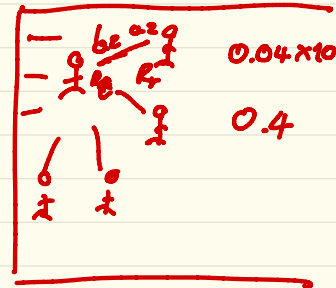
Simple exponential model.

Initial $N = 60$ mit Infektionsstatus

normaler Status R_E, R_I Risiko
 ansteigen $R_E = R_I = 0.04$

/ Person (P) = 10

Initial	Day 0	Normal	Infected	Heal
		60,000,000	10	0
	Day 1	59,999,996	14	0
	Day 2			
	⋮			
	Day 21			10
	⋮			



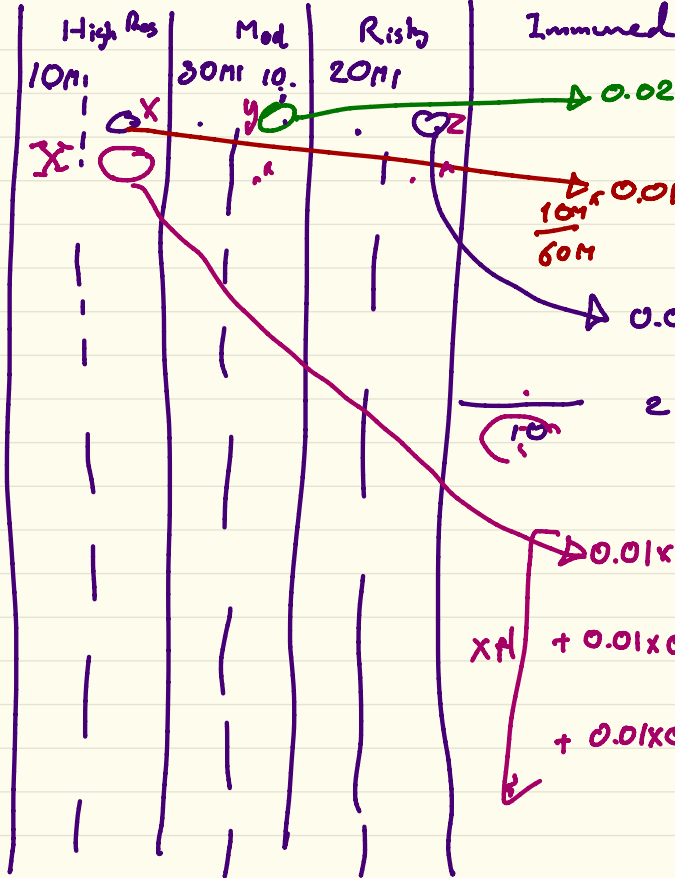
$$R_0 = 2.0$$

$$\frac{1}{60} \times 0.04 \times 50,000,000 \times 10 = 1$$

$$R_L = R_H = 0.01 \quad R_L = R_M = 0.02 \quad R_L = R_R = 0.04$$

$$P = 10$$

Day 0
Day 1



$$X \left[\begin{aligned} &+ 0.01 \times 0.02 \cdot y \cdot 10 \cdot \frac{Y}{60M} \\ &+ 0.01 \times 0.04 \cdot Z \cdot 10 \cdot \frac{Z}{60M} \end{aligned} \right]$$