

1 Generalised Transition Rate Equation

$$T^{j \rightarrow i} = \left(u_i r_{i-1} \frac{n_{i-1}}{N} + (1 - u_{i+1}) r_i \frac{n_i}{N} \right) \frac{n_j}{\bar{r}} \quad (1)$$

When setting up the system, $u_0 = 0$ and $u_{N+1} = 0$ must be defined in order to stop cells mutating past the maximum number of mutations.