

$$\textit{Frac_active_time} = \frac{1/k_{off}}{1/k_{on} + 1/k_{off}} = \frac{k_{on}}{k_{on} + k_{off}}$$

$$\textit{burst_size} = \frac{k_R}{k_{off}}$$

$$\textit{burst_freq} = k_{on}$$