$$\nu = 1 - \frac{r k_O k_P^+}{\mathcal{Z}} \frac{k_P^+ + k_P^- + k_O + \gamma}{\mathcal{Z} + \gamma(k_P^+ + k_P^- + k_O + \gamma) + \gamma^2} < 1,$$

$$\mathcal{Z} = r(k_O + k_P^-) + k_P^+(k_O + r)$$