
Graphical Illustration of Competitive Superiority of Length $l_\beta$ over Length $l_\alpha$
Figure E1: Graphical illustration of competitive superiority of $l_\beta$ over $l_\alpha$ when $l_\alpha < l_\beta$. A, Distribution of the size, given the state of the population. B, Competition function of individuals $\alpha$ (gray) and $\beta$ (black) over every length present in the population for an interference value of $I = I^*$. This illustrates how much individual $\beta$ is competitively superior to individual $\alpha$. C, Measure of the environment $\eta(l)$ felt by an individual of length $l$, given the state of the population in A. This shows that individual $\alpha$ suffers a denser environment than individual $\beta$. D, Resource access for the state of the population given in A. Individual $\alpha$ suffers a stronger competition than individual $\beta$. 