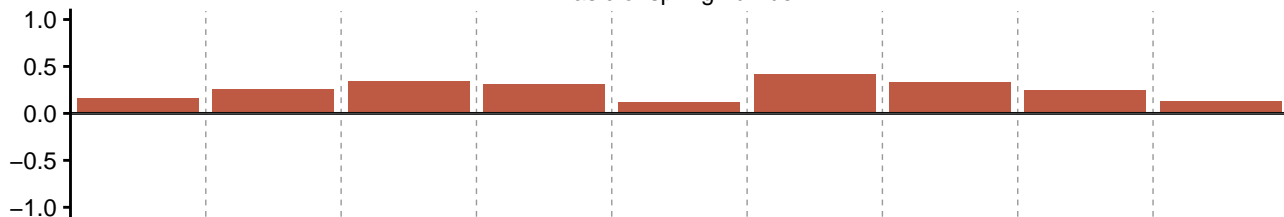


Parameter set: ■ Maximum variation

Basic offspring number



Basic reproduction number



Ingesting rate,  $\lambda_G$

Probing rate,  $\lambda_P$

Landing rate,  $\lambda_L$

Seeking rate,  $\lambda_Q$

Persistence probability,  $\sigma$

Ingesting success,  $p_G$

Probing success,  $p_P$

Landing success,  $p_L$

Seeking success,  $p_Q$