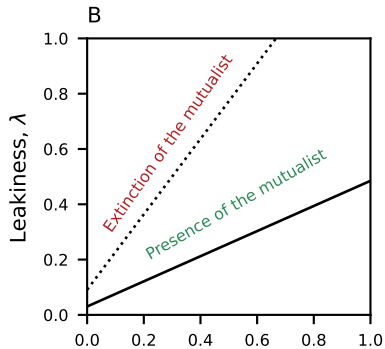
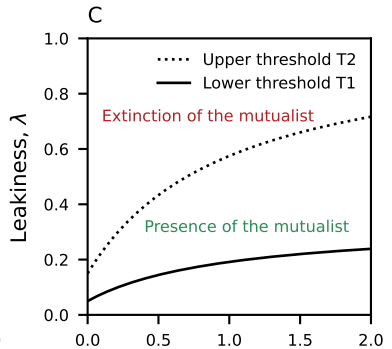


The leakiness of vertical transmission ( $\lambda$ )



Mutualist acquisition,  $\beta$



Selective advantage to host,  $s$