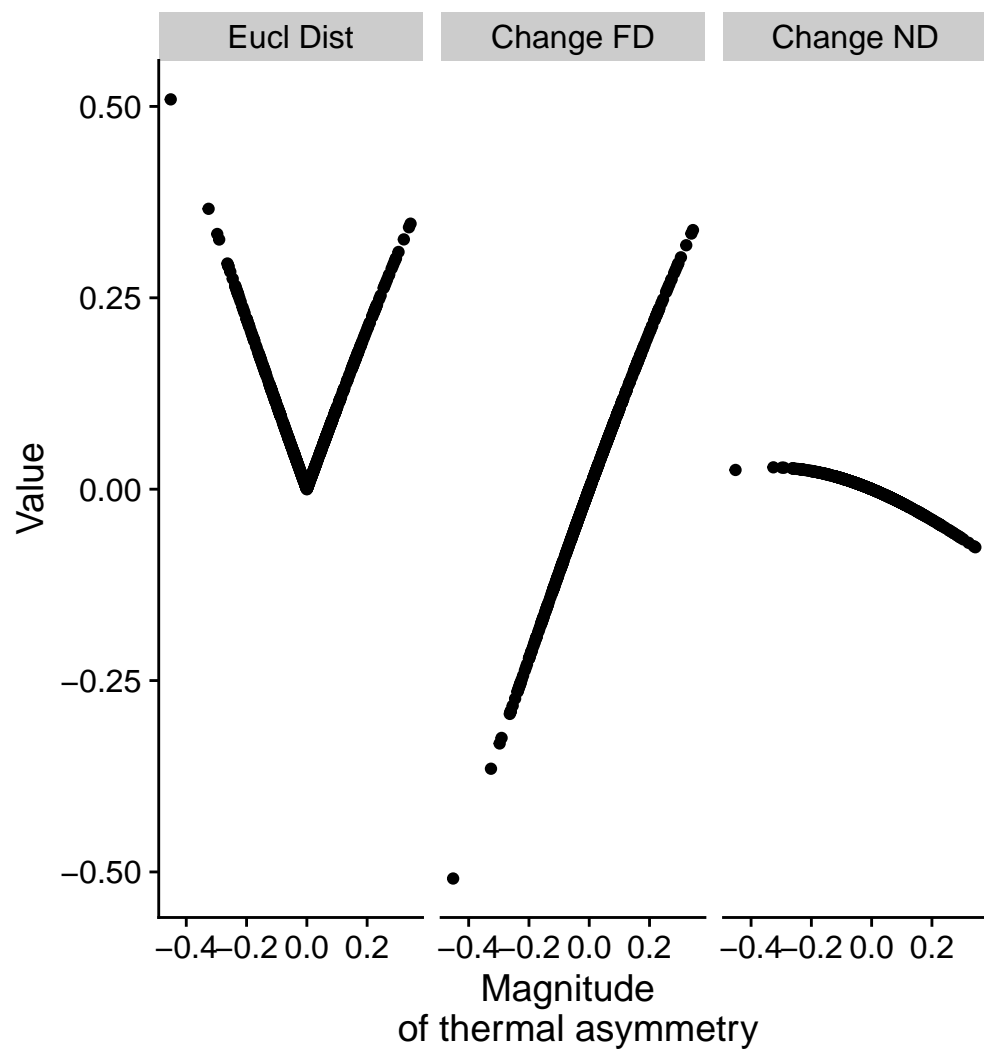
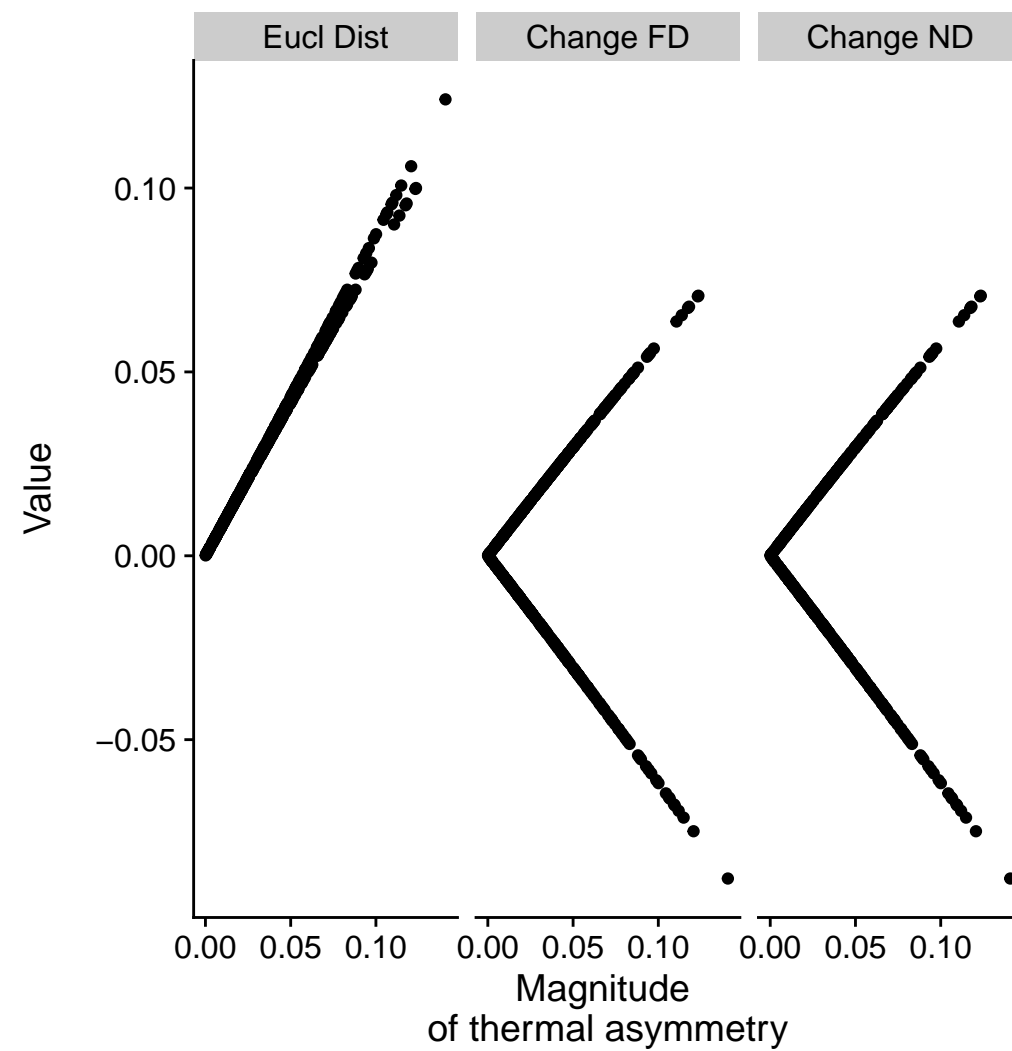
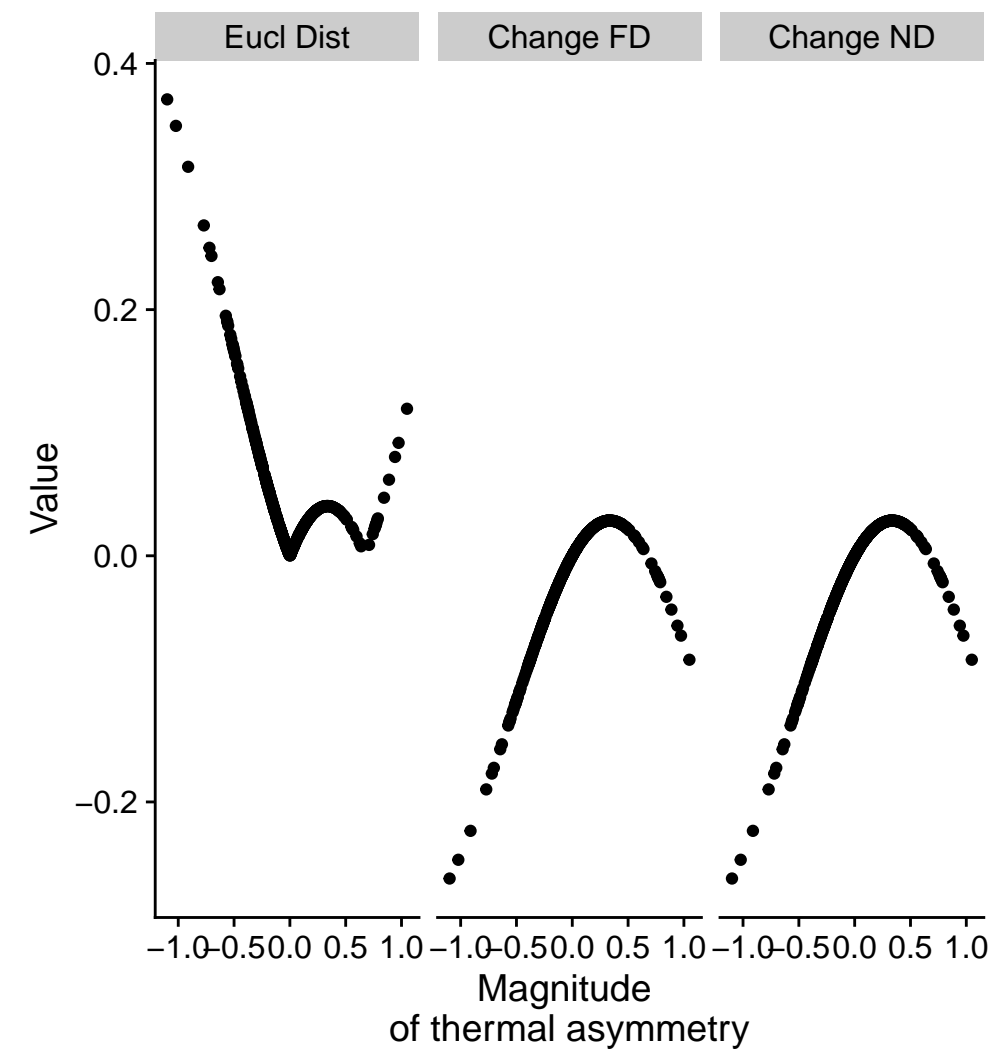
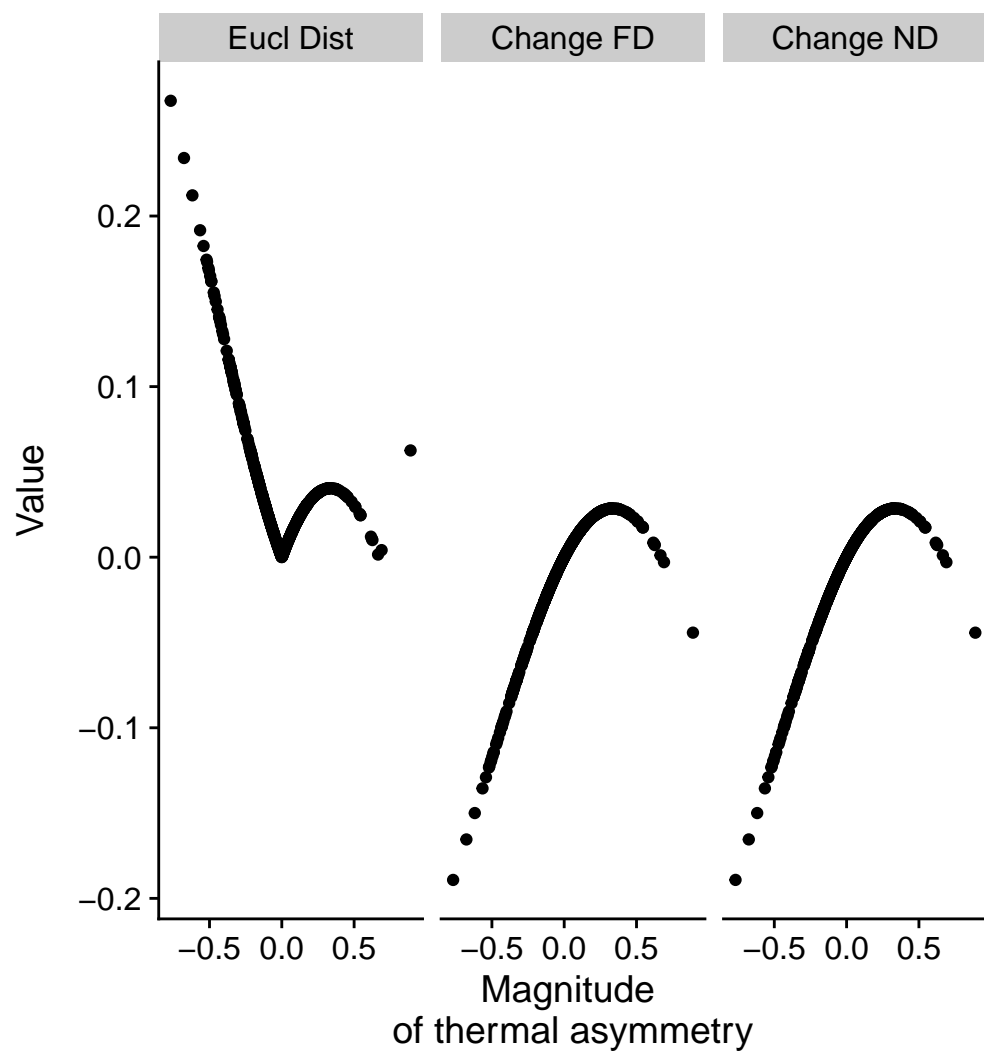


**Resource growth rate,  $r_k$** **Consumption rate,  $c_{ik}$** **Conversion efficiency,  $v_{ik}$** **Resource carrying capacity,  $K_k$** **Mortality,  $m_i$** 