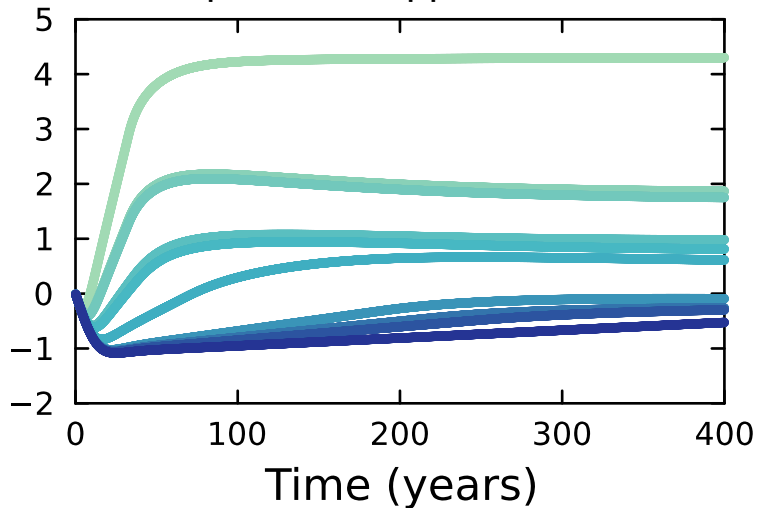
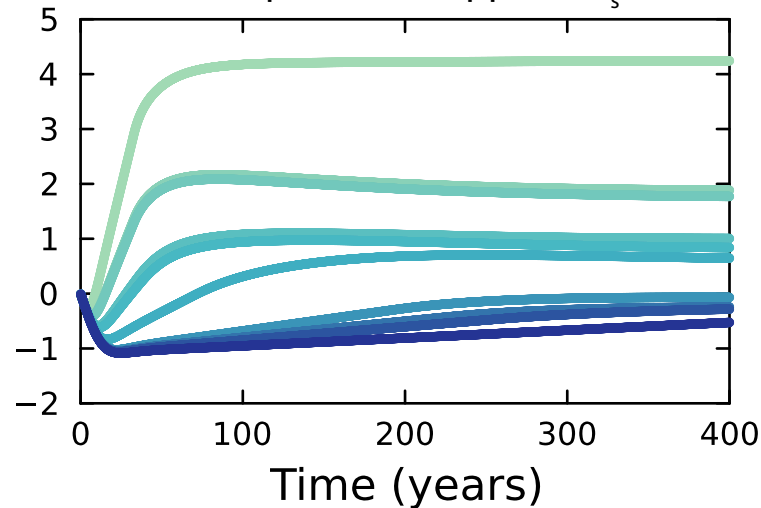


Log population density

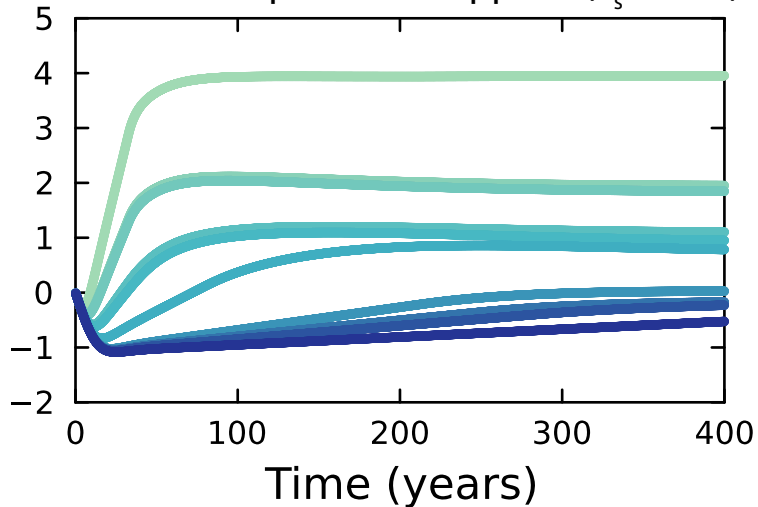
With step function approx.



Without step function approx. ( $k_s = 0.05$ )



Without step function approx. ( $k_s = 0.01$ )



Without step function approx. ( $k_s = 0.003$ )

