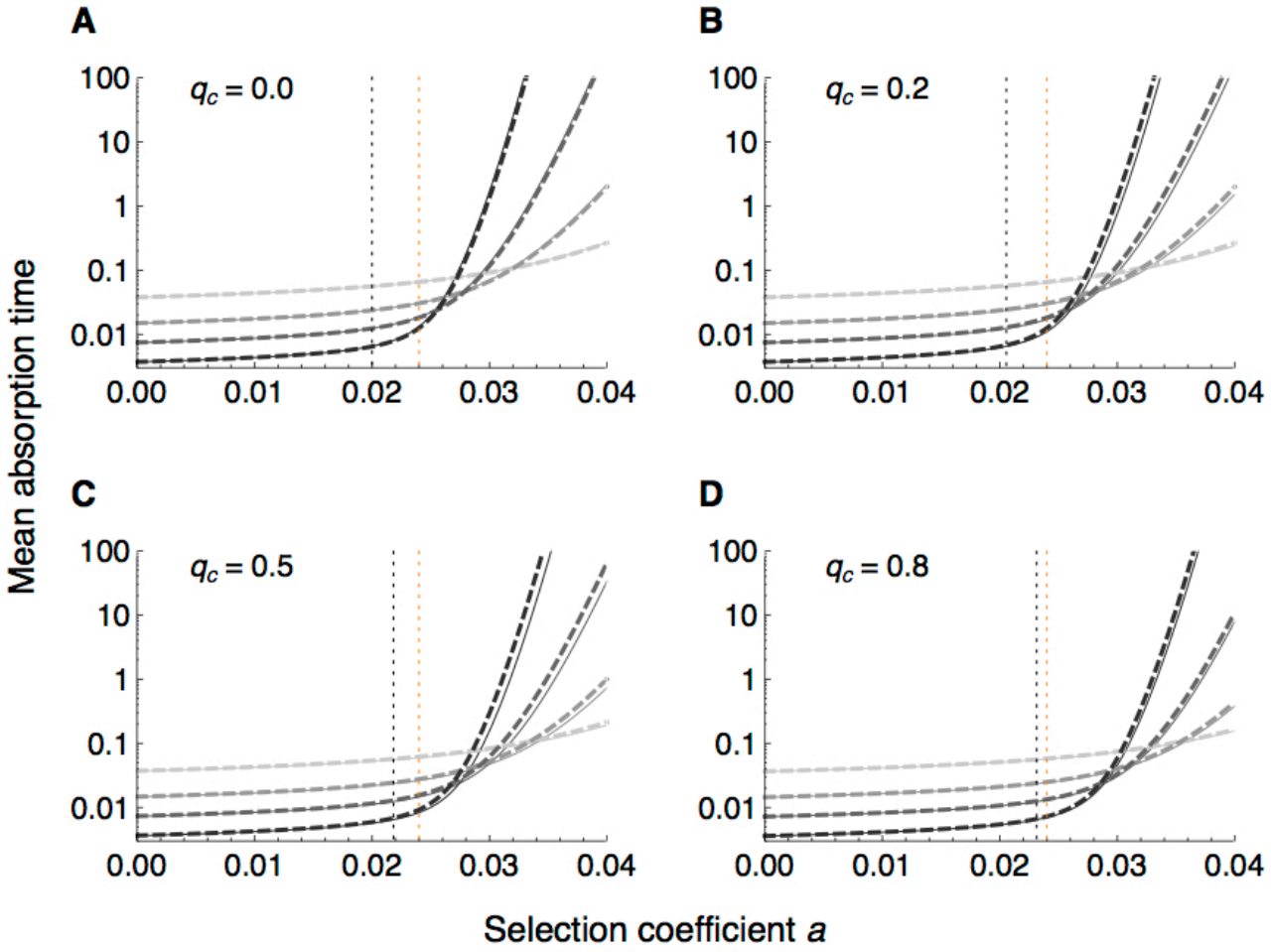

Figure S15 Mean absorption time of A_1 as a function of its selective advantage. Two approximations derived under the assumption of quasi-linkage eqilibrium (QLE) are compared. Solid curves show $\bar{t}_{\mathrm{QLE}}$ (Eq. 8) and thick dashed curves $\bar{t}_{\mathrm{QLE},\rho\gg 0}$ (Eq. 114 in File S1). The effective population size N_e increases from light to dark grey, taking values of 100, 250, 500, and 1000. The vertical dotted lines denote the critical values of a above which A_1 can invade in the deterministic one-locus (orange) and two-locus (black) model. (A) Monomorphic continent ($q_c = 0$). (B)–(D) Polymorphic continent with q_c equal to 0.2 in (B), 0.5 in (C) and 0.8 in (D). Other parameters are $b = 0.04$, $m = 0.024$, $r = 0.1$, and $p_0 = 1/(2N)$ (we assumed $N_e = N$). Time is in multiples of $2N_e$ generations and plotted on the log scale.