



Figure S16 Effect of the continental frequency q_c of B_1 on the mean absorption time of A_1 . Curves show the diffusion approximation \bar{t}_{QLE} (Eq. 8), derived under the assumption of quasi-linkage equilibrium. The continental frequency q_c of B_1 increases from light to dark grey, taking values of 0, 0.2, 0.5, and 0.8. (A) The mean absorption time is given in multiples of $2N_e$ generations as a function of the migration rate. Vertical dotted lines denote the critical values of m below which A_1 can invade in the respective deterministic two-locus model (grey) and, as a reference, in the one-locus model (orange). The selection coefficient in favour of A_1 is $a = 0.02$. (B) As in (A), but as a function of the selective advantage of allele A_1 . The migration rate is $m = 0.024$. In both panels, $b = 0.04$, $r = 0.1$, $N_e = 500$, and $p_0 = 1/(2N)$ (we assumed $N_e = N$).