Table S4 **The effect of assuming p_0 small in the diffusion approximation to the mean absorption time, given the assumption of ρ large in $M(p)$.**

		$N_e = 100$				$N_e = 10^3$				$N_e = 10^4$			
r	m	$q_c = 0$	$q_c = 0.2$	$q_c = 0.5$	$q_c = 0.8$	$q_c = 0$	$q_c = 0.2$	$q_c = 0.5$	$q_c = 0.8$	$q_c = 0$	$q_c = 0.2$	$q_c = 0.5$	$q_c = 0.8$
0.05	0.006	0.018	0.017	0.016	0.015	0.018	0.017	0.016	0.015	0.018	0.017	0.016	0.015
0.05	0.012	0.015	0.013	0.011	0.009	0.015	0.014	0.012	0.009	0.015	0.014	0.012	0.009
0.05	0.018	0.010	0.009	0.006	0.004	0.010	0.009	0.007	0.004	0.010	0.009	0.007	0.004
0.05	0.024	0.003	0.003	0.001	−0.002	0.004	0.004	0.001	−0.002	0.004	0.004	0.001	−0.002
0.10	0.006	0.016	0.016	0.015	0.014	0.016	0.016	0.015	0.014	0.016	0.016	0.015	0.014
0.10	0.012	0.011	0.010	0.009	0.008	0.011	0.011	0.010	0.009	0.011	0.011	0.010	0.009
0.10	0.018	0.006	0.005	0.004	0.003	0.006	0.005	0.004	0.003	0.006	0.005	0.004	0.003
0.10	0.024	0.000	0.000	−0.001	−0.003	0.000	0.000	−0.001	−0.003	0.000	0.000	−0.001	−0.003
0.20	0.006	0.015	0.015	0.014	0.014	0.015	0.015	0.015	0.014	0.015	0.015	0.015	0.014
0.20	0.012	0.009	0.009	0.009	0.008	0.010	0.009	0.009	0.008	0.010	0.009	0.009	0.008
0.20	0.018	0.004	0.003	0.003	0.002	0.004	0.004	0.003	0.002	0.004	0.004	0.003	0.002
0.20	0.024	−0.002	−0.002	−0.002	−0.003	−0.002	−0.002	−0.002	−0.003	−0.002	−0.002	−0.002	−0.003

The relative error $\tilde{\bar{t}}_{\mathrm{QLE},\rho\gg 0}/\bar{t}_{\mathrm{QLE},\rho\gg 0} - 1$ is tabulated. The initial frequency of the focal mutant A_1 is $p_0 = 1/(2N)$ (we assumed $N_e = N$). Other parameters are $a = 0.02$ and $b = 0.04$. For a graphical representation, see Figure S13C.