

Table S8 The error of $\tilde{t}_{\text{QLE},\rho \gg 0}$ relative to $\tilde{t}_{\text{QLE},\rho \gg 0}$ as in Table S4, but for $p_0 = 0.005$ fixed instead of $p_0 = 1/(2N)$.

r	m	$N_e = 10^4$													
		$N_e = 100$				$N_e = 10^3$				$N_e = 10^4$					
		$q_c = 0$	$q_c = 0.2$	$q_c = 0.5$	$q_c = 0.8$	$q_c = 0$	$q_c = 0.2$	$q_c = 0.5$	$q_c = 0.8$	$q_c = 0$	$q_c = 0.2$	$q_c = 0.5$	$q_c = 0.8$		
0.05	0.006	0.018	0.017	0.016	0.015	0.015	0.019	0.192	0.183	0.169	0.156	2.716	2.569	2.347	2.126
0.05	0.012	0.015	0.013	0.011	0.009	0.009	0.009	0.154	0.141	0.120	0.097	2.107	1.900	1.566	1.226
0.05	0.018	0.010	0.009	0.006	0.006	0.006	0.004	0.102	0.092	0.068	0.038	1.298	1.145	0.806	0.443
0.05	0.024	0.003	0.003	0.001	0.001	0.001	-0.002	0.035	0.035	0.013	-0.015	0.410	0.410	0.141	-0.120
0.10	0.006	0.016	0.016	0.015	0.015	0.015	0.014	0.169	0.164	0.158	0.151	2.342	2.271	2.162	2.053
0.10	0.012	0.011	0.010	0.009	0.009	0.009	0.008	0.118	0.111	0.101	0.090	1.531	1.435	1.277	1.113
0.10	0.018	0.006	0.005	0.004	0.004	0.004	0.003	0.060	0.055	0.042	0.028	0.709	0.642	0.491	0.323
0.10	0.024	0.000	0.000	-0.001	-0.001	-0.001	-0.003	-0.002	-0.002	-0.011	-0.024	-0.016	-0.016	-0.096	-0.183
0.20	0.006	0.015	0.015	0.014	0.014	0.014	0.014	0.158	0.155	0.152	0.149	2.160	2.124	2.071	2.016
0.20	0.012	0.009	0.009	0.009	0.008	0.008	0.008	0.100	0.097	0.091	0.086	1.260	1.214	1.138	1.057
0.20	0.018	0.004	0.003	0.003	0.003	0.003	0.002	0.038	0.036	0.030	0.023	0.447	0.416	0.346	0.266
0.20	0.024	-0.002	-0.002	-0.002	-0.002	-0.002	-0.003	-0.018	-0.018	-0.023	-0.029	-0.143	-0.143	-0.173	-0.211

The relative error is computed as $\tilde{t}_{\text{QLE},\rho \gg 0} / \tilde{t}_{\text{QLE},\rho \gg 0} - 1$. It quantifies the effect of assuming p_0 small, given the assumption of ρ large in $M(p)$ when deriving the diffusion approximation of the mean absorption time. Other parameters are $\alpha = 0.02$ and $b = 0.04$. For a graphical representation, see Figure S13F.