

Supporting information: Dynamics of adaptation in spatially heterogeneous metapopulations

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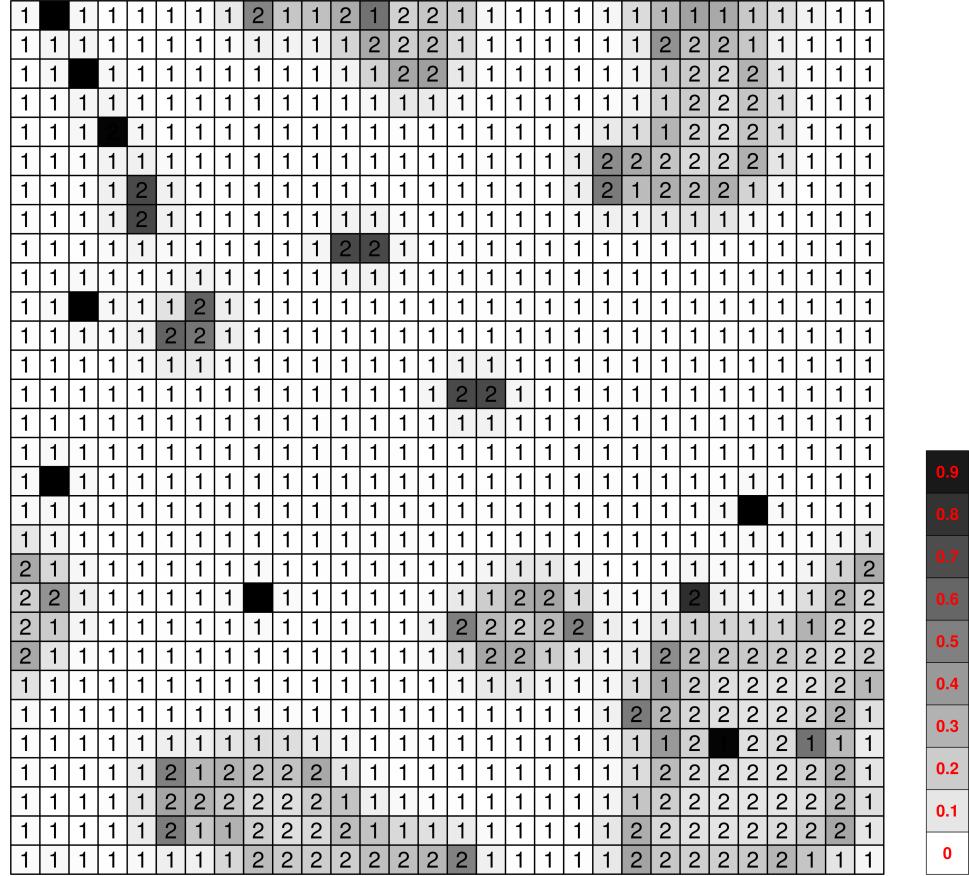


Figure S5. Level of local adaptation at the end of a simulation run. The grey scale indicates the mismatch between the mean phenotype ($\bar{x}_j(t)$) and the optimal phenotype ($\beta_{h(j)}$): $|\bar{x}_j(t) - \beta_{h(j)}|$. The more adapted the local population, the lighter the grey. Patches are marked by their habitat 1 or 2. In this case, specialisation was predicted according to the analytical branching criterion. Parameters are $m_s = 15\%$, $\delta/\sigma = 0.8$ ($\delta = -\beta_1 = \beta_2 = 0.8$ and $\sigma = 1$), $\pi = 0.16$ and $AI = 0.7$. The lattice environment was used.