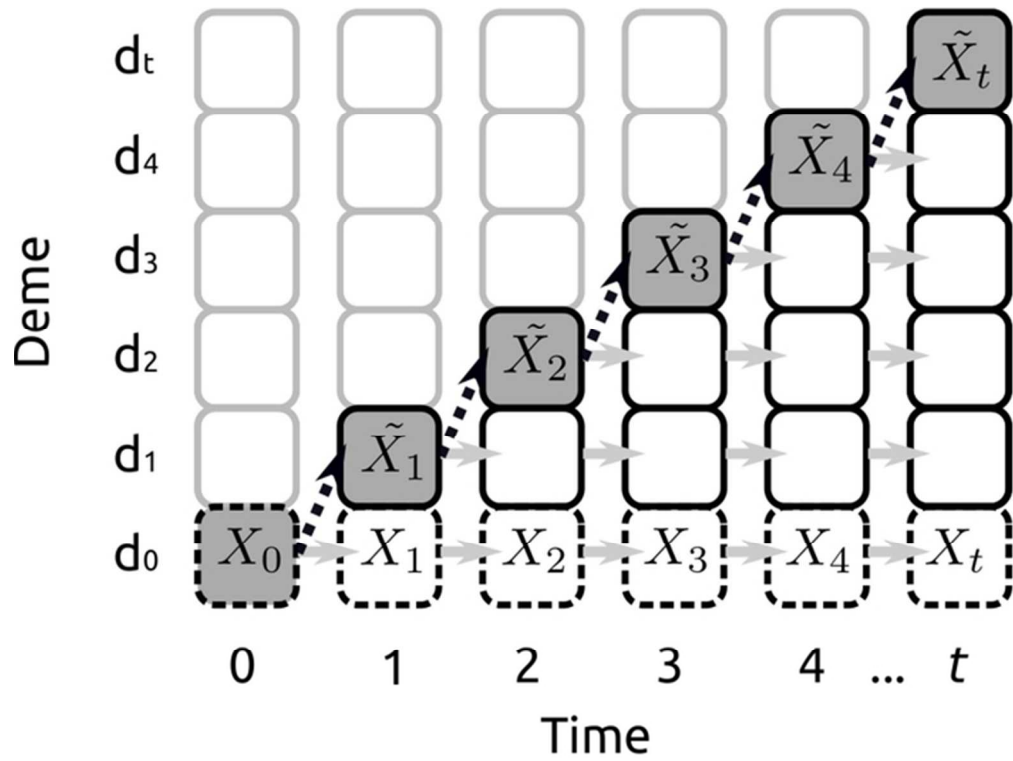


569 Supplementary Figure Legend

Supplementary Figure 1: **Robustness results** We tested the robustness of our analysis by adding variation to the sizes of the individual demes in a 1D-expansion. Deme sizes were drawn from Gamma distributions with mean 1 and variances 0.001, 0.1 and 1, respectively (top to bottom row). Each set of points corresponds to ψ estimated from simulations under a specific k_e value, k_e varies from 100 to 500 in increments of 100 (top to bottom/ blue to green). Grey dashed lines give the expectation from the branching process model assuming a constant population size.



59x44mm (300 x 300 DPI)