Supplementary figures for Schiffers, K. *et al.* Limited evolutionary rescue of locally adapted populations facing climate change.
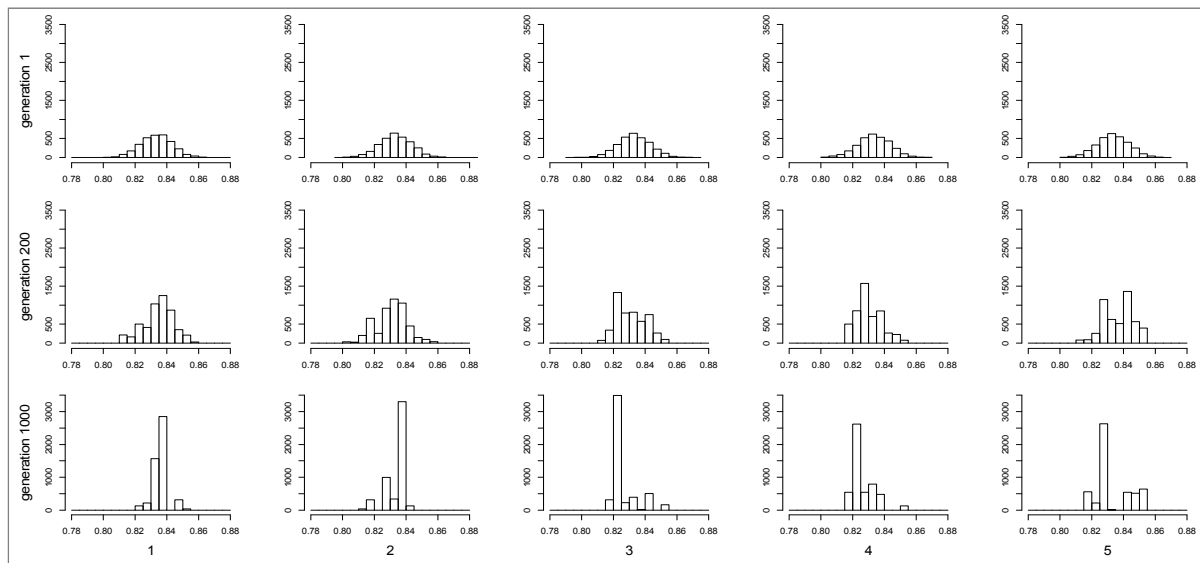

Figure S1: Allelic values of 5 representative climate loci at 3 points in time (top: generation 1, middle: generation 200 and bottom: generation 1000). For this simulation habitat was homogeneous and climate stable. Loci were fully linked.
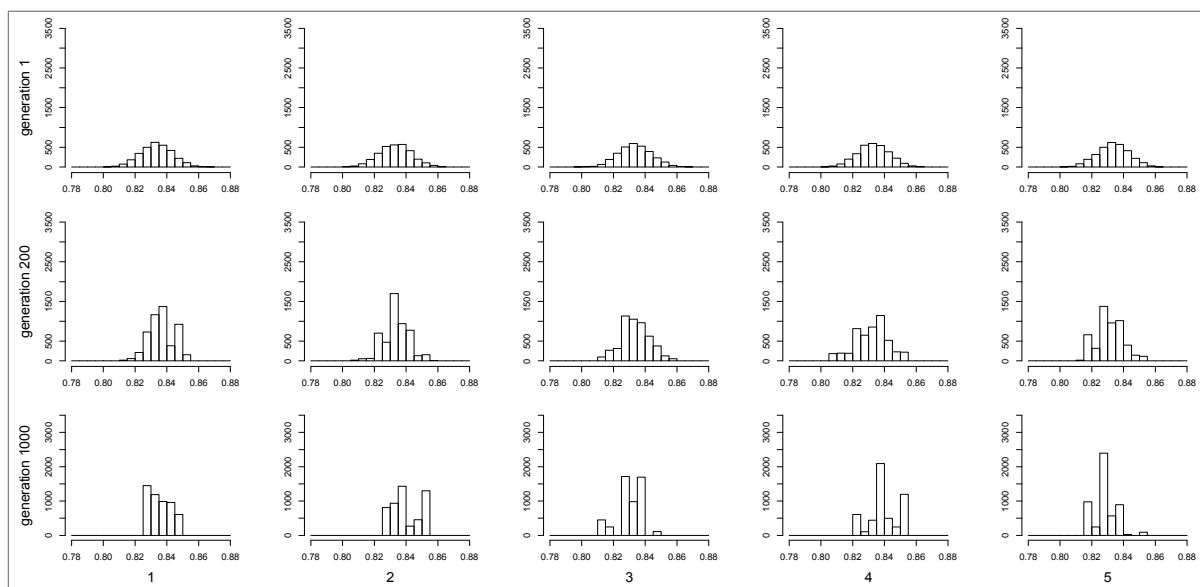

Figure S2: Allelic values of 5 representative climate loci at 3 points in time (top: generation 1, middle: generation 200 and bottom: generation 1000). For this simulation habitat was homogeneous and climate stable. Loci were not linked.
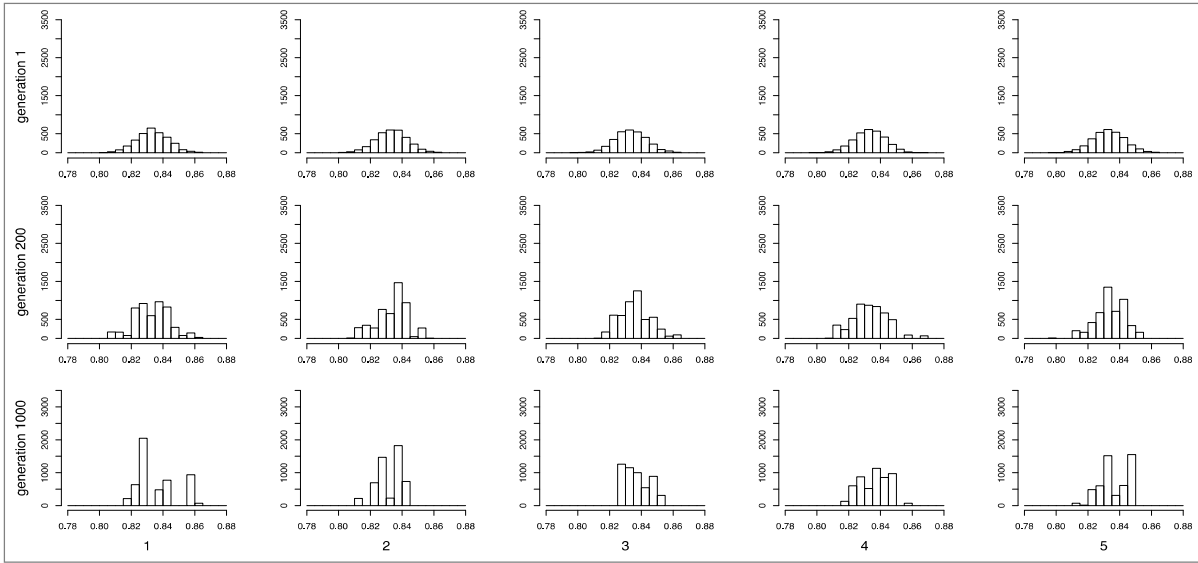
Figure S3: Allelic values of 5 representative climate loci at 3 points in time (top: generation 1, middle: generation 200 and bottom: generation 1000). Habitat heterogeneity was 2, the climate stable and loci fully linked.
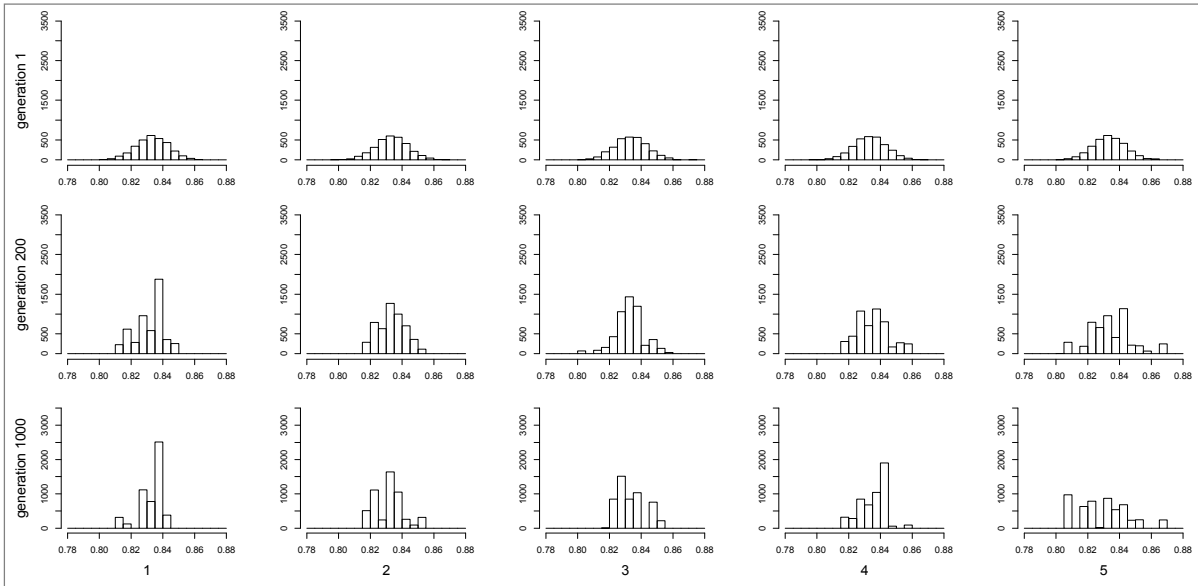

Figure S4: Allelic values of 5 representative climate loci at 3 points in time (top: generation 1, middle: generation 200 and bottom: generation 1000). Habitat heterogeneity was 2, the climate stable and loci fully linked.
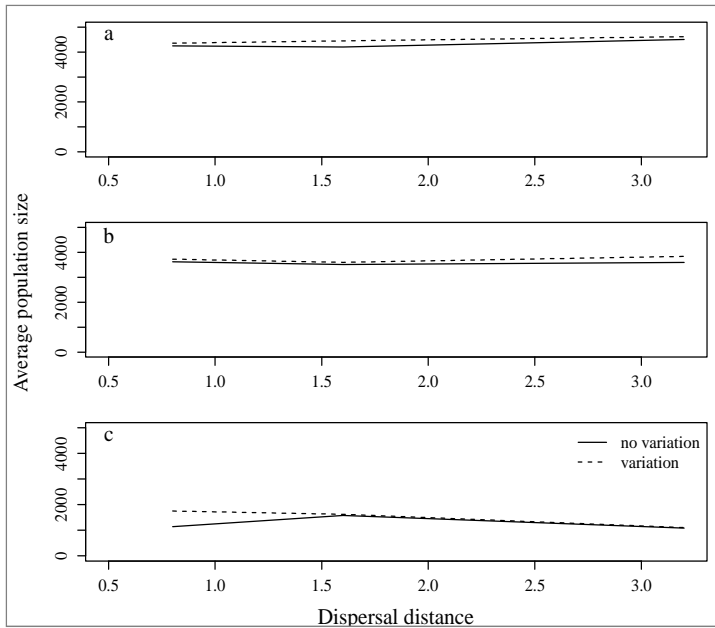
Figure S5: Average population size at the end of 500 simulation years for runs with the default value for the normally distributed initial genetic variance of 0.01 (dashed lines) and no variation (solid lines). Results are shown for a range of dispersal values and habitat heterogeneities of a) h_H = 1 b) h_H = 3 and c) h_H = 5.
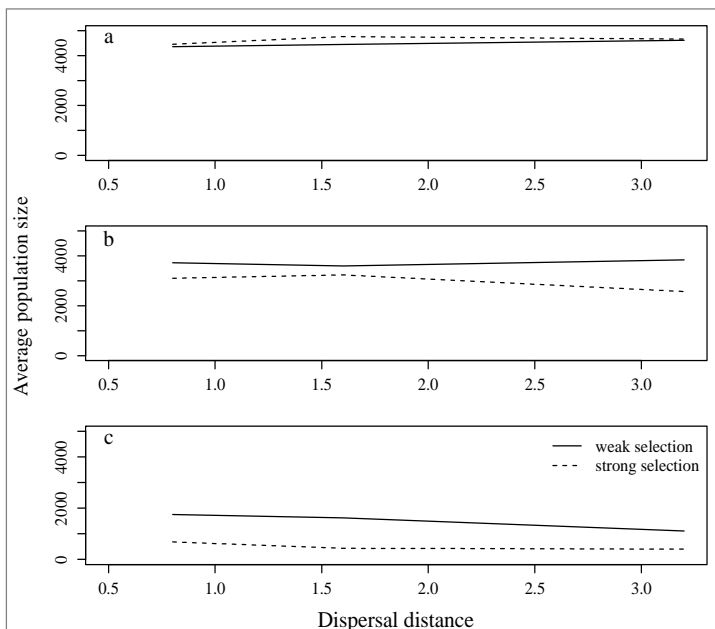

Figure S6: Average population size at the end of 500 simulation years for runs with the default value selection strength ω^2 =0.1 (dashed lines) and weaker selection ω^2 =0.2 (solid lines). Results are shown for a range of dispersal values and habitat heterogeneities of a) h_H = 1 b) h_H = 3 and c) h_H = 5.