

Ecography

**ECOG-03234**

Senner, N. R., Stager, M. and Cheviron, Z. A. 2017. Spatial and temporal heterogeneity in climate change limits species' dispersal capabilities and adaptive potential. – Ecography doi: [10.1111/ecog.03234](https://doi.org/10.1111/ecog.03234)

**Supplementary material**

## Appendix 1

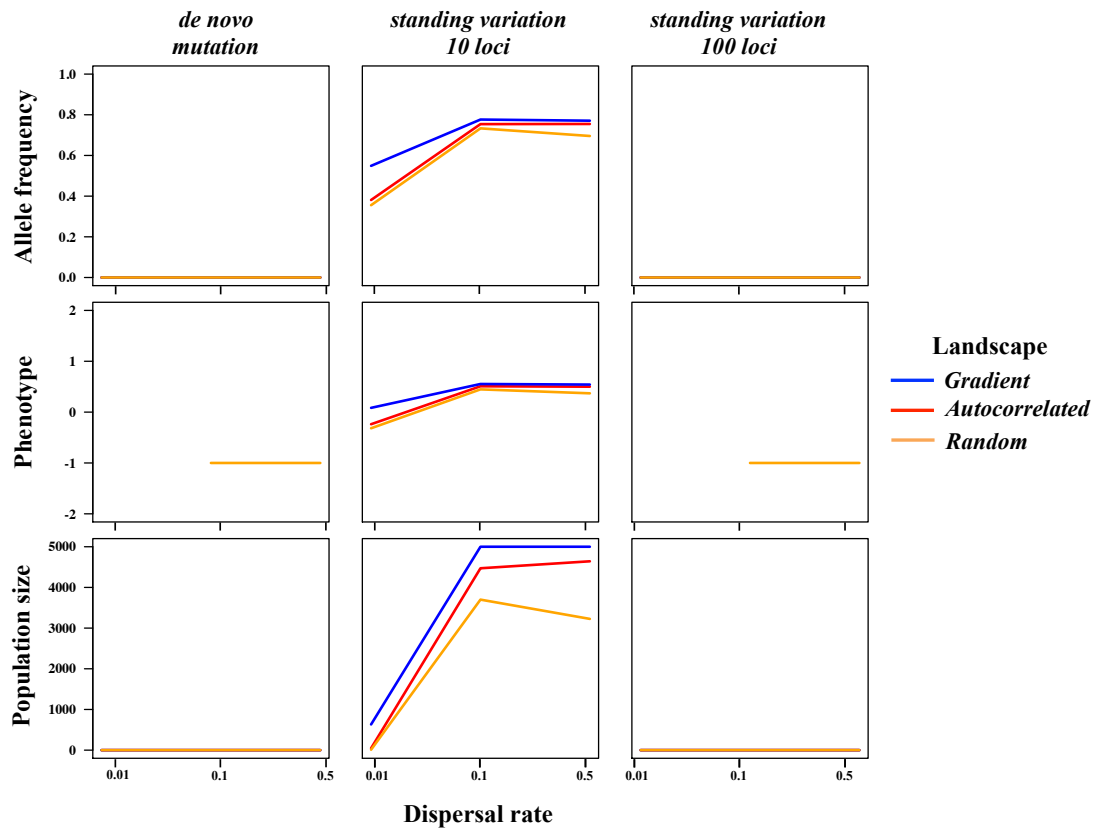
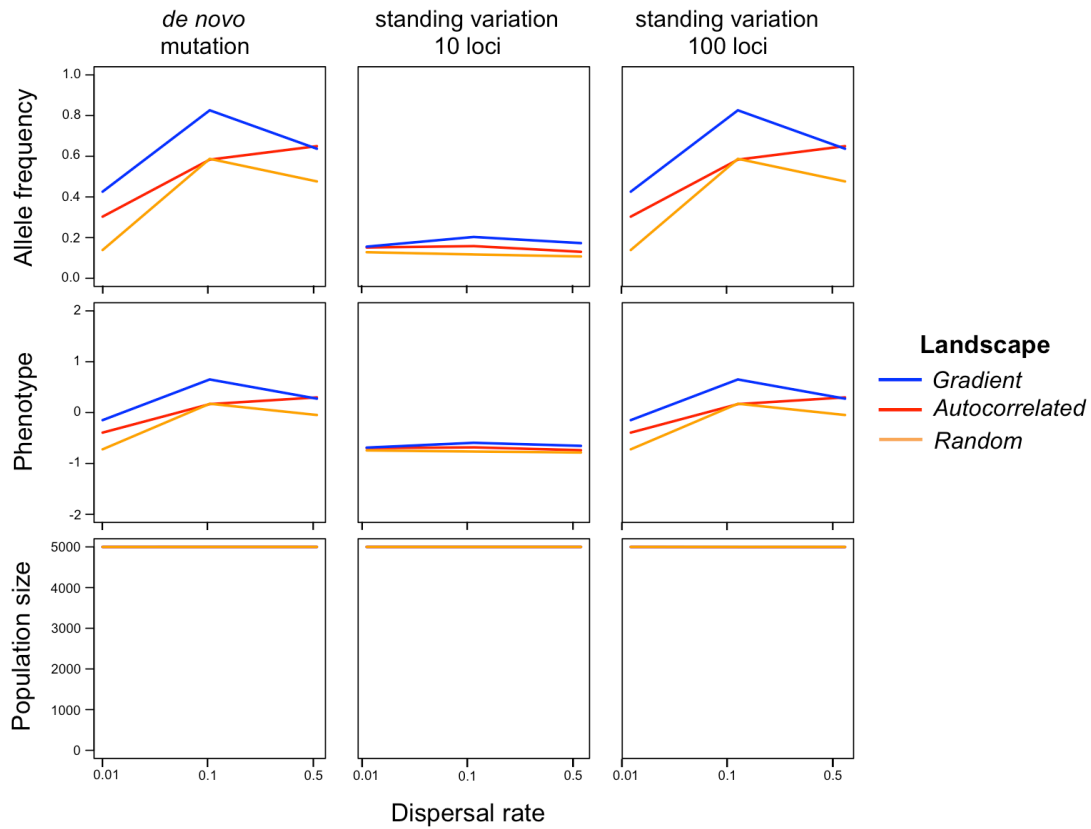


Figure A1. Model simulation results quantifying the allele frequency of beneficial alleles, mean phenotype, and total population size in asynchronous grid cells under a selection variance of 0.1. Models were run in program *Nemo2* on a 10 x 10 grid, with 50 cells corresponding to asynchronous climatic regimes and a carrying capacity of 100 individuals per grid cell.



S.I.

Figure A2. Model simulation results quantifying the allele frequency of beneficial alleles, mean phenotype, and total population size in asynchronous grid cells under a selection variance of 5. Models were run in program *Nemo2* on a 10 x 10 grid, with 50 cells corresponding to asynchronous climatic regimes and a carrying capacity of 100 individuals per grid cell.