### Bowler, C. H., L. G. Shoemaker, C. Weiss-Lehman, I. R. Towers, M. M Mayfield. 2021. Positive effects of exotic species dampened by neighbourhood heterogeneity. *Ecology.*

### Data S2

### Code for making figures used within the manuscript and supplementary information

### Author(s) [of the material provided in DataS1.zip]

Catherine Bowler  
School of Biological Sciences, University of Queensland

Brisbane, QLD, 4072, Australia  
[catherine.bowler@uq.net.au](mailto:catherine.bowler@uq.net.au)

Lauren Shoemaker

Botany Department, University of Wyoming

Laramie, WY, 82071, USA

[lshoema1@uwyo.edu](mailto:lshoema1@uwyo.edu)

Christopher Weiss-Lehman

Botany Department, University of Wyoming

Laramie, WY, 82071, USA

[cweissle@uwyo.edu](mailto:cweissle@uwyo.edu)

### File list (files found within DataS2.zip)

Make\_data\_for\_figures.R

Figures.R

corr.coefs\_TWL.R

corr.coefs.R

Plot.level.effects.R

**Description**

Make\_data\_for\_figures.R – manipulates the Bayesian model output data to calculate net neighbourhood effect and compile output data for making figures

Figures.R – code for the figures in the main text using base R graphics

corr.coefs\_TWL.R – calculates the correlation coefficients between net neighbourhood effect and intrinsic fecundity, authored by C. Weiss-Lehman

corr.coefs.R – makes the figure for correlation between net neighbourhood effect and intrinsic fecundity, authored by C. Weiss-Lehman using base R graphics. Also makes figure for Appendix S1 Figure S4

Plot.level.effects.R – makes figures for Appendix S1 Figures S2 and S3