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Corresponding R scripts and data can be found at <https://github.com/erwhite1/BodiePikaMetapop>

Appendix S5 The role of mainland patches

Large patches in the northern half of the study area may serve as “mainlands” in a mainland-island system. To test this hypothesis, we reran our models with and without mainland patches. In the without mainland patches scenario, we simply set the three large northern patches (patch numbers 44, 64, and 65) to be average size patches. We then made a number of population dynamics measurements for the two scenarios (Fig. S1).

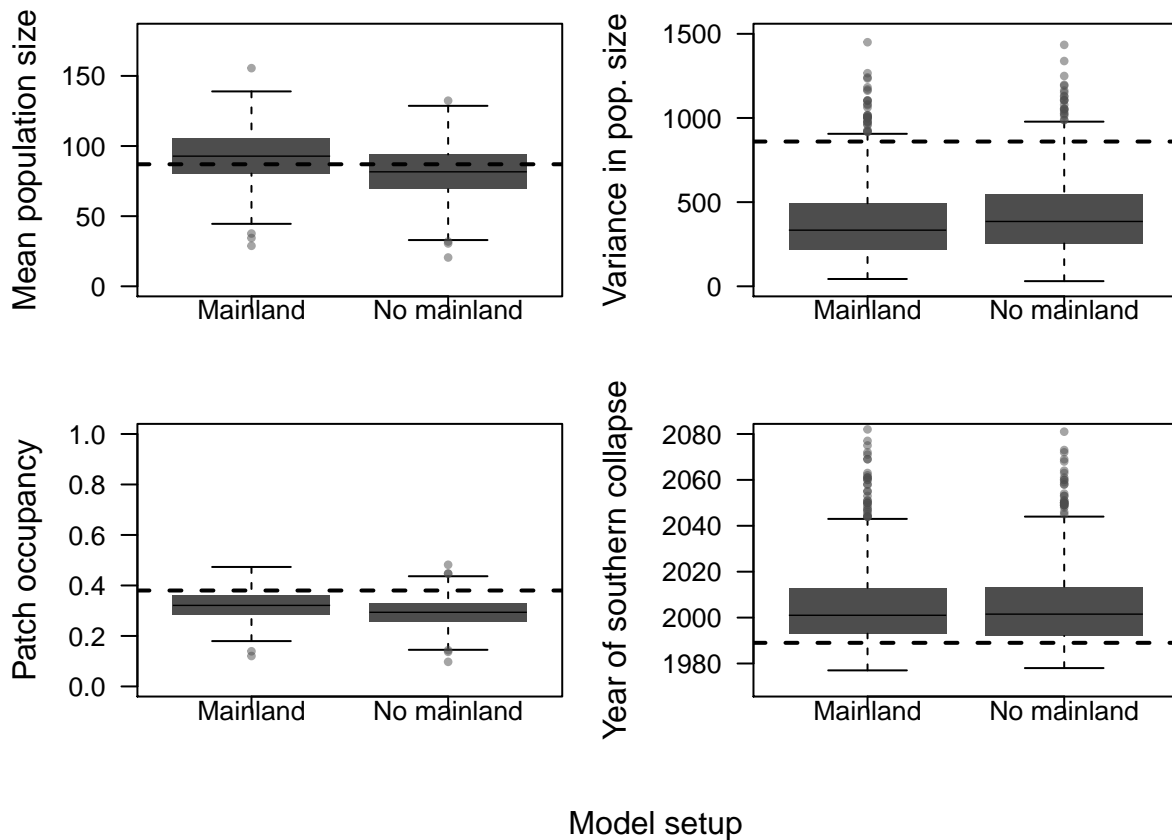


Figure S1: Measurements of model outputs where “mainland patches” were included or not included (assumed to be the size of an average patch) in simulations. The horizontal dashed lines represent measurements from field data.