**GENERAL INFORMATION**

**Title of Dataset:** Data from: Studying biodiversity-ecosystem function relationships in experimental microcosms among islands

**A)** The raw data and corresponding information about location, habitat type and area (Marchant et al. 1990, Freeman et al. 2007). The raw data should be cited as Marchant et al. (1990) and Freeman et al. (2007).

**B)** Climate Variable selection, referred to as Data S1 in the manuscript.

**References:**

Freeman, S. N., D. G. Noble, S. E. Newson, and S. R. Baillie. 2007. Modelling population changes using data from different surveys: the Common Birds Census and the Breeding Bird Survey. Bird Study 54:61-72.

Marchant, J., R. Hudson, S. P. Carter, and P. Whittington. 1990. Population trends in British breeding birds. British Trust for Ornithology, Tring, Hertfordshire, UK

**DATA & FILE OVERVIEW**

**1. File List:**

Data.csv, Info.csv, Data\_S1.xlsx

**DATA-SPECIFIC INFORMATION FOR: “Data.csv”**

This file contains the bird count data entering the analysis performed in the main article. The first two rows contain the plot ID and year of sampling, and the remaining 60 rows are the counts for the different species. See the main article, references herein and the supporting information for details and for information about the analysis performed.

**DATA-SPECIFIC INFORMATION FOR: “Info.csv”**

This file contains for each site the plot ID, habitat type (“W” or “F” ; i.e. woodland and farmland), the size of the plot (area) and coordinates in Latitude/Longitude.

**DATA-SPECIFIC INFORMATION FOR: “Data\_S1.xlsx”**

This file contains the table of the 3 best ranking models for each species from the climate variable selection. The best model for each species is indicated in bold and is based on the AIC and deltaic values of the model. The second sheet in this file contains the table caption with further information. Climate variables are available online from MetOffice, see details in the main article and references therein.