This R script is designed to load and store data from multiple Excel files into a 3D array. The script can be adapted to handle various types of data by configuring the array dimensions and file paths appropriately. In our case, the data corresponds to wing two-dimensional landmark data for three different species, *Culicoides oxystoma*, *C. peregrinus,* and *C.innoxius*. The landmark data for *C. oxystoma* are stored in the array oq, the landmark data for *C. peregrinus* are stored in the array pq and The landmark data for *C.innoxius* are stored in the array iq Before running this script, ensure you have the “ readxl” package for reading Excel files. Modify the num\_rows, num\_cols, and num\_files variables to match the structure of your data. Update the file path to match the location of your Excel files. The “load\_data\_to\_array” function reads data from each Excel file and stores it in the 3D array.

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