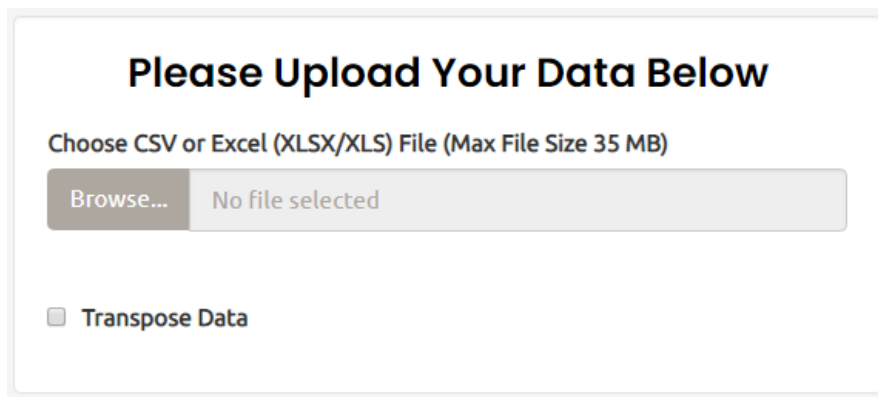# CORRESPONDENCE ANALYSIS

Correspondence analysis (CA) is a data science tool for summarizing tables. CA is often used where the data (in the form of a two-way contingency table) have many rows and/or columns and are not easy to interpret by visual inspection. The map obtained by CA helps reveal relationships within the table.

ANALYZING DATA USING CORRESPONDENCE ANALYSIS

STEP 1: Uploading Your Data

1. On the upload panel, click Browse and select the data you want to upload. The app will automatically show you the data in "10 Top Data" section. You can also transpose your data by checking "Transpose Data".
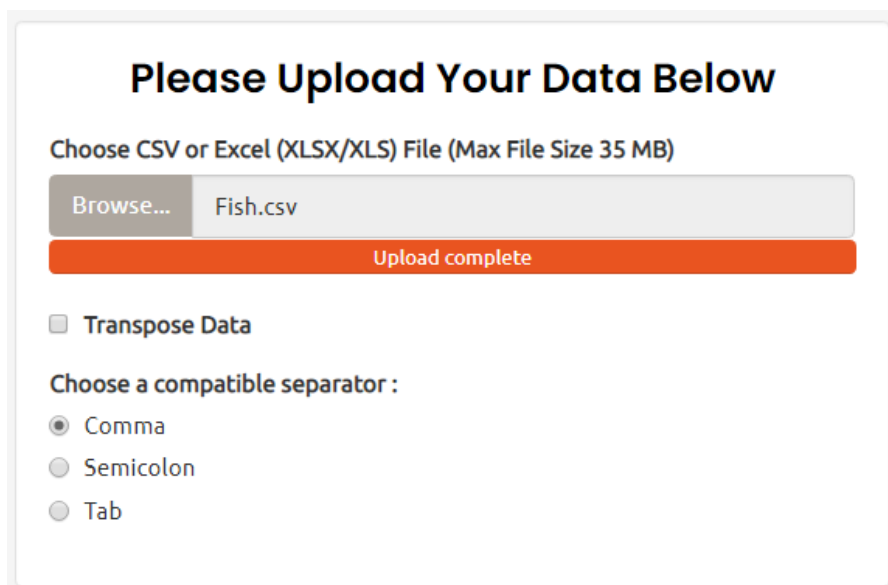

Note : If you select the data with **csv** format, you need to choose one of the three separators that are available in a selection. Make sure the separator is compatible with the data.
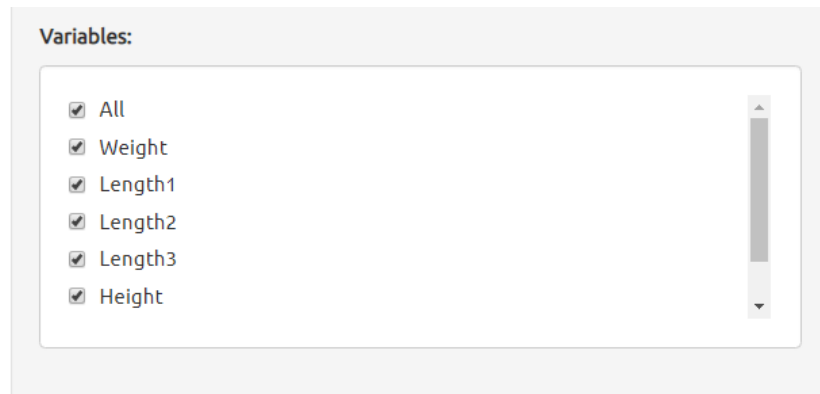
STEP 2: Selecting Variables

1. Select the categorical variable. The variable can be numeric, characters or string.

Categorical variable

Species ▼

2. After selecting categorical variables, you need to select the variables that you want to analyze by checking them in "Variables:" selection.
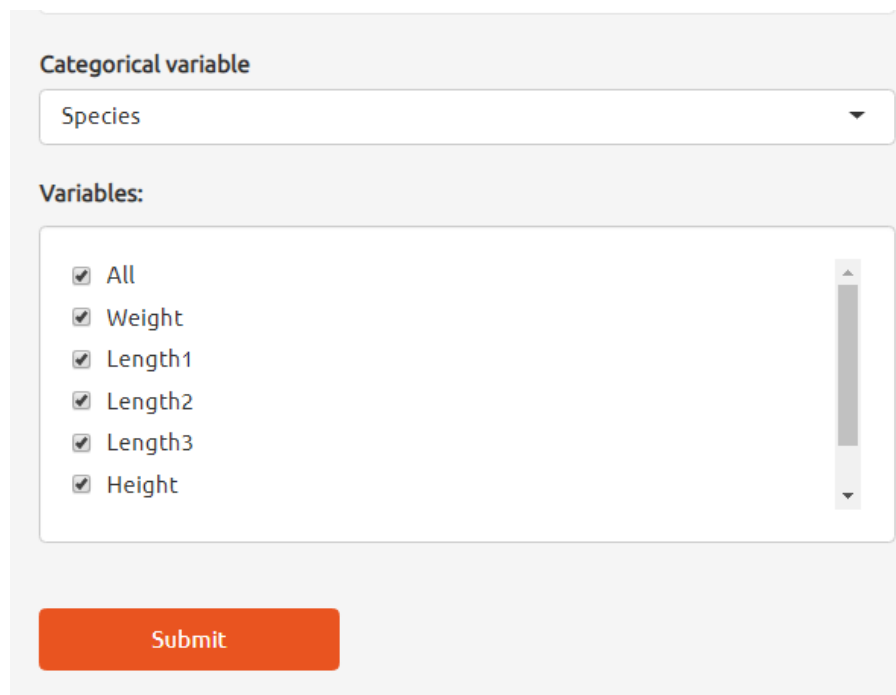
Variables:

☑ All
☑ Weight
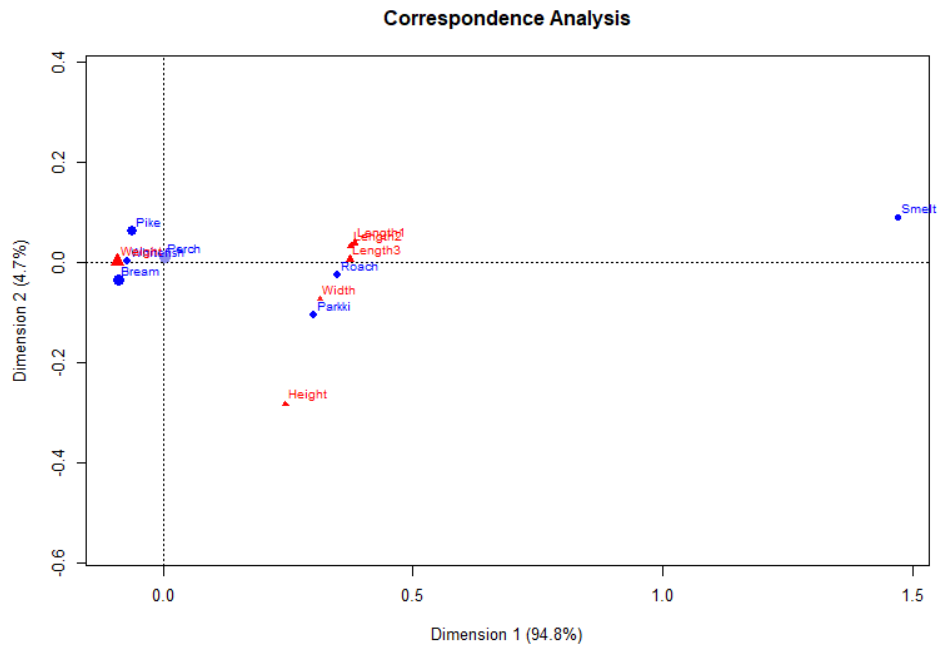☑ Length1
☑ Length2
☑ Length3
☑ Height

Note : The minimum number of variables that need to be selected is 3.

STEP 3: Submitting Your Selections

1. After selecting the variables, the submit button will be active and you can click it to show the results in "Graphics Result" section.

Categorical variable

Species ▼

Variables:

☑ All
☑ Weight
☑ Length1
☑ Length2
☑ Length3
☑ Height

Submit

Correspondence Analysis

STEP 4: Downloading Results

1. The "Download Results" button will appear after the graphic result are shown. Click it to export the result to your device in PDF format.