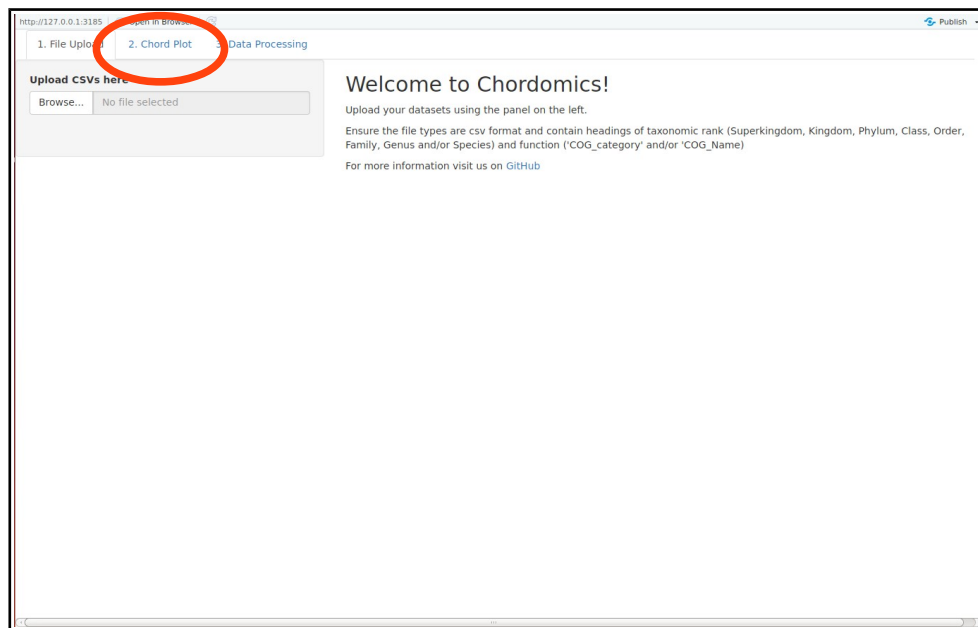


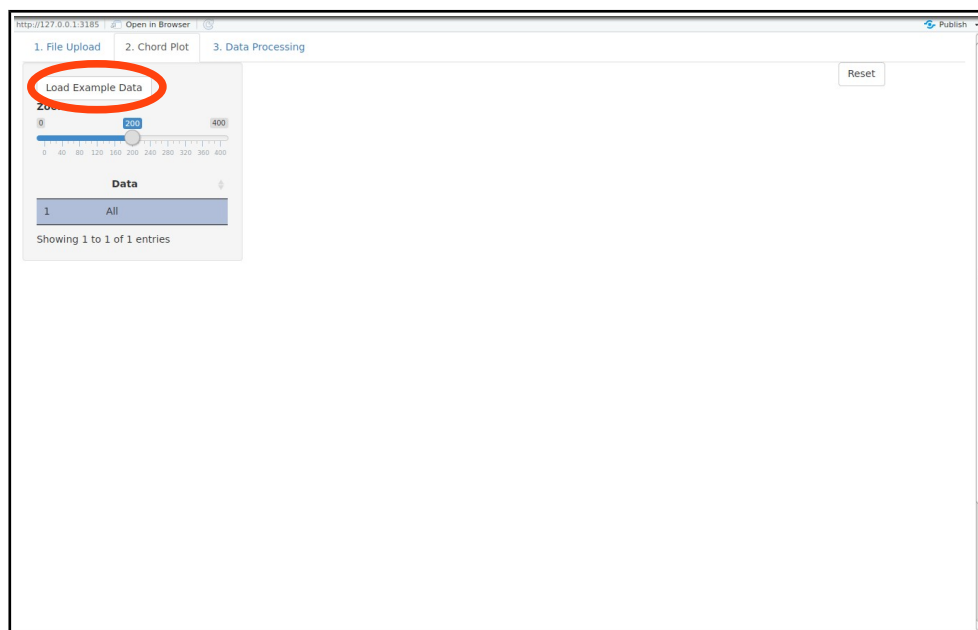
Exploring Data with Chordomics

Chordomics provides a sample dataset so you can explore the functionality of the software.

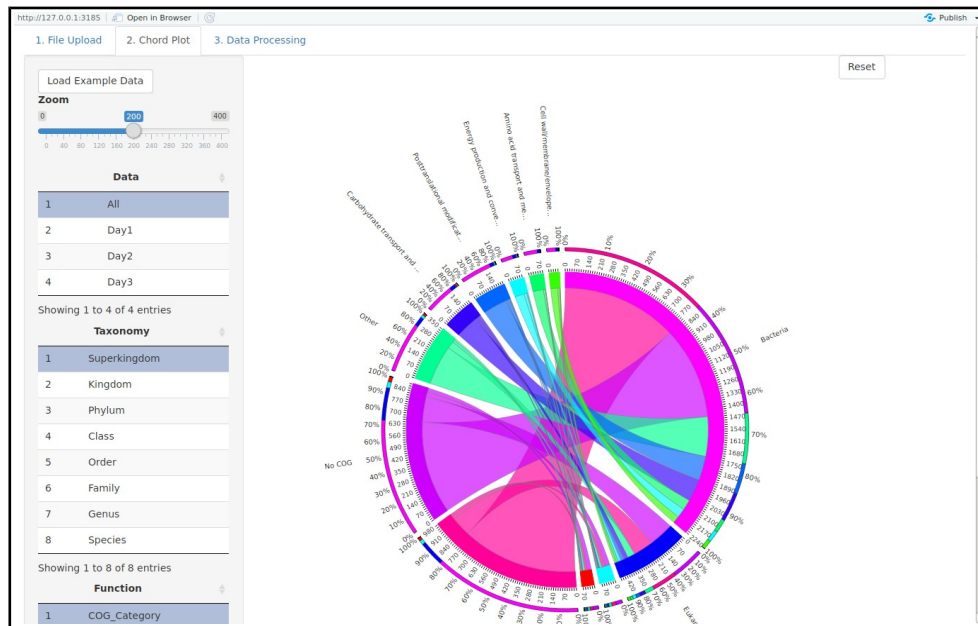
Select the “Chord Plot” tab.



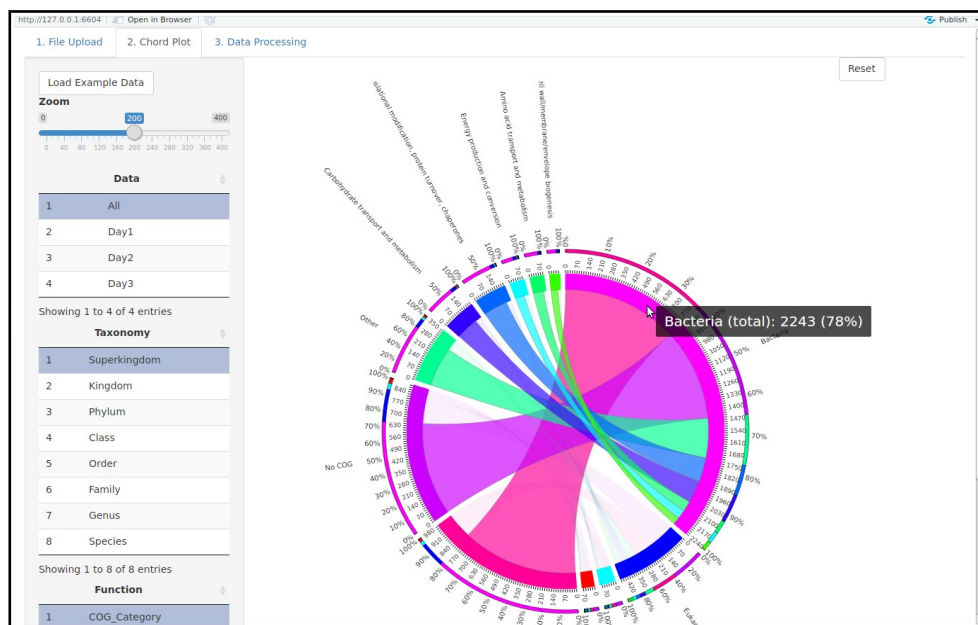
Press the “Load Example Data” button



This loads in the sample dataset which you can use to explore the software's capabilities.

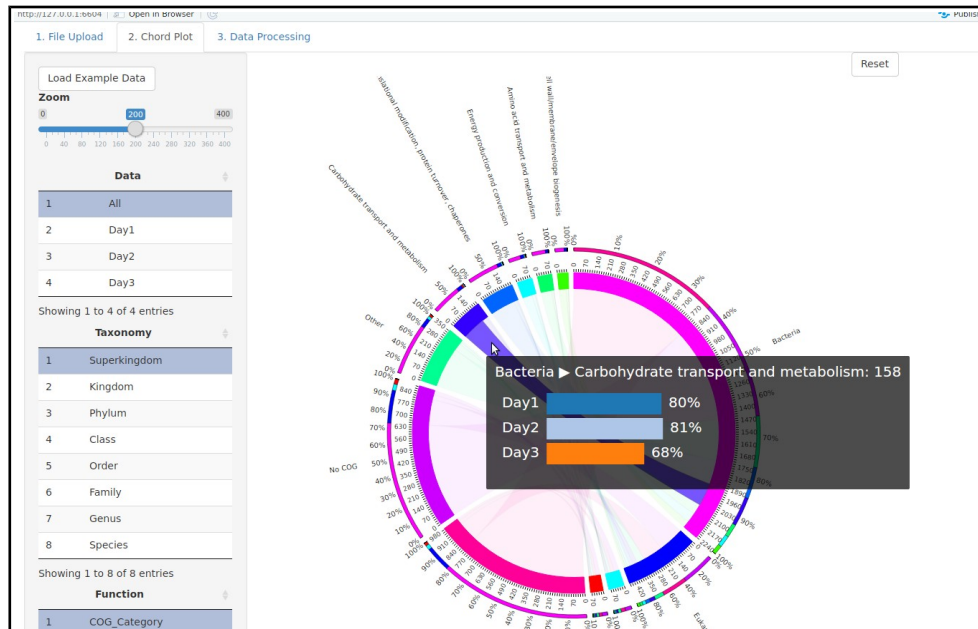


Hovering the mouse over a group arc highlights all the chords associated with it. A pop-up shows the quantity of the group as well as its percentage of all the data currently shown.

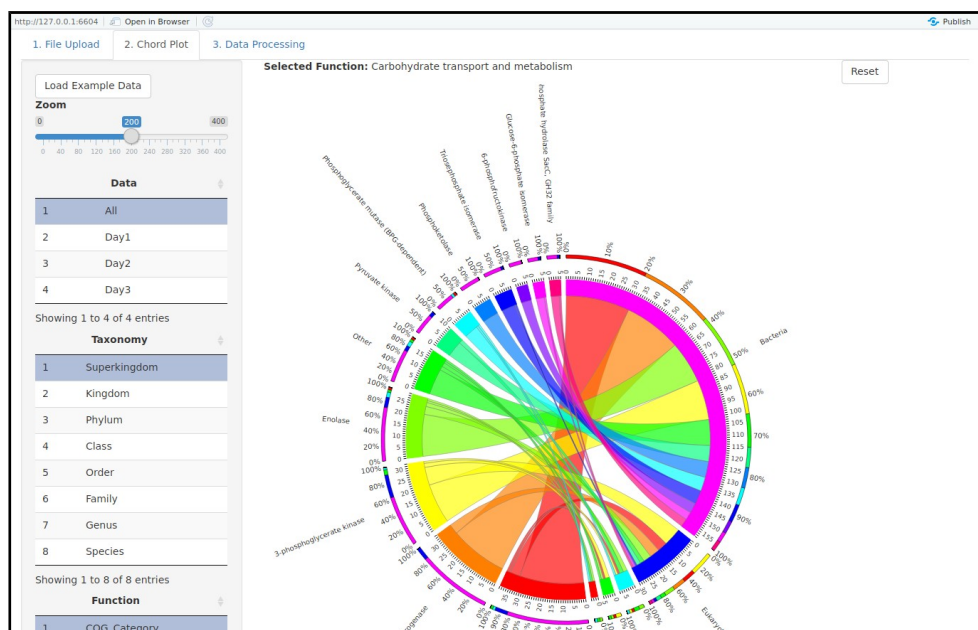


Hovering over a chord allows the user to compare the percentage of the selected function expressed by the selected taxon across each dataset.

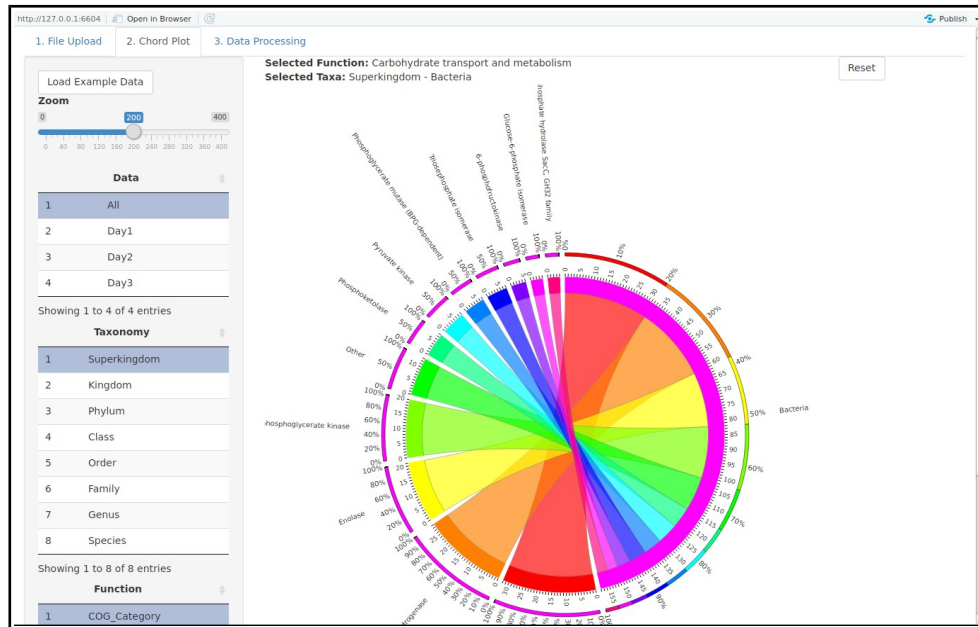
e.g. In the example below, in Day 1 80% of the Carbohydrate transport and metabolism is expressed by bacteria whereas this has decreased to 68% by Day 3.



Selecting a function by clicking on its group arc filters out all data except that function. If a lower level of functional resolution is available this will be shown. i.e. COG Category → COG Name



Similarly clicking on a taxonomic group arc filters out all others except that group. The level of resolution (Rank) can then be selected from the table on the left panel.



Here Class is selected. Therefore the plot shows all bacteria at the class level that are involved in each of the Carbohydrate transport and metabolism sub groups.

