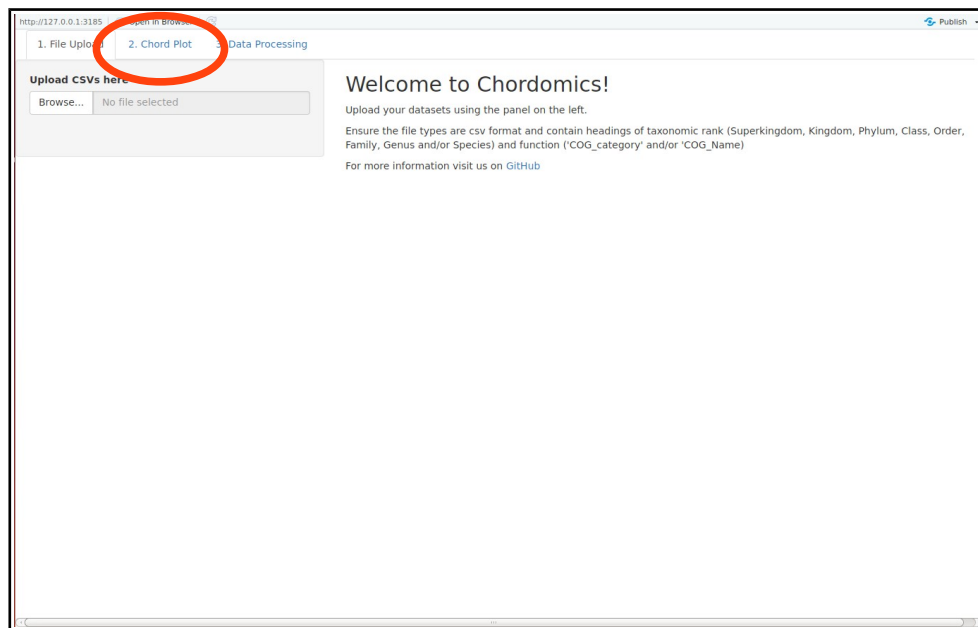


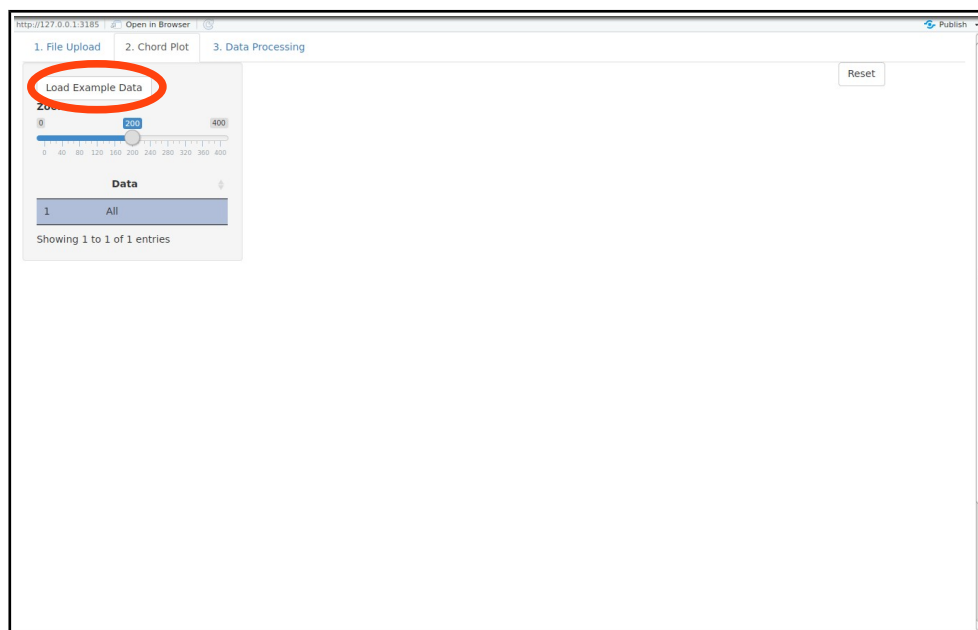
Exploring Data with Chordomics

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

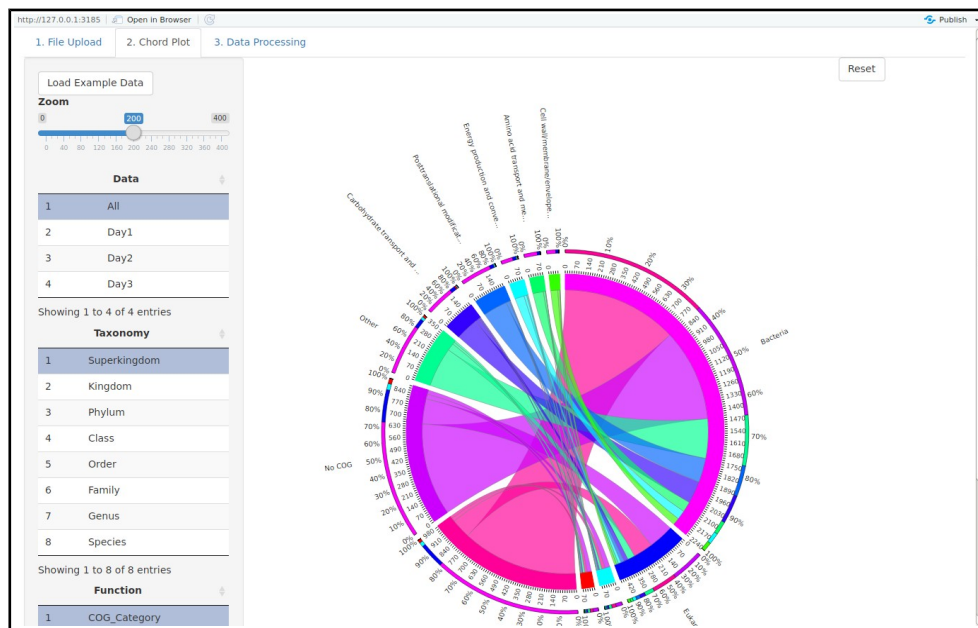
Select the “Chord Plot” tab.



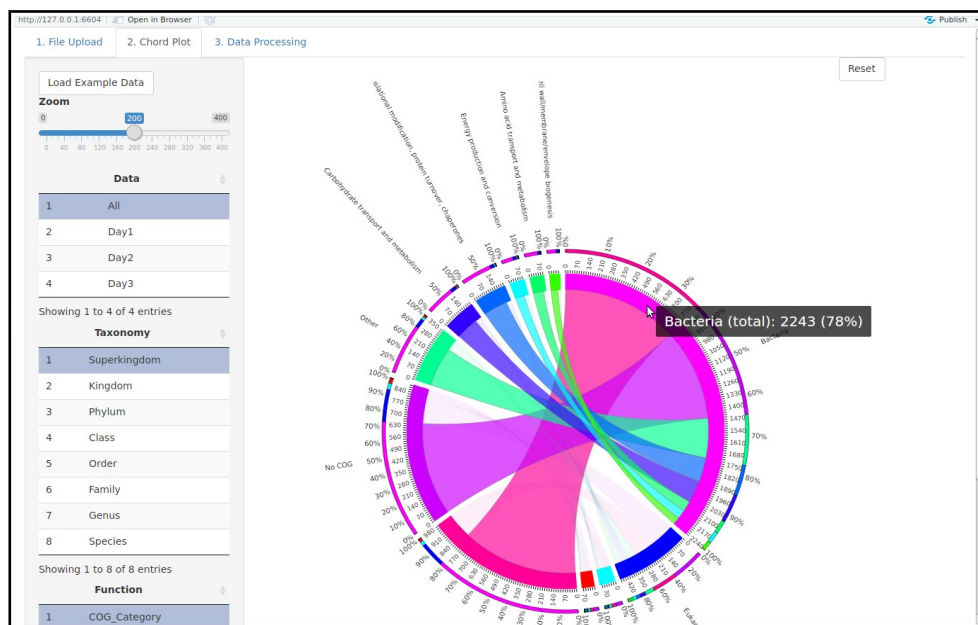
Press the “Load Example Data” button



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



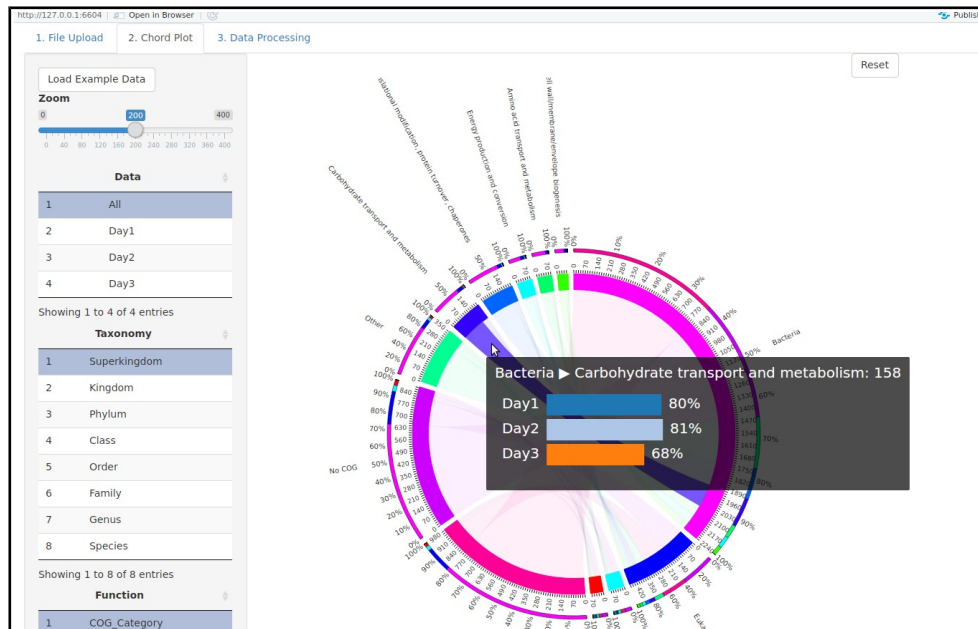
Hovering the mouse over a group arc highlights all the chords associated with it. A pop-up shows the quantity of the group as well as its percentage of all the data currently shown.



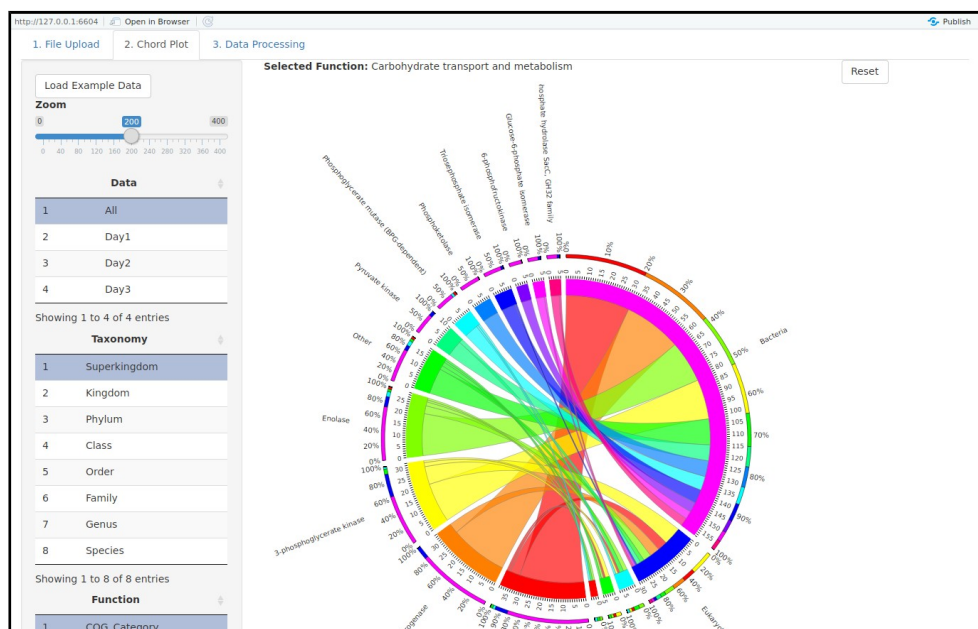
Now highlight a chord by hovering over it.

Hovering over a chord highlights it as well as comparing 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.



Clicking on a function 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



[http://t27.0.0.1:5604](#) Open in Browser

1. File Upload 2. Chord Plot 3. Data Processing

Selected Function: Carbohydrate transport and metabolism
Selected Taxa: Superkingdom - Bacteria

Reset

Load Example Data

Zoom: 0 200 400

Data

1	All
2	Day1
3	Day2
4	Day3

Showing 1 to 4 of 4 entries

Taxonomy

1	Superkingdom
2	Kingdom
3	Phylum
4	Class
5	Order
6	Family
7	Genus
8	Species

Showing 1 to 8 of 8 entries

Function

1	COG_Category
---	--------------

http://127.0.0.1:6804/ Open in Browser

1. File Upload 2. Chord Plot 3. Data Processing

Load Example Data

Zoom 0 400

Data

1	All
2	Day1
3	Day2
4	Day3

Showing 1 to 4 of 4 entries

Taxonomy

1	Superkingdom
2	Kingdom
3	Phylum
4	Class
5	Order
6	Family
7	Genus
8	Species

Showing 1 to 8 of 8 entries

Function

1	COG_Category
---	--------------

Selected Function: Carbohydrate transport and metabolism
Selected Taxa: Superkingdom - Bacteria

Reset