

MOViz_chart.py

Aim

MOViz_chart.py is a python3 script that is designed to represent the final probability distribution of each state present in the probtraj_table.csv file generated by FormatMaBoSS.pl. The output is a pie chart.

How to run the script

The user should be in the same directory in which he or she ran FormatMaBoSS.pl. MOViz_chart.py can be run using the following command line:

```
python3 MOViz_chart.py folder_name
```

A help command line is also available:

```
python3 MOViz_chart.py help
```

The following libraries need to be installed:

```
pandas
matplotlib.pyplot
sys
matplotlib
xlsxwriter
numpy
seaborn
matplotlib.patches
matplotlib.gridspec
```

Outputs

The figure will both be displayed and saved. Only the states present with a final probability higher than 0.1 will have their name on the chart. All the state names are displayed as legend with the associated color.