Flatmap Alignment:

Generating missing and rendered nodes and edges of flatmaps (rat, female, male) using NPO

Instructions:

1. Clone repo and store into a new folder

git clone --recursive [git@github.com:napakalas/flatmap-maker.git](mailto:git@github.com:napakalas/flatmap-maker.git) flatmap-alignment

1. Enter the containing folder

cd flatmap-alignment

1. Checkout to npo-compare branch

git checkout npo-compare

1. Install package

poetry install

1. Run script to generate flatmap, log, and csv files:

./run\_alignment.sh

Results and sources:

All resources are stored in alignment folder

1. run\_alignment.sh : is the main script to run the code.
2. alignment/align.py : is a python code to generate csv files.
3. alignment/logs : is a folder to store all generated logs.
4. alignment/csv: is a folder to store csv files containing missing and rendered nodes and edges.
5. alignment/flatmaps: is a folder to store the sources of rat and human flatmap.