This software run with Python 3.11.1.

To launch a simulation type:

python3 EACTB.py num_run

where num_run is a label for a run such as a number.

For example, if you want to run 500 simulations see the following bash script:

```
#!/bin/bash

for i in {1..500}

do

  python3 EACTB.py $i

done
```

The program creates three output files:

1. 1 file containing list of remaining arguments per epoch
2. 1 file containing opinion distribution of agents per epoch (array lenght 100 from 0 -> 1 with steps of 0.01)
3. 1 file containing results of each run called totale_run.txt

1 and 2 file will have the number of the run.

For example:

python3 EACTB.py **6**

will have:

A_args_through_epochs_scenario1_20agenti_run_**6**_S8_epoch_2722_.txt

A_epoche_scenario1_20agenti_run_**6**_S8_epoch_2722_ txt

Totale_run.txt will contain the following row:

6 PERFECT CONSENSUS REACHED epoch number 2721 Remaining arguments [21, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 36, 38, 40] AVG Opinion 0.0 Topic Opinion 0.0

Which means:

# run	Result	End epoch	Remaining arguments	AVG opinion	Topic Opinion
6	PERFECT CONSENSUS REACHED	2721	[21, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 36, 38, 40]	0.0	0.0