Test done 2025_06_26 at 10_44_25

Number of simulation done : 5. The window time of the simulation is 10

Initial condition Size: 100 I_Energy: 120 I_Age: 100 I_Maturity: 20

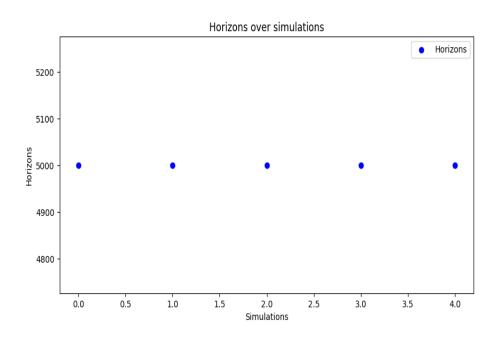
I_Distr : Behaviors Corners

Radius: 6
Active: 100
C_Min: 15
C_Max: 150
C_Regen: 5
C_Distr: Uniform
Height: 60
Width: 60
P_Distr: Uniform

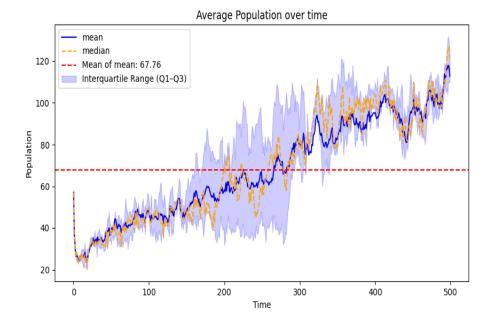
Move: 1 Eat: 2 Rest: 0 Reproduce: 5

N_Simulations : 5 Seed : 100

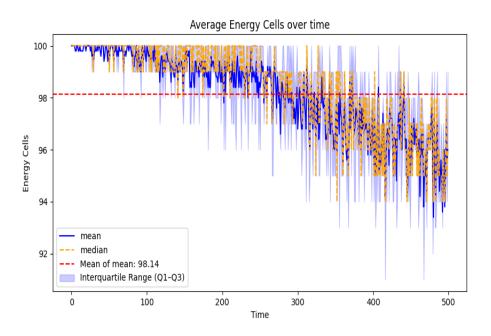
Energy Needed: 0.6 Extra Energy: 0.2 Energy Requeste: 0.5 Mutation Rate: 0.1



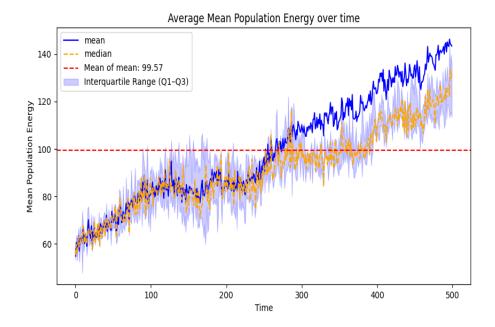
Mean : 5001.0 Variance : 0.0



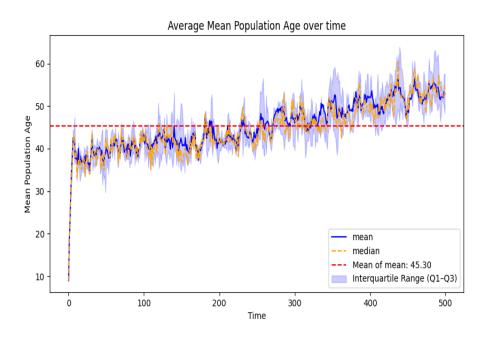
Mean: 67.7596 Variance: 539.839087839999



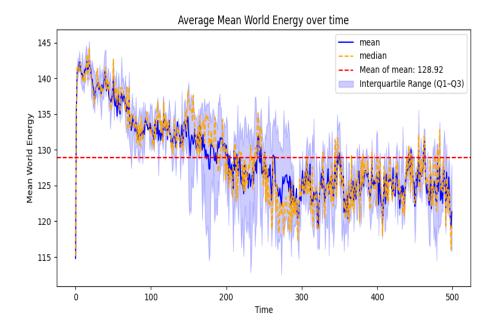
Mean : 98.1432 Variance : 2.3646137599999992



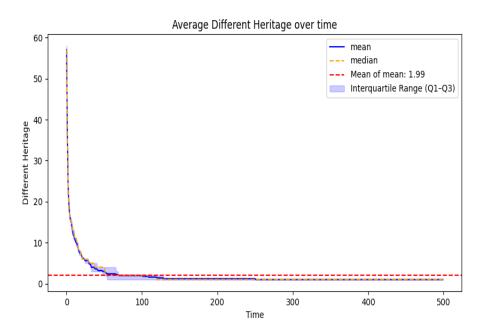
Mean: 99.56658386592375 Variance: 542.4969080862604



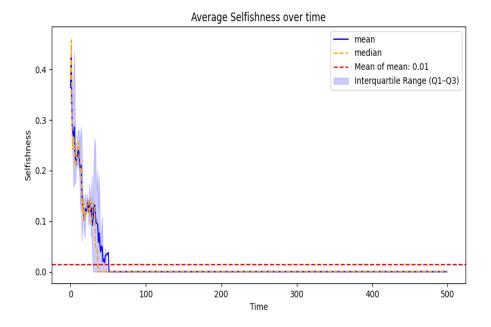
Mean: 45.29527335113198 Variance: 31.020879041616894



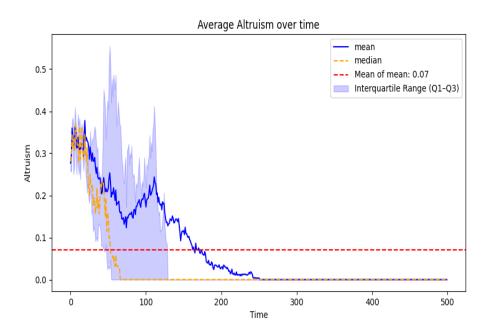
Mean: 128.923323910079 Variance: 27.964238313567634



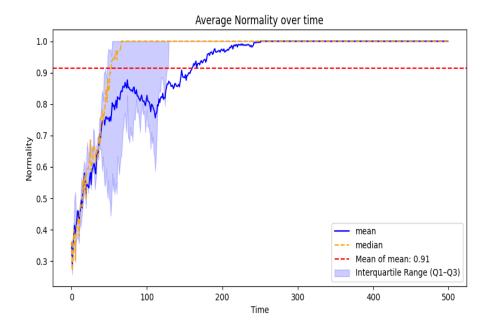
Mean: 1.9948 Variance: 14.06933296



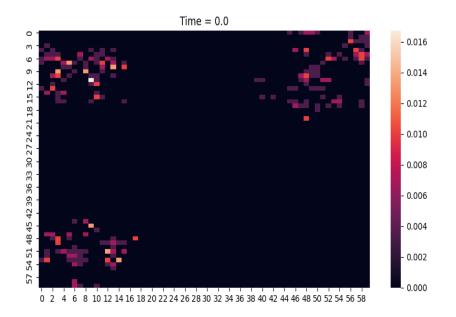
Mean: 0.014207353372056737 Variance: 0.002647630614072906

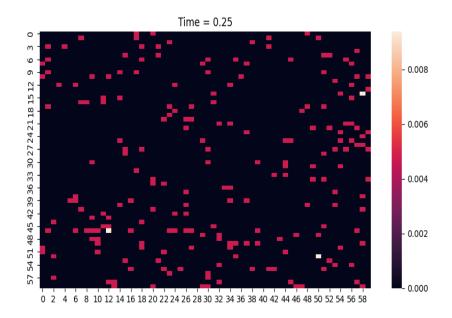


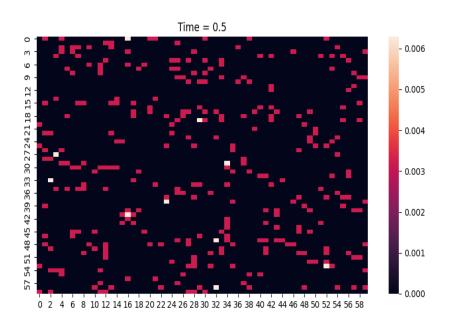
Mean: 0.07093622784011873 Variance: 0.010107982975634559

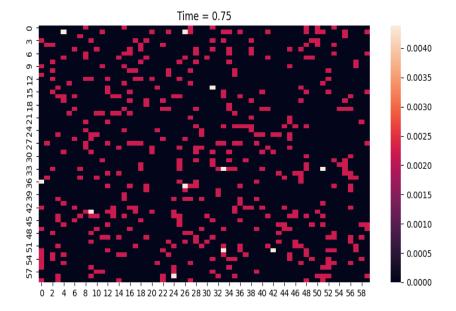


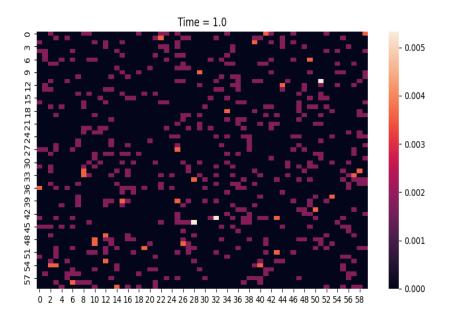
Mean: 0.9148564187878245 Variance: 0.019470032202726945 Spatial Distribution Density Heatmap











Author: Francesco Bredariol
Year: 2024/2025
This Project is done for the academic purpose of implementing the practical part of the Degree Thesis in Artificial Intelligence and Data Analytics.