INF200

MODELLING THE ECOSYSTEM OF ROSSUMØYA

GRUPPE 18

HÅVARD & OLAV

BioSim

simulation_one_year

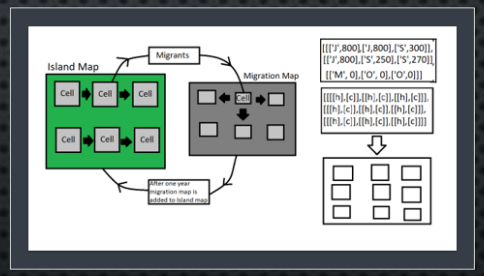
simulation

- Populasjon
- Island-map

- Fodder-map
- Parametre
- Island-map

- Annual cycle
- Ready to migrate
- Migrated animals

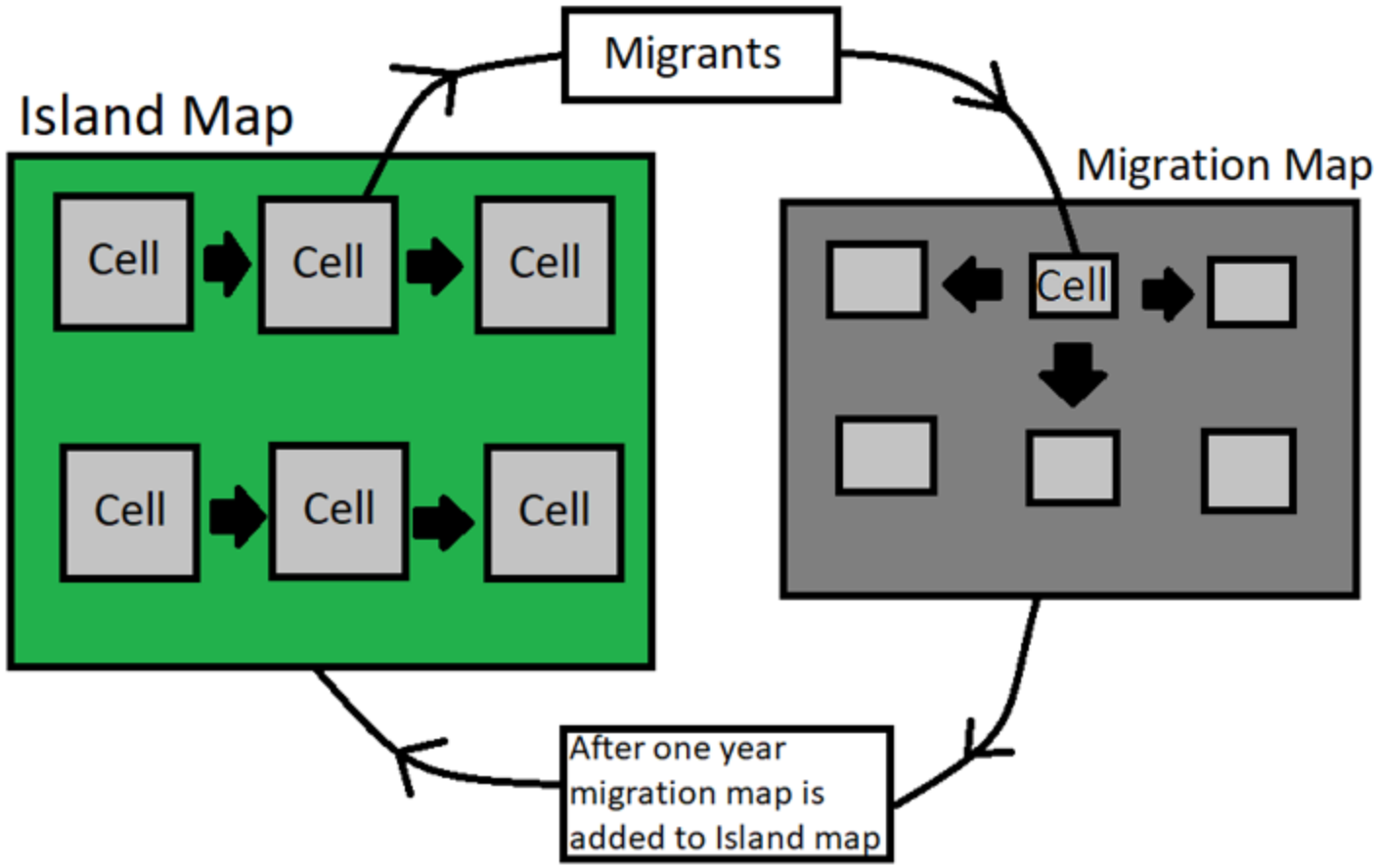
x Antall år



Landscape

Cell

+ Migration

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[['J',800],['S',250],['S',270]],
 [['M', 0],['O', 0],['O',0]]]
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[[[[h],[c]],[[h],[c]],[[h],[c]]],
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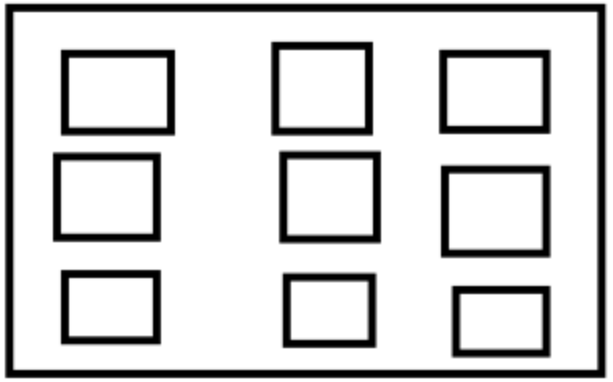

TESTCOVERAGE

Element	Statistics, %
.hypothesis	
__init__.py	100% lines covered
cell.py	51% lines covered
landscape.py	79% lines covered
simulation.py	58% lines covered

Element	Statistics, %
.hypothesis	
__init__.py	100% lines covered
cell.py	85% lines covered

FEIL I SCRIPT OG MULIGE LØSNINGER

	Row	Col	Herbivore	Carnivore
0	0	0	0	0
1	0	1	0	0
2	0	2	0	0
3	0	3	0	0
4	1	0	0	0
5	1	1	2532	0
6	1	2	2713	0
7	1	3	0	0
8	2	0	0	0
9	2	1	2299	0
10	2	2	2255	0
11	2	3	0	0
12	3	0	0	0
13	3	1	0	0
14	3	2	0	0
15	3	3	0	0

SIMULASJON ONSDAG 22.01

	Row	Col	Herbivore	Carnivore
0	0	0	0	0
1	0	1	0	0
2	0	2	0	0
3	0	3	0	0
4	1	0	0	0
5	1	1	197	0
6	1	2	201	0
7	1	3	0	0
8	2	0	0	0
9	2	1	226	0
10	2	2	208	0
11	2	3	0	0
12	3	0	0	0
13	3	1	0	0
14	3	2	0	0
15	3	3	0	0

SIMULASJON FREDAG 24.01

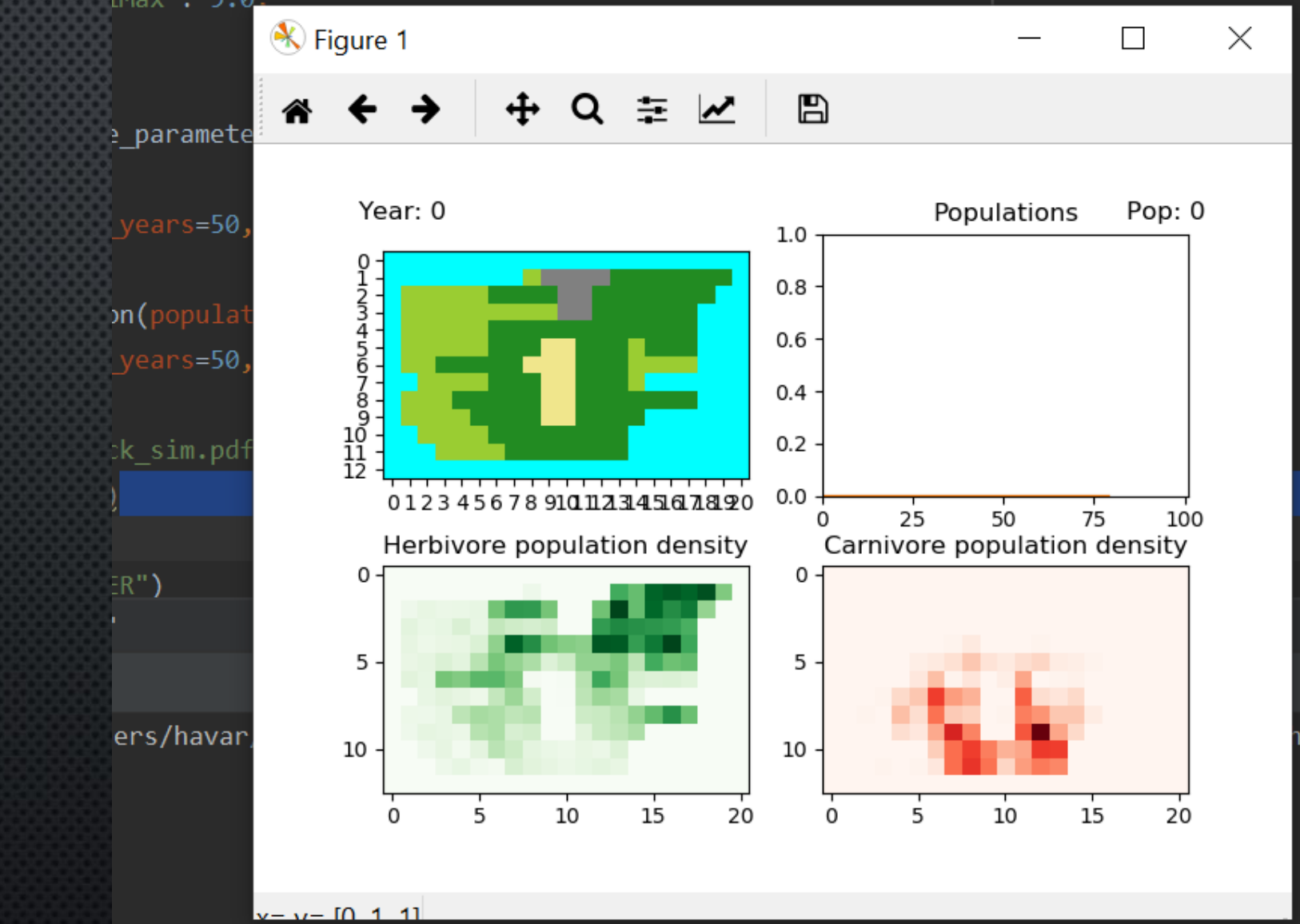
Figure 1
Year: 0
Populations
Pop: 0
1.0
0.8
0.6
0.4
0.2
0.0
0
25
50
75
100
Herbivore population density
Carnivore population density
0
5
10
15
20