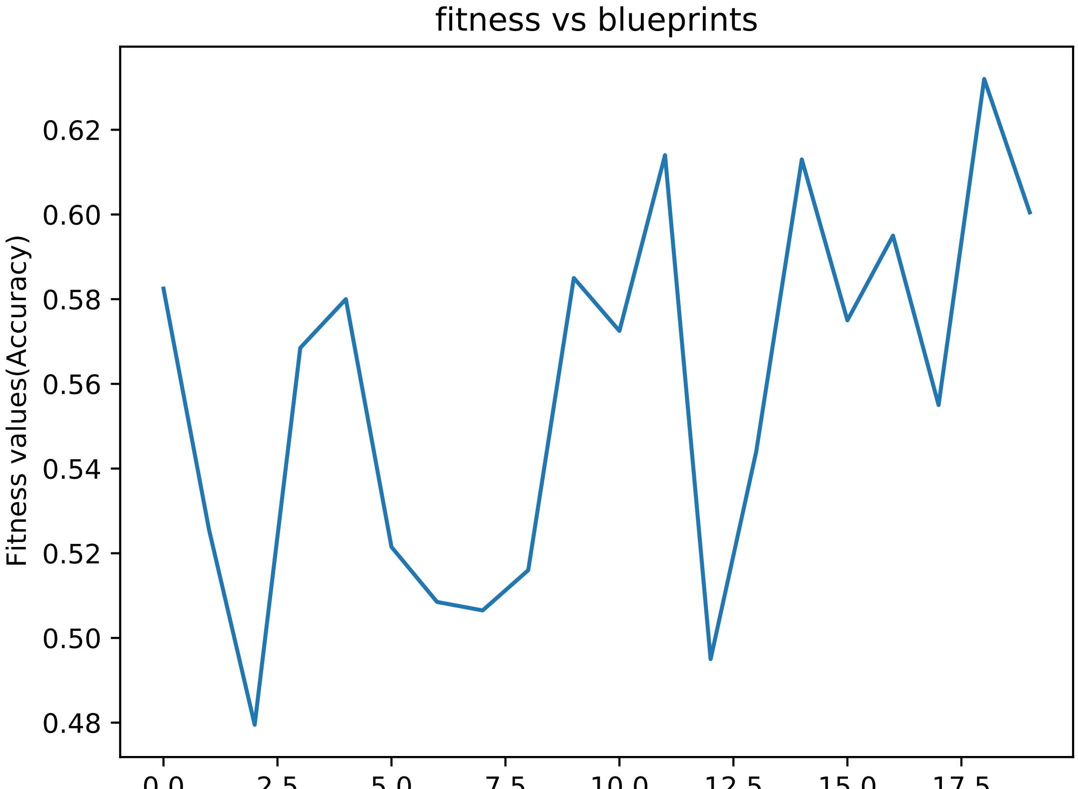
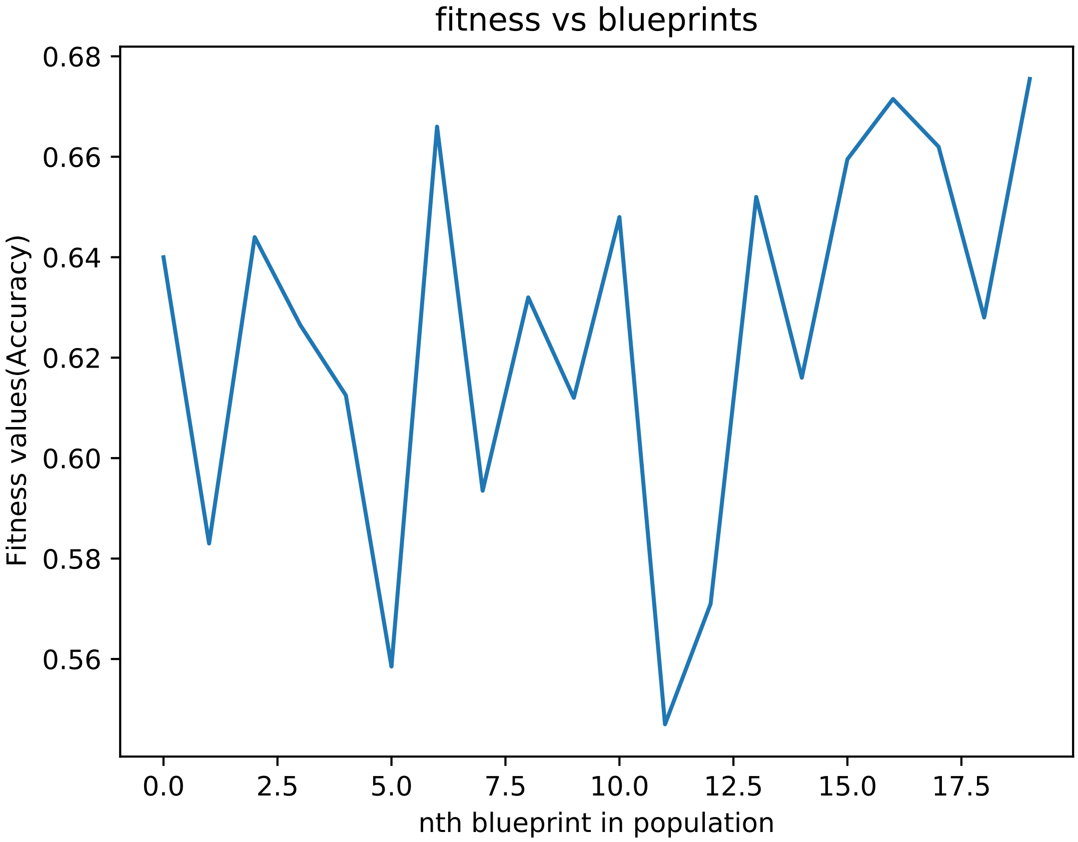
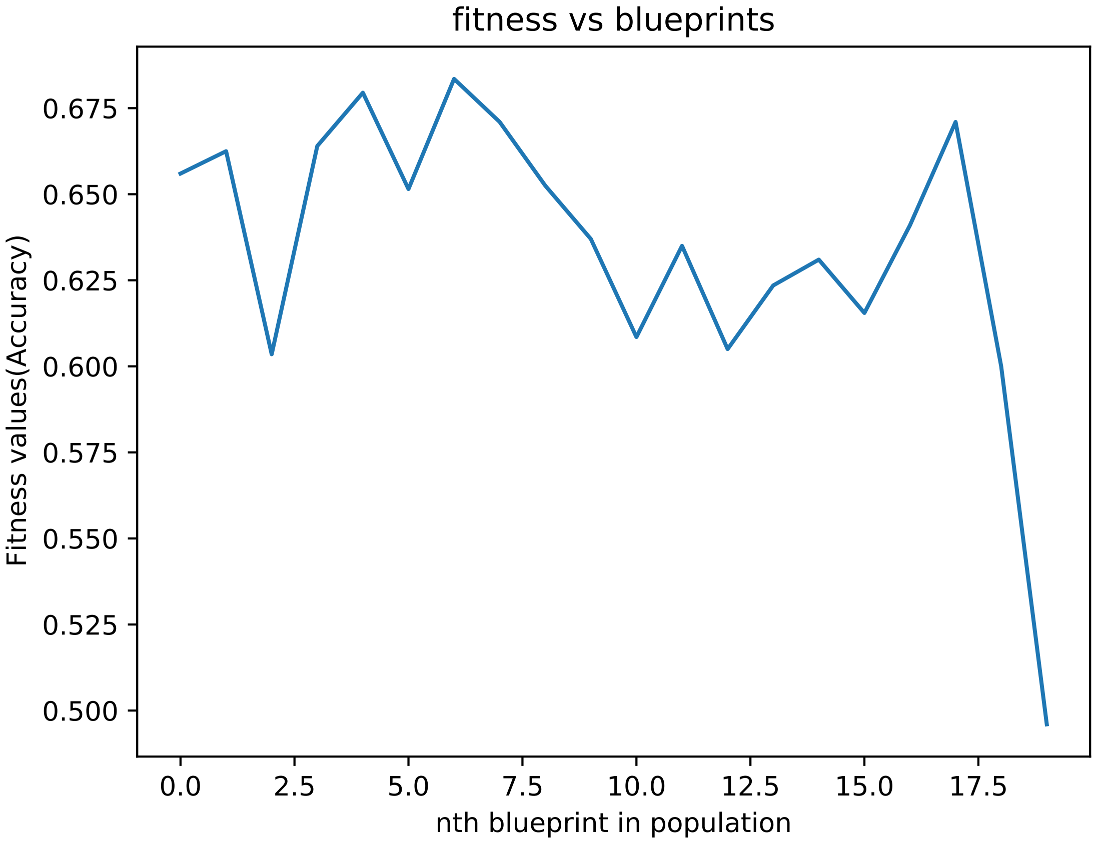
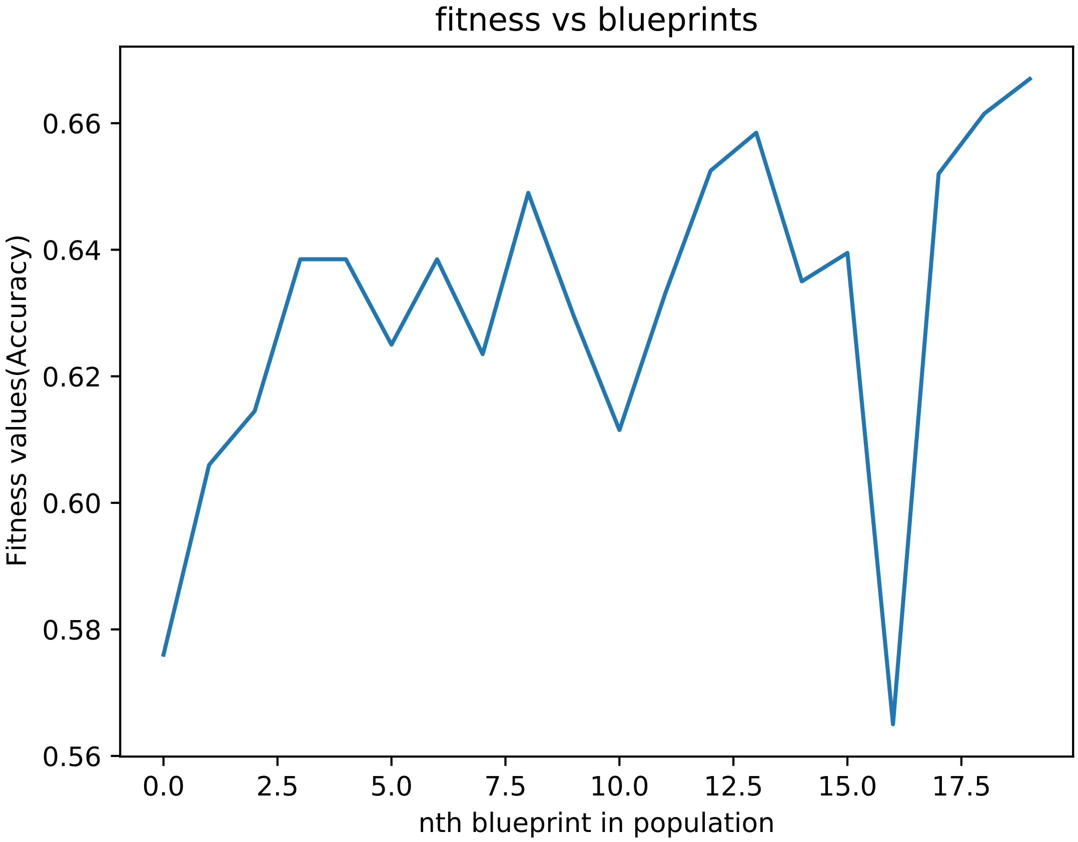
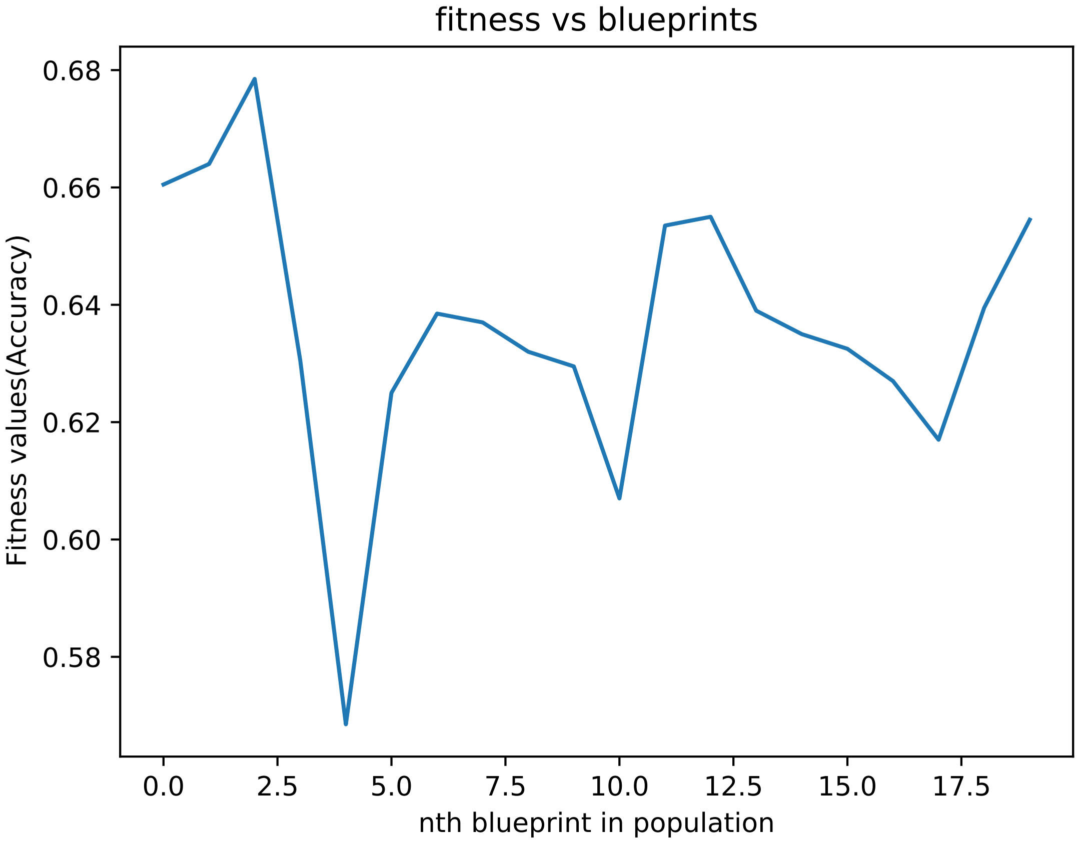
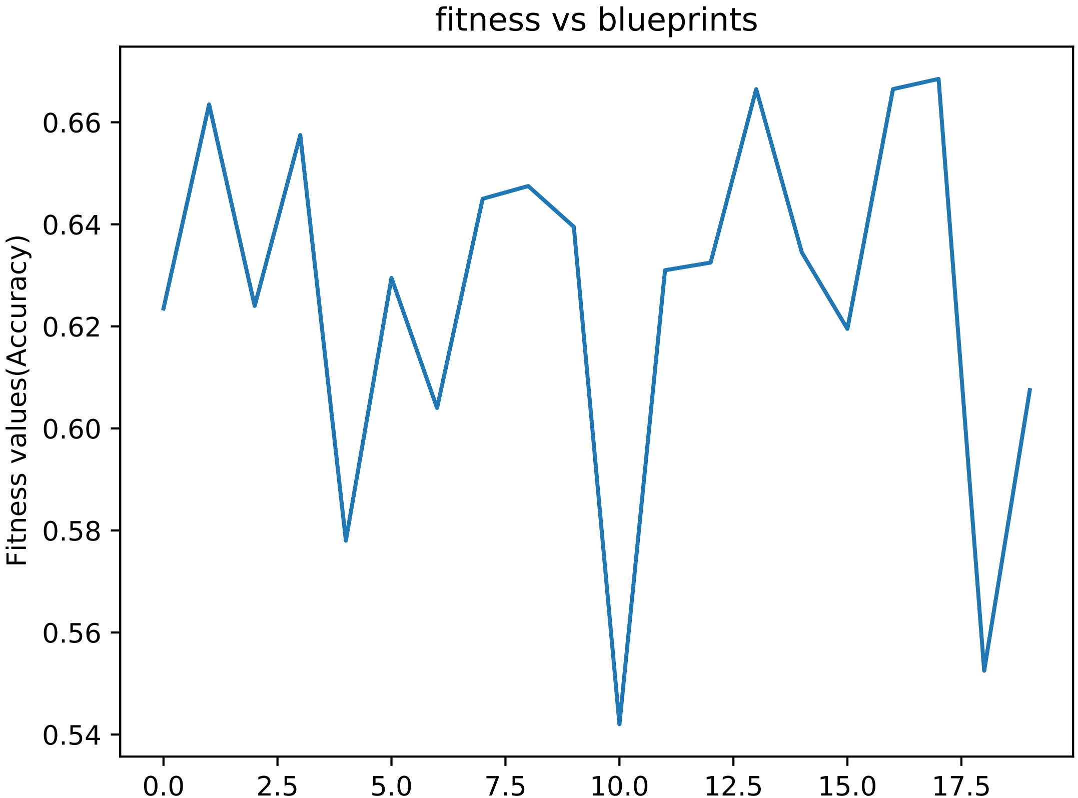

fitness vs blueprints
Fitness values(Accuracy)
0.48
0.50
0.52
0.54
0.56
0.58
0.60
0.62
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

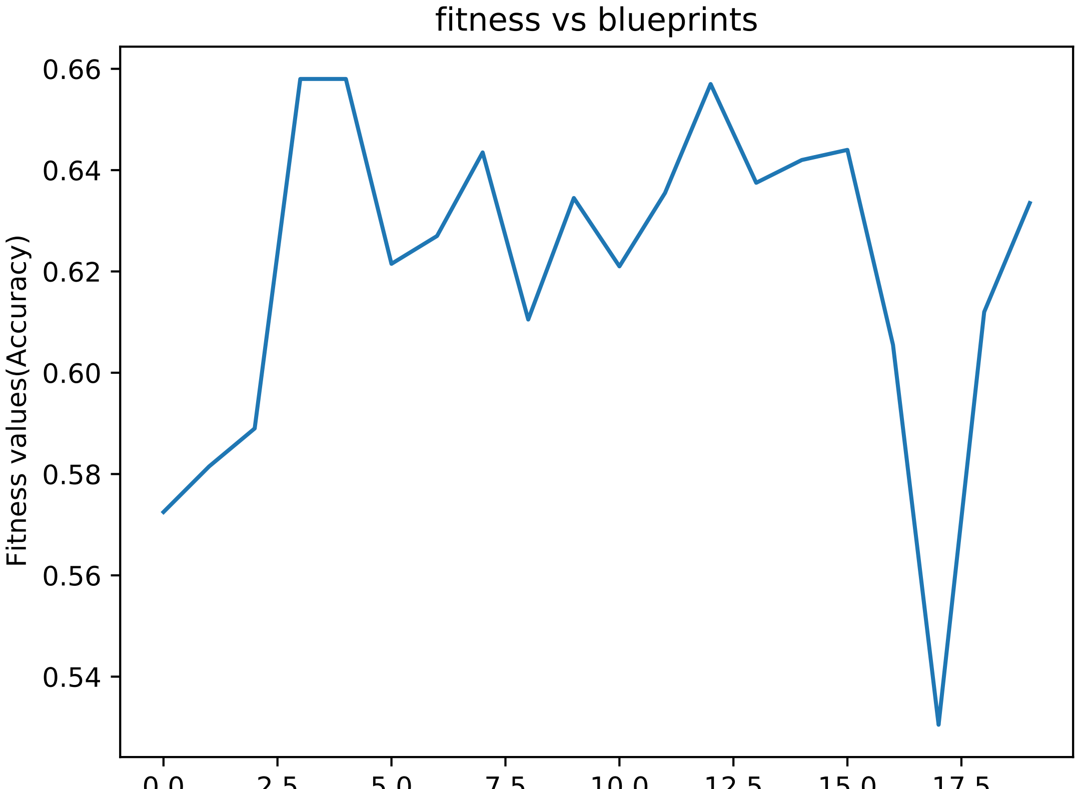

fitness vs blueprints
Fitness values(Accuracy)
0.68
0.66
0.64
0.62
0.60
0.58
0.56
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

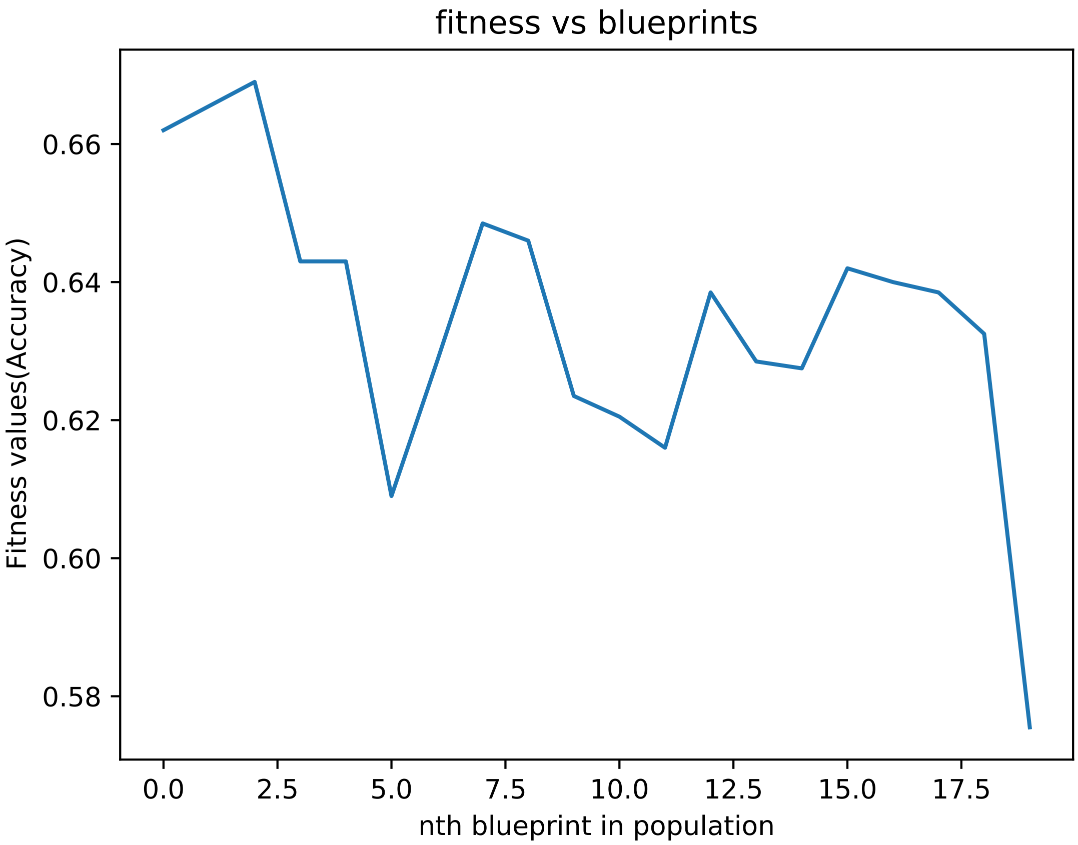

fitness vs blueprints
Fitness values(Accuracy)
0.500
0.525
0.550
0.575
0.600
0.625
0.650
0.675
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

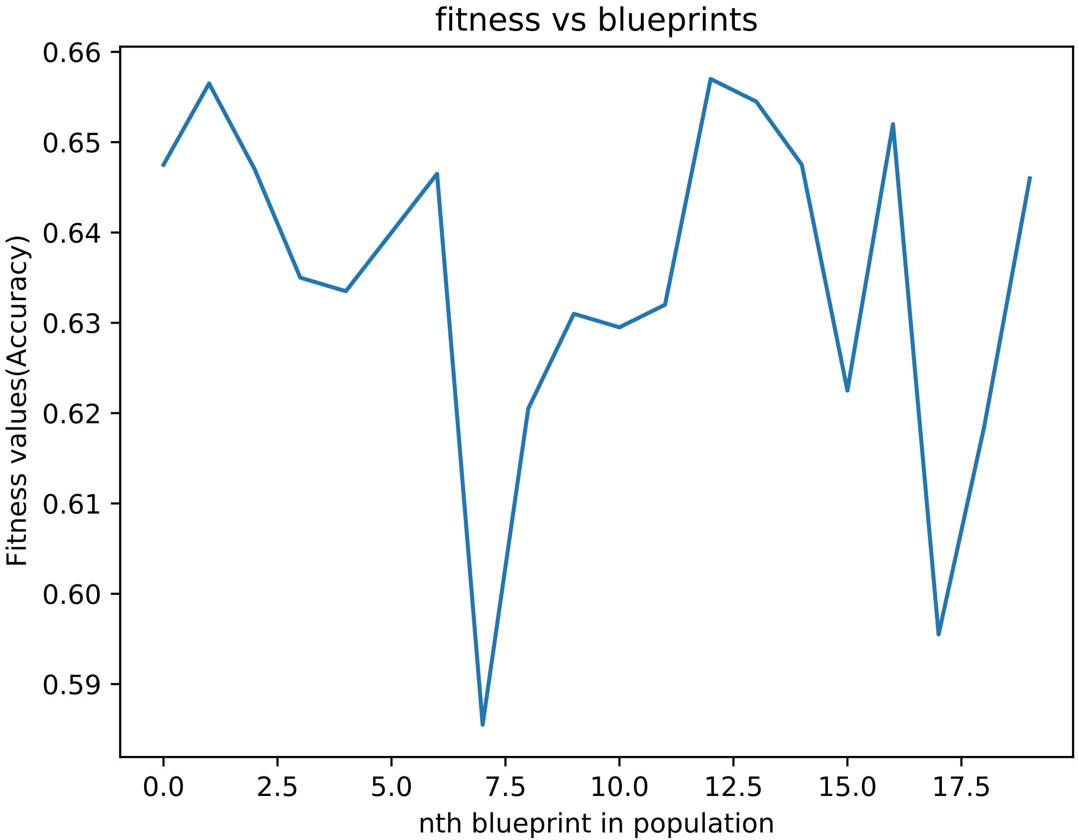

fitness vs blueprints
Fitness values(Accuracy)
0.56
0.58
0.60
0.62
0.64
0.66
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

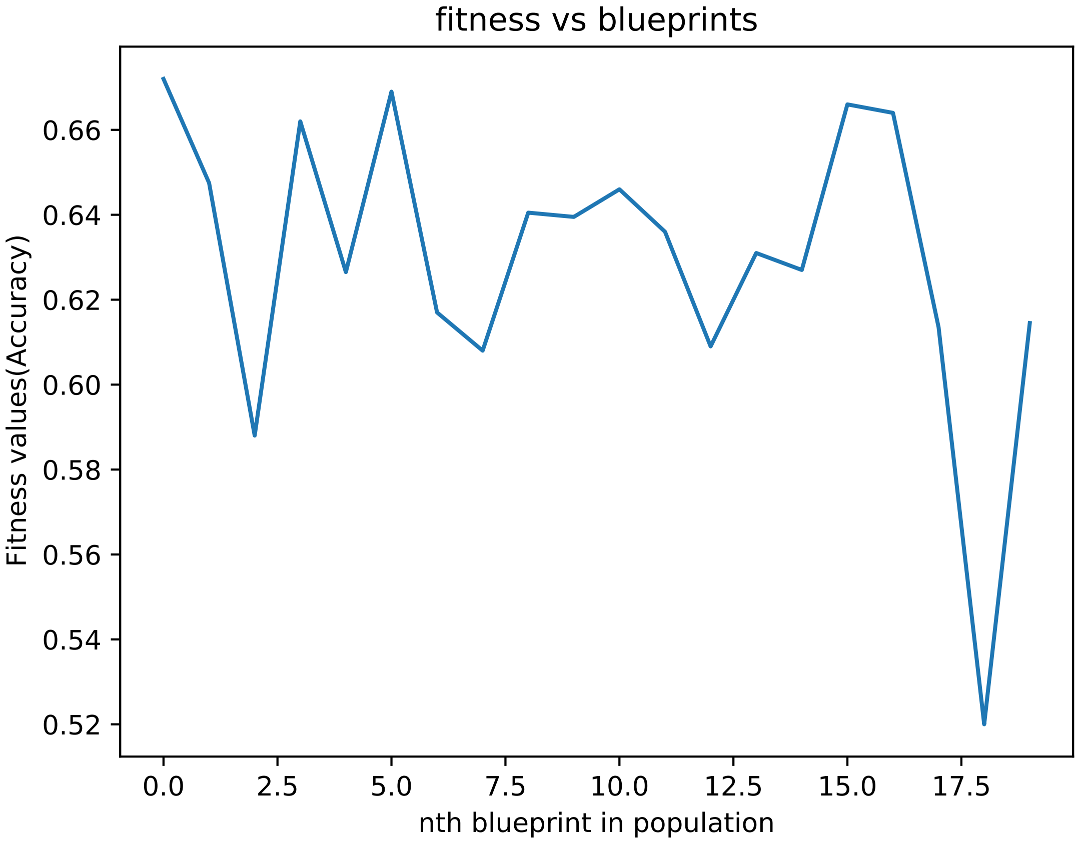

fitness vs blueprints
Fitness values(Accuracy)
0.68
0.66
0.64
0.62
0.60
0.58
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

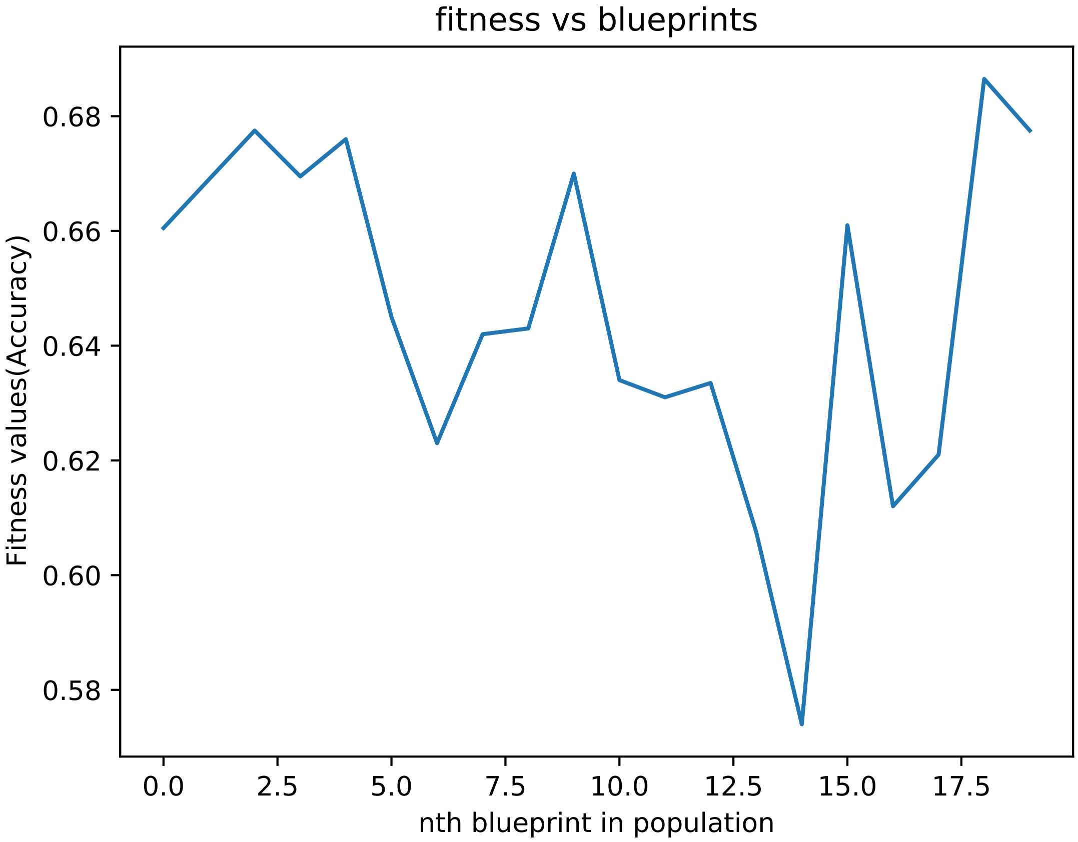

fitness vs blueprints
Fitness values(Accuracy)
0.66
0.64
0.62
0.60
0.58
0.56
0.54
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

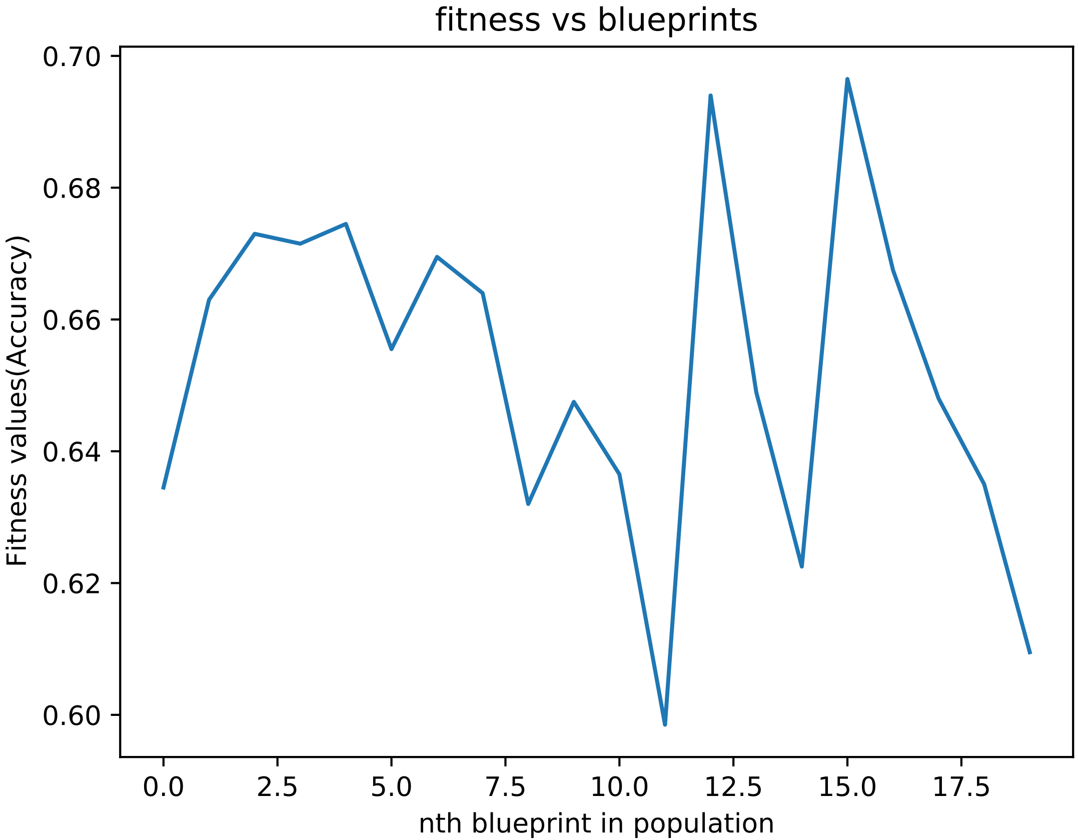

fitness vs blueprints
Fitness values(Accuracy)
0.66
0.64
0.62
0.60
0.58
0.56
0.54
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

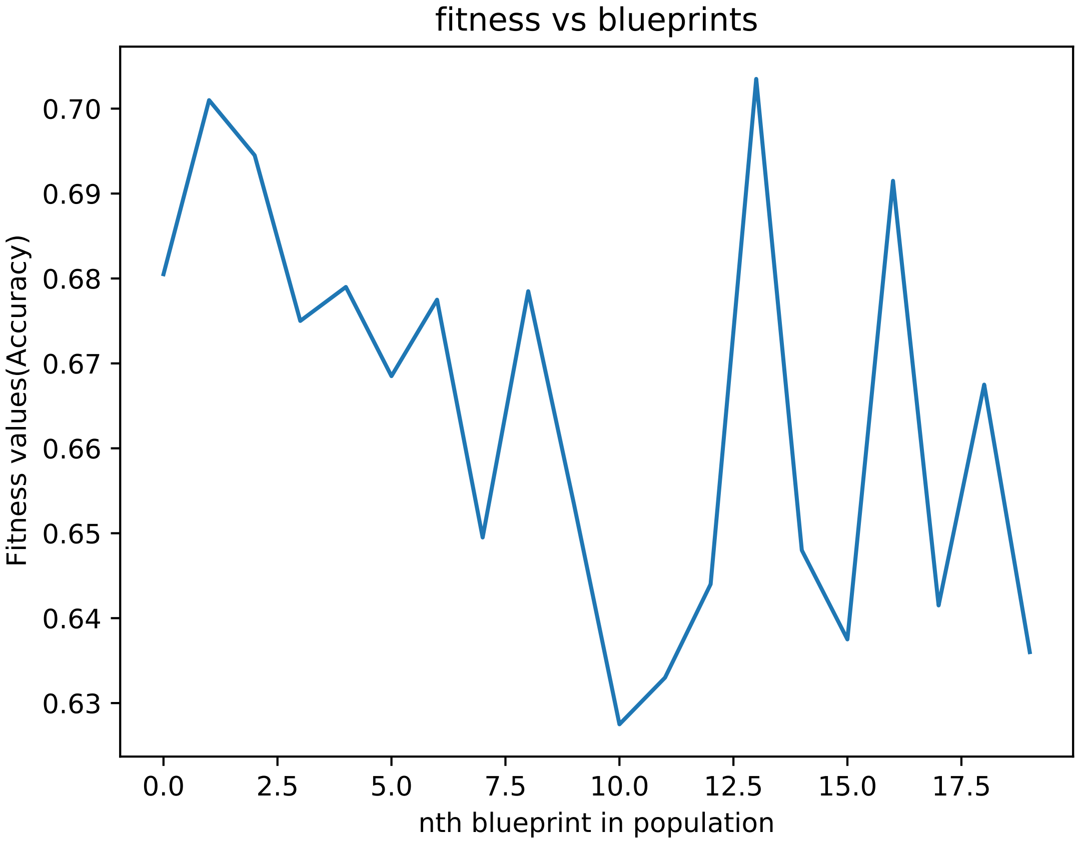

fitness vs blueprints
Fitness values(Accuracy)
0.66
0.64
0.62
0.60
0.58
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

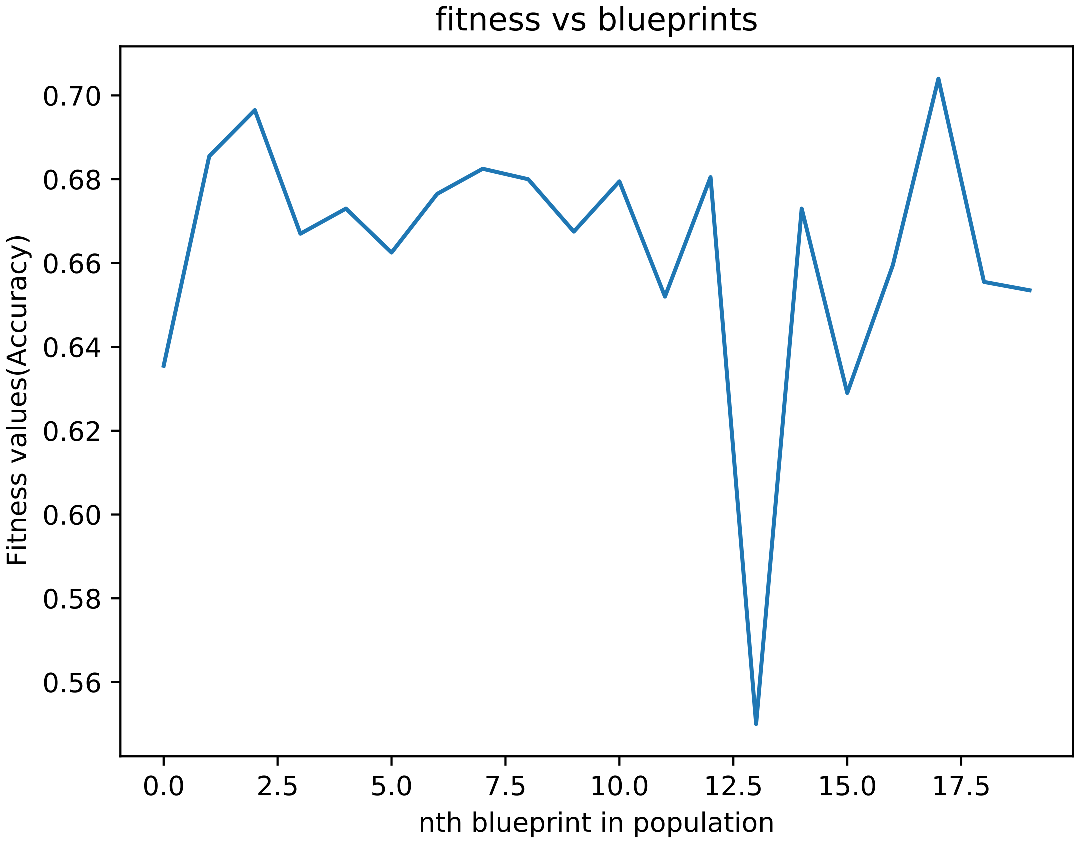

fitness vs blueprints
Fitness values(Accuracy)
0.66
0.65
0.64
0.63
0.62
0.61
0.60
0.59
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

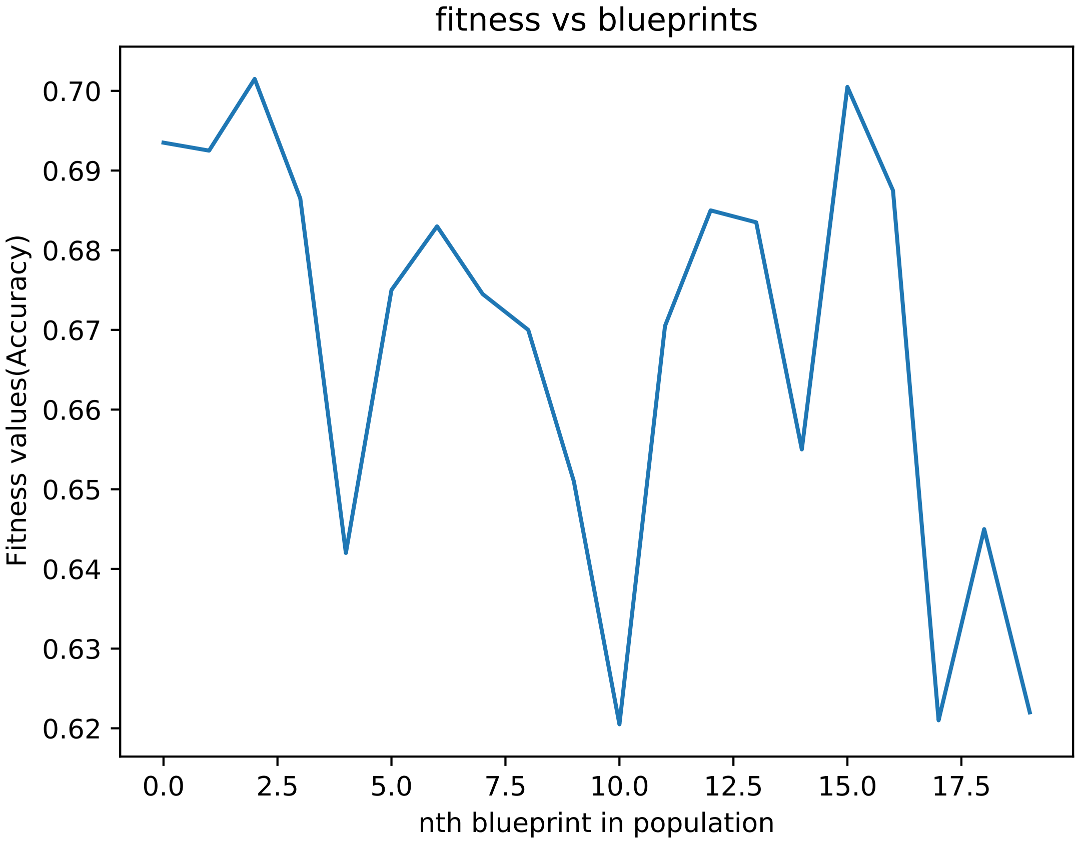

fitness vs blueprints
Fitness values(Accuracy)
0.52
0.54
0.56
0.58
0.60
0.62
0.64
0.66
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

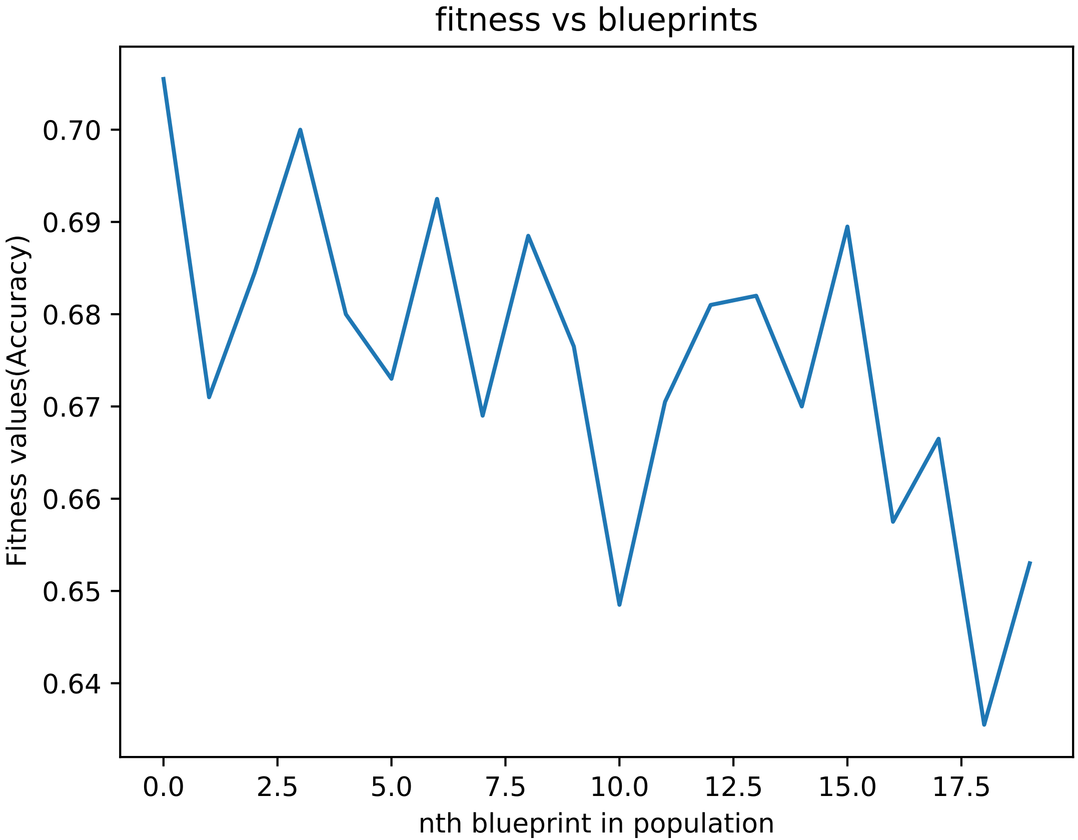

fitness vs blueprints
Fitness values(Accuracy)
0.68
0.66
0.64
0.62
0.60
0.58
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

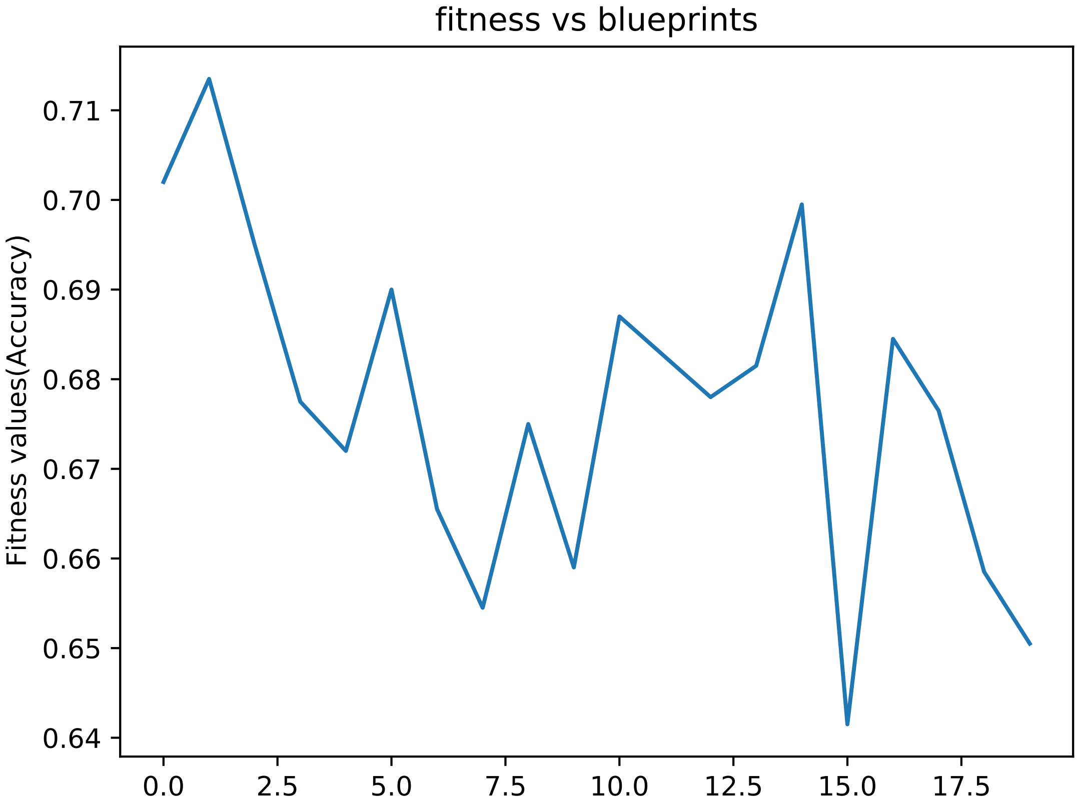

fitness vs blueprints
Fitness values(Accuracy)
0.70
0.68
0.66
0.64
0.62
0.60
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

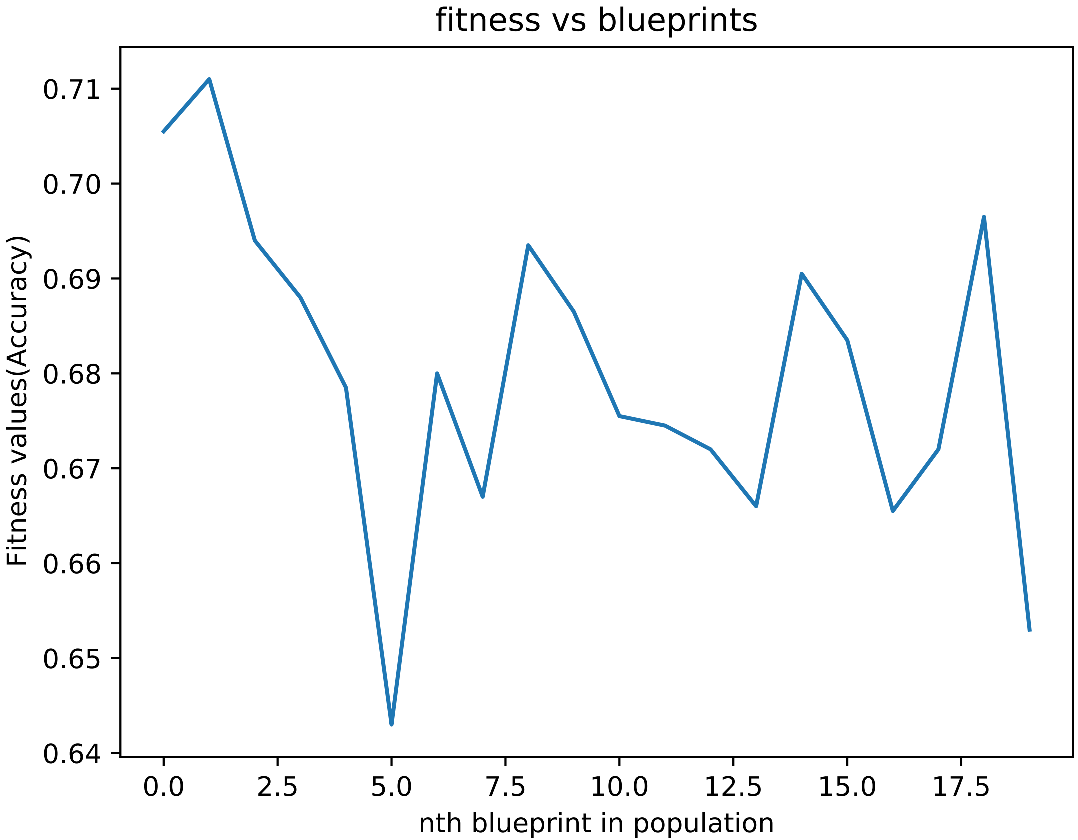

fitness vs blueprints
Fitness values(Accuracy)
0.70
0.69
0.68
0.67
0.66
0.65
0.64
0.63
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

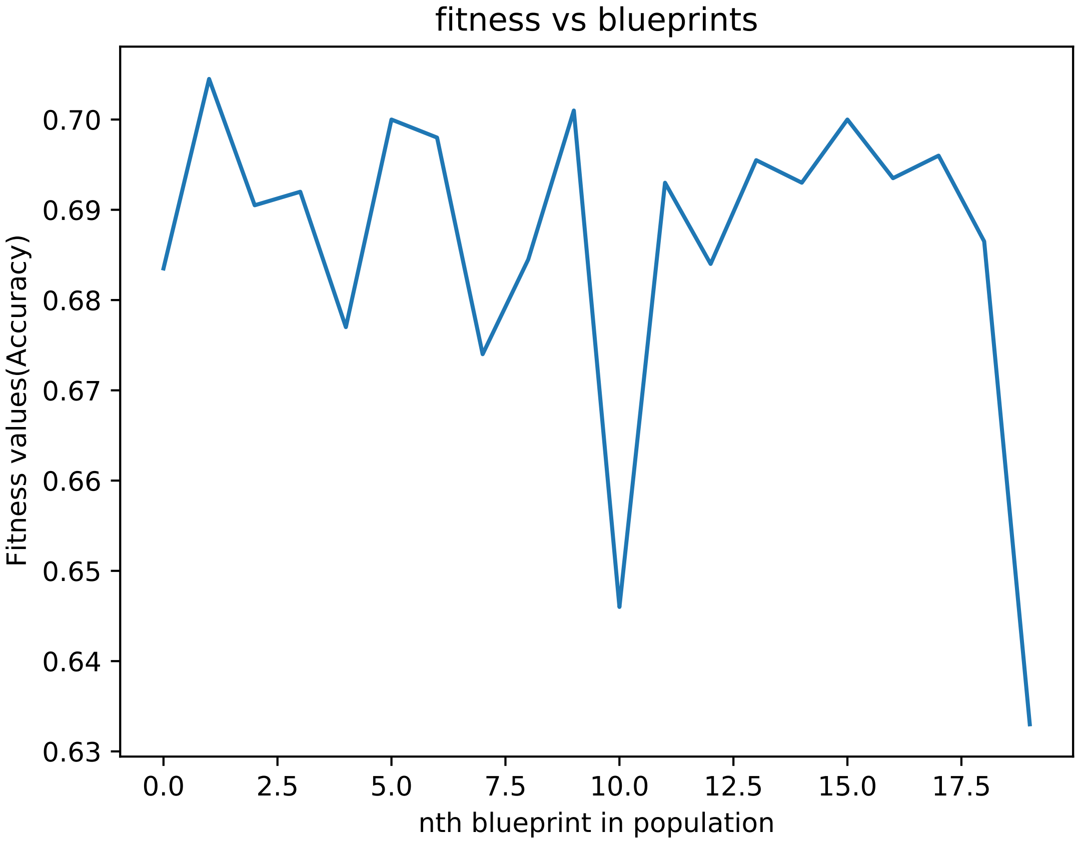

fitness vs blueprints
Fitness values(Accuracy)
0.70
0.68
0.66
0.64
0.62
0.60
0.58
0.56
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

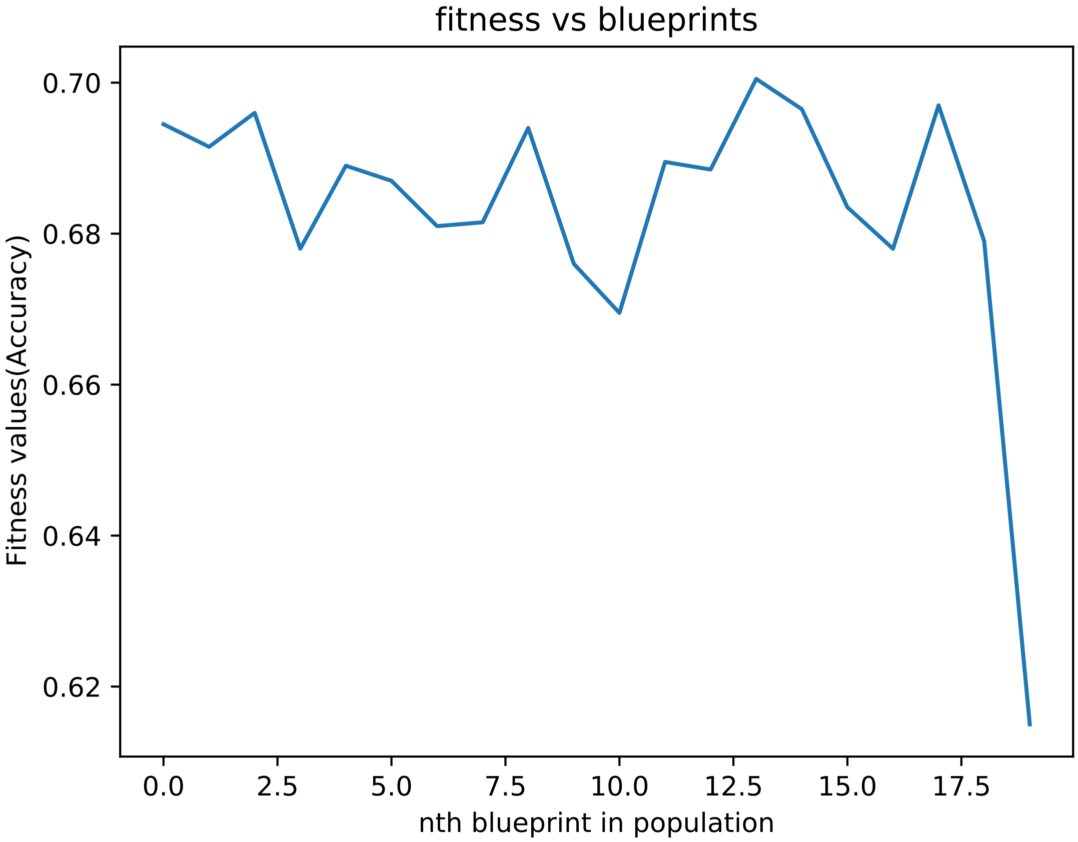

fitness vs blueprints
Fitness values(Accuracy)
0.70
0.69
0.68
0.67
0.66
0.65
0.64
0.63
0.62
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

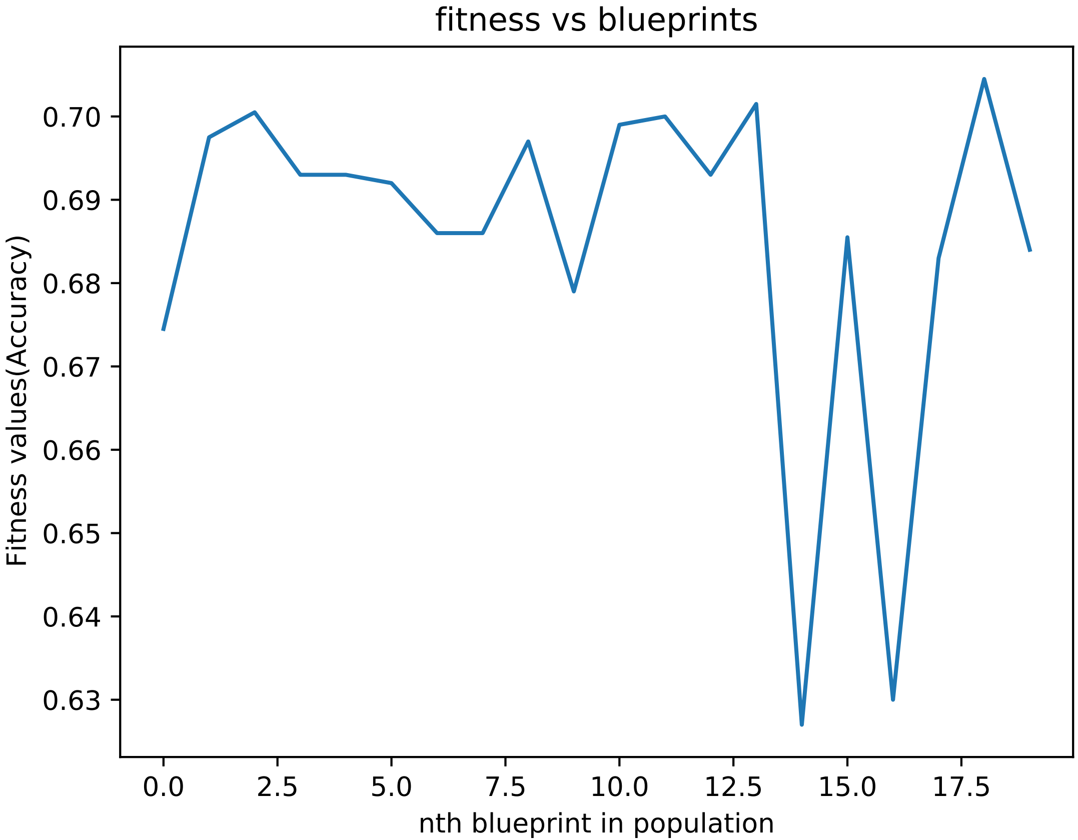

fitness vs blueprints
Fitness values(Accuracy)
0.70
0.69
0.68
0.67
0.66
0.65
0.64
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

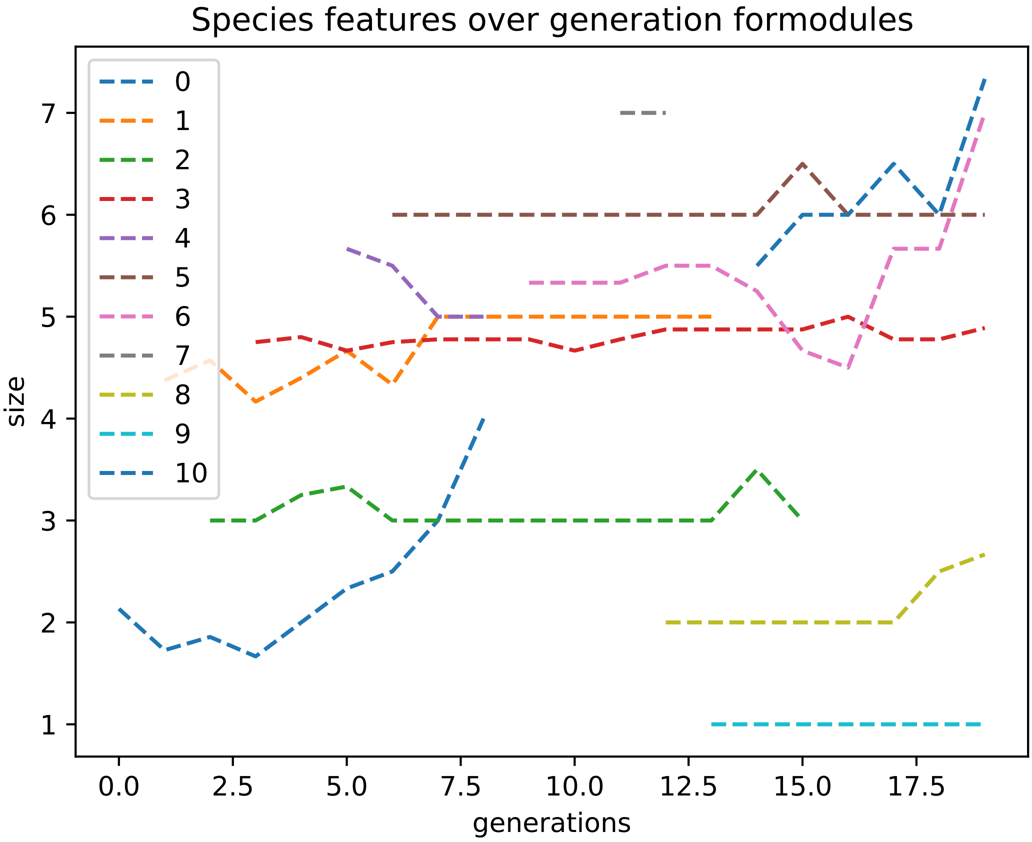

fitness vs blueprints
Fitness values(Accuracy)
0.71
0.70
0.69
0.68
0.67
0.66
0.65
0.64
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

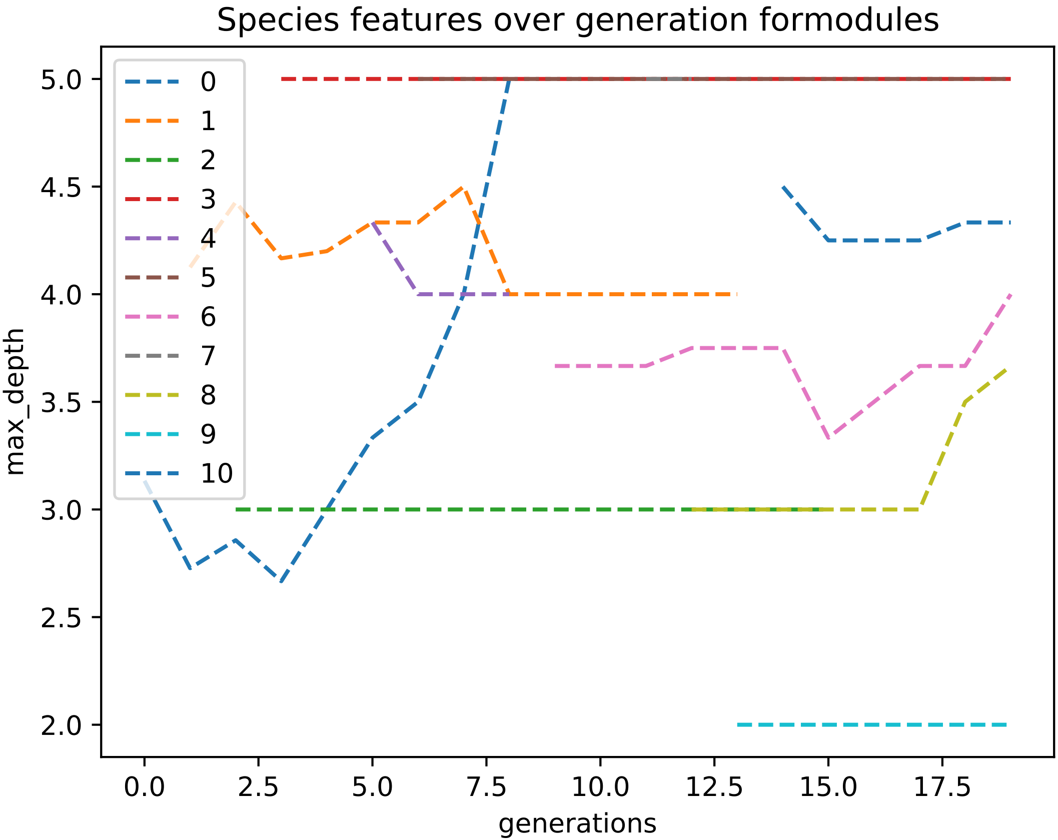

fitness vs blueprints
Fitness values(Accuracy)
0.71
0.70
0.69
0.68
0.67
0.66
0.65
0.64
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

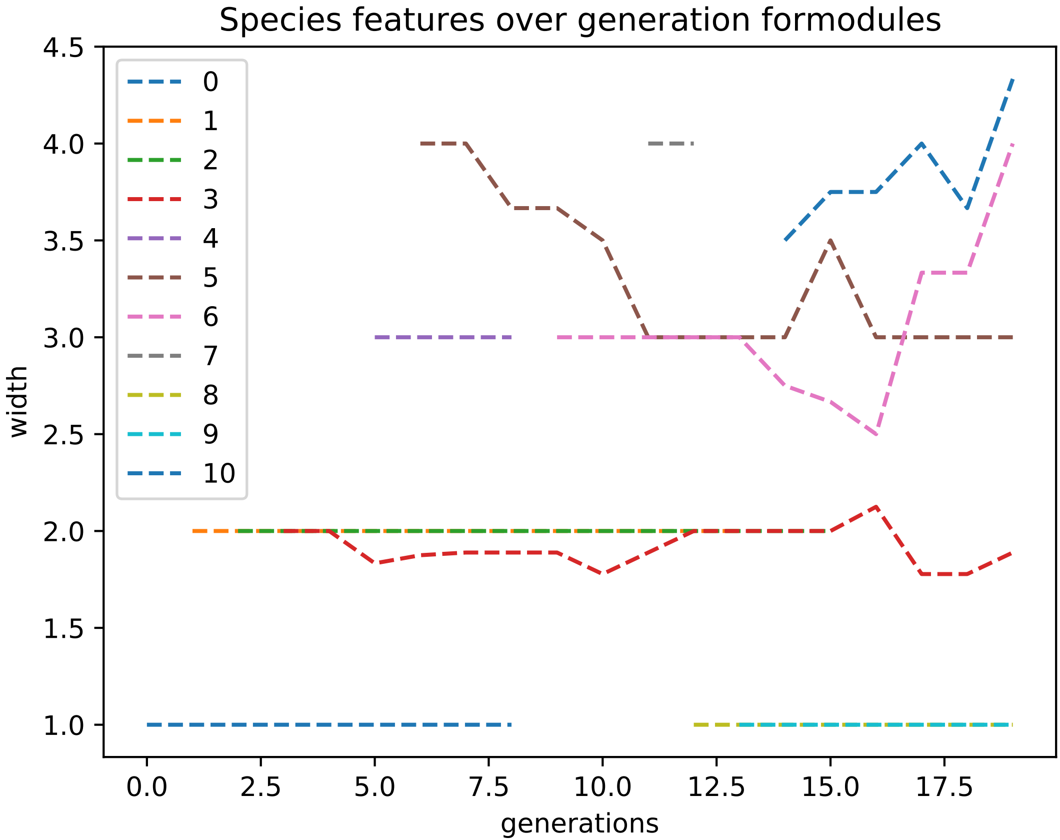

fitness vs blueprints
Fitness values(Accuracy)
0.70
0.69
0.68
0.67
0.66
0.65
0.64
0.63
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

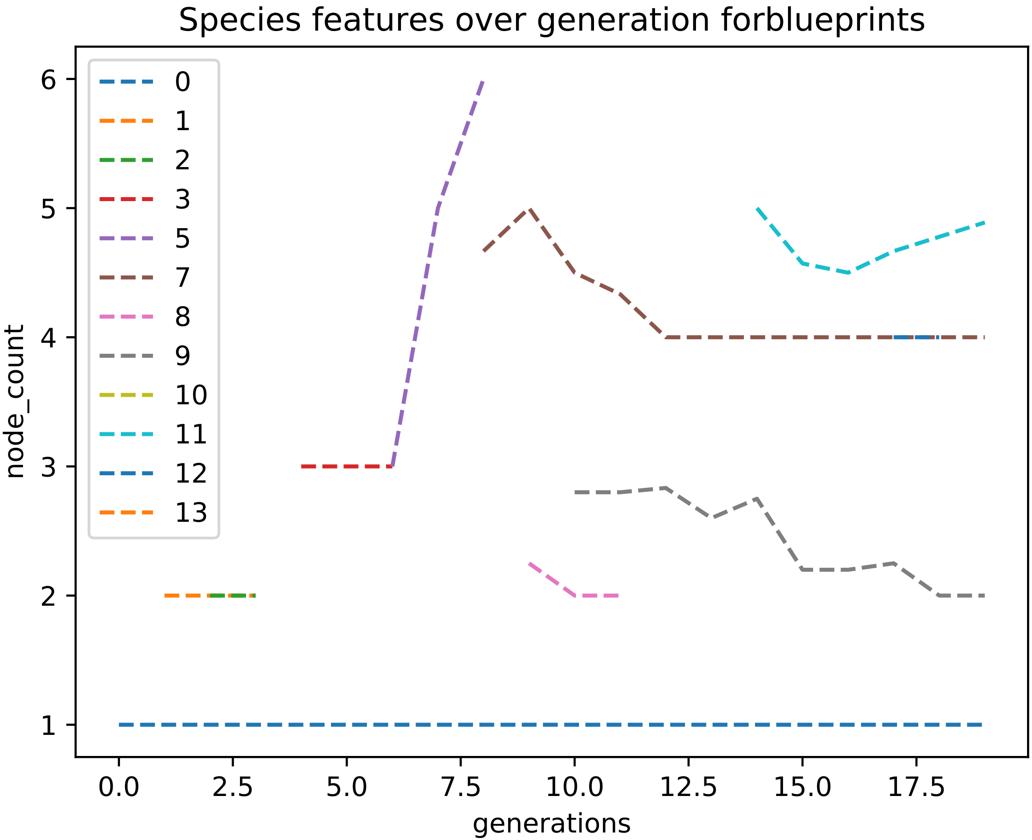

fitness vs blueprints
Fitness values(Accuracy)
0.70
0.68
0.66
0.64
0.62
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

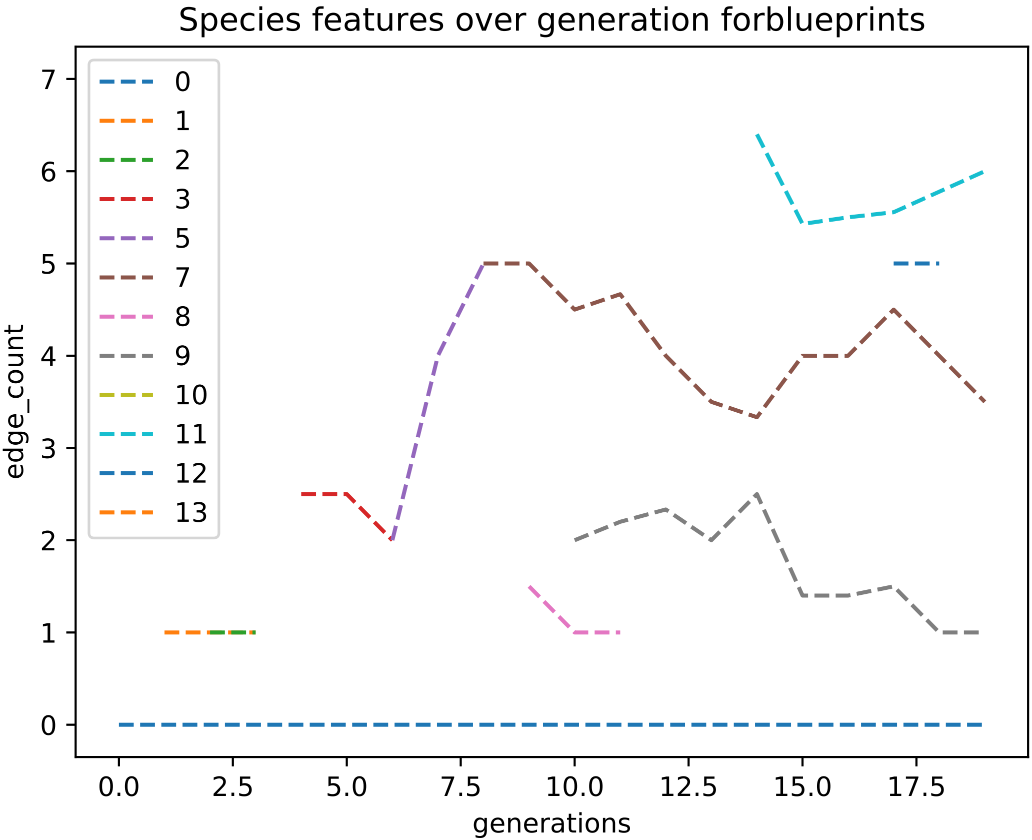

fitness vs blueprints
Fitness values(Accuracy)
0.70
0.69
0.68
0.67
0.66
0.65
0.64
0.63
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
nth blueprint in population

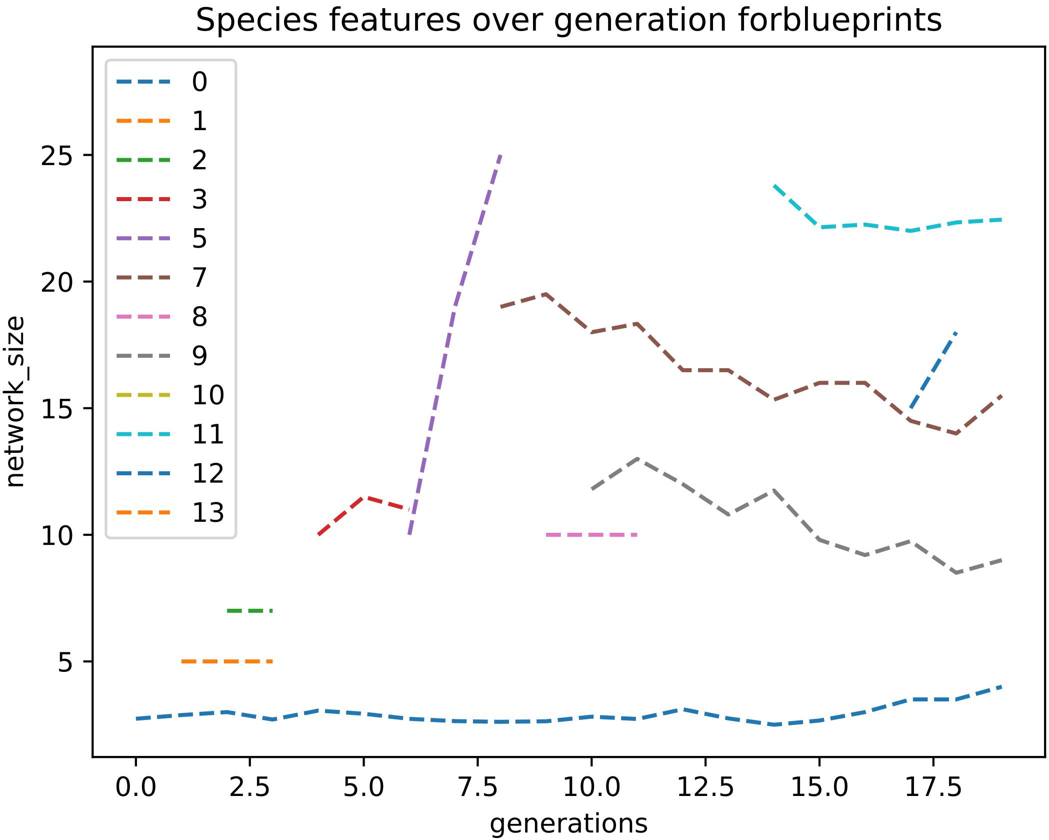

Species features over generation formodules
size
generations
0
1
2
3
4
5
6
7
8
9
10
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5

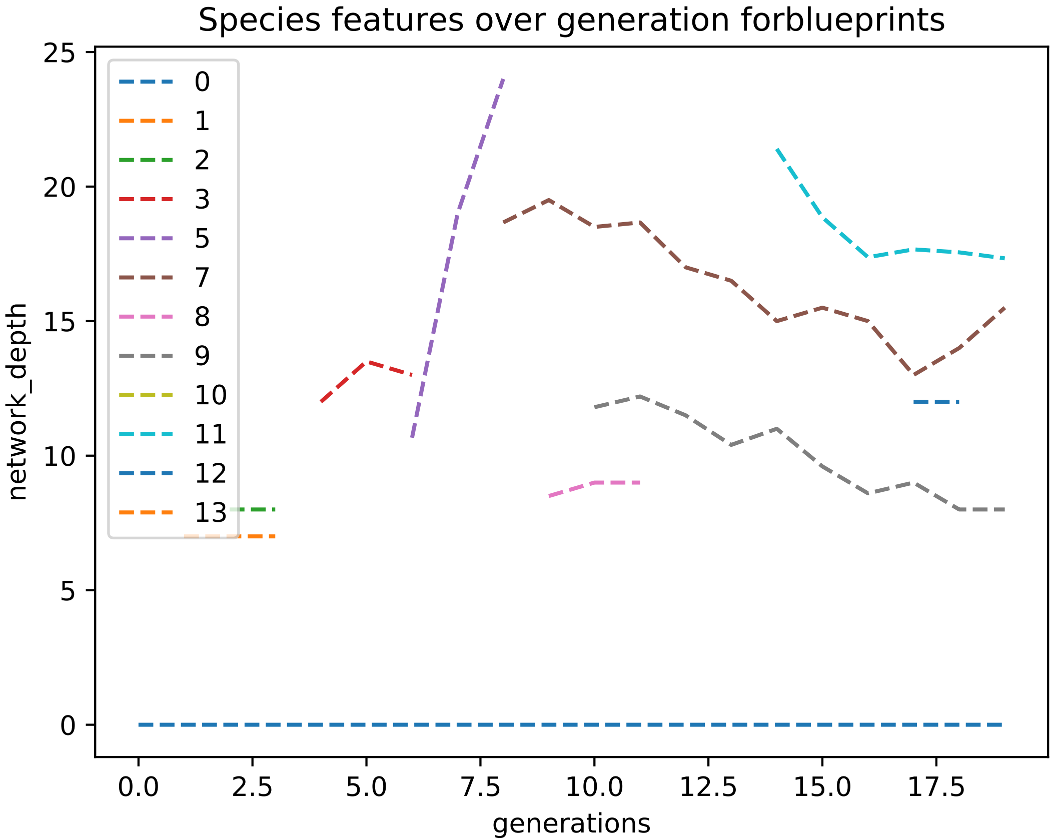

Species features over generation formodules
max_depth
generations
5.0
4.5
4.0
3.5
3.0
2.5
2.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
0
1
2
3
4
5
6
7
8
9
10

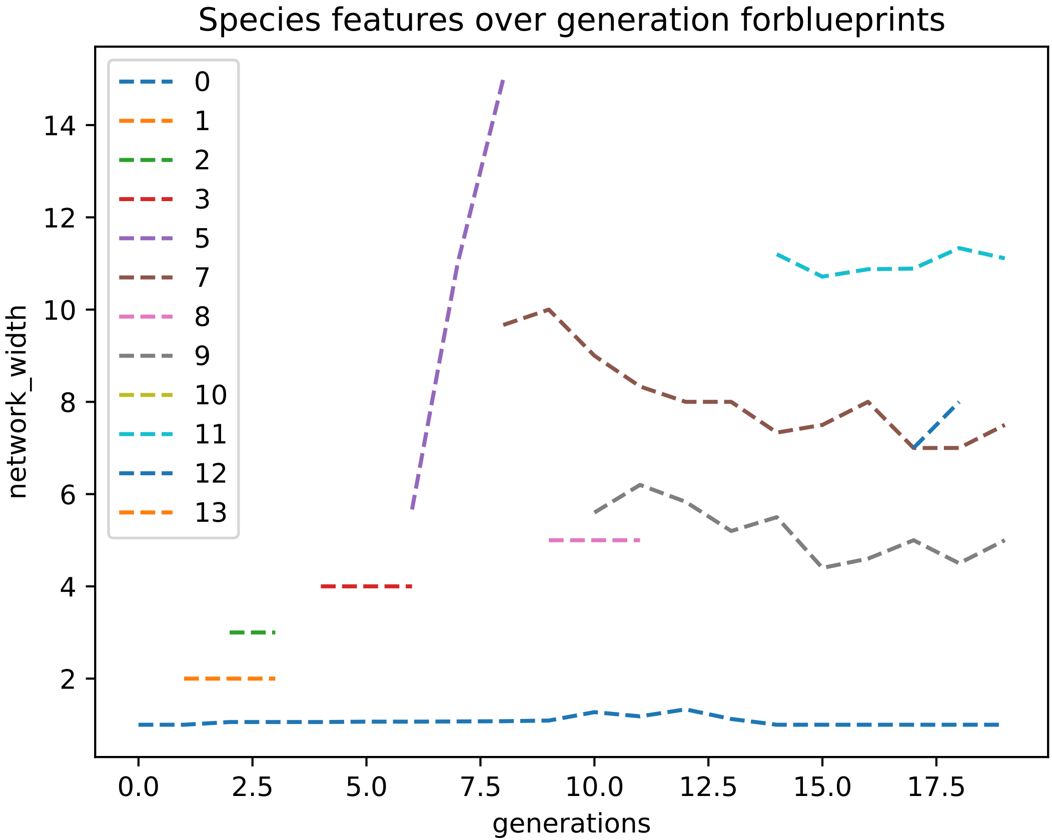

Species features over generation formodules
width
generations
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
0
1
2
3
4
5
6
7
8
9
10

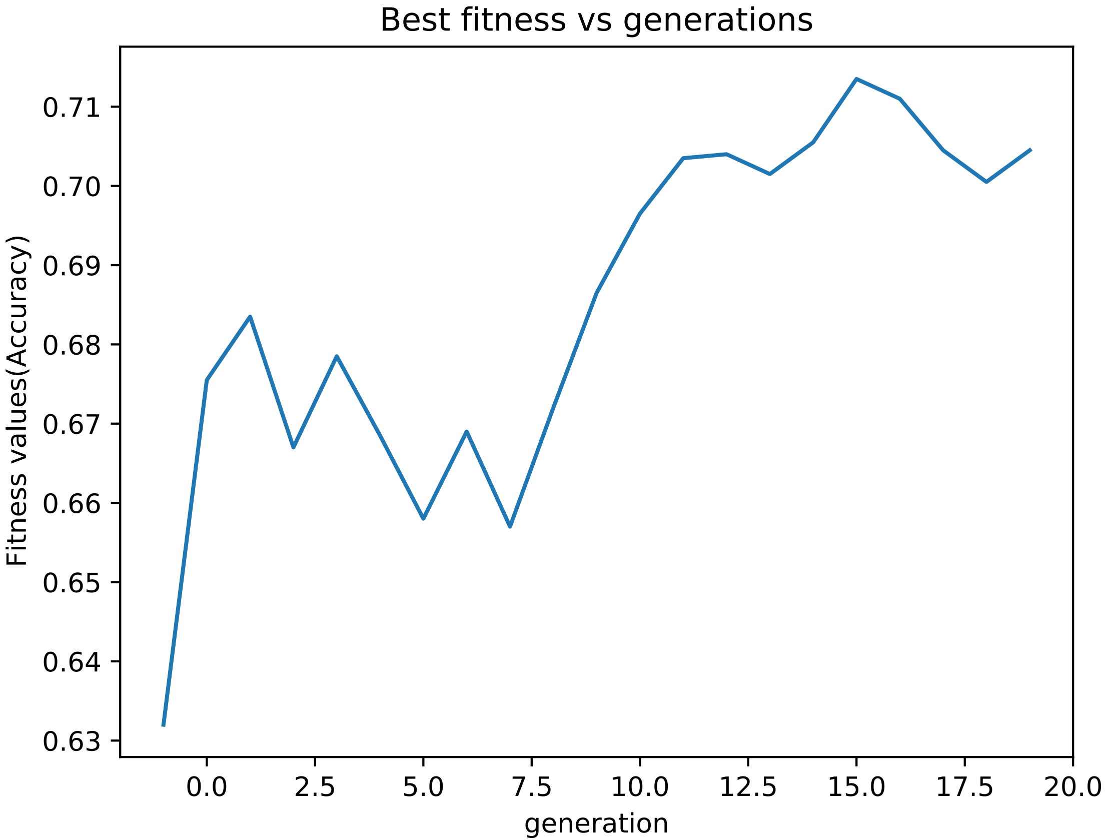

Species features over generation forblueprints
node_count
generations
6
5
4
3
2
1
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
0
1
2
3
5
7
8
9
10
11
12
13

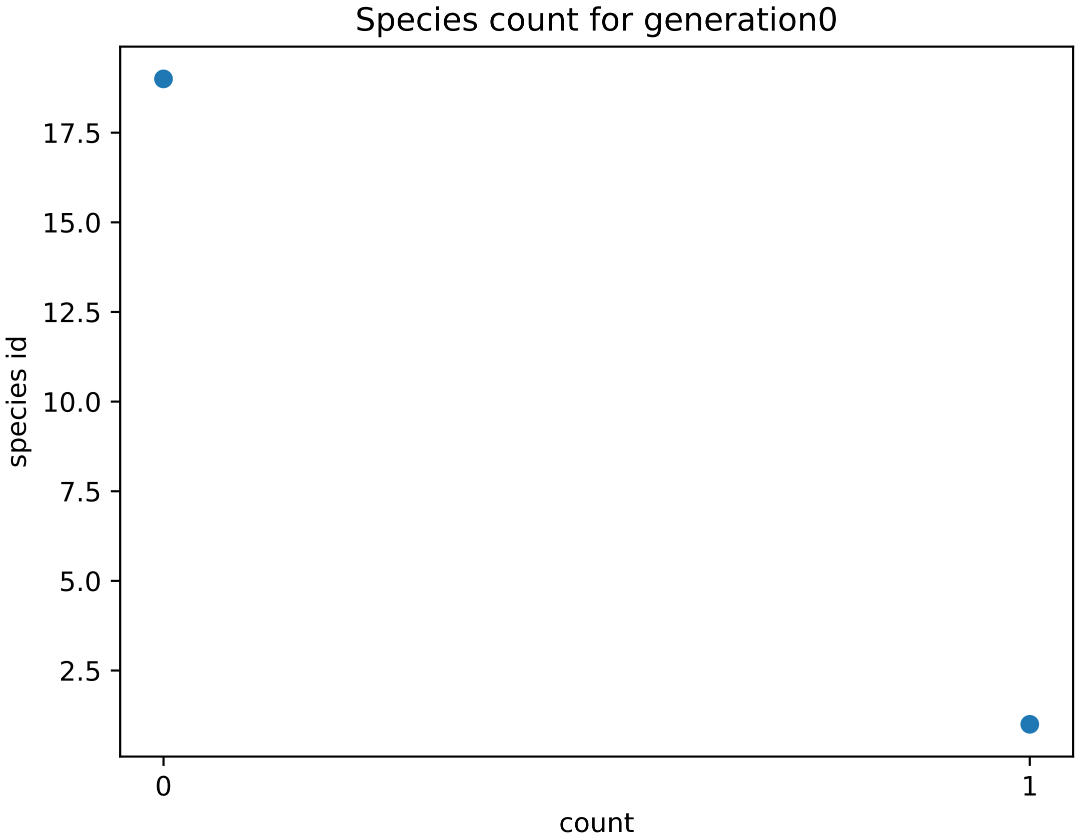

Species features over generation forblueprints
edge_count
generations
0
1
2
3
4
5
6
7
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
0
1
2
3
5
7
8
9
10
11
12
13

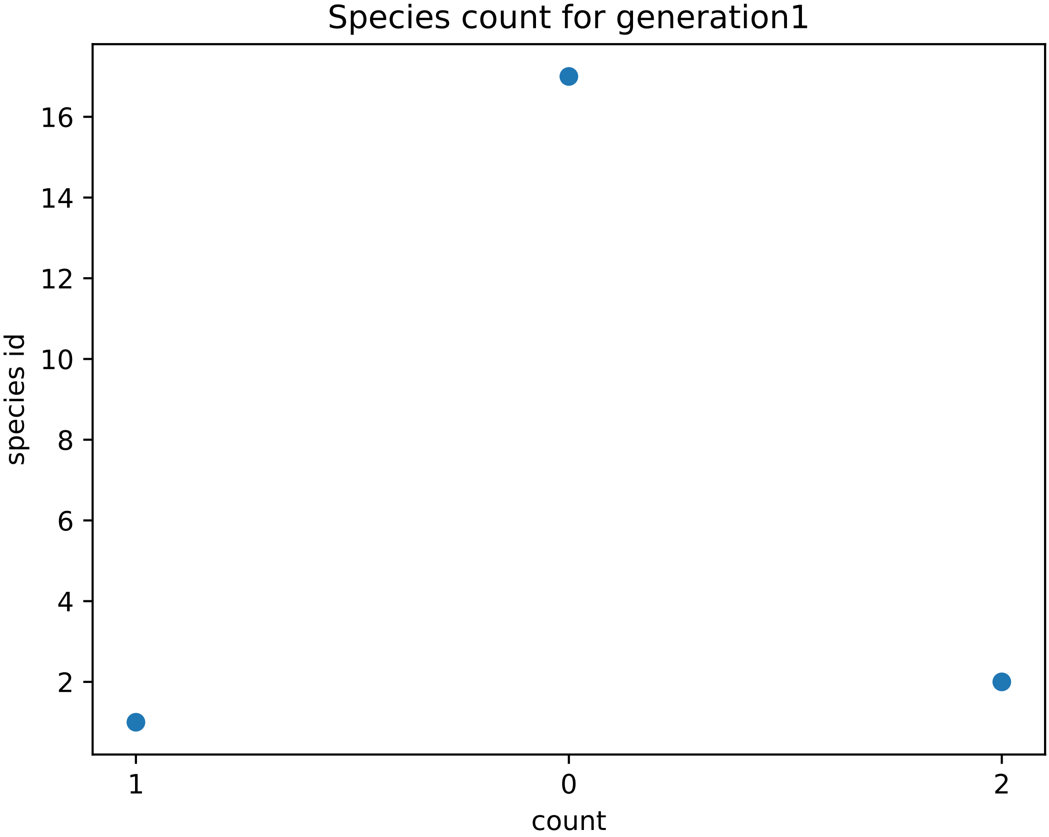

Species features over generation forblueprints
network_size
generations
0
1
2
3
5
7
8
9
10
11
12
13
25
20
15
10
5
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5

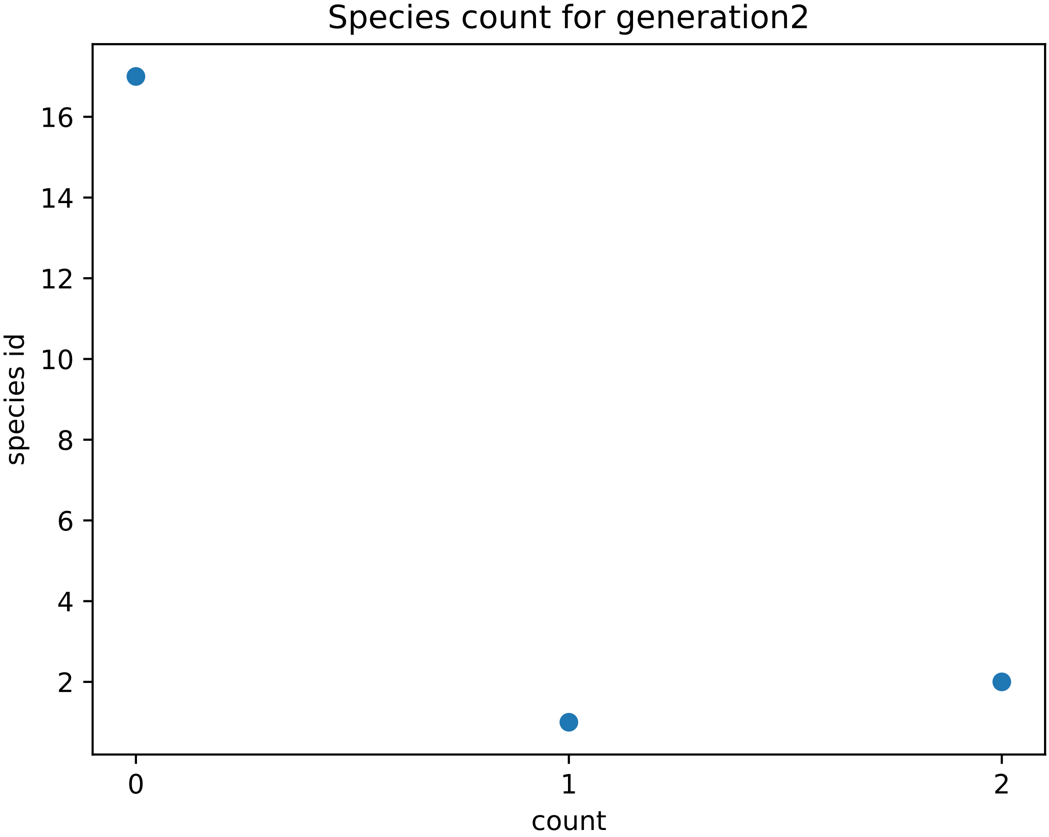

Species features over generation forblueprints
network_depth
generations
25
20
15
10
5
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
0
1
2
3
5
7
8
9
10
11
12
13

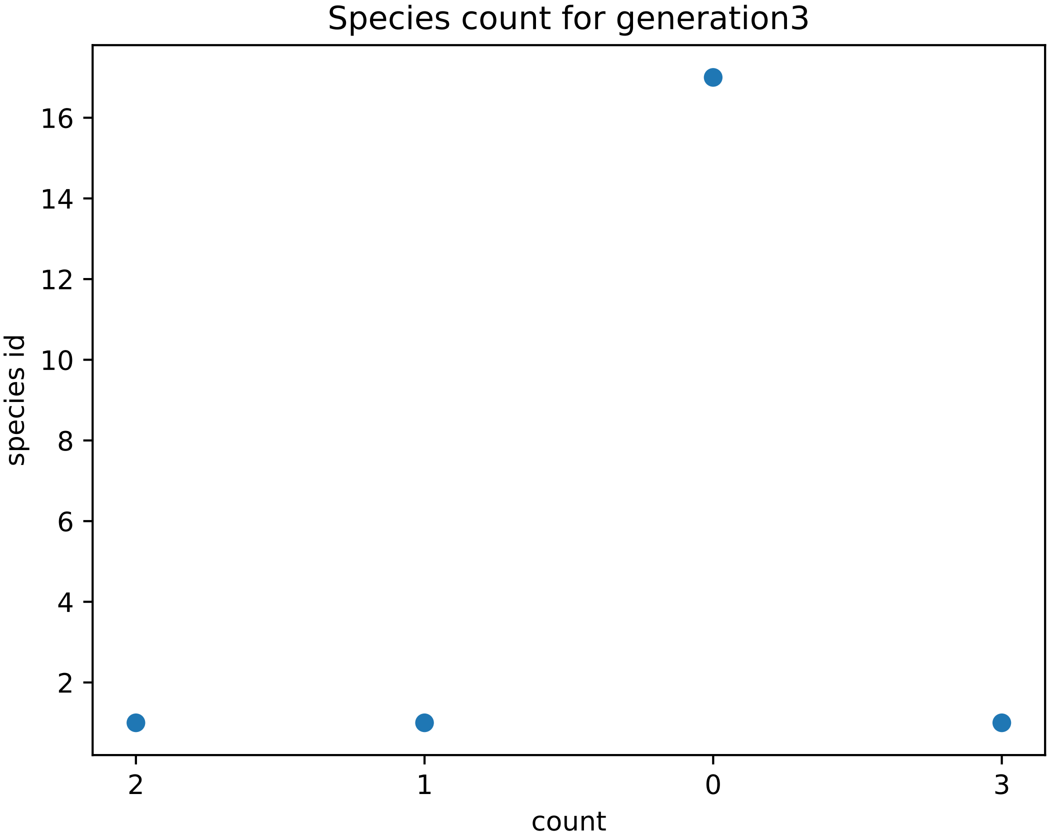

Species features over generation forblueprints
0
1
2
3
5
7
8
9
10
11
12
13
network_width
14
12
10
8
6
4
2
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
generations

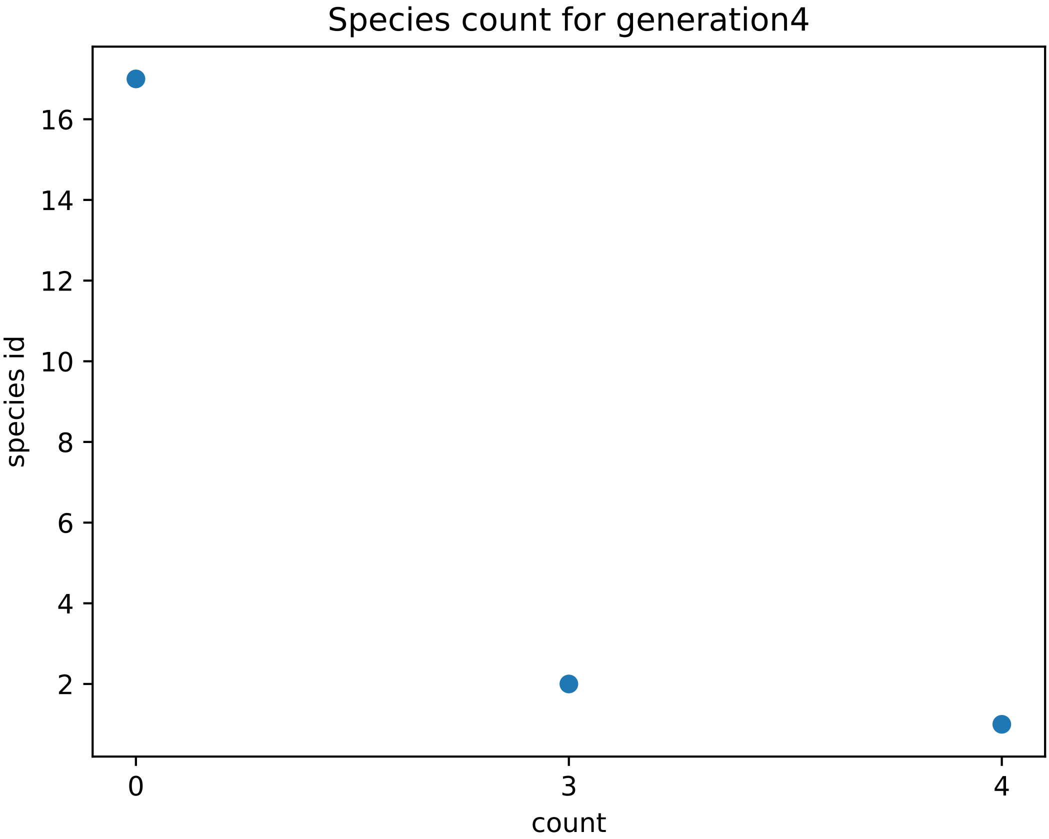

Best fitness vs generations
Fitness values(Accuracy)
0.71
0.70
0.69
0.68
0.67
0.66
0.65
0.64
0.63
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
generation

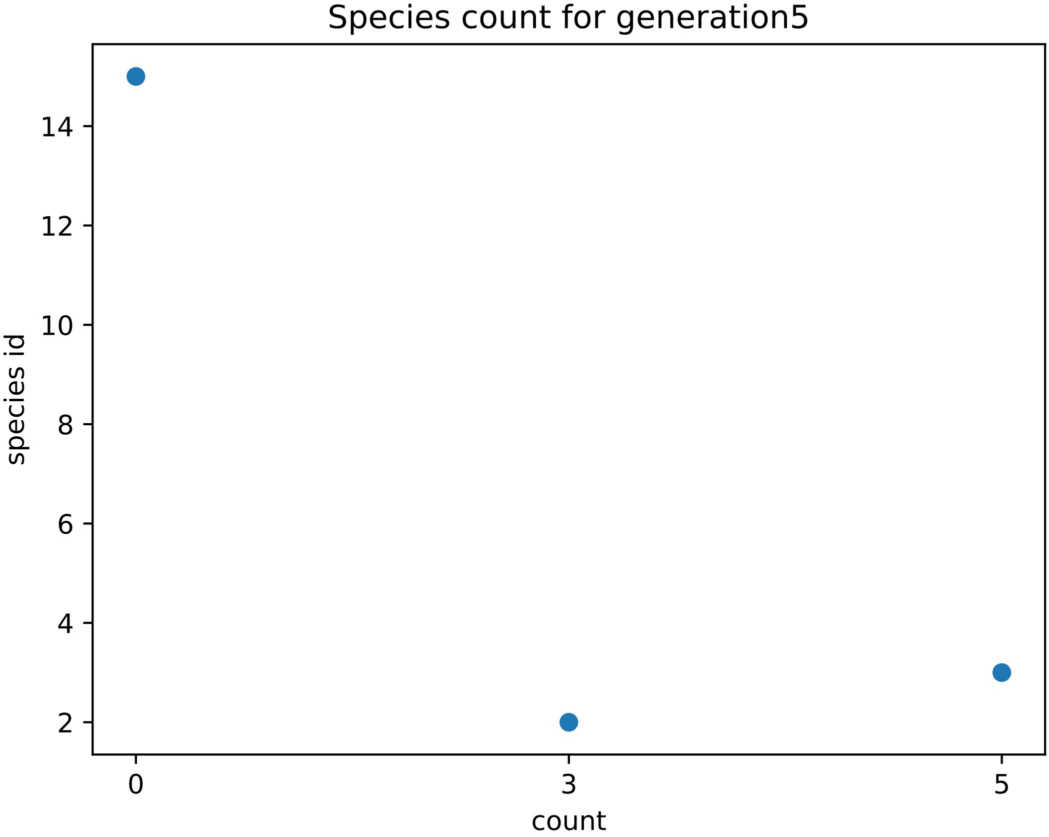
Species count for generation0
species id
17.5
15.0
12.5
10.0
7.5
5.0
2.5
count
0
1

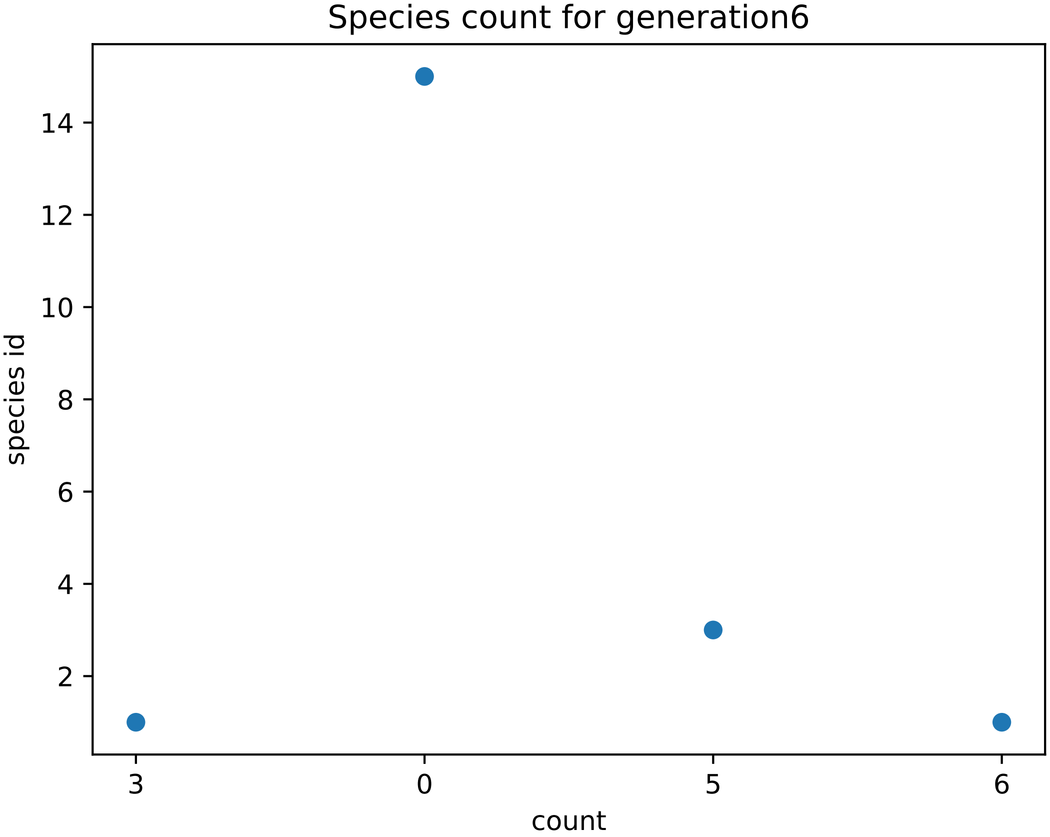

Species count for generation1
species id
16
14
12
10
8
6
4
2
1
0
2
count

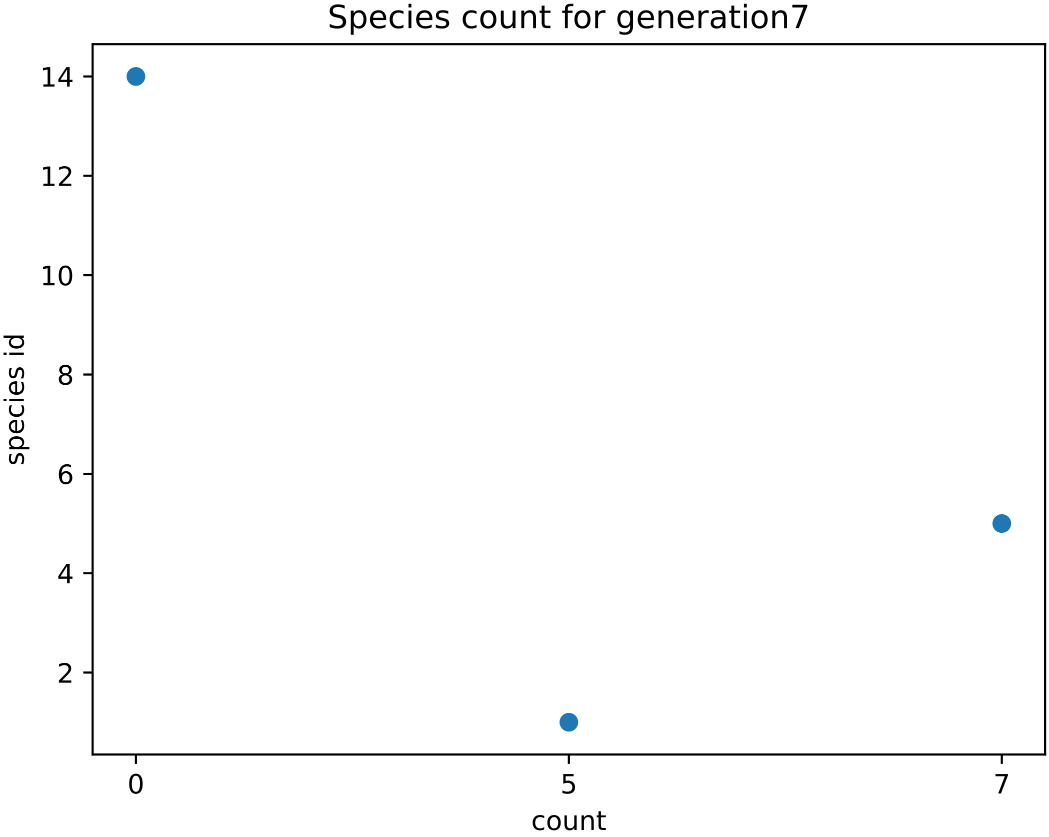

Species count for generation2
species id
16
14
12
10
8
6
4
2
0
1
2
count

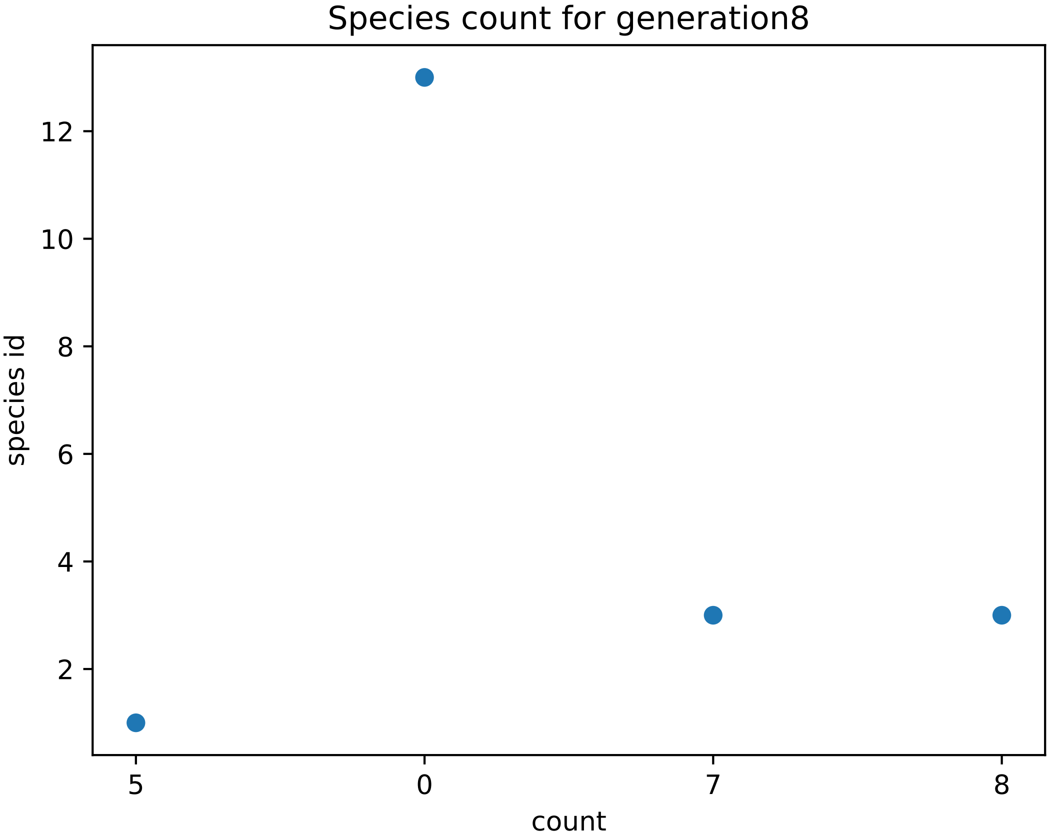

Species count for generation3
species id
16
14
12
10
8
6
4
2
count
2
1
0
3

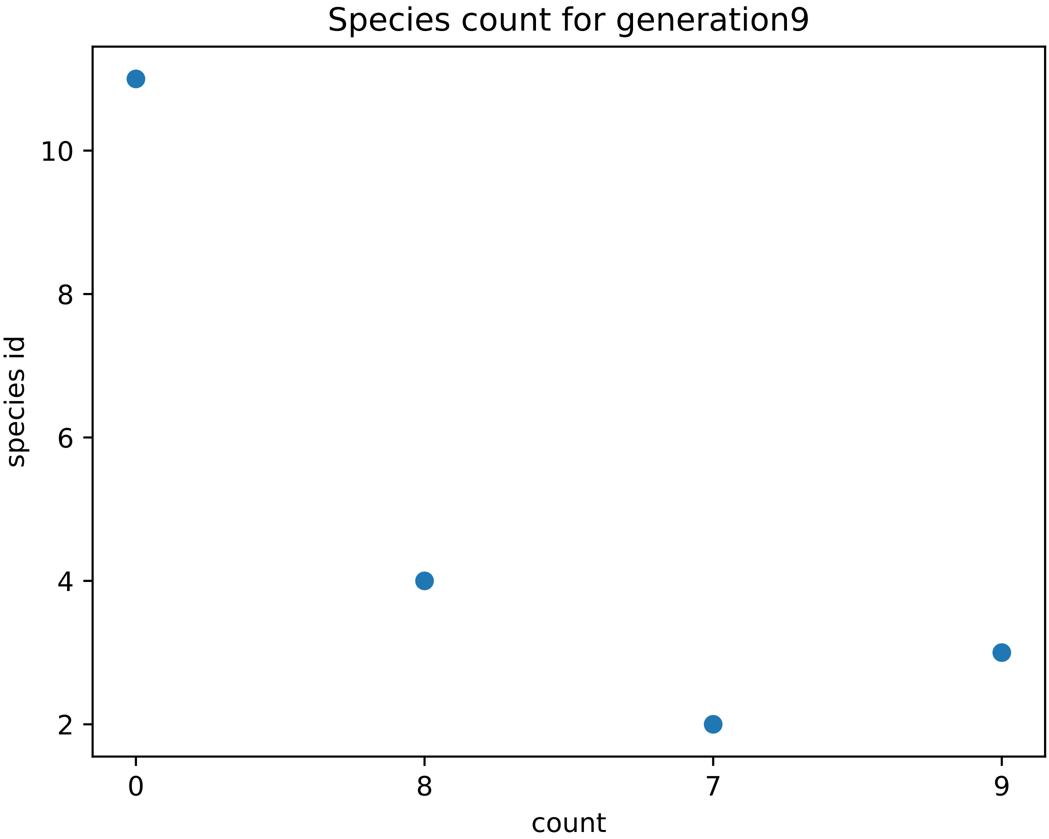

Species count for generation4
species id
16
14
12
10
8
6
4
2
count
0
3
4

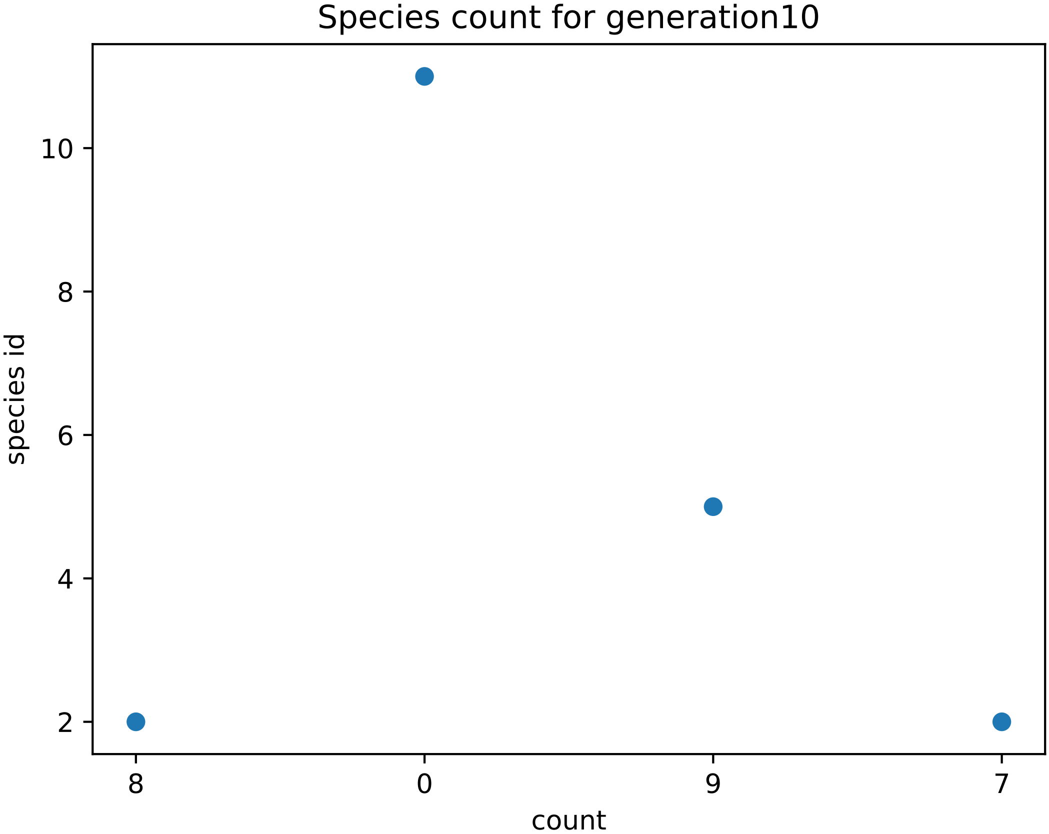

Species count for generation5
species id
14
12
10
8
6
4
2
count
0
3
5

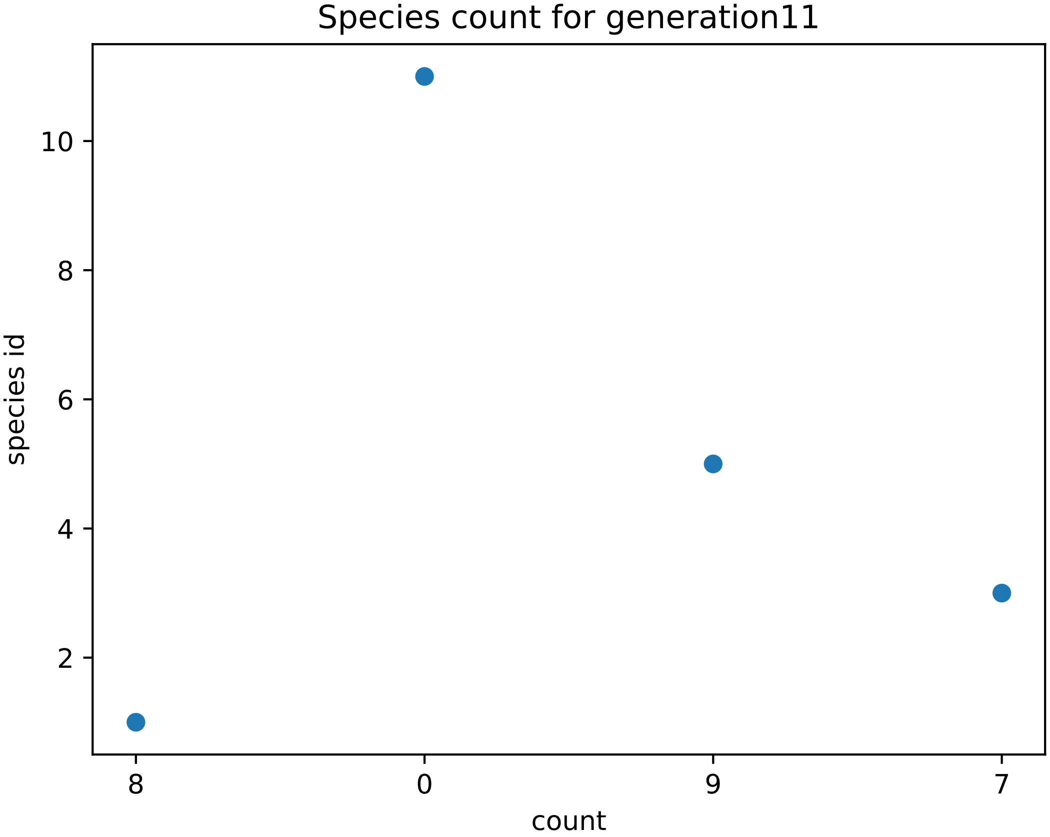

Species count for generation6
species id
14
12
10
8
6
4
2
3
0
5
6
count

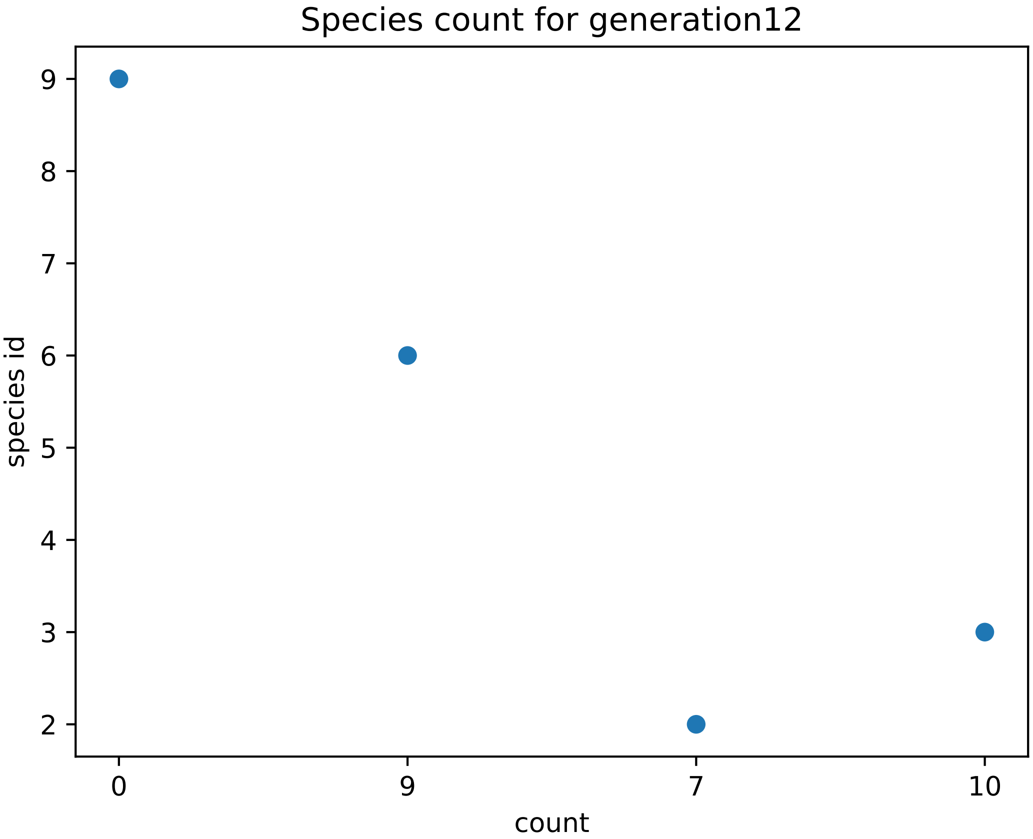

Species count for generation7
species id
14
12
10
8
6
4
2
count
0
5
7

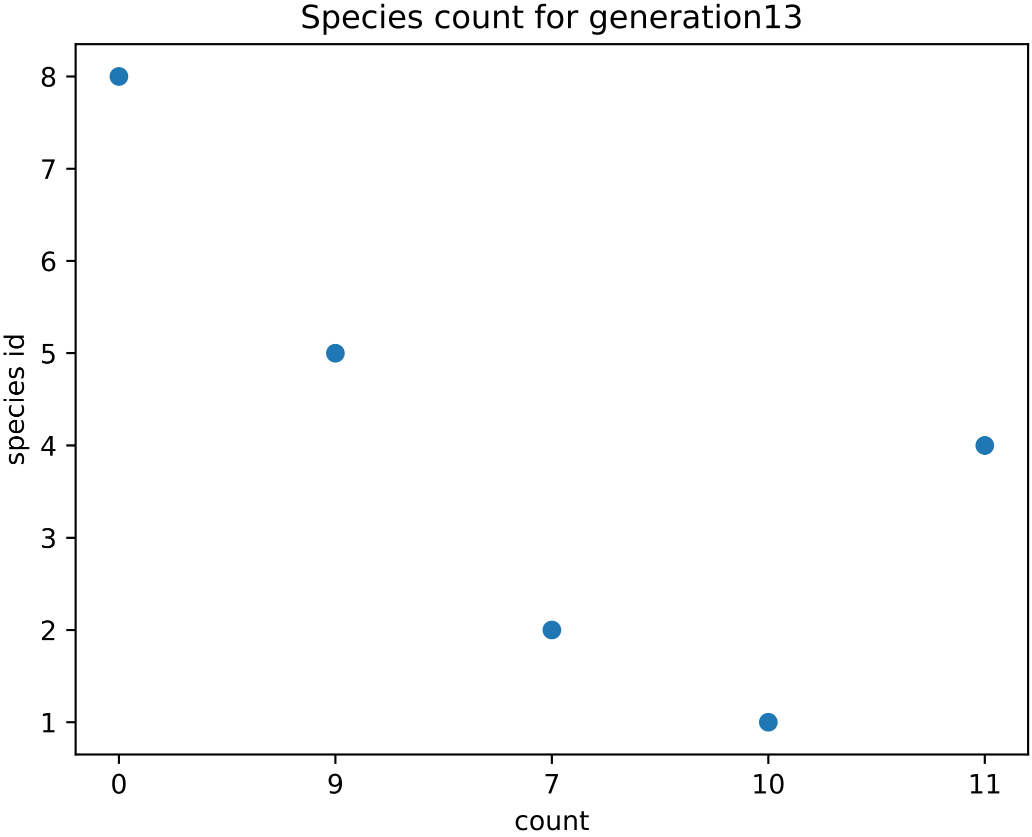

Species count for generation8
species id
12
10
8
6
4
2
5
0
7
8
count

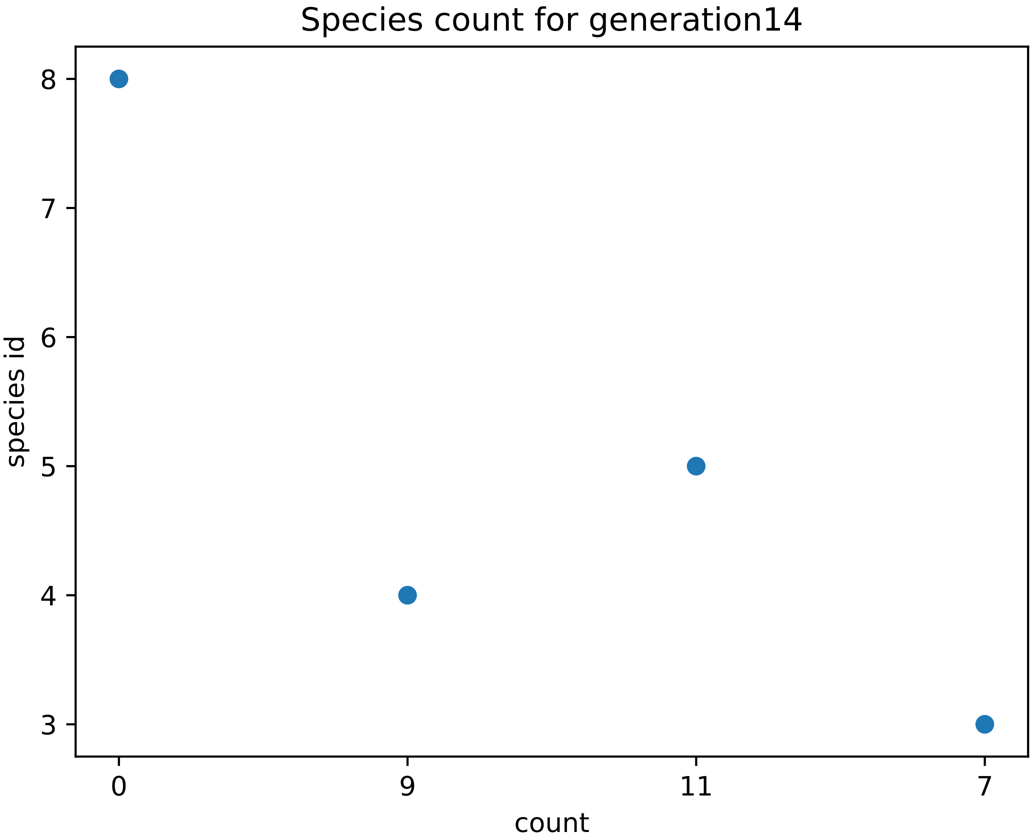

Species count for generation9
species id
10
8
6
4
2
0
8
7
9
count

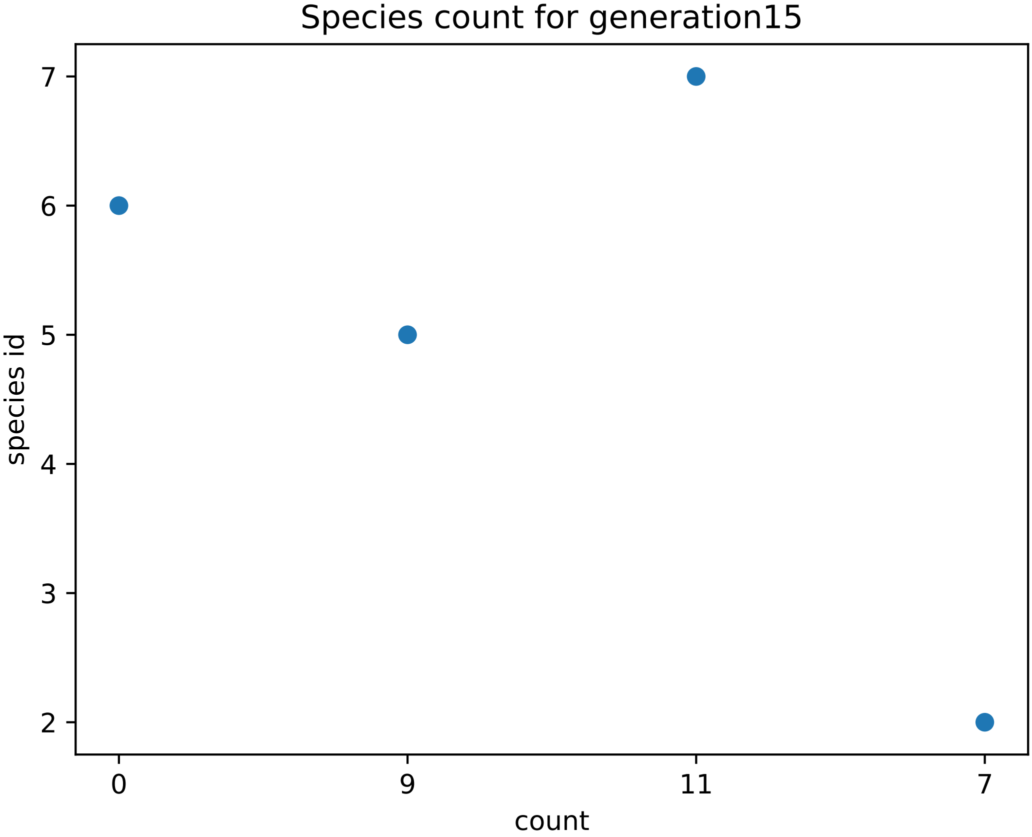

Species count for generation10
species id
10
8
6
4
2
count
8
0
9
7

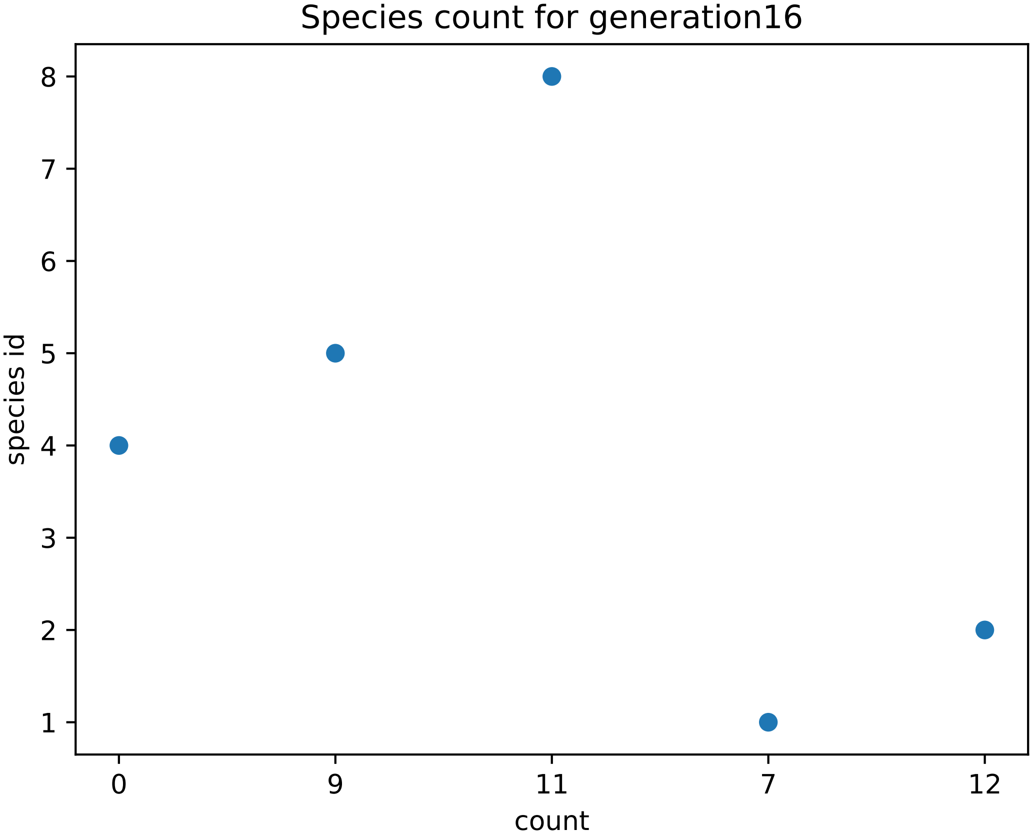

Species count for generation11
species id
count
10
8
6
4
2
8
0
9
7

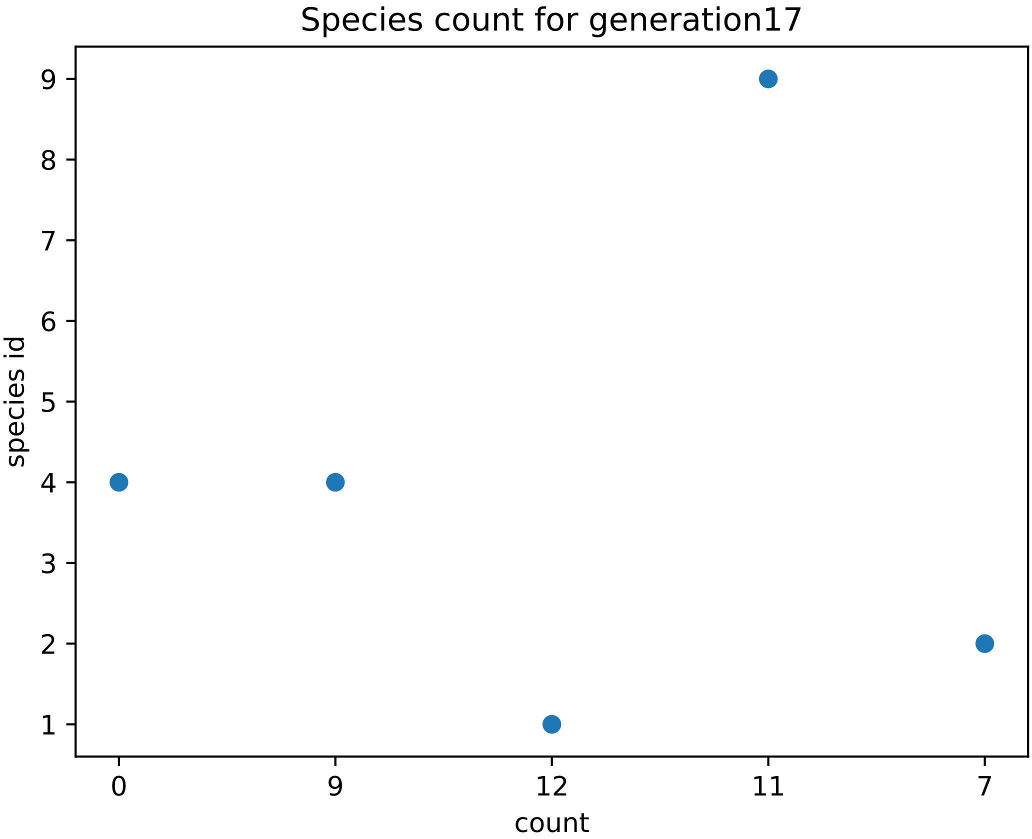

Species count for generation12
species id
9
8
7
6
5
4
3
2
0
9
7
10
count

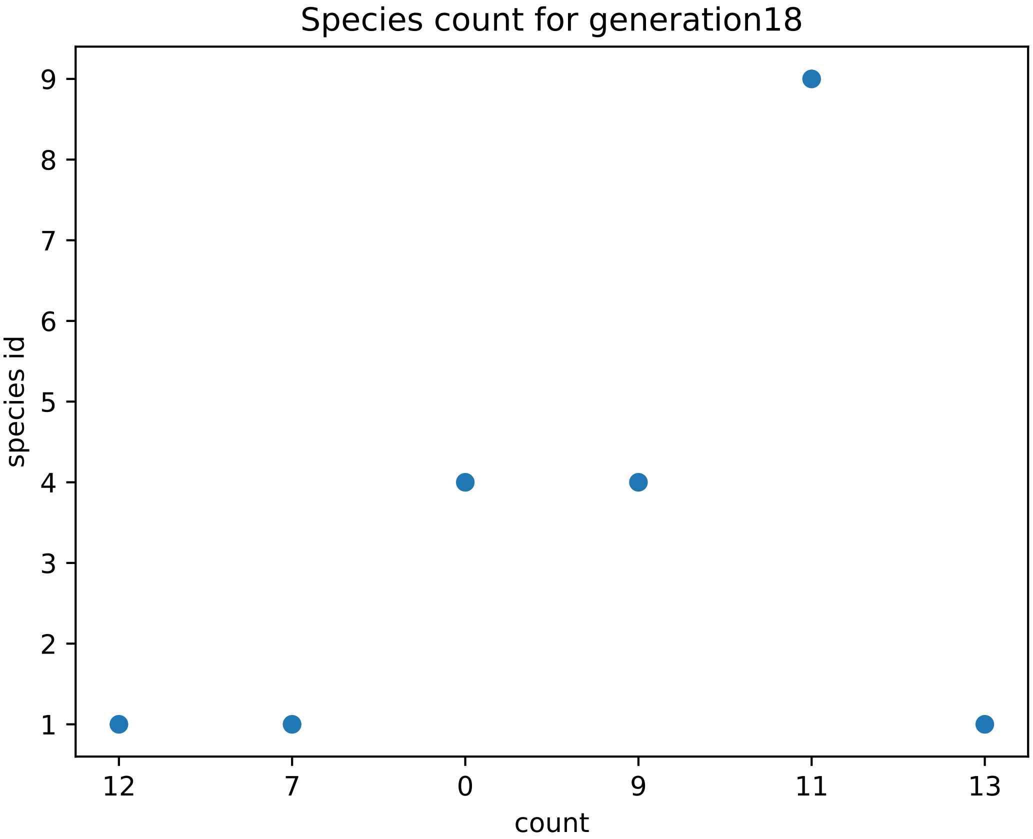

Species count for generation13
species id
8
7
6
5
4
3
2
1
0
9
7
10
11
count

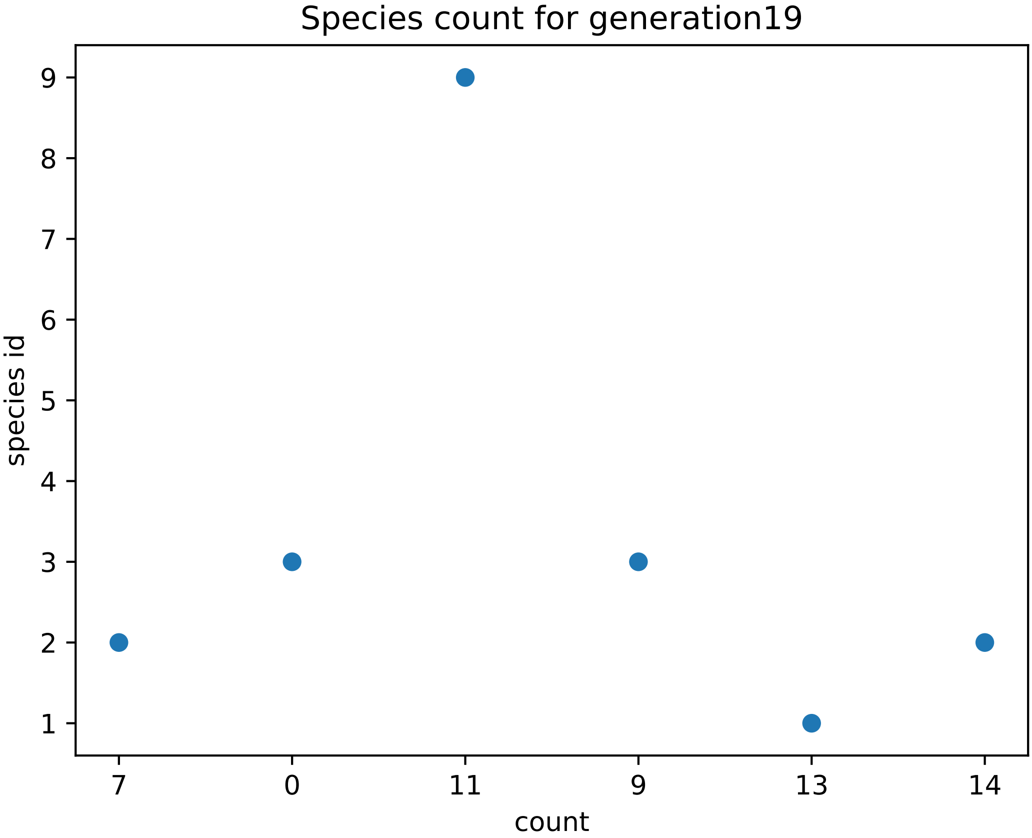

Species count for generation14
species id
8
7
6
5
4
3
count
0
9
11
7

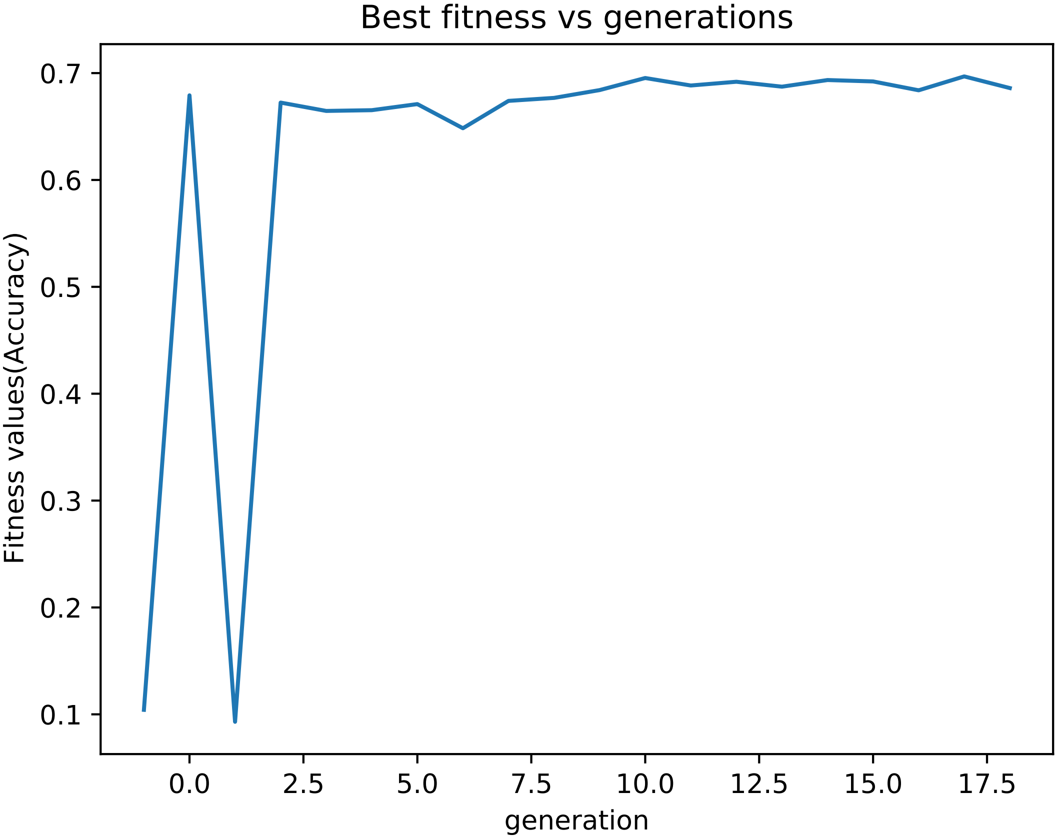

Species count for generation15
species id
7
6
5
4
3
2
0
9
11
7
count

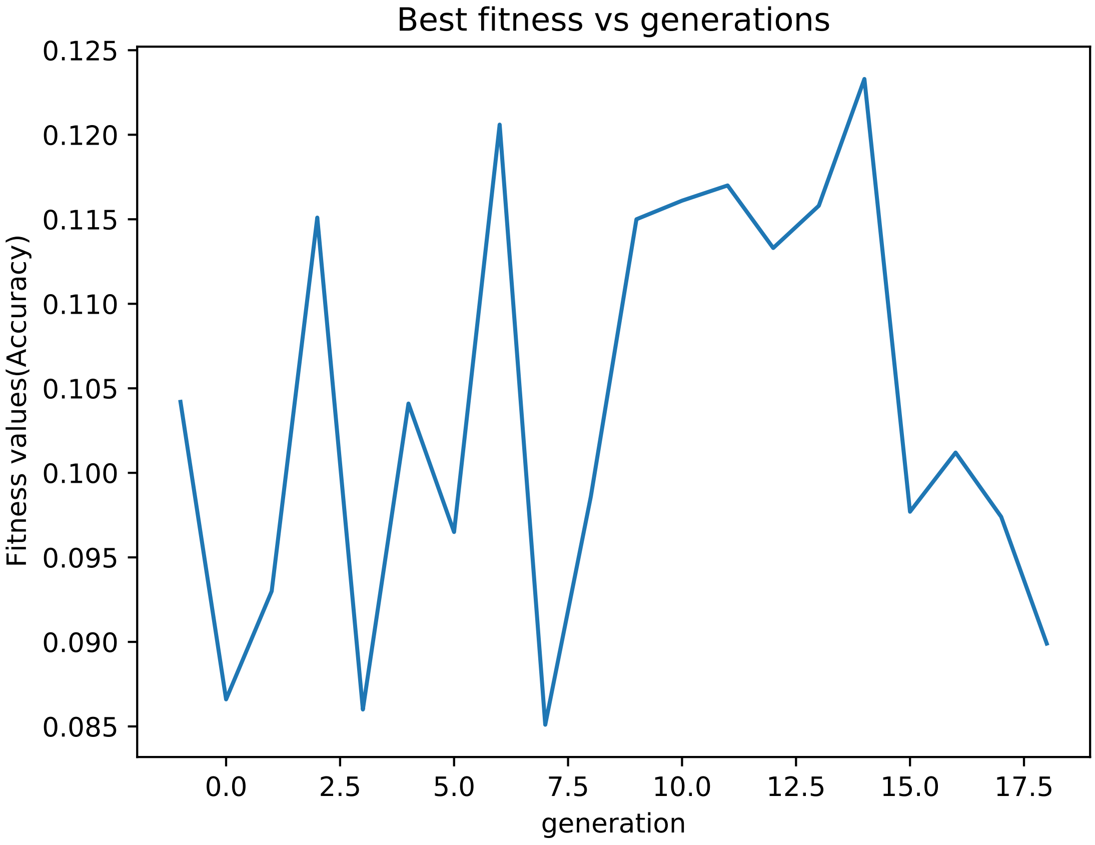

Species count for generation16
species id
8
7
6
5
4
3
2
1
0
9
11
7
12
count


Species count for generation17
species id
9
8
7
6
5
4
3
2
1
0
9
12
11
7
count


Species count for generation18
species id
9
8
7
6
5
4
3
2
1
12
7
0
9
11
13
count


Species count for generation19
species id
9
8
7
6
5
4
3
2
1
count
7
0
11
9
13
14


Best fitness vs generations
Fitness values(Accuracy)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
generation


Best fitness vs generations
0.125
0.120
0.115
0.110
0.105
0.100
0.095
0.090
0.085
Fitness values(Accuracy)
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
generation