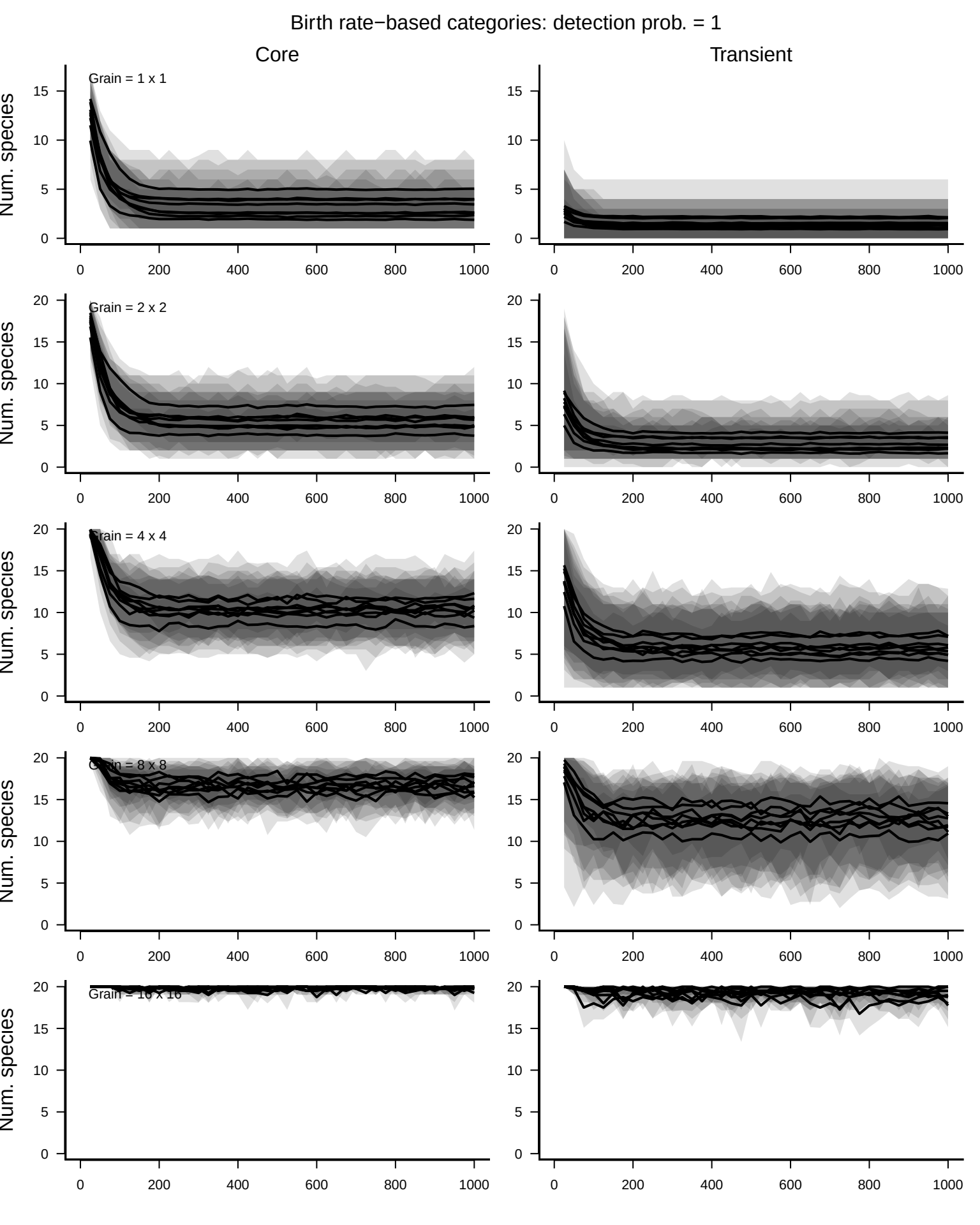
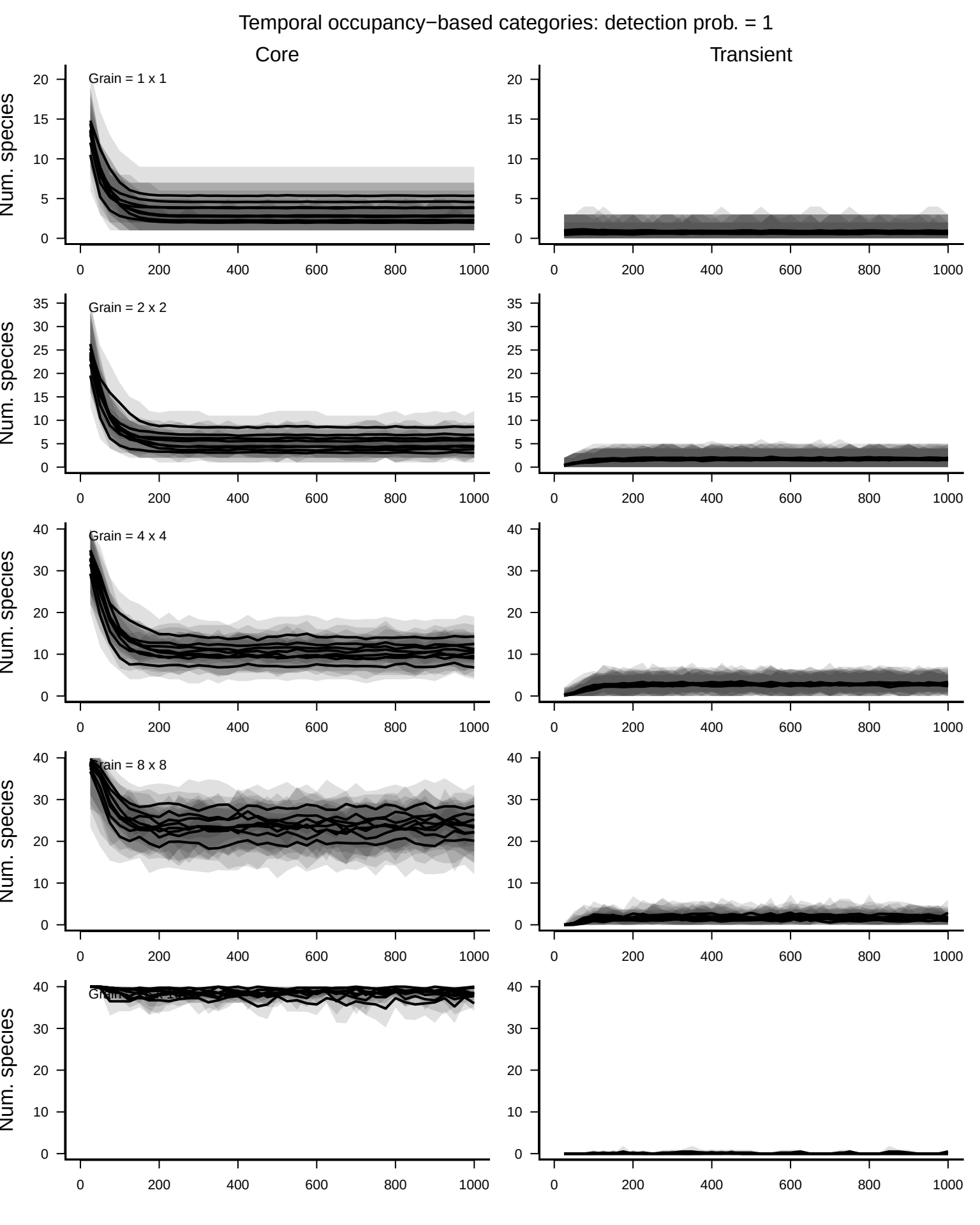
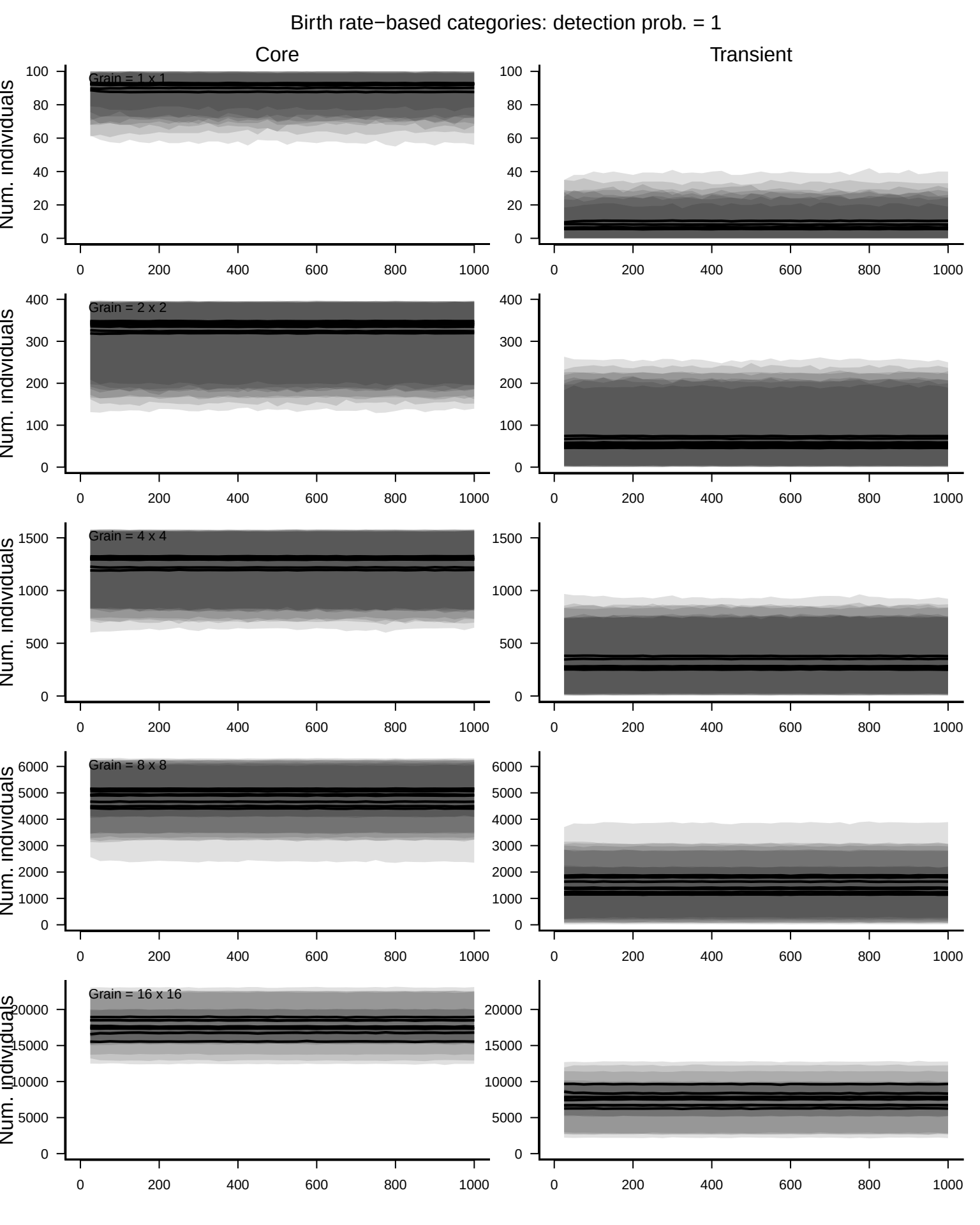
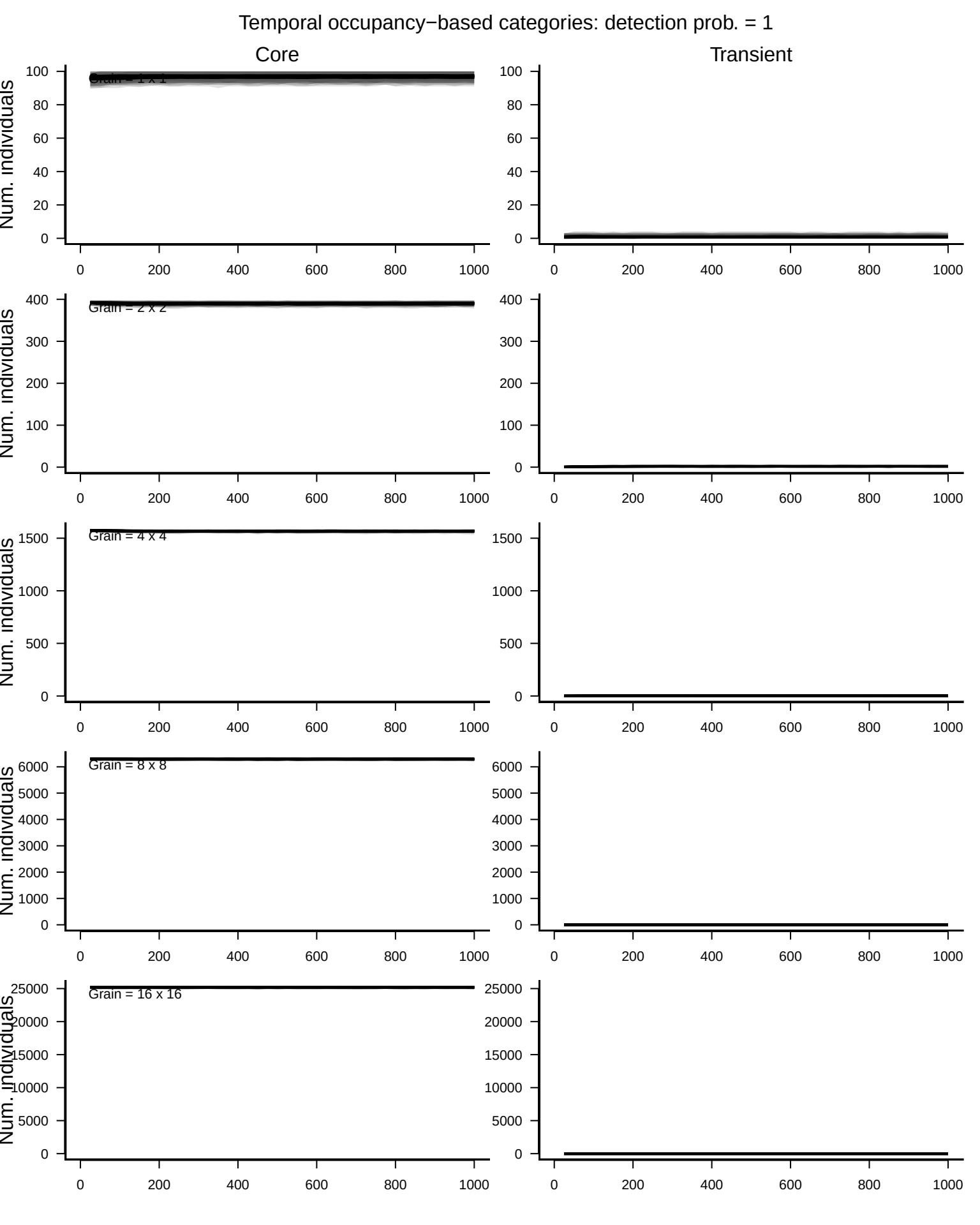
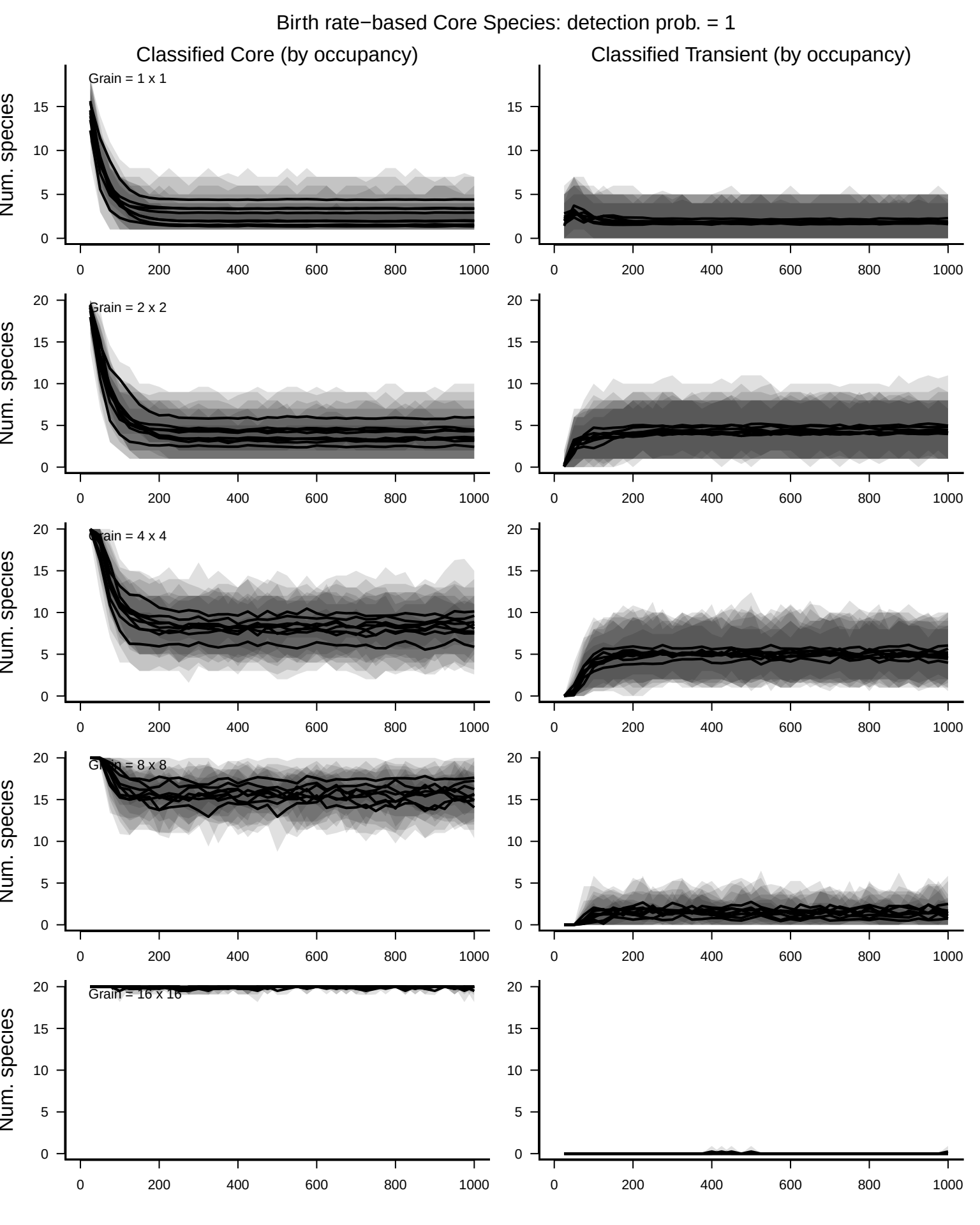
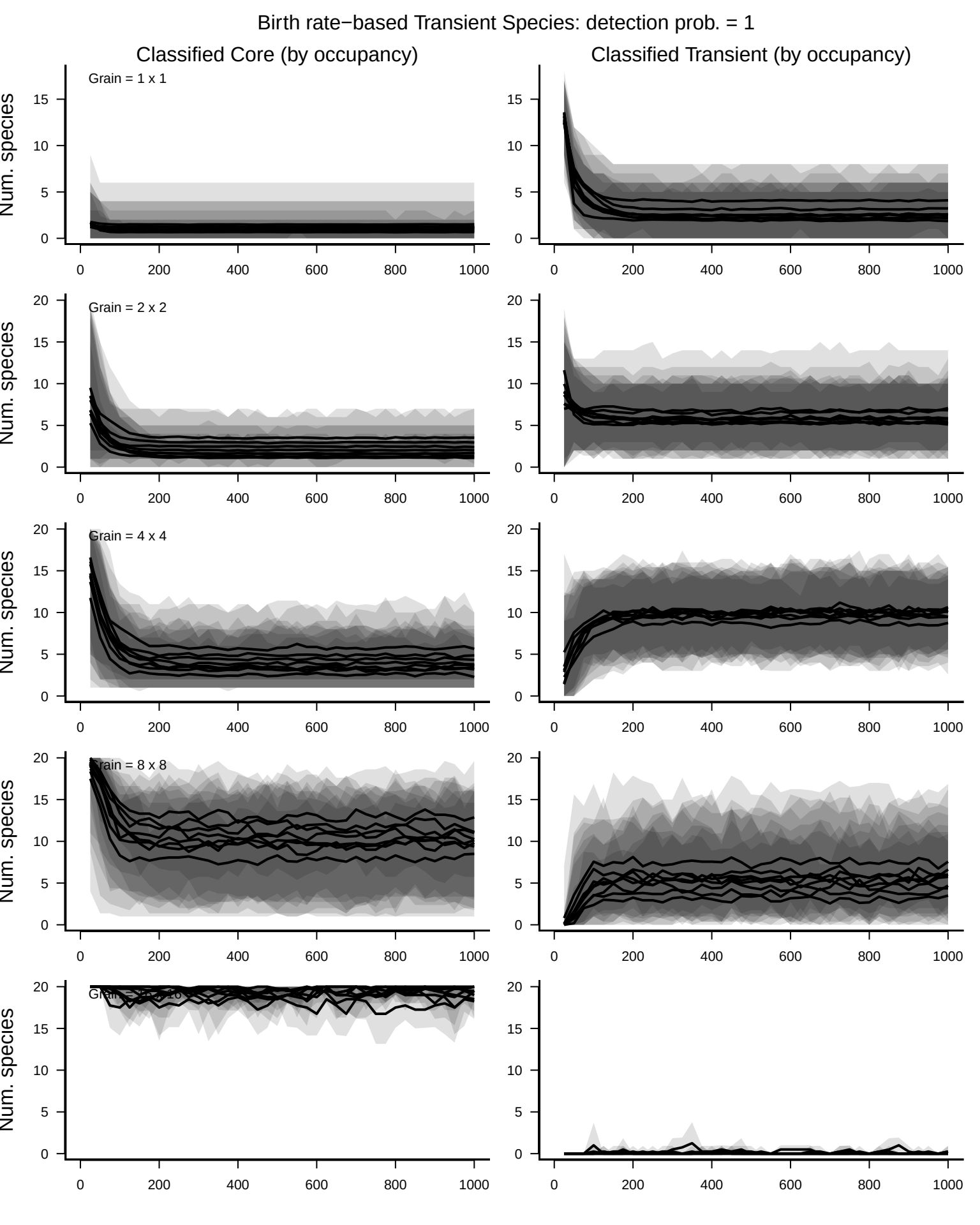

Birth rate−based categories: detection prob. = 1
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species
0
5
10
15
20
0
200
400
600
800
1000

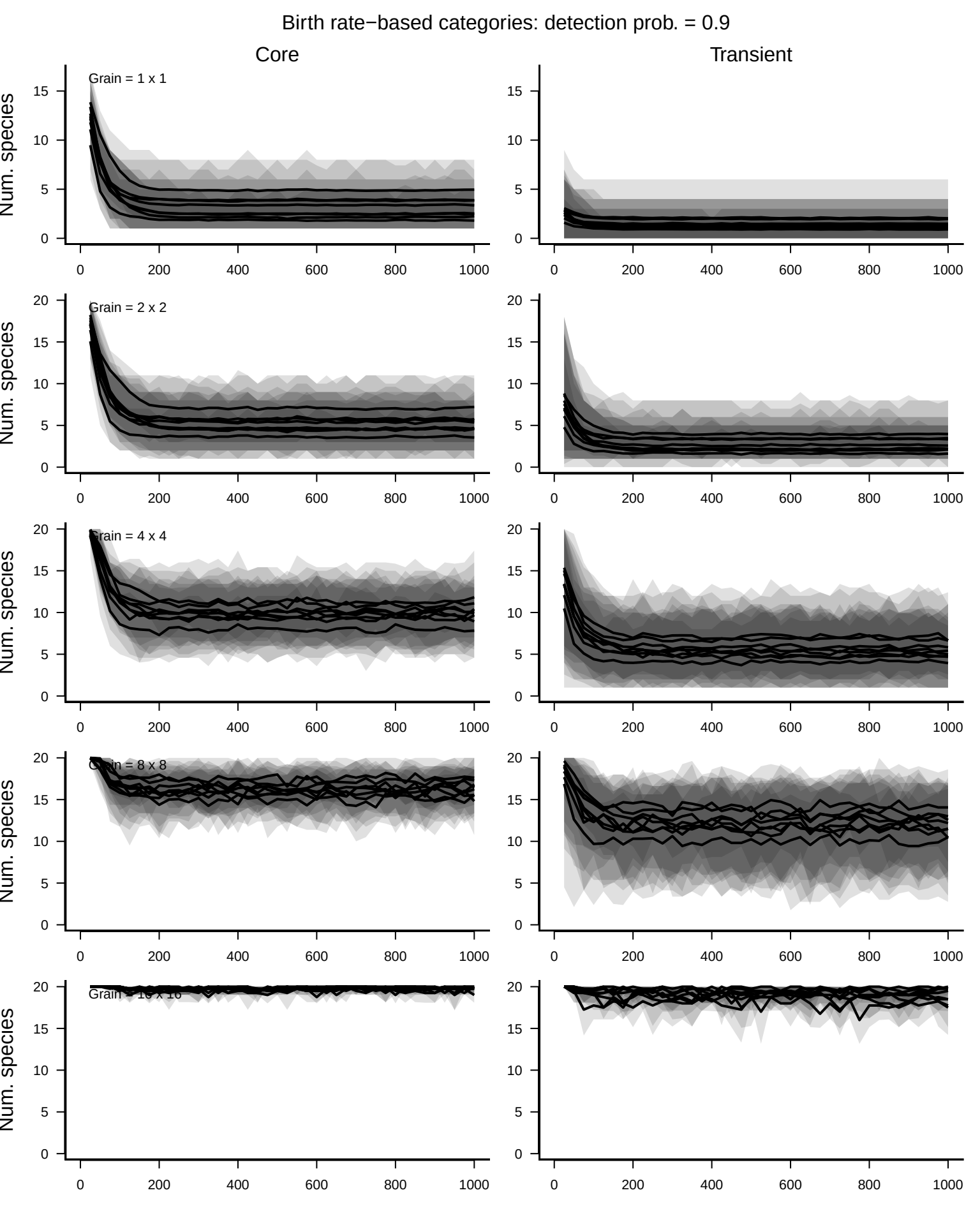

Temporal occupancy−based categories: detection prob. = 1
Core
Transient
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
25
30
35
40
200
400
600
800
1000

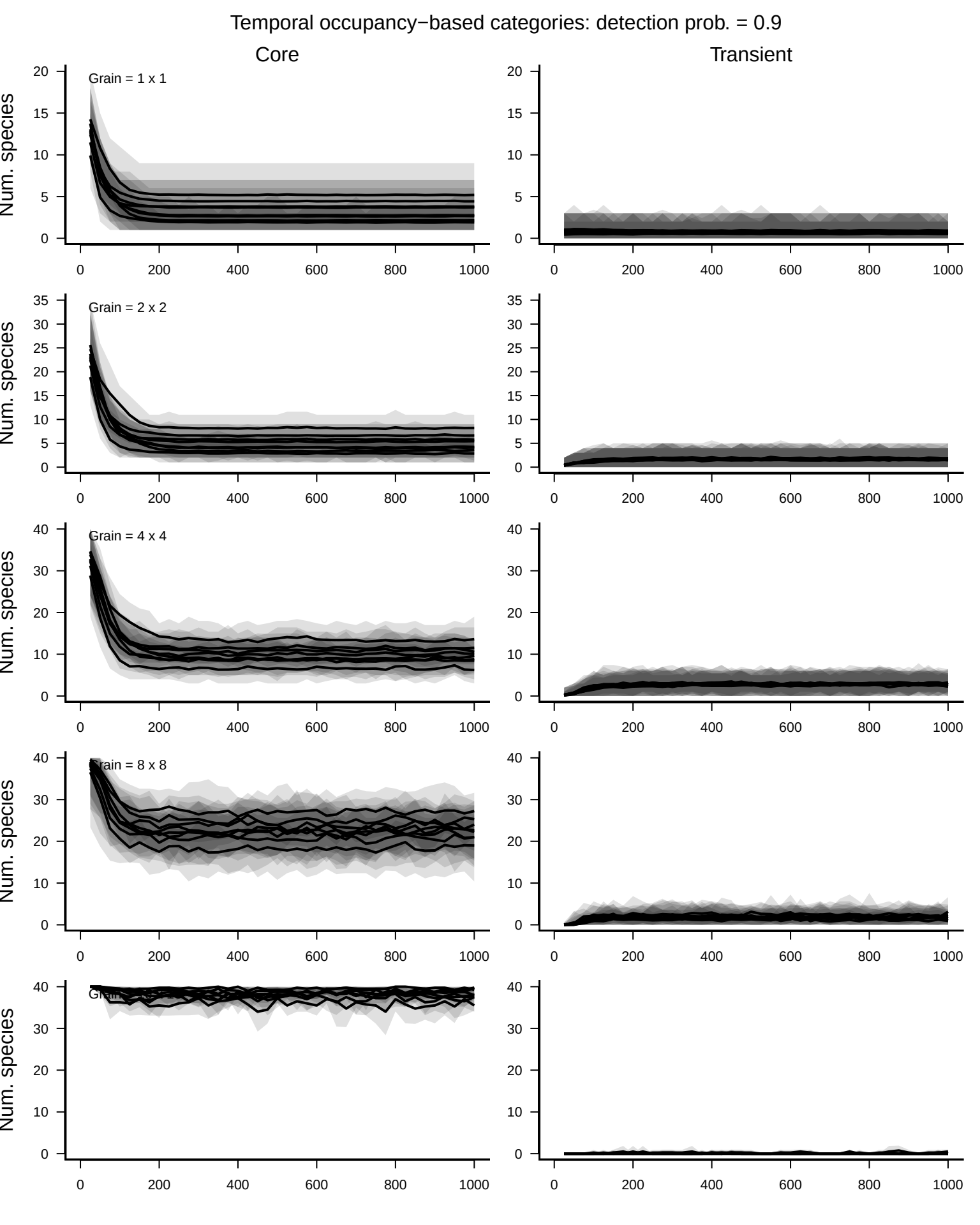

Birth rate−based categories: detection prob. = 1
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

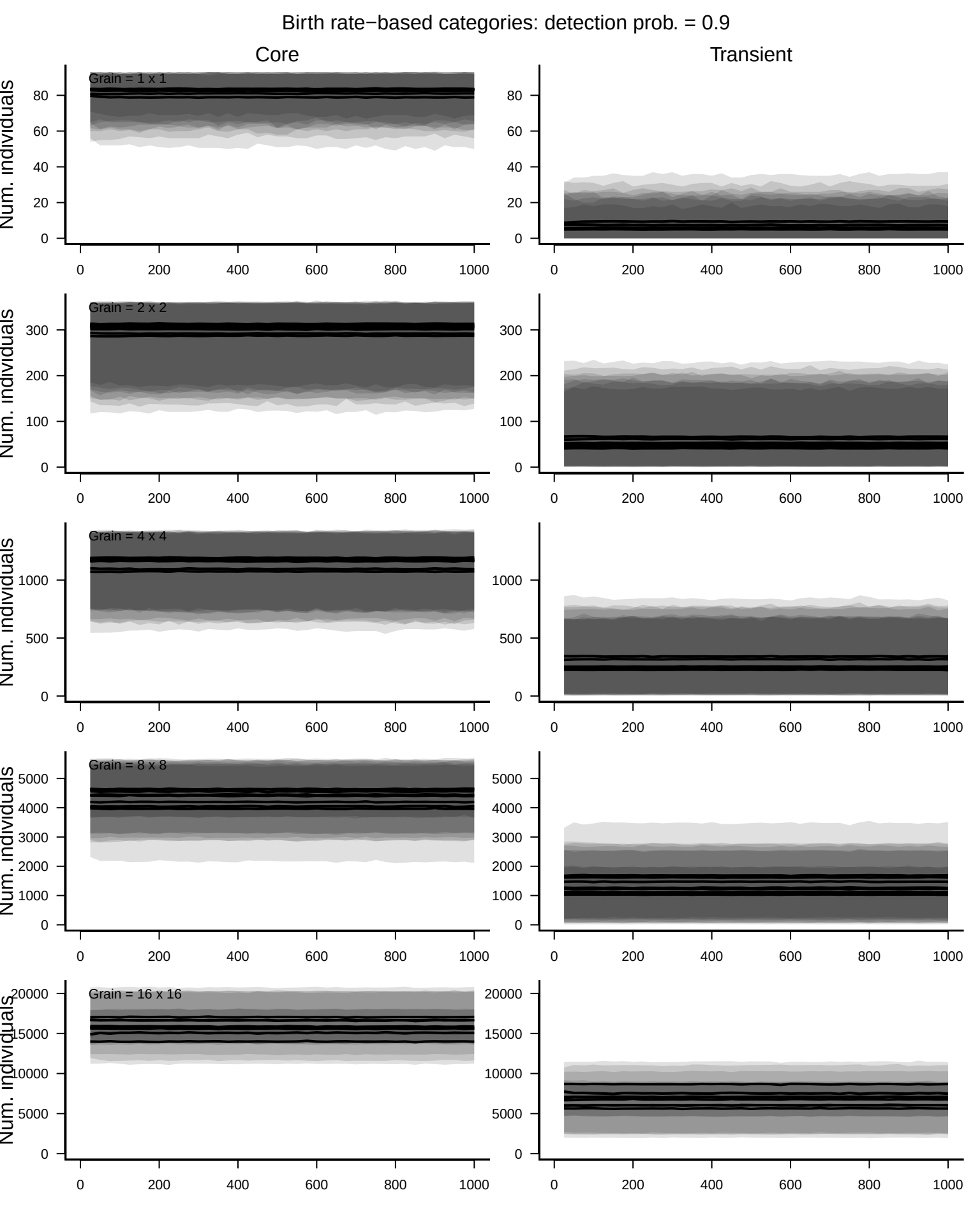

Temporal occupancy−based categories: detection prob. = 1
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16

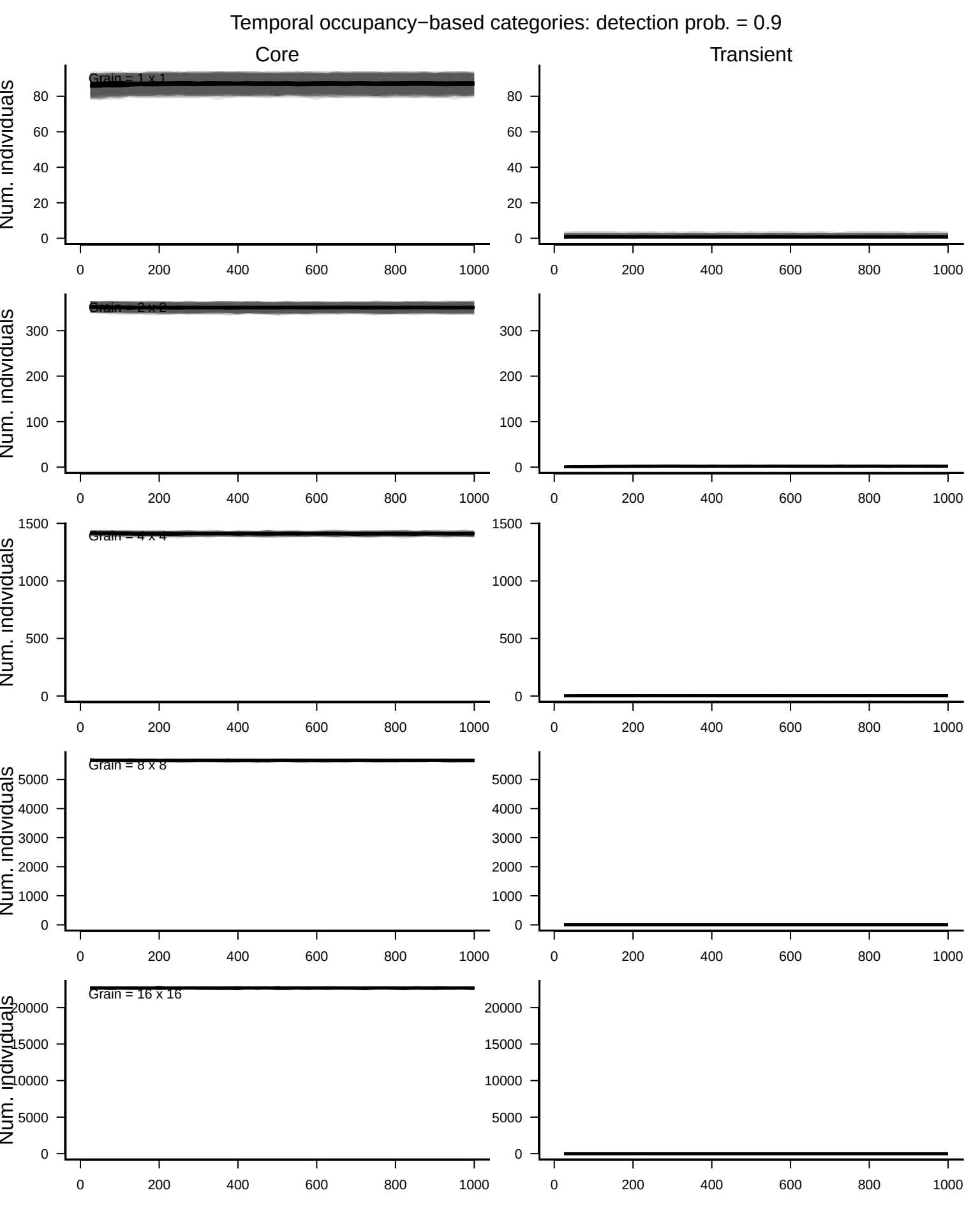

Birth rate−based Core Species: detection prob. = 1
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
5
10
15
20
0
200
400
600
800
1000

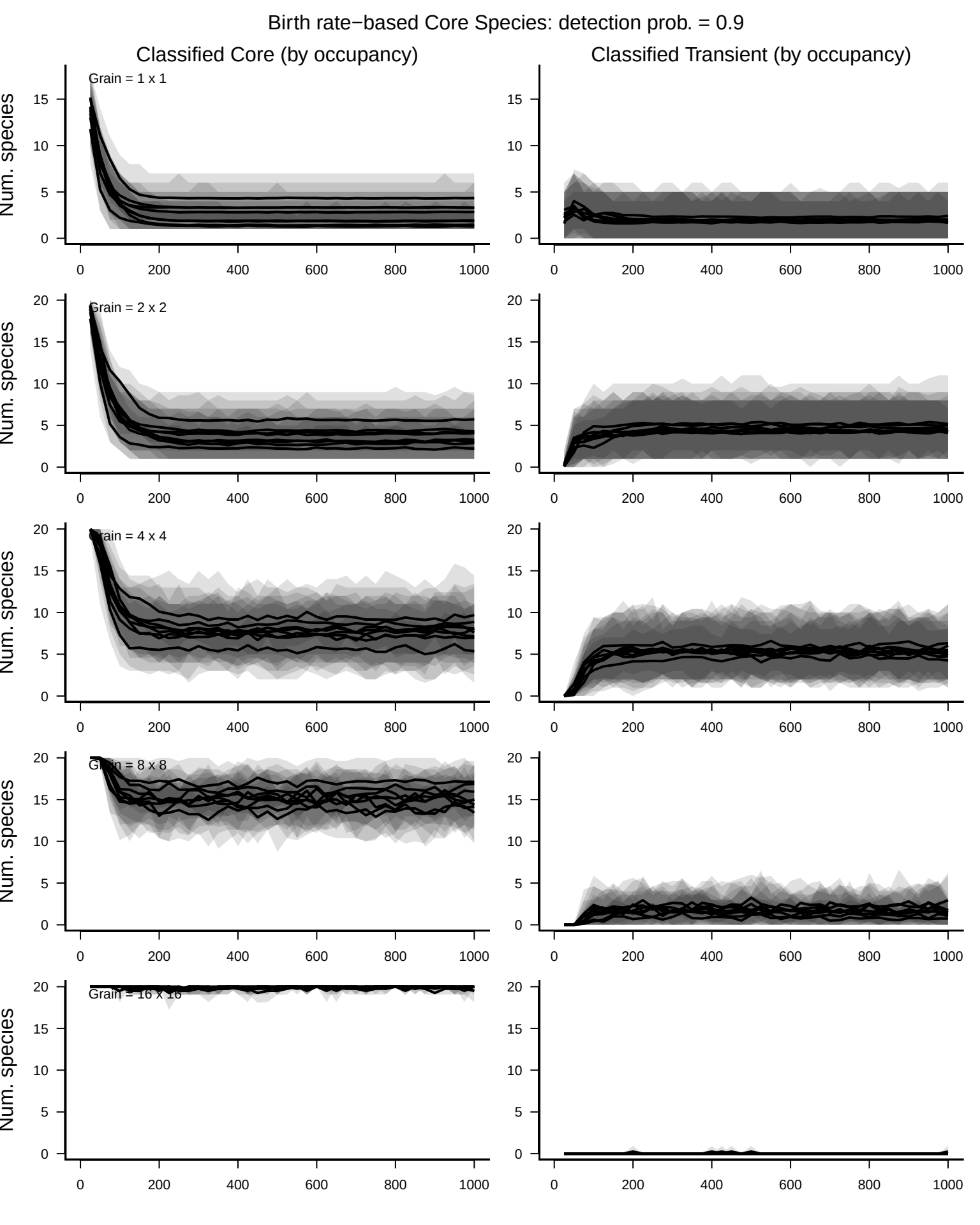

Birth rate−based Transient Species: detection prob. = 1
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
200
400
600
800
1000

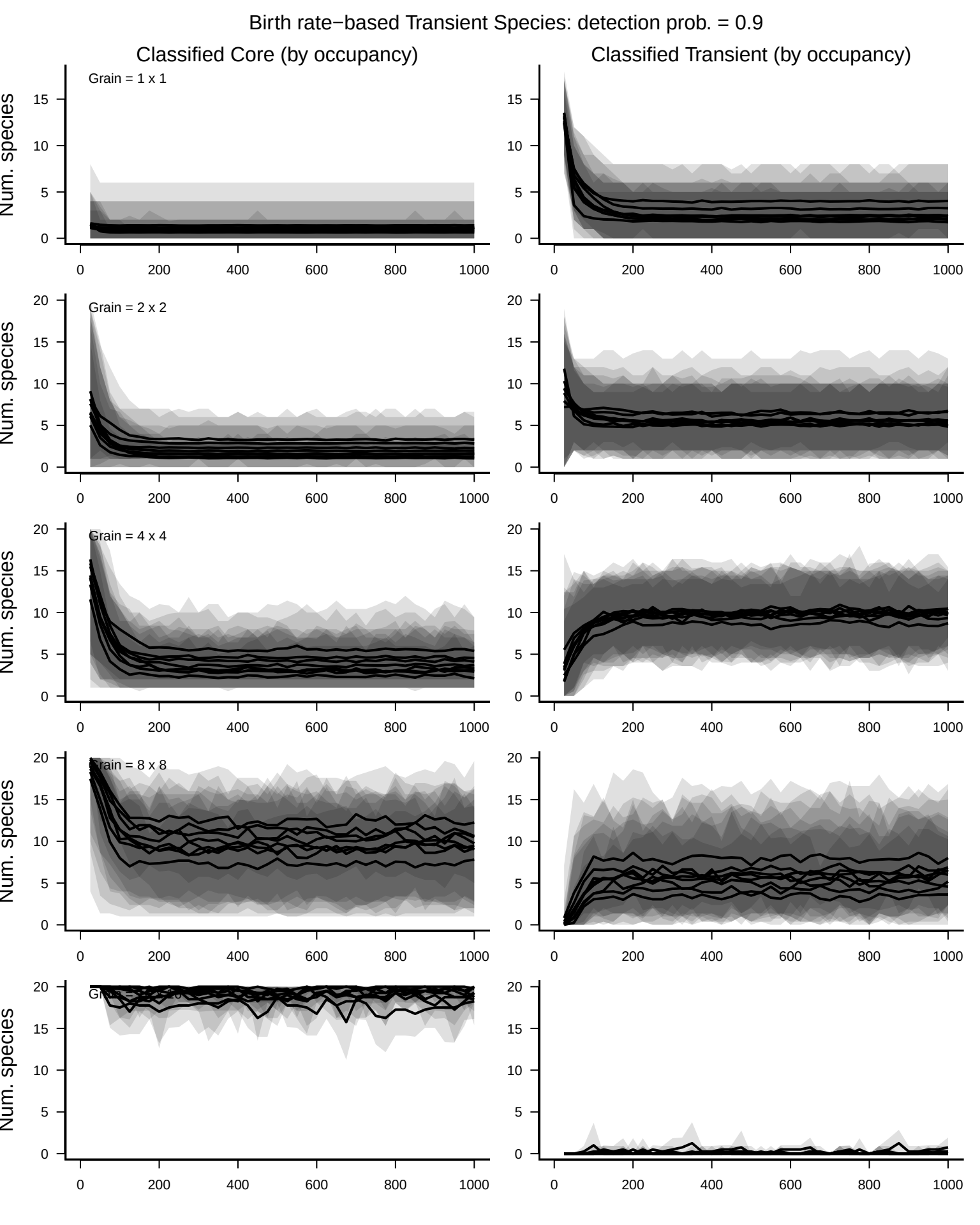

Birth rate−based categories: detection prob. = 0.9
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Num. species
0
5
10
15
20
0
200
400
600
800
1000

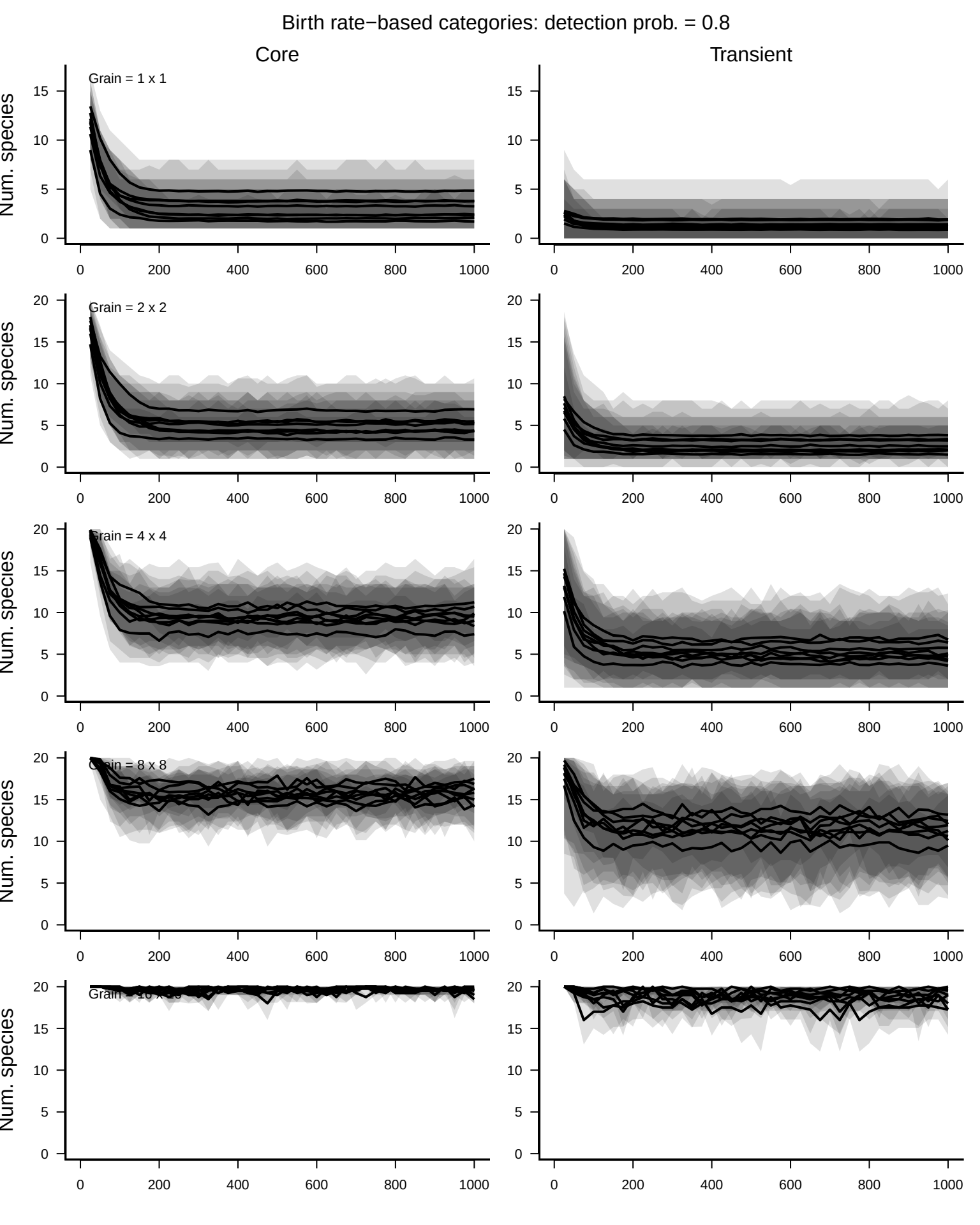

Temporal occupancy−based categories: detection prob. = 0.9
Core
Transient
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
25
30
35
40
200
400
600
800
1000

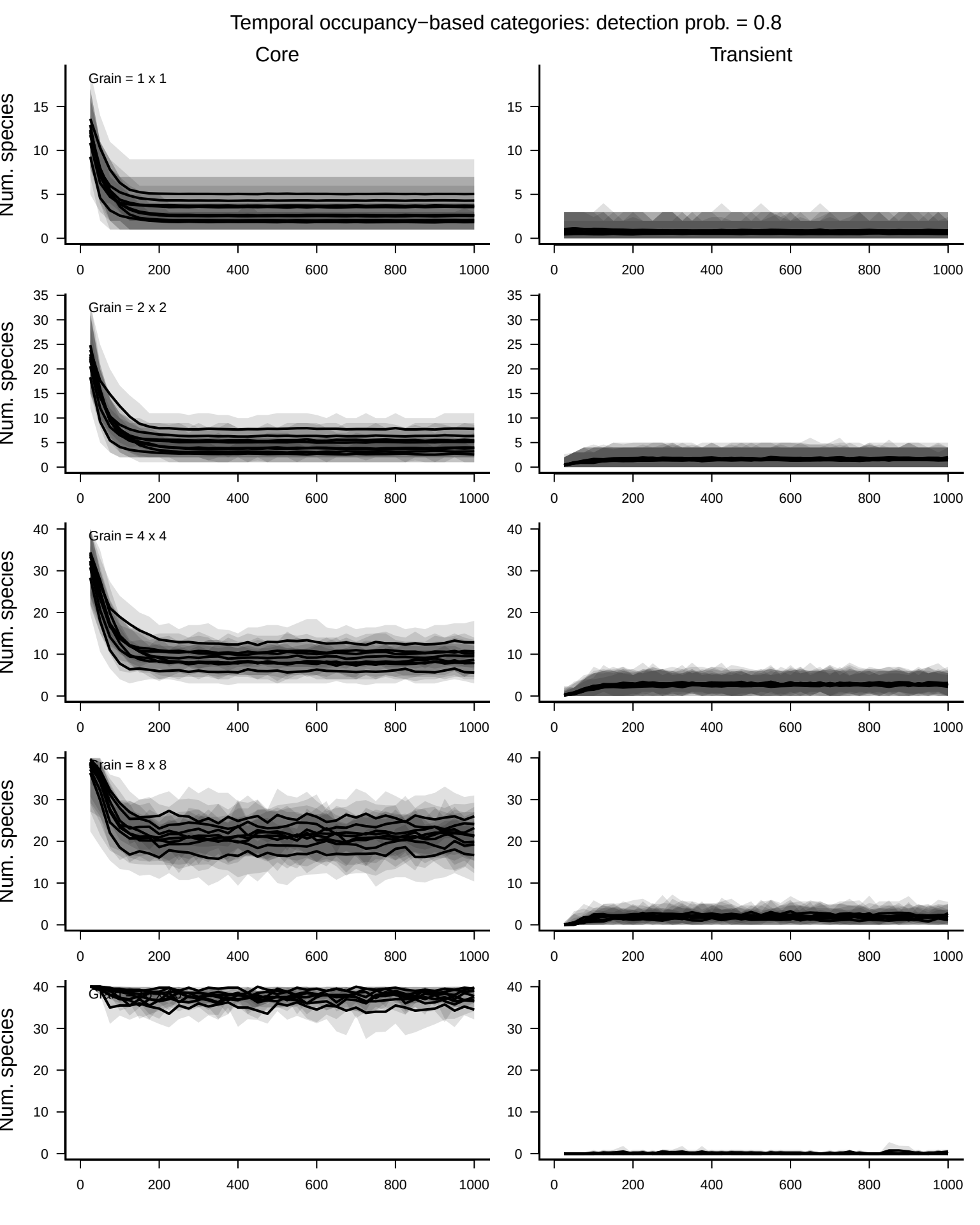

Birth rate−based categories: detection prob. = 0.9
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. individuals
0
20
40
60
80
100
200
300
500
1000
2000
3000
4000
5000
10000
15000
20000
0
200
400
600
800
1000

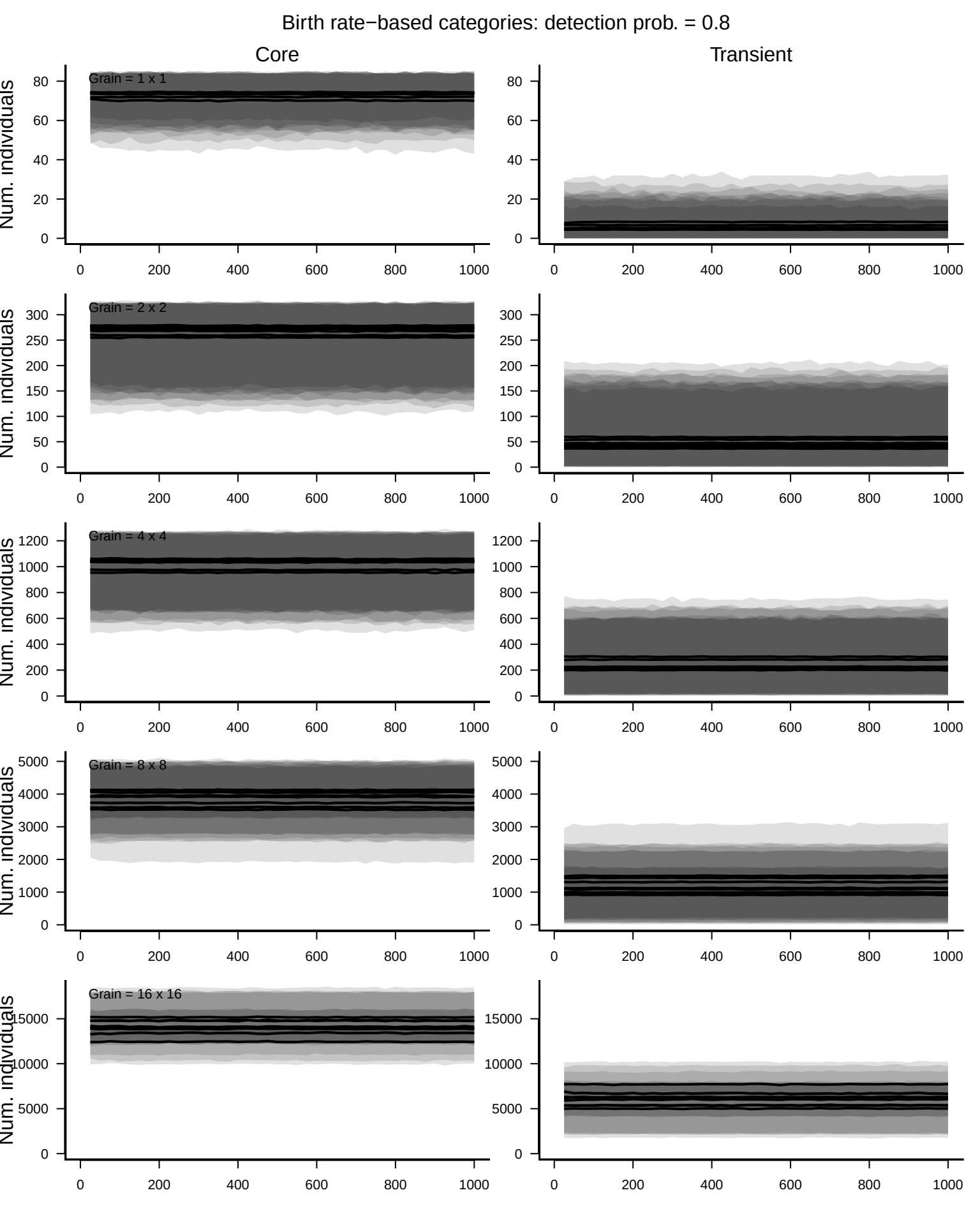

Temporal occupancy−based categories: detection prob. = 0.9
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

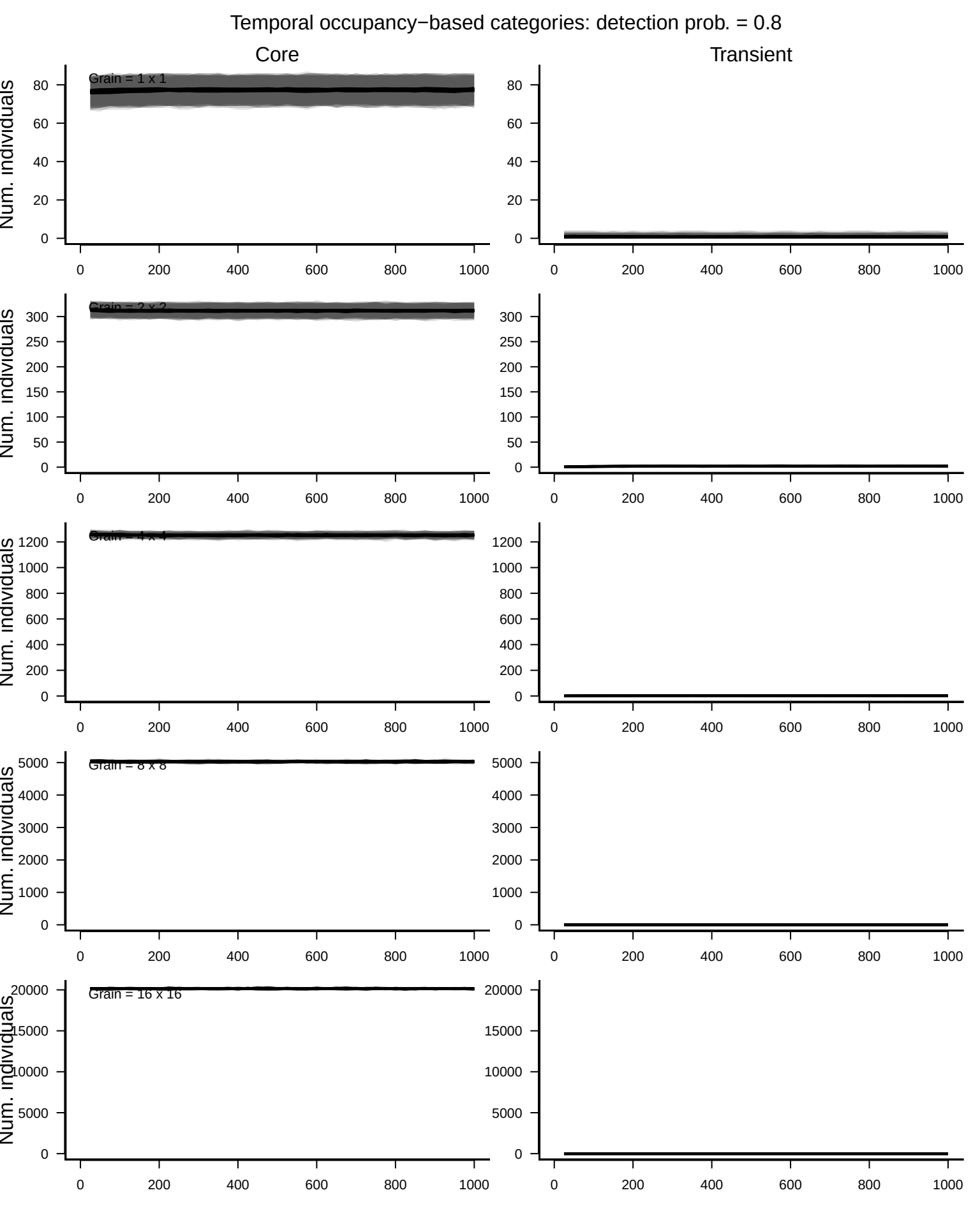

Birth rate−based Core Species: detection prob. = 0.9
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
5
10
15
20
0
200
400
600
800
1000

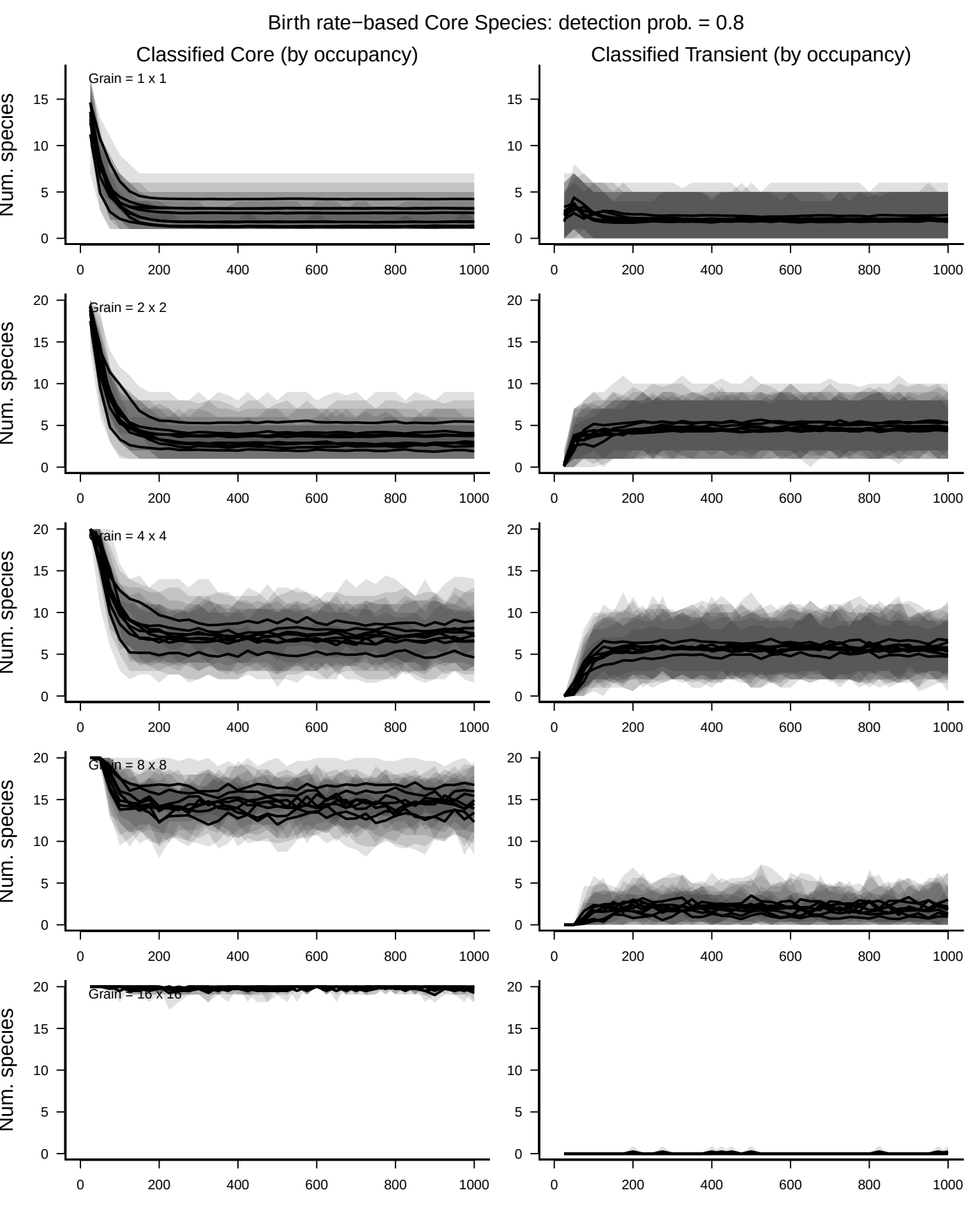

Birth rate−based Transient Species: detection prob. = 0.9
Classified Core (by occupancy)
Classified Transient (by occupancy)
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Num. species
0
5
10
15
20
0
200
400
600
800
1000

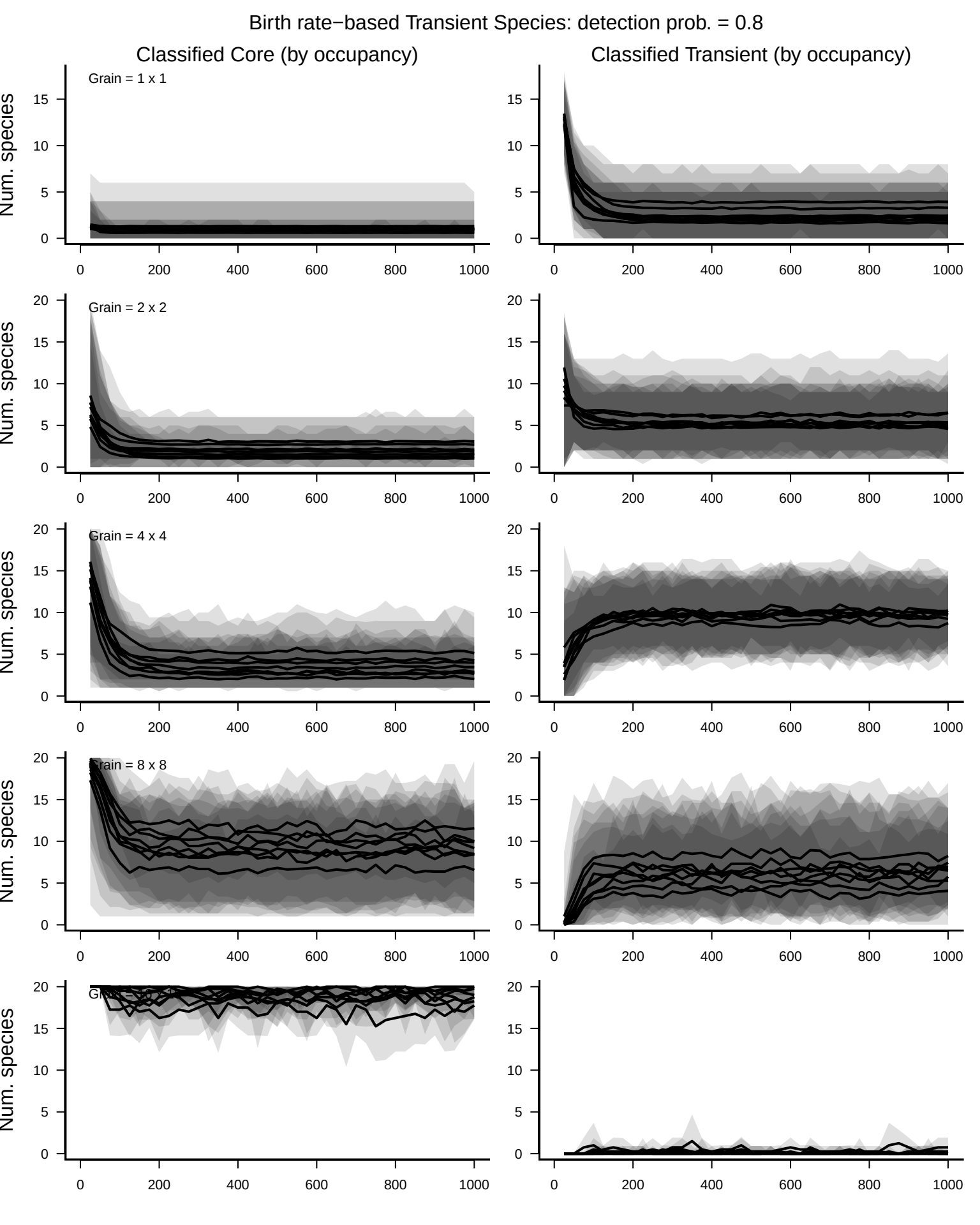

Birth rate−based categories: detection prob. = 0.8
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Num. species
0
5
10
15
20
0
200
400
600
800
1000

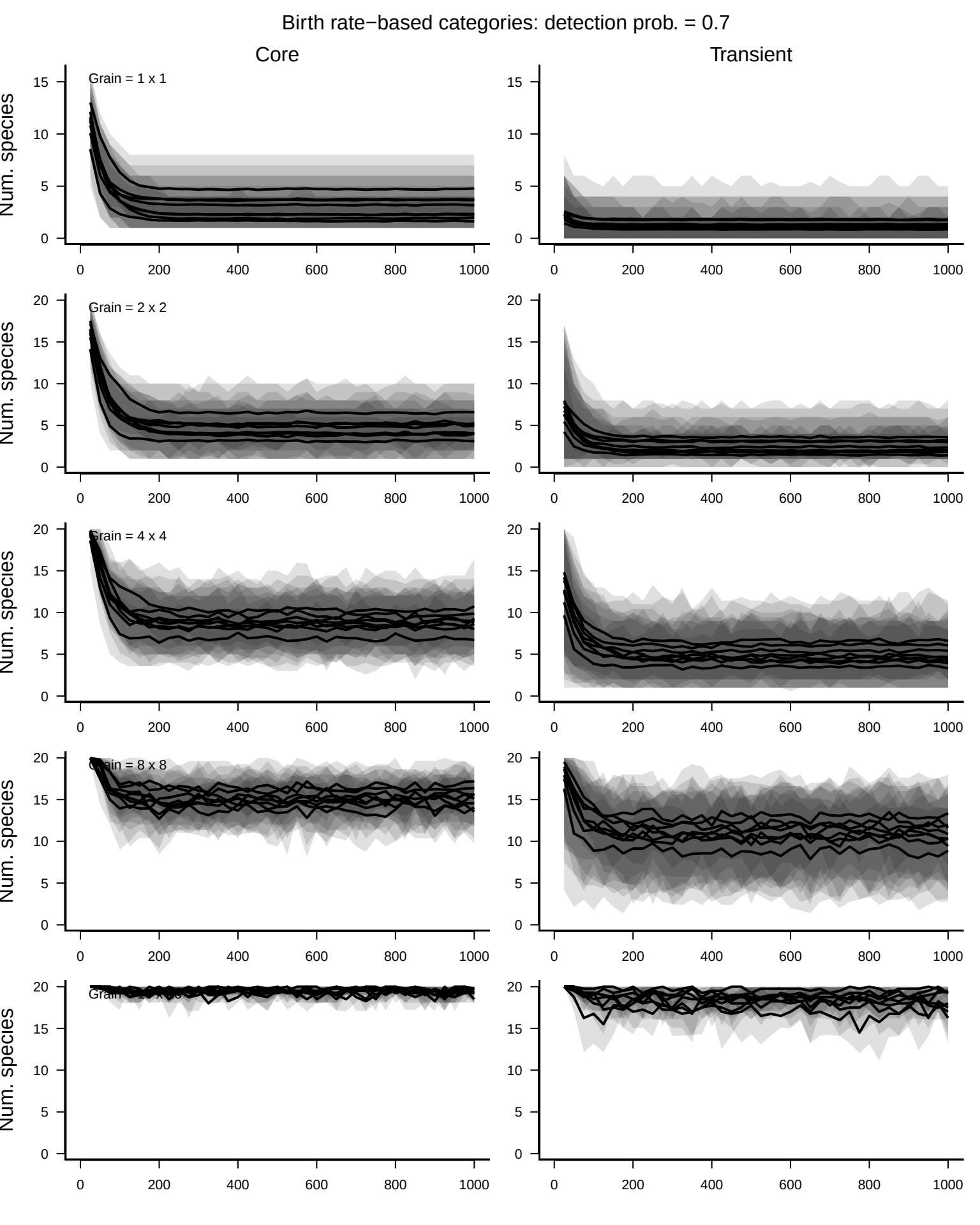

Temporal occupancy−based categories: detection prob. = 0.8
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Num. species
0
5
10
15
20
25
30
35
40
0
200
400
600
800
1000

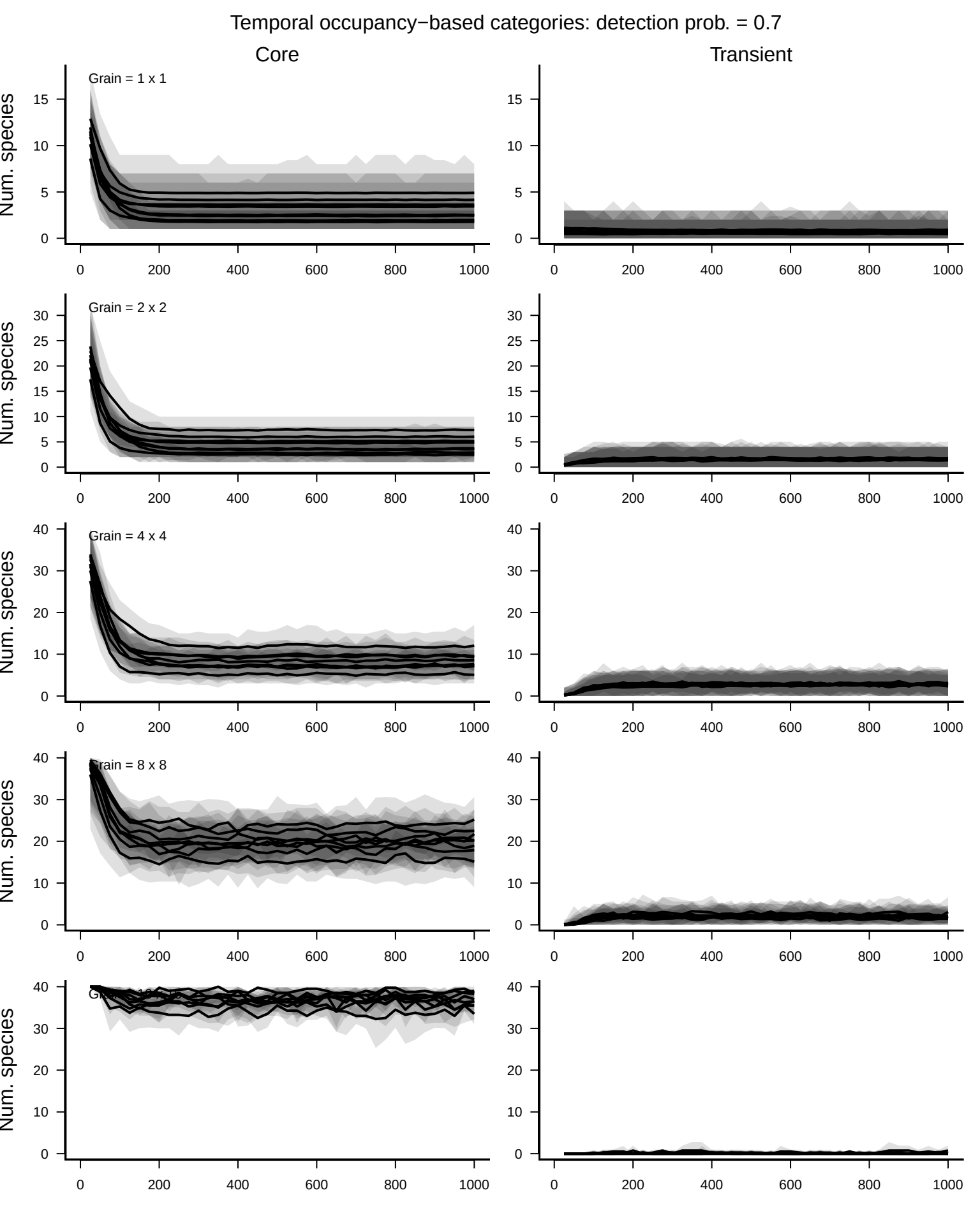

Birth rate−based categories: detection prob. = 0.8
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

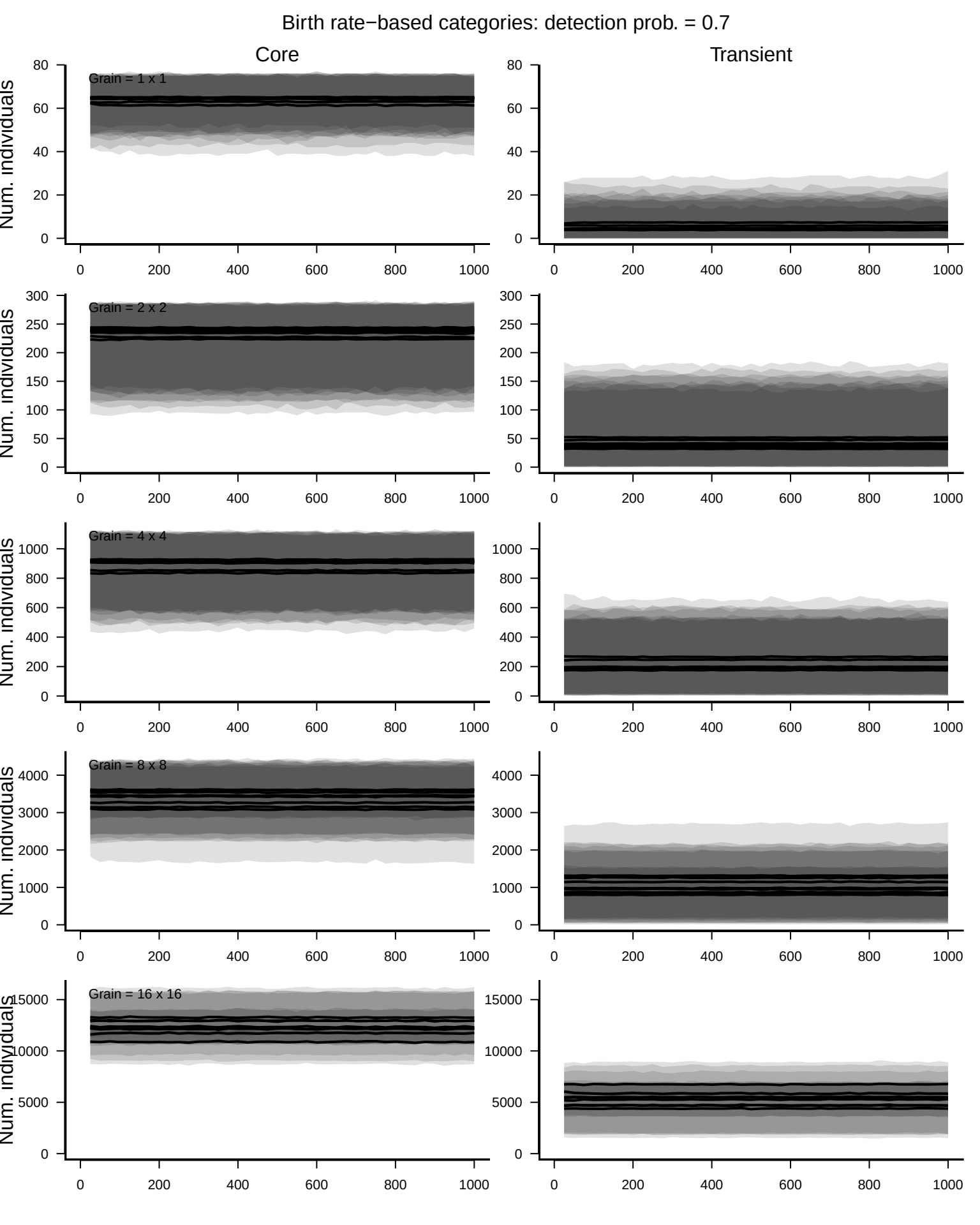

Temporal occupancy−based categories: detection prob. = 0.8
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

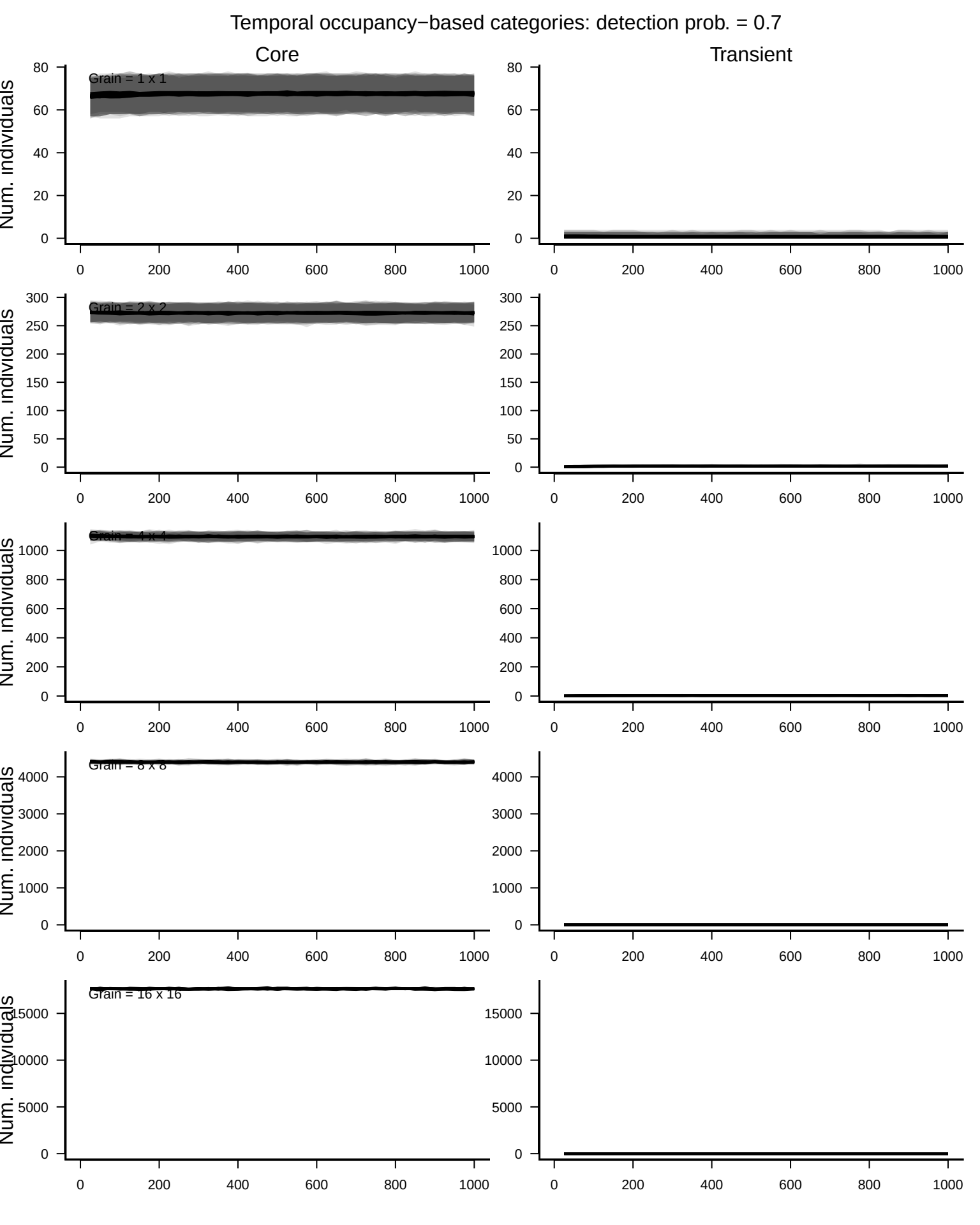

Birth rate−based Core Species: detection prob. = 0.8
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
5
10
15
20
0
200
400
600
800
1000

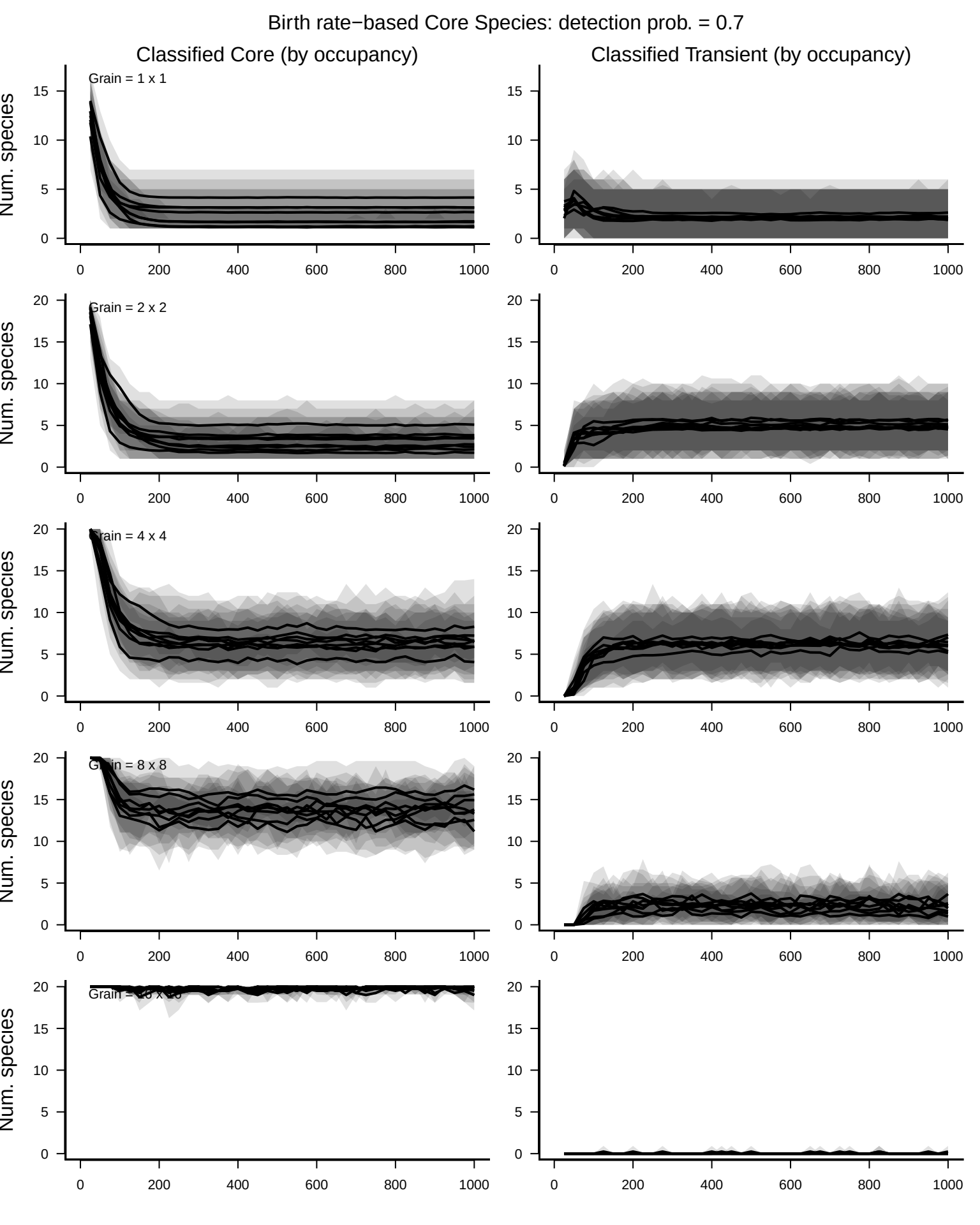

Birth rate−based Transient Species: detection prob. = 0.8
Classified Core (by occupancy)
Classified Transient (by occupancy)
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Num. species
0
5
10
15
20
0
200
400
600
800
1000

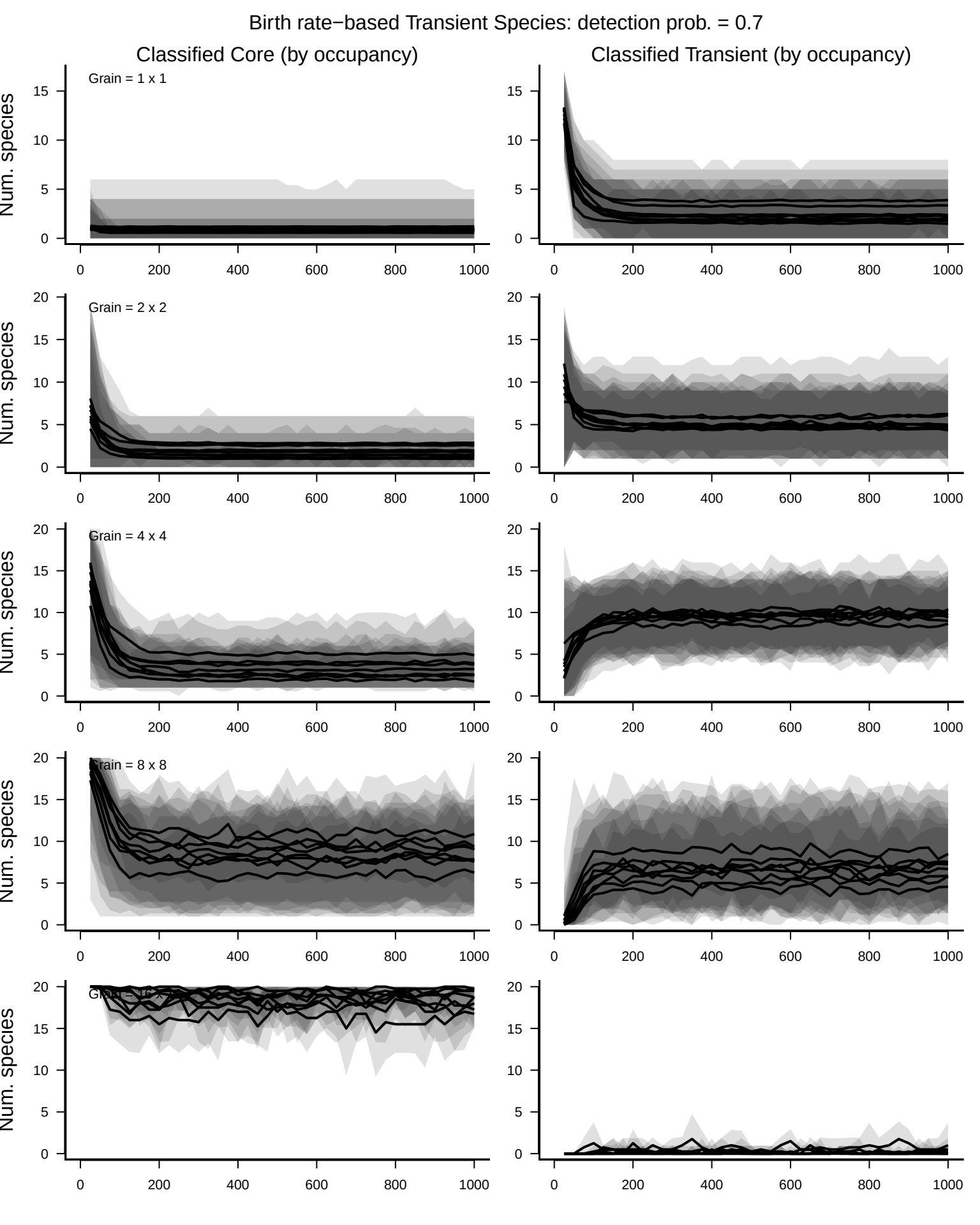

Birth rate−based categories: detection prob. = 0.7
Core
Transient
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
0
200
400
600
800
1000

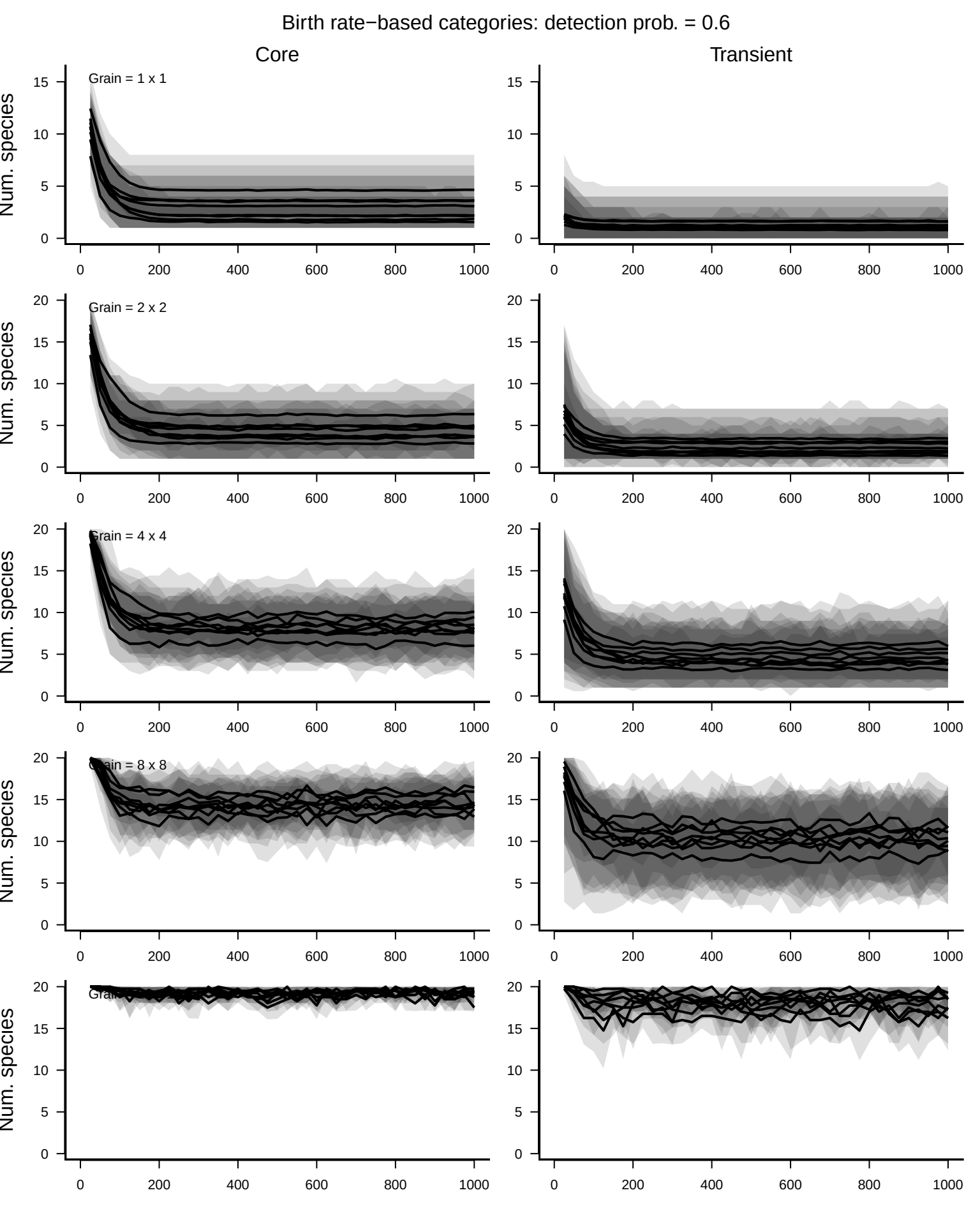

Temporal occupancy−based categories: detection prob. = 0.7
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Num. species
0
5
10
15
20
25
30
40
0
200
400
600
800
1000

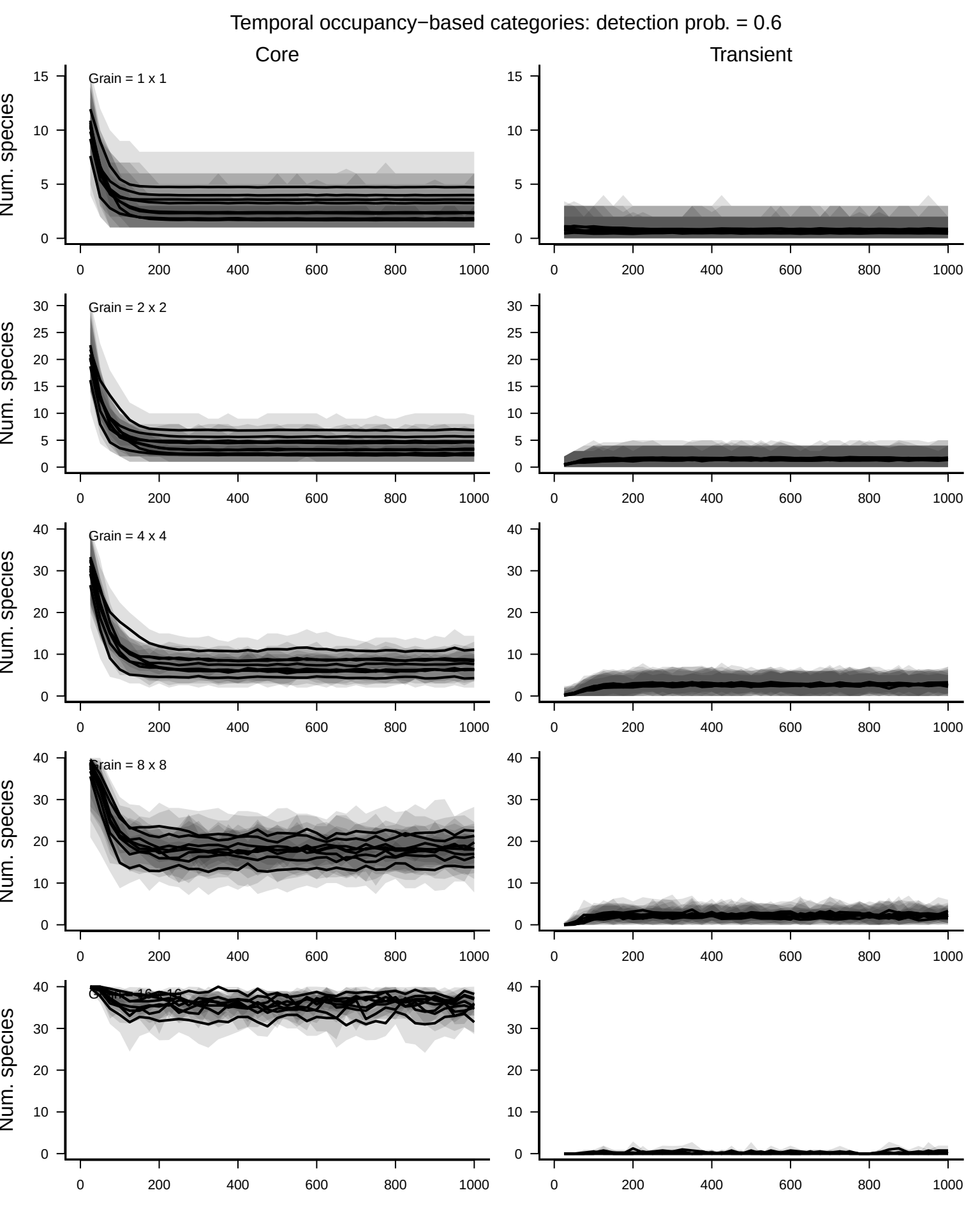

Birth rate−based categories: detection prob. = 0.7
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

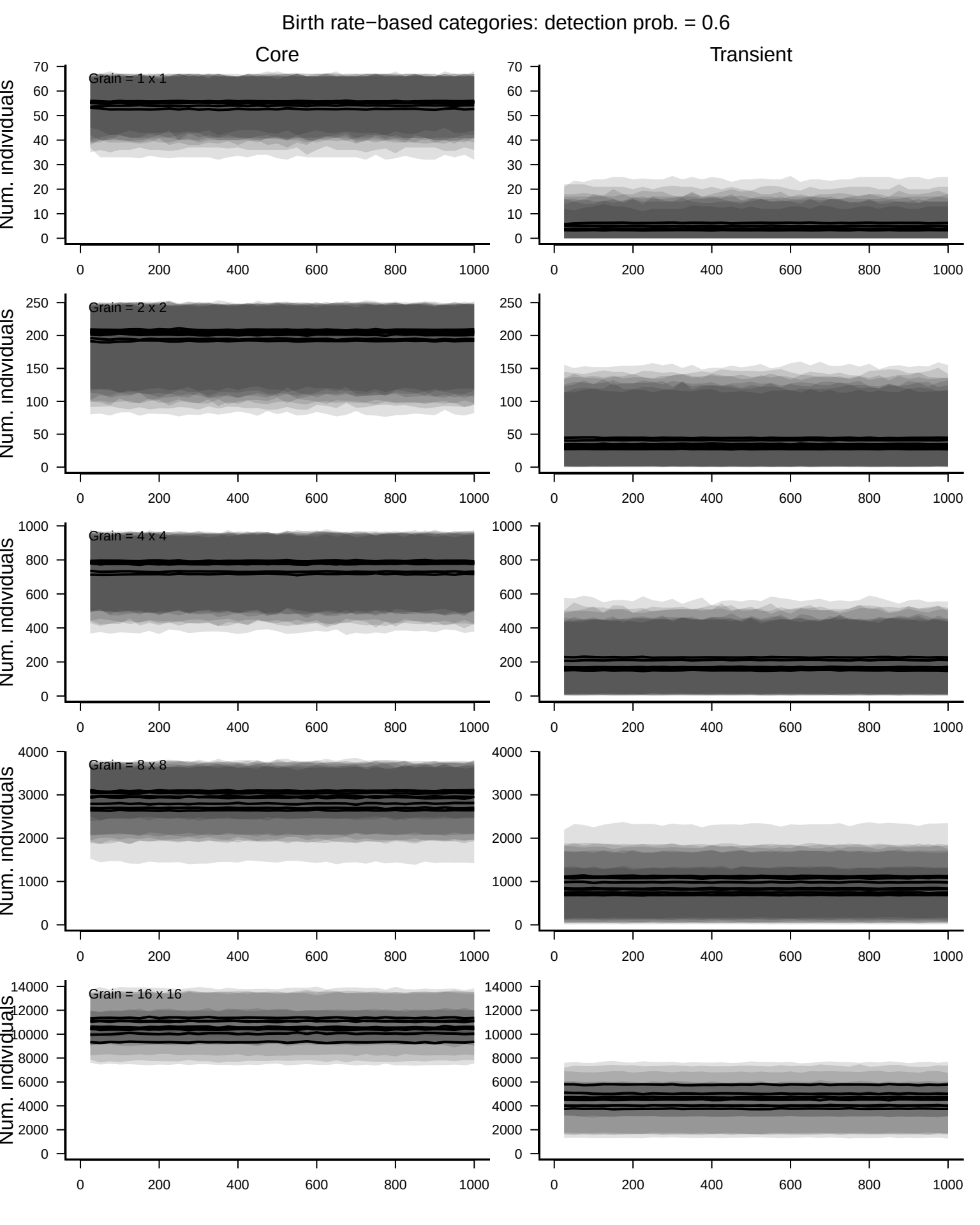

Temporal occupancy−based categories: detection prob. = 0.7
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

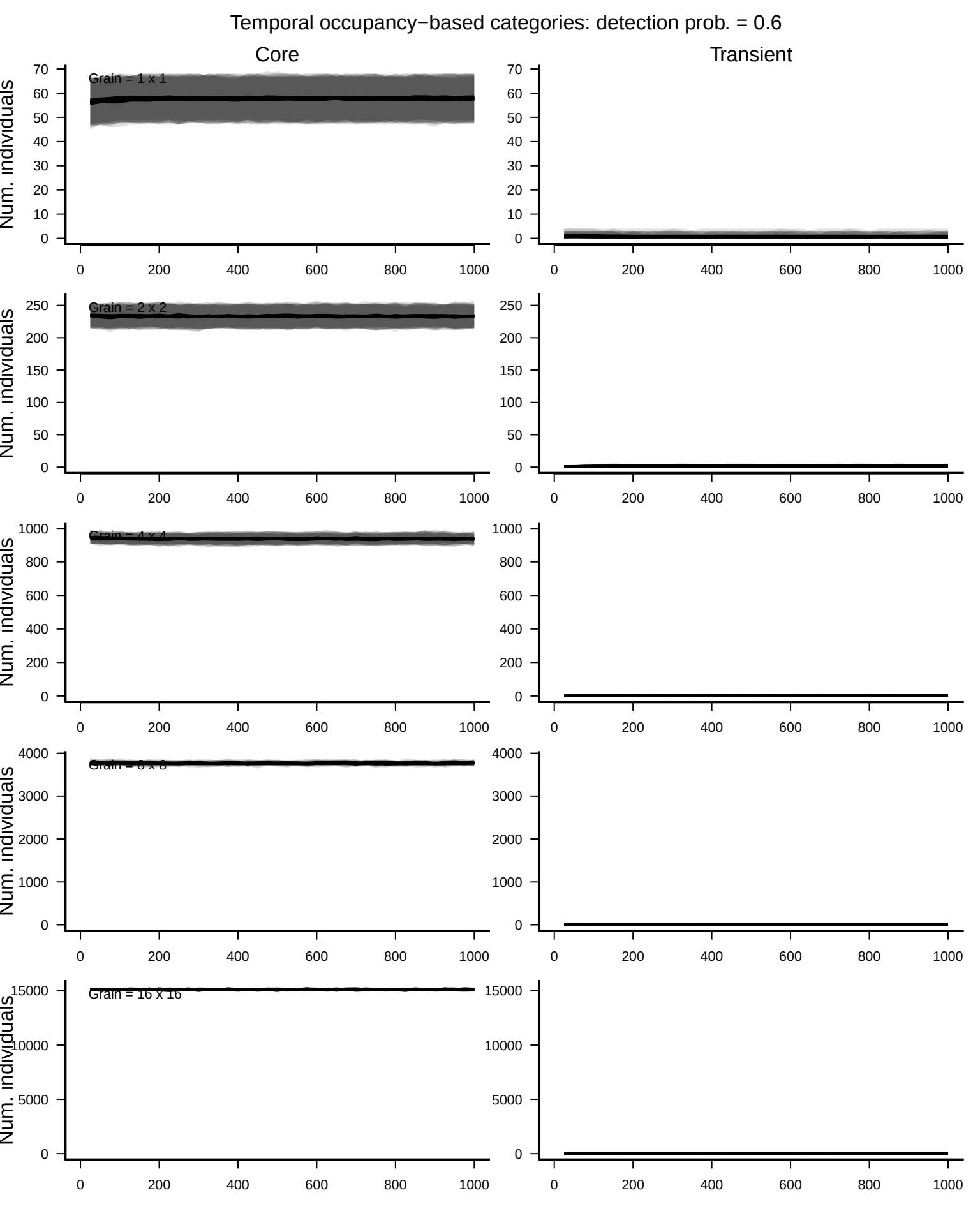

Birth rate−based Core Species: detection prob. = 0.7
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
0
200
400
600
800
1000

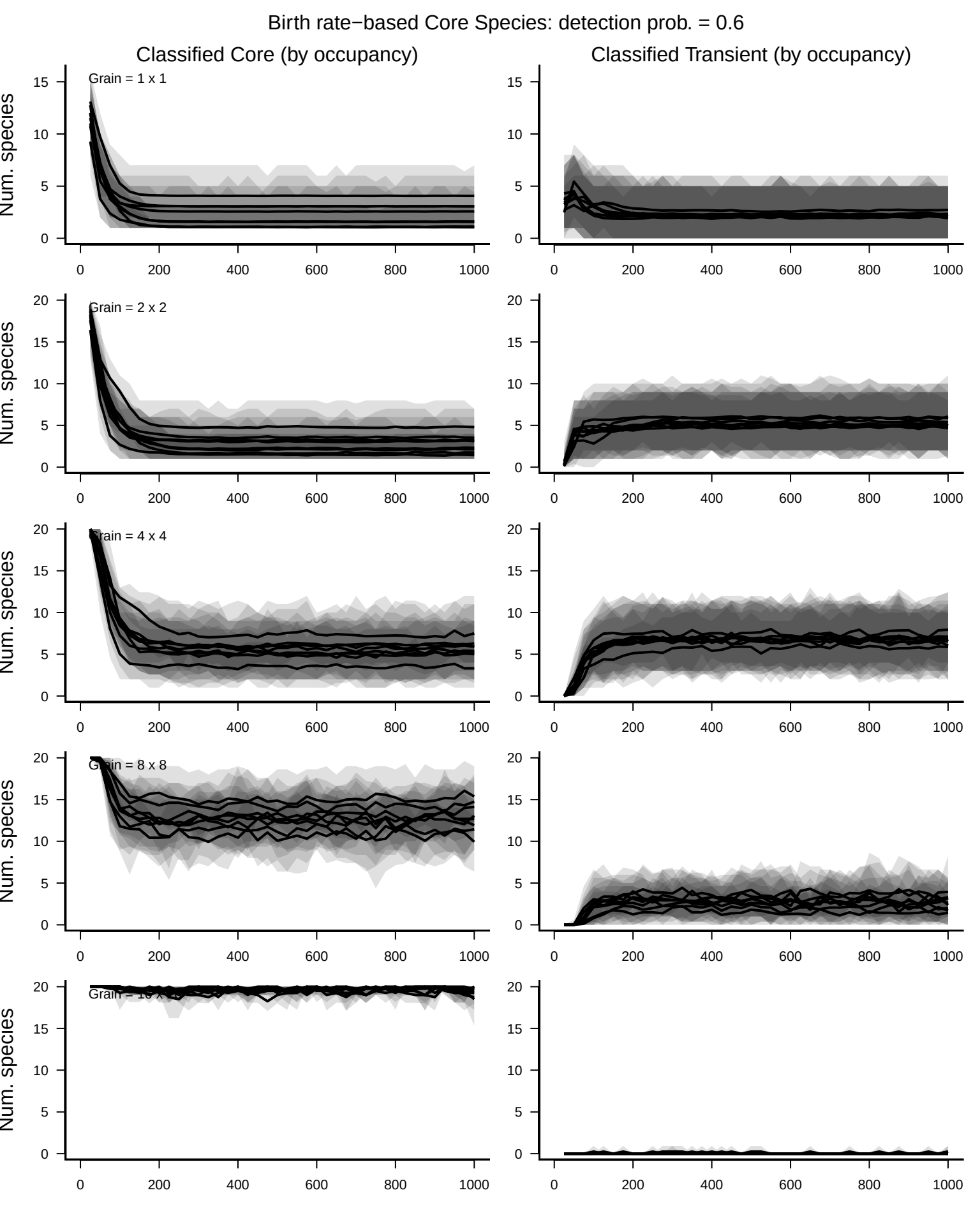

Birth rate−based Transient Species: detection prob. = 0.7
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
0
200
400
600
800
1000

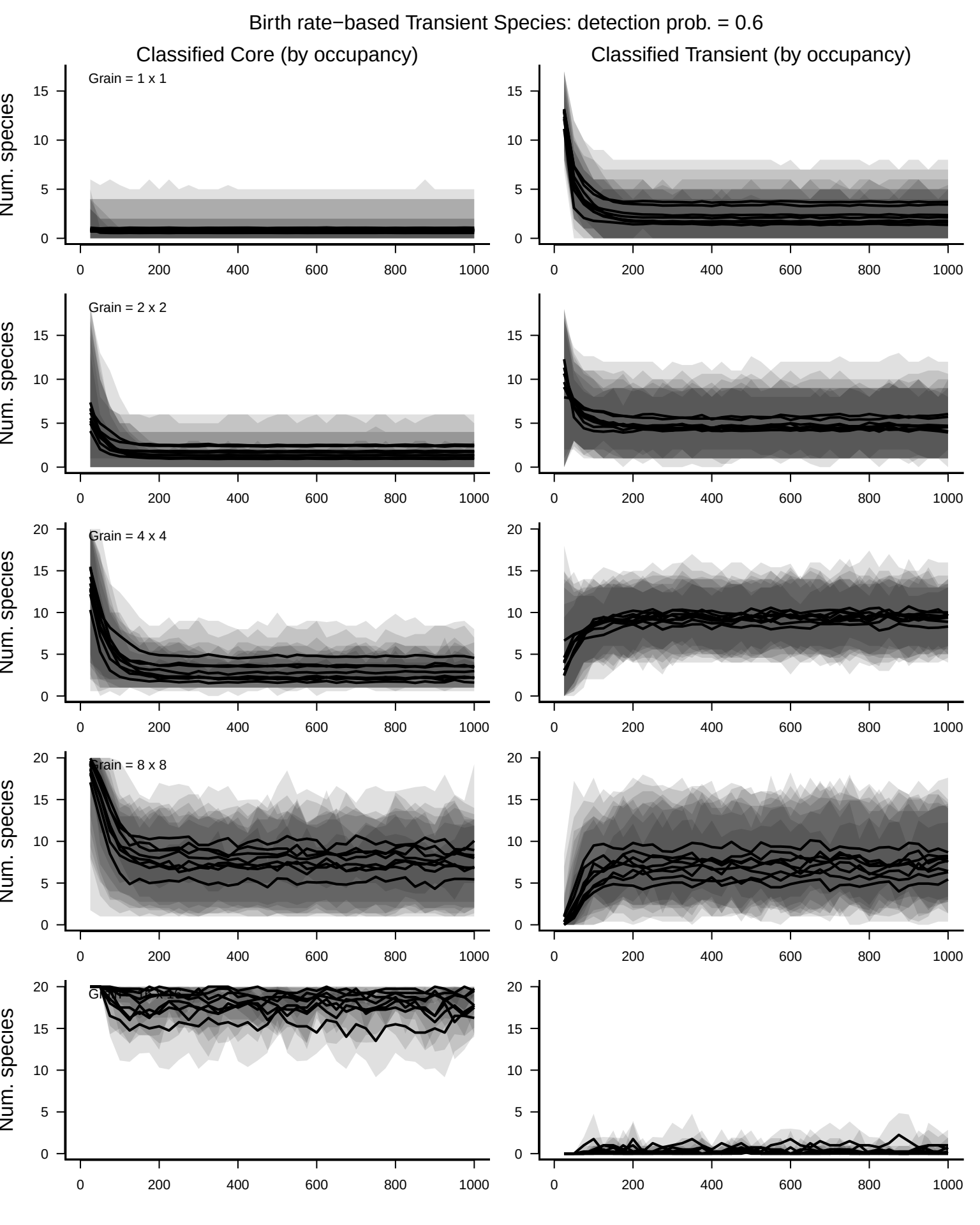

Birth rate−based categories: detection prob. = 0.6
Core
Transient
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
0
200
400
600
800
1000

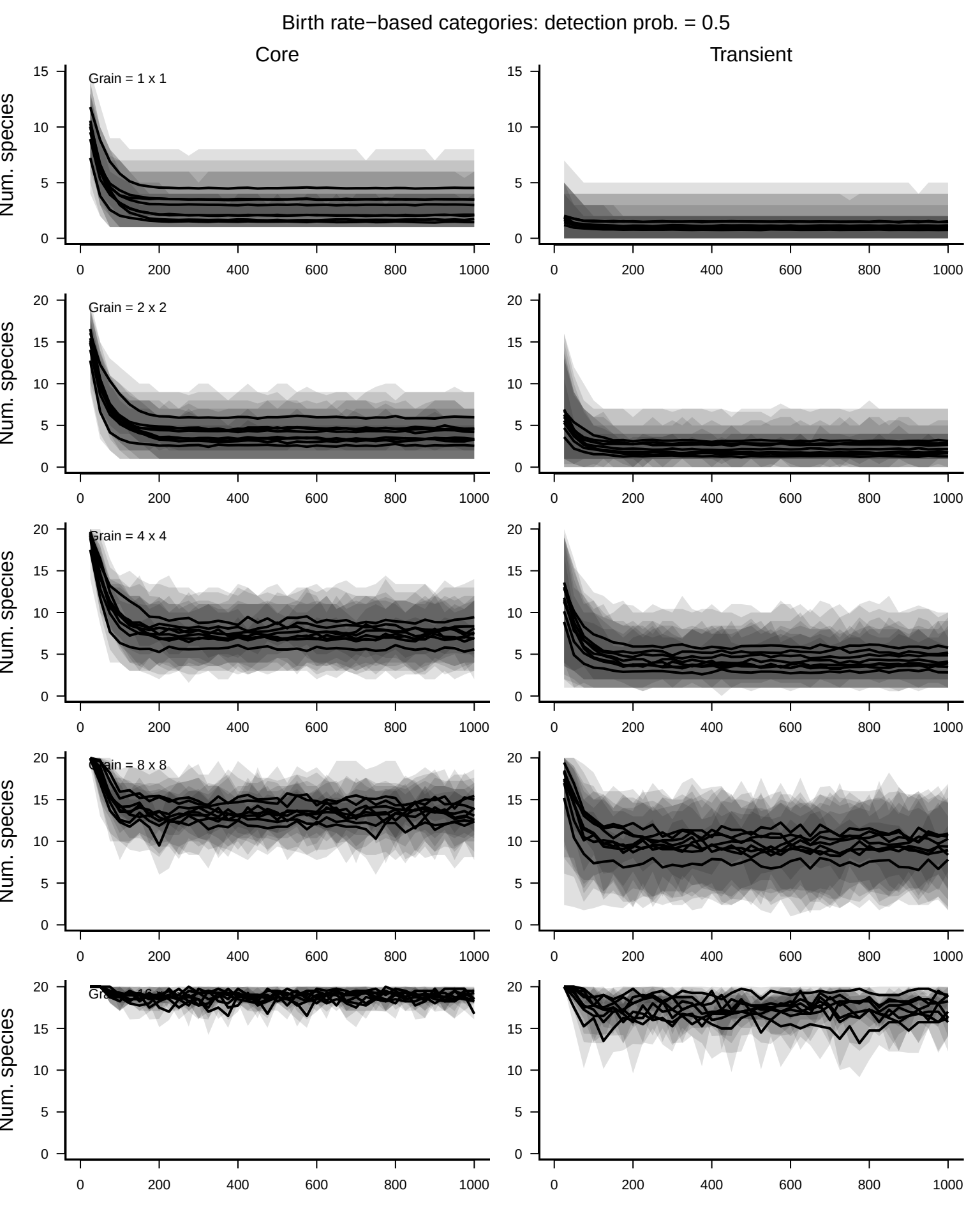

Temporal occupancy−based categories: detection prob. = 0.6
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Num. species
0
5
10
15
20
25
30
40
0
200
400
600
800
1000

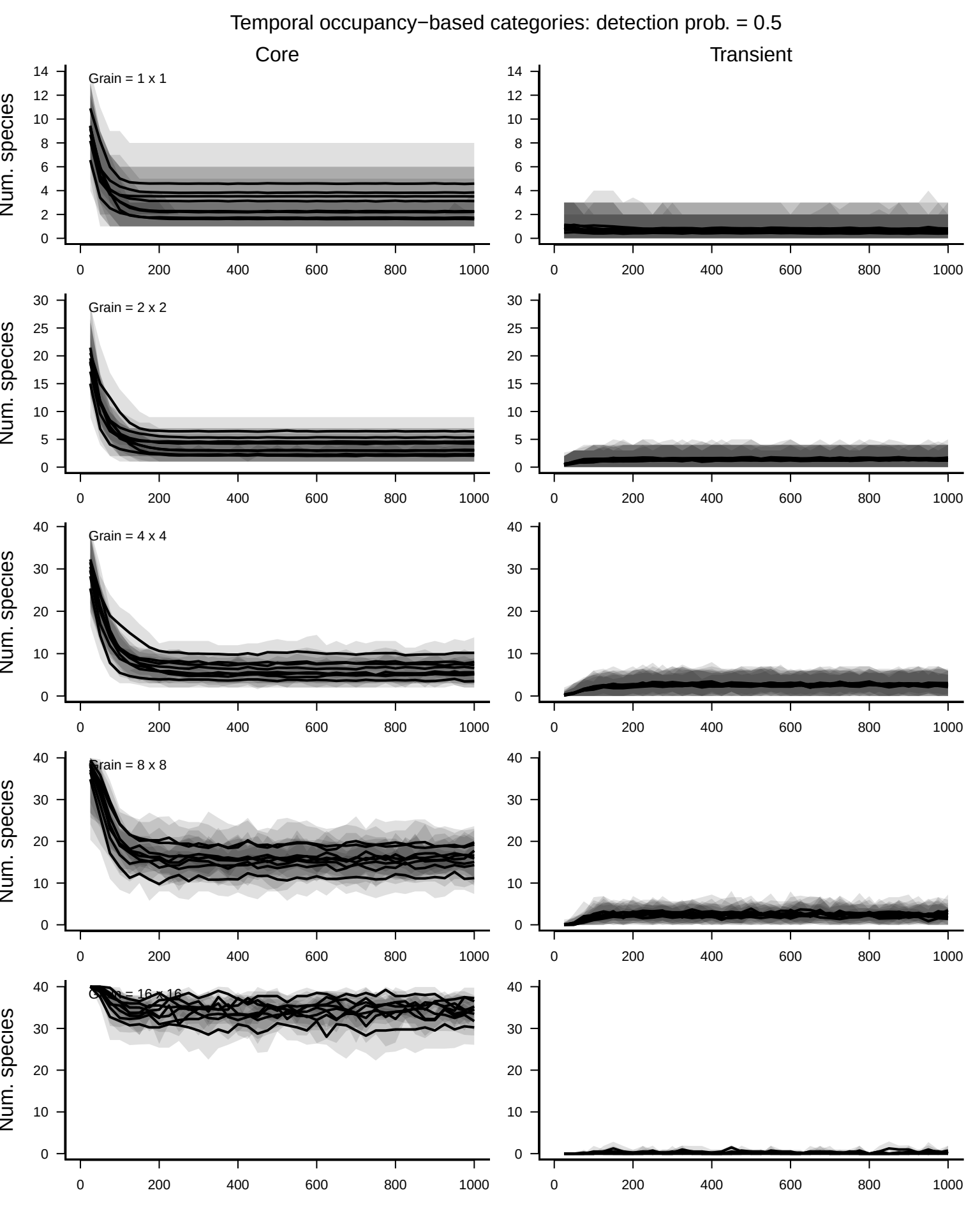

Birth rate−based categories: detection prob. = 0.6
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

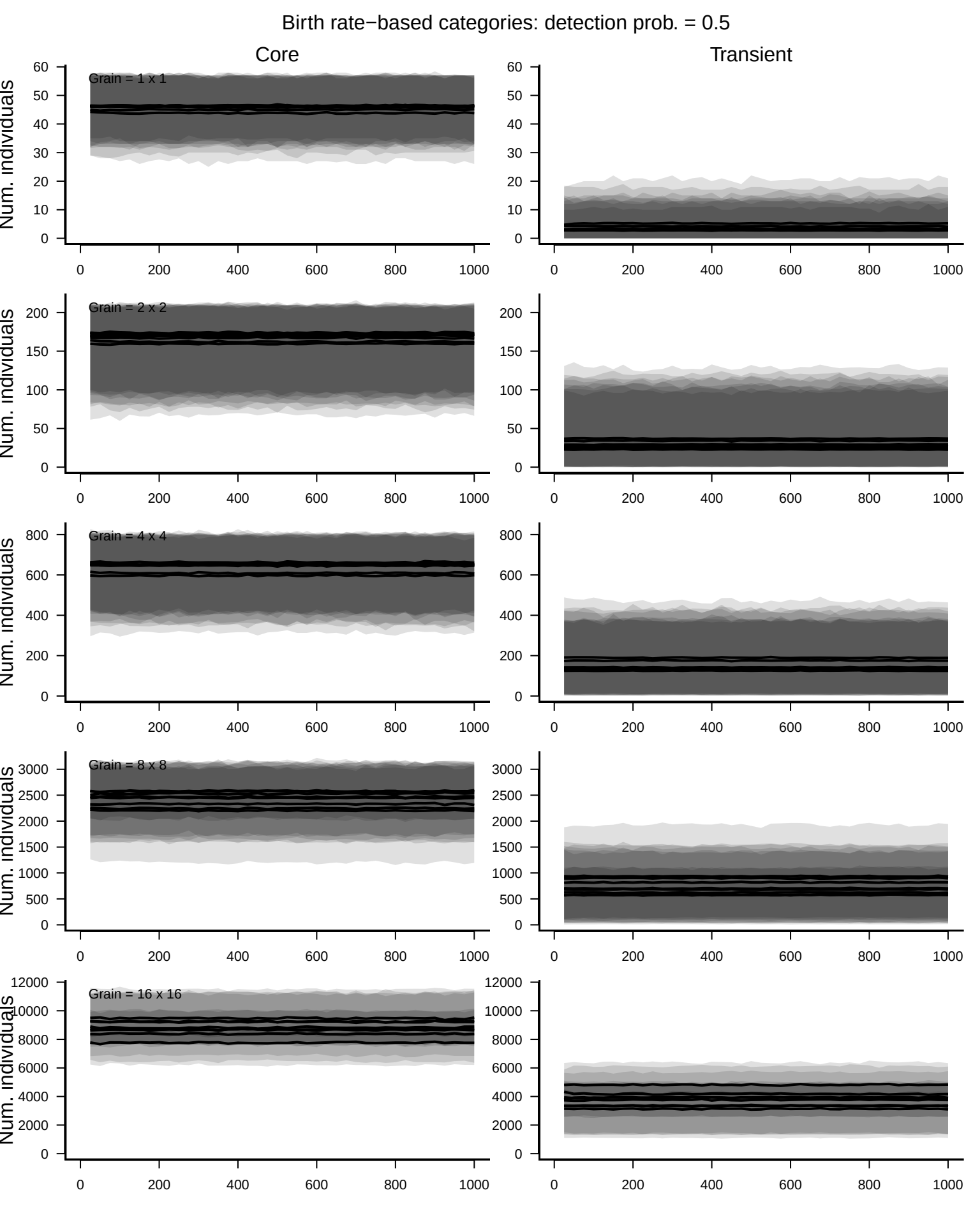

Temporal occupancy−based categories: detection prob. = 0.6
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000
10
20
30
40
50
60
70
100
150
250
5000
10000
15000
2000
3000
4000

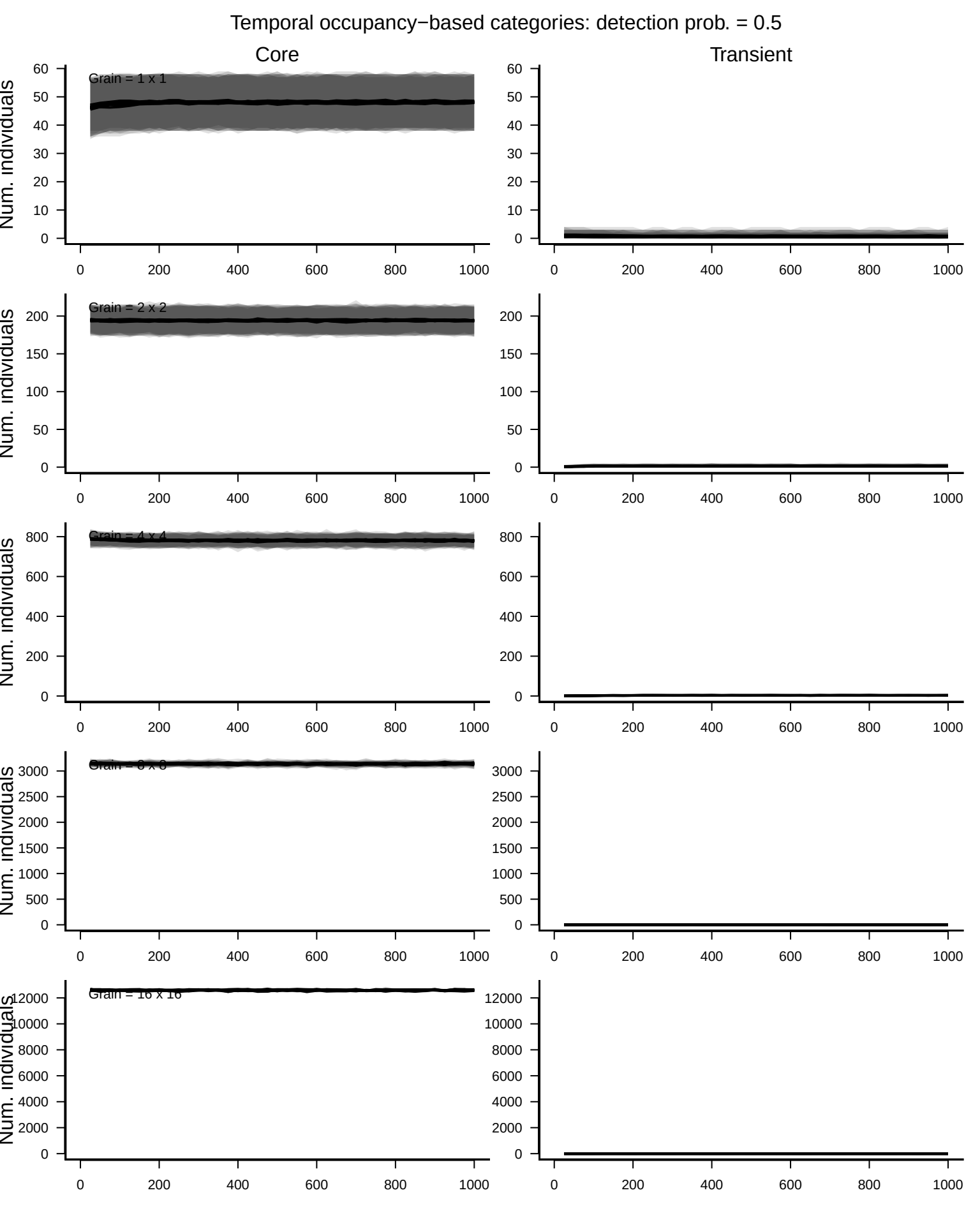

Birth rate−based Core Species: detection prob. = 0.6
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
0
200
400
600
800
1000

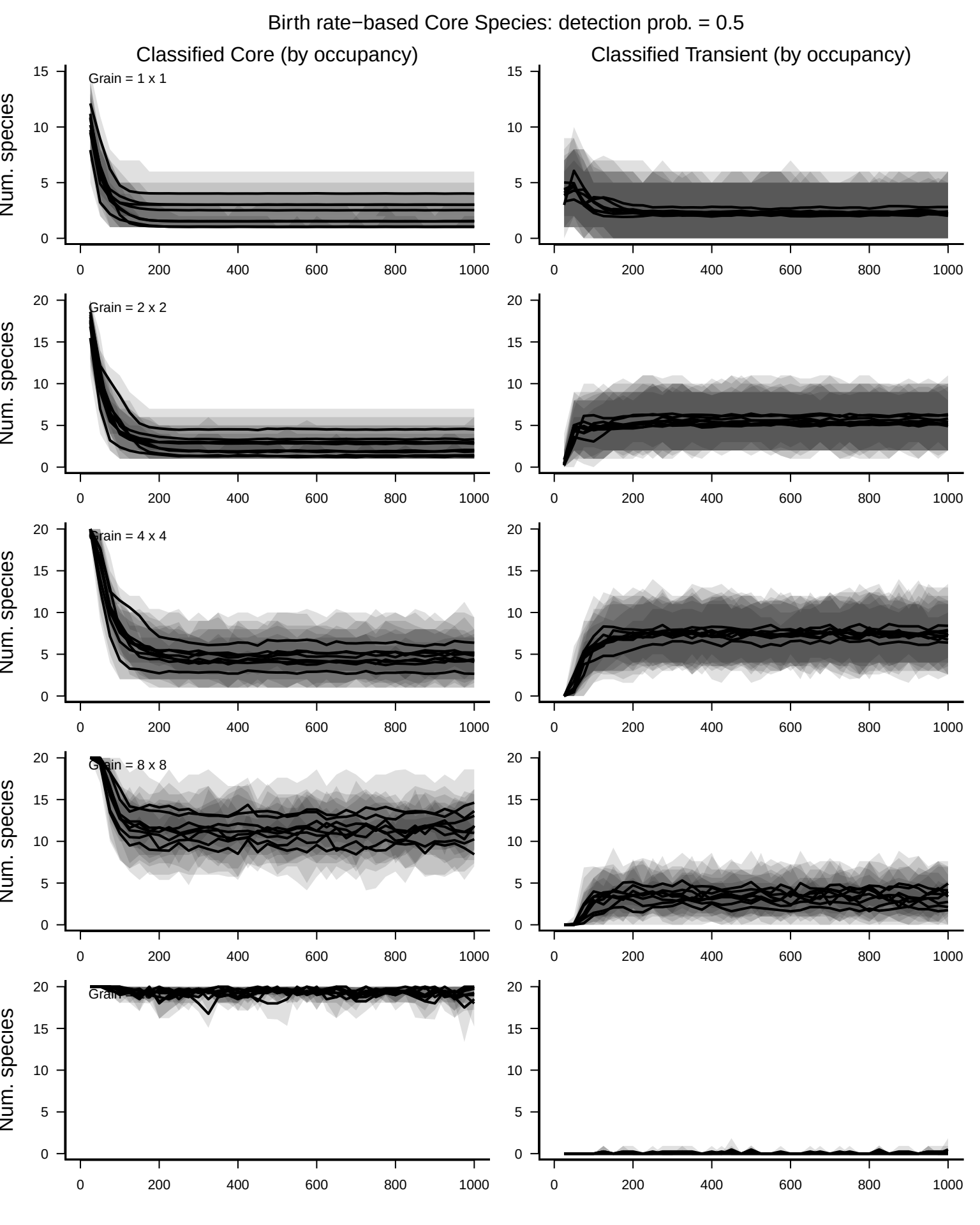

Birth rate−based Transient Species: detection prob. = 0.6
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
0
200
400
600
800
1000

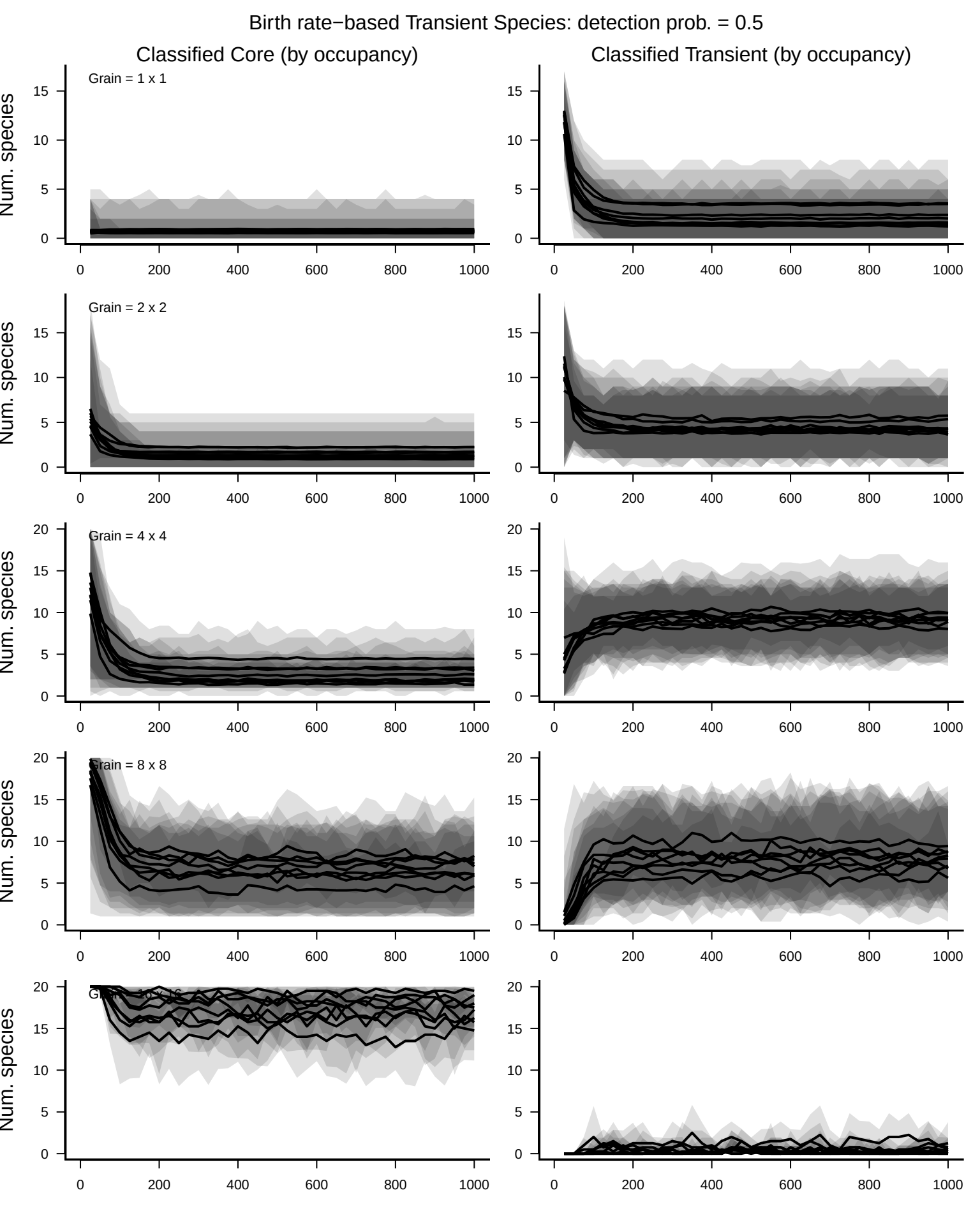

Birth rate−based categories: detection prob. = 0.5
Core
Transient
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
0
200
400
600
800
1000

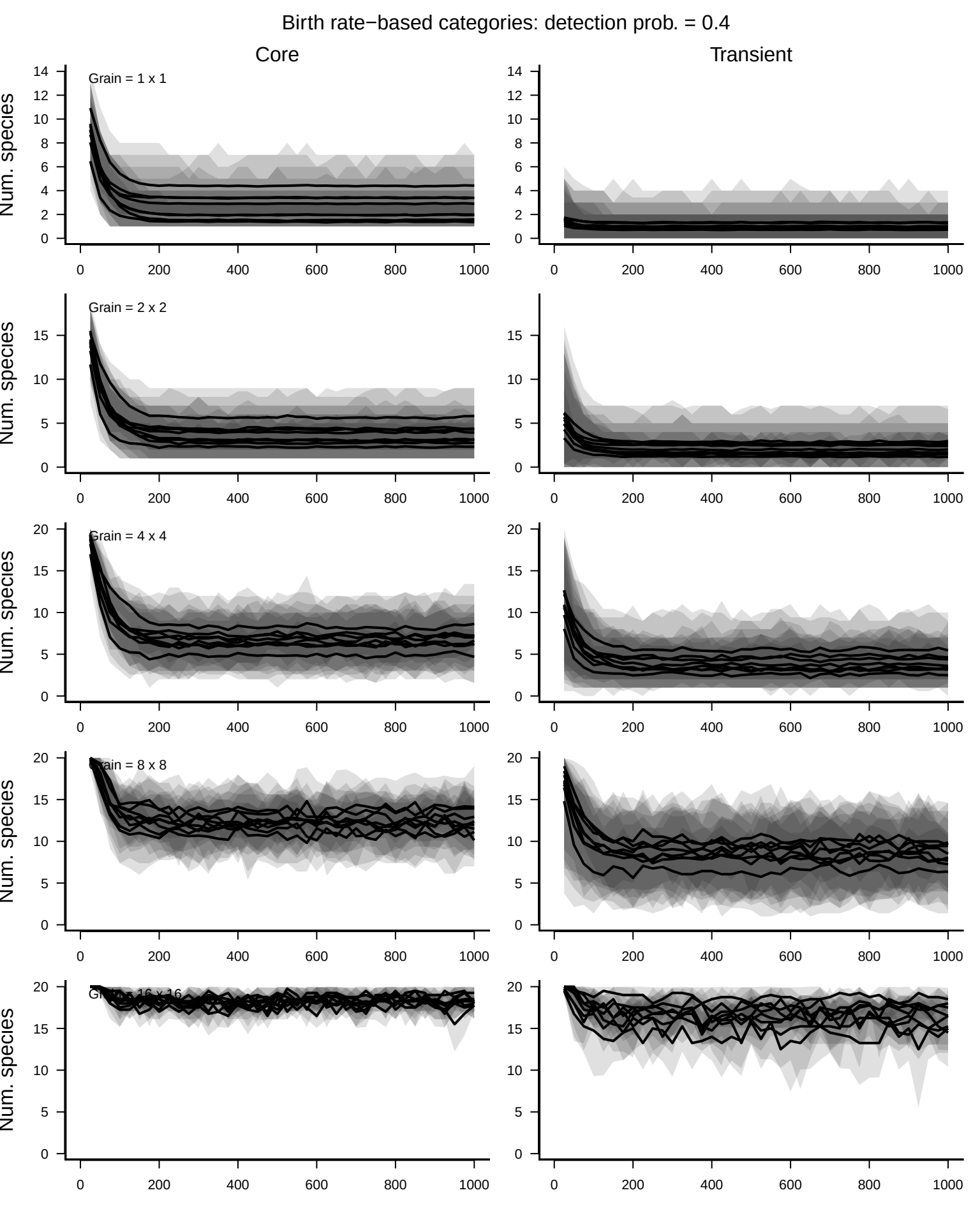

Temporal occupancy−based categories: detection prob. = 0.5
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species
0
200
400
600
800
1000

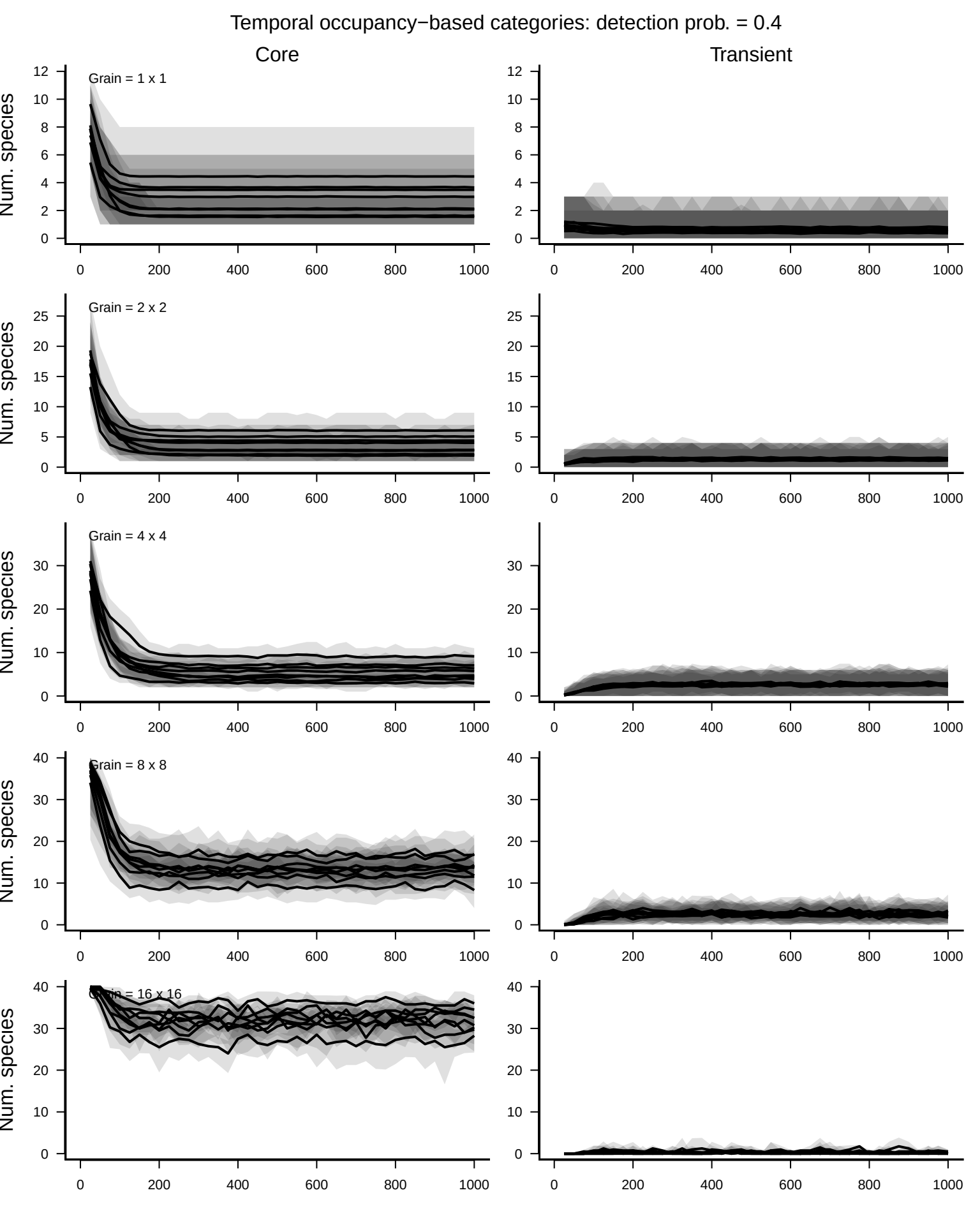

Birth rate−based categories: detection prob. = 0.5
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

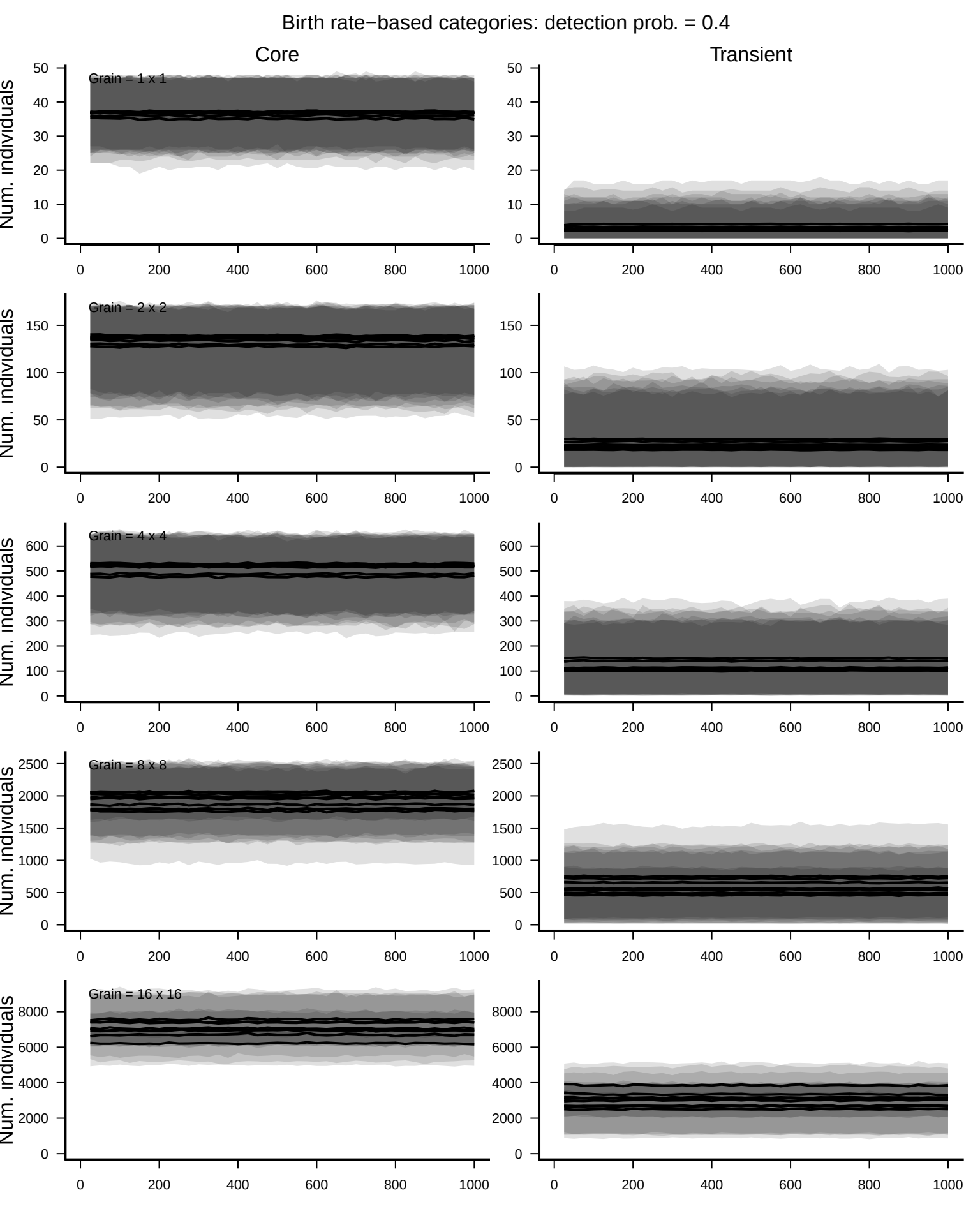

Temporal occupancy−based categories: detection prob. = 0.5
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

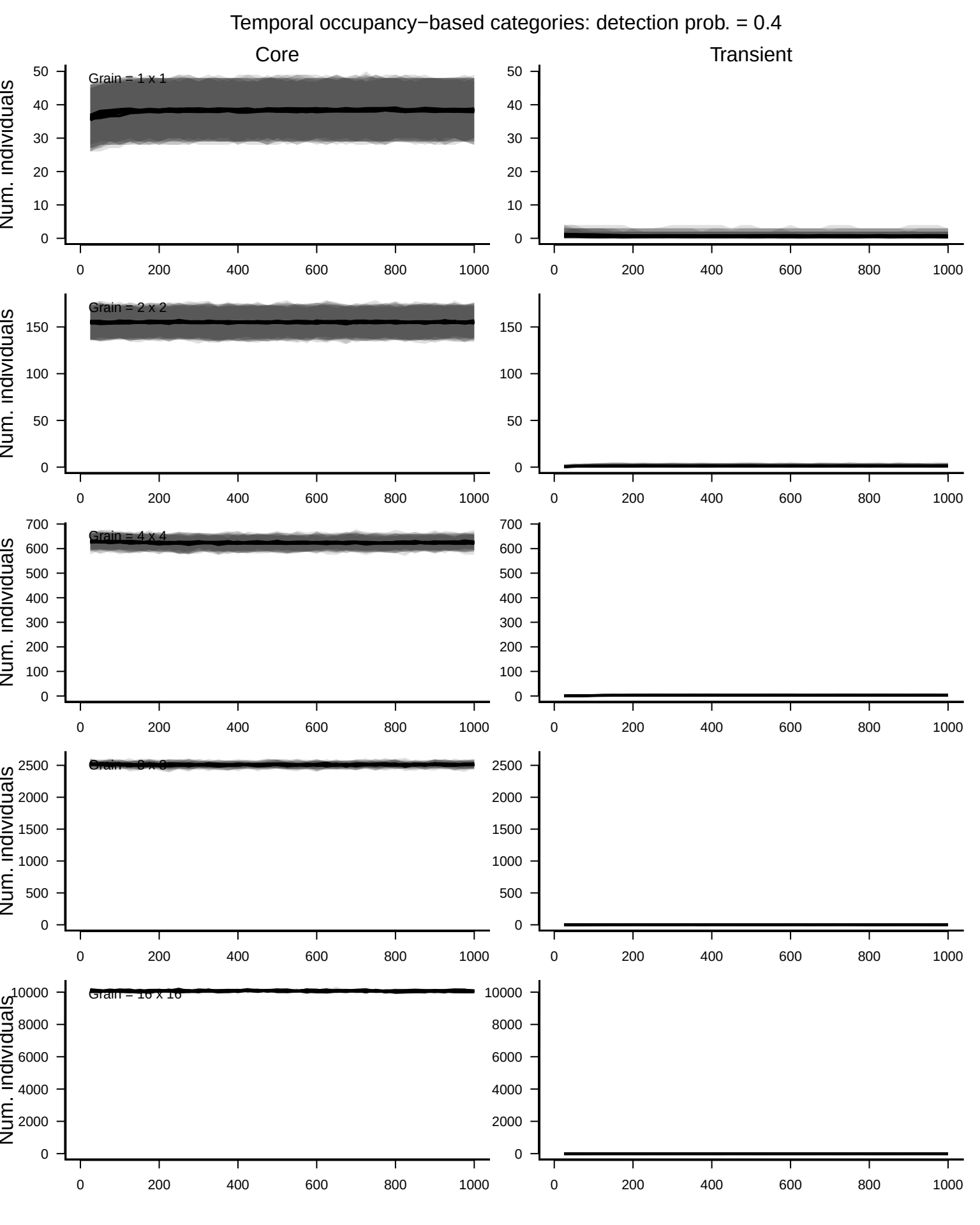

Birth rate−based Core Species: detection prob. = 0.5
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
0
200
400
600
800
1000

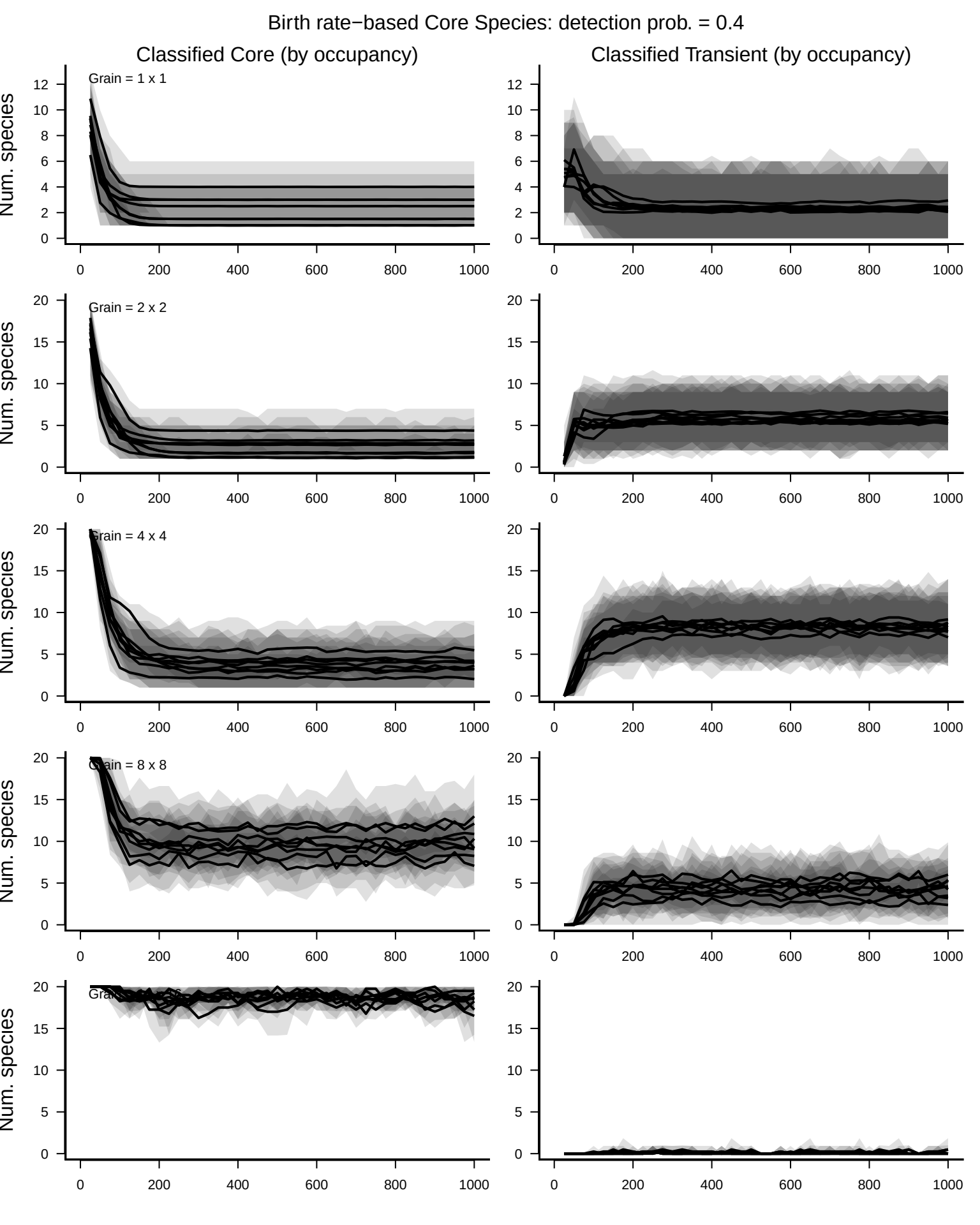

Birth rate−based Transient Species: detection prob. = 0.5
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
5
10
15
20
0
200
400
600
800
1000

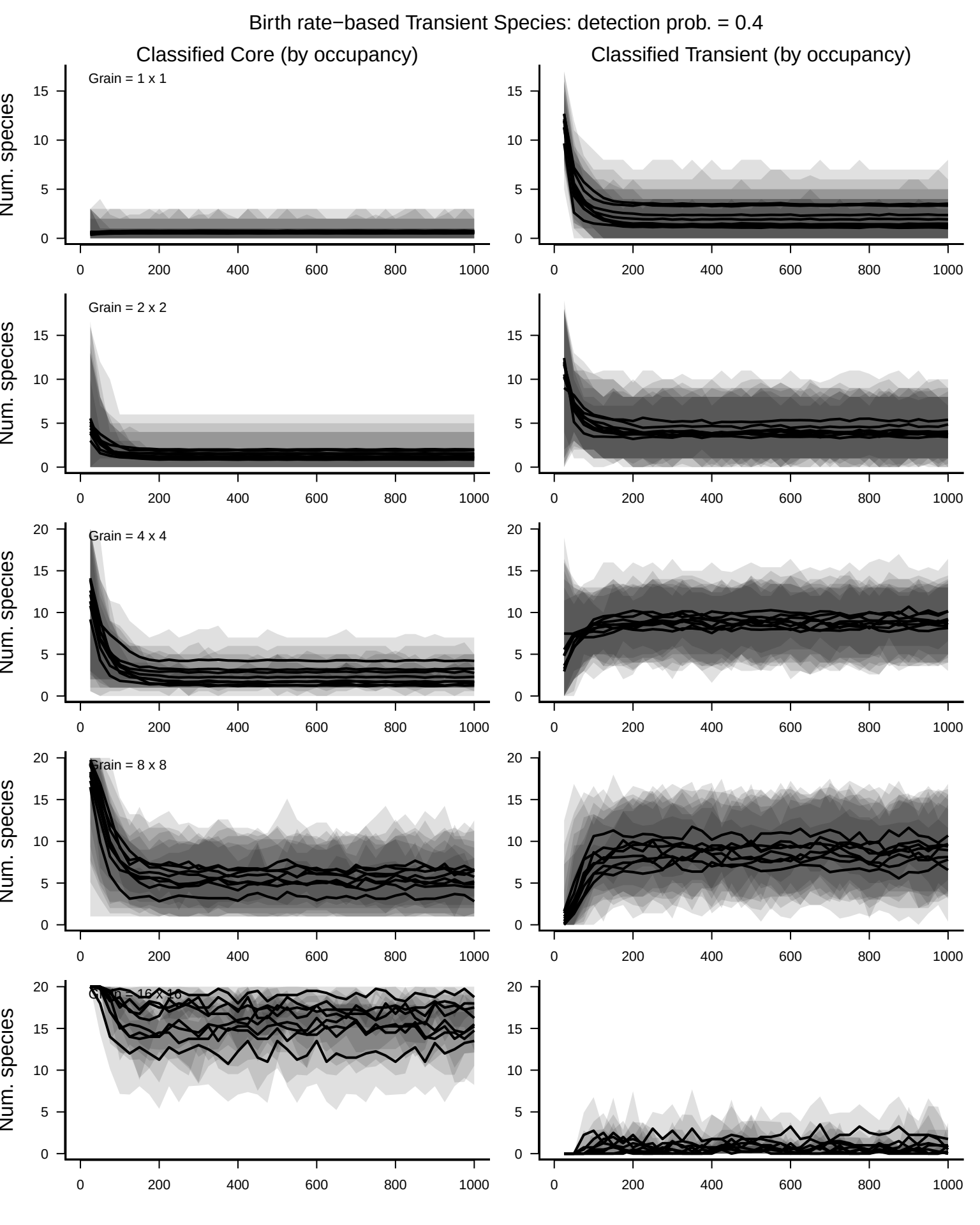

Birth rate−based categories: detection prob. = 0.4
Core
Transient
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

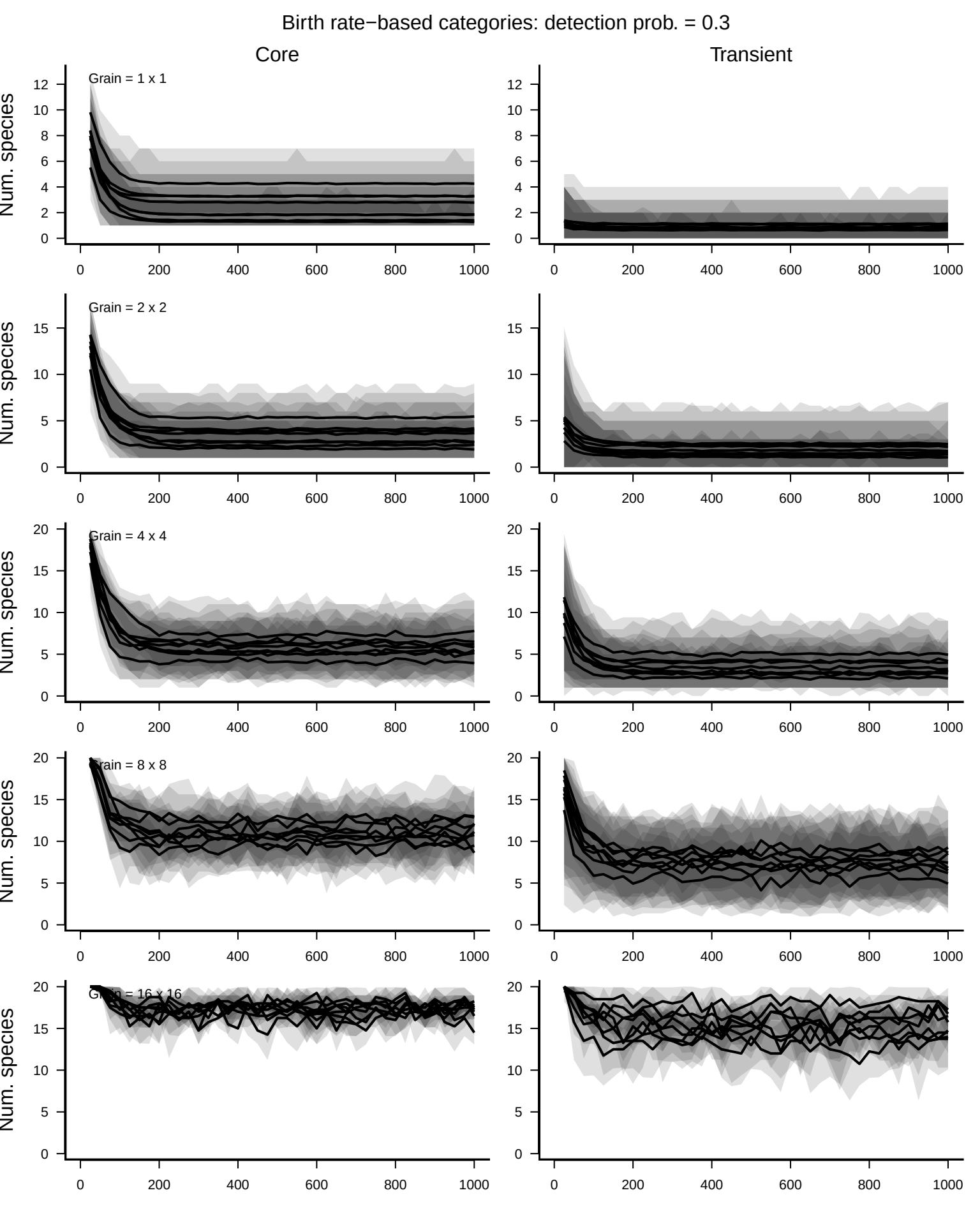

Temporal occupancy−based categories: detection prob. = 0.4
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species

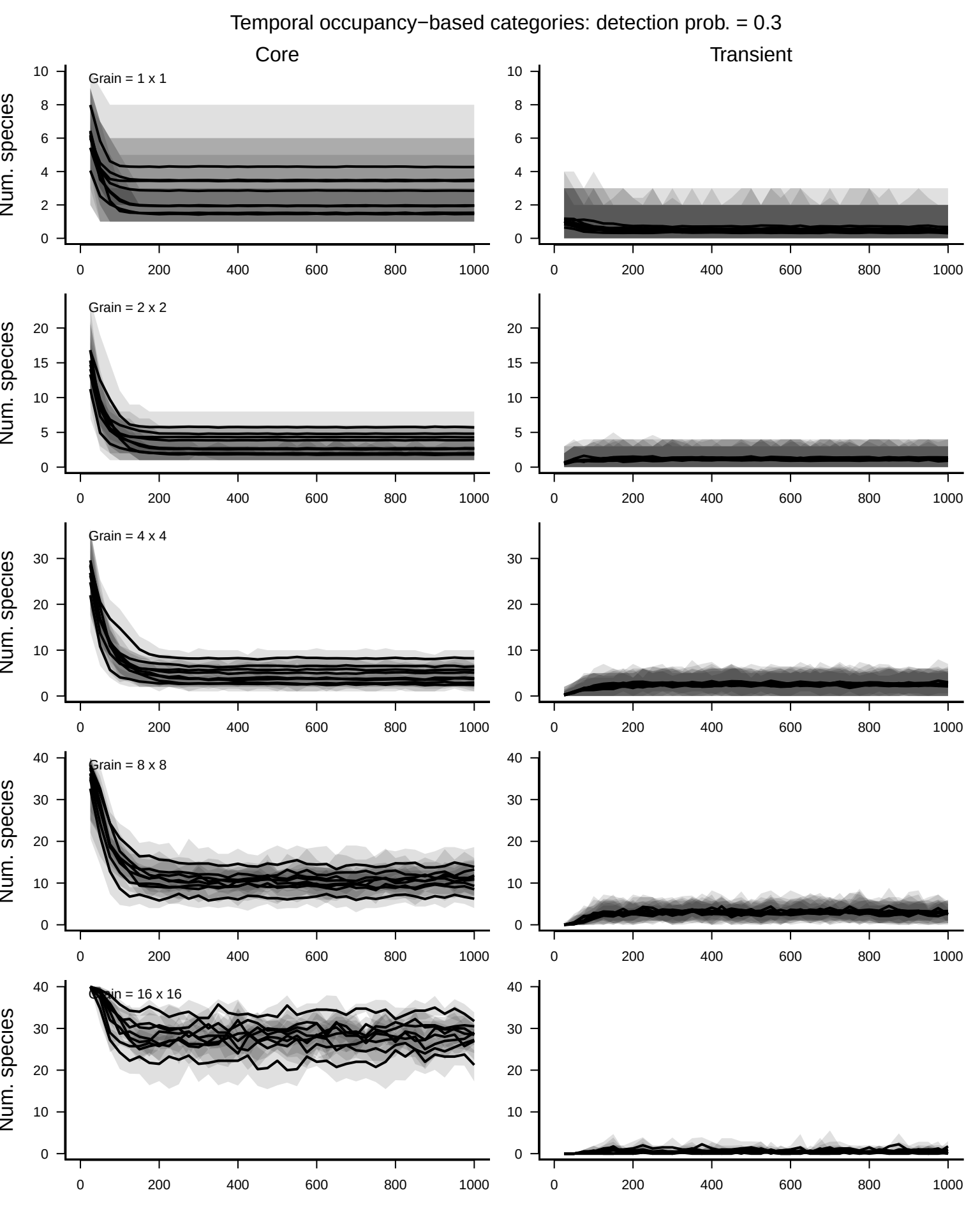

Birth rate−based categories: detection prob. = 0.4
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

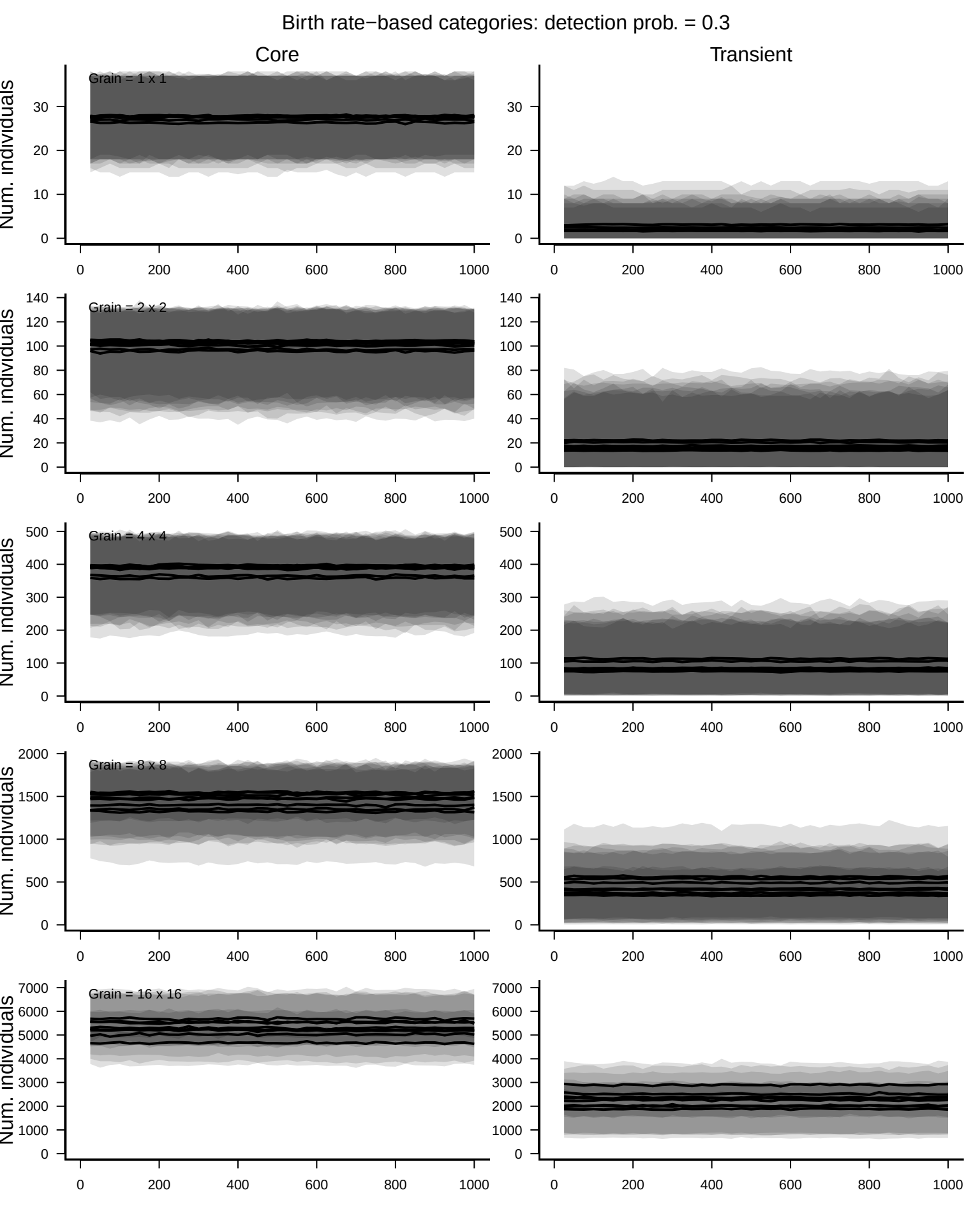

Temporal occupancy−based categories: detection prob. = 0.4
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

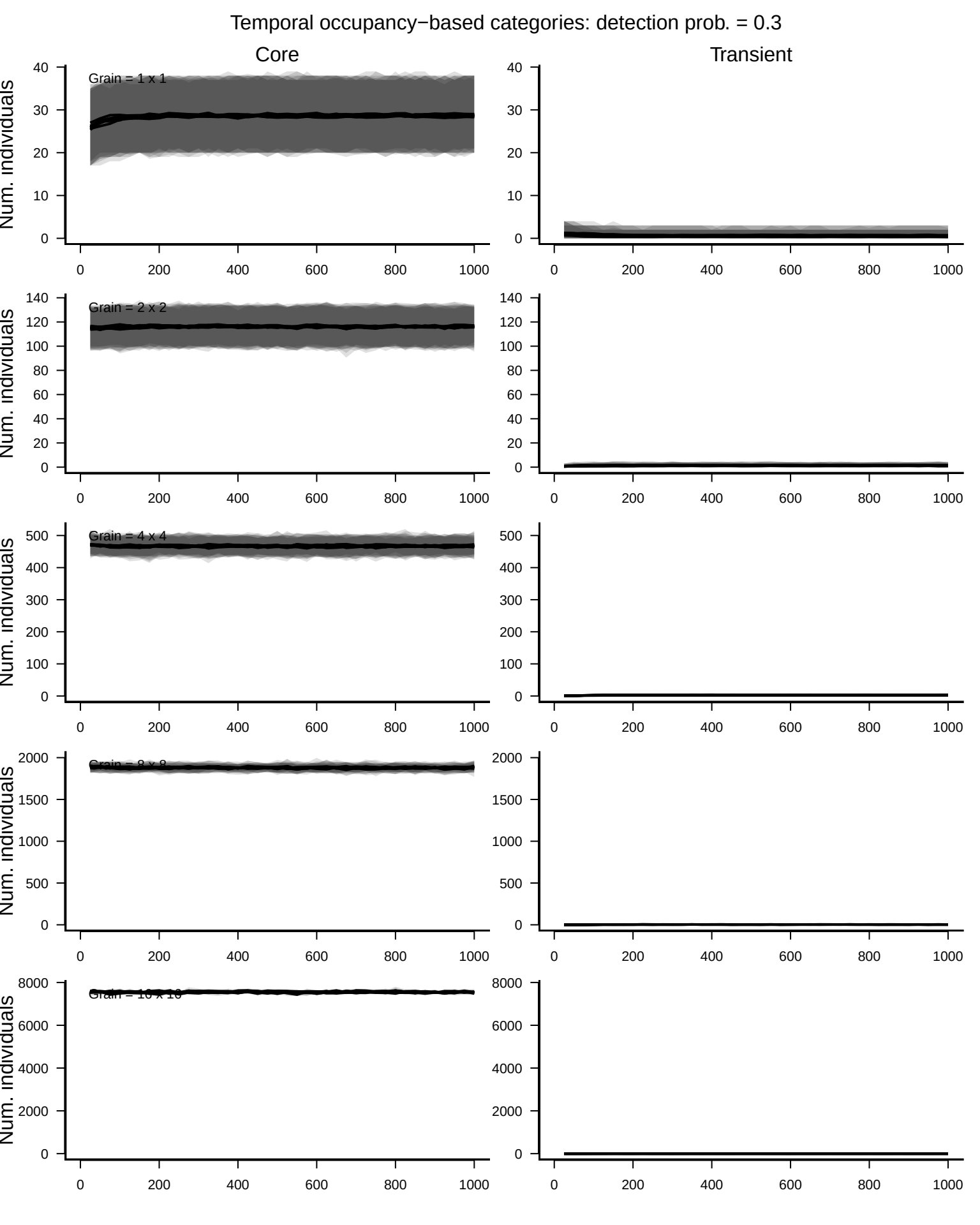

Birth rate−based Core Species: detection prob. = 0.4
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
0
200
400
600
800
1000

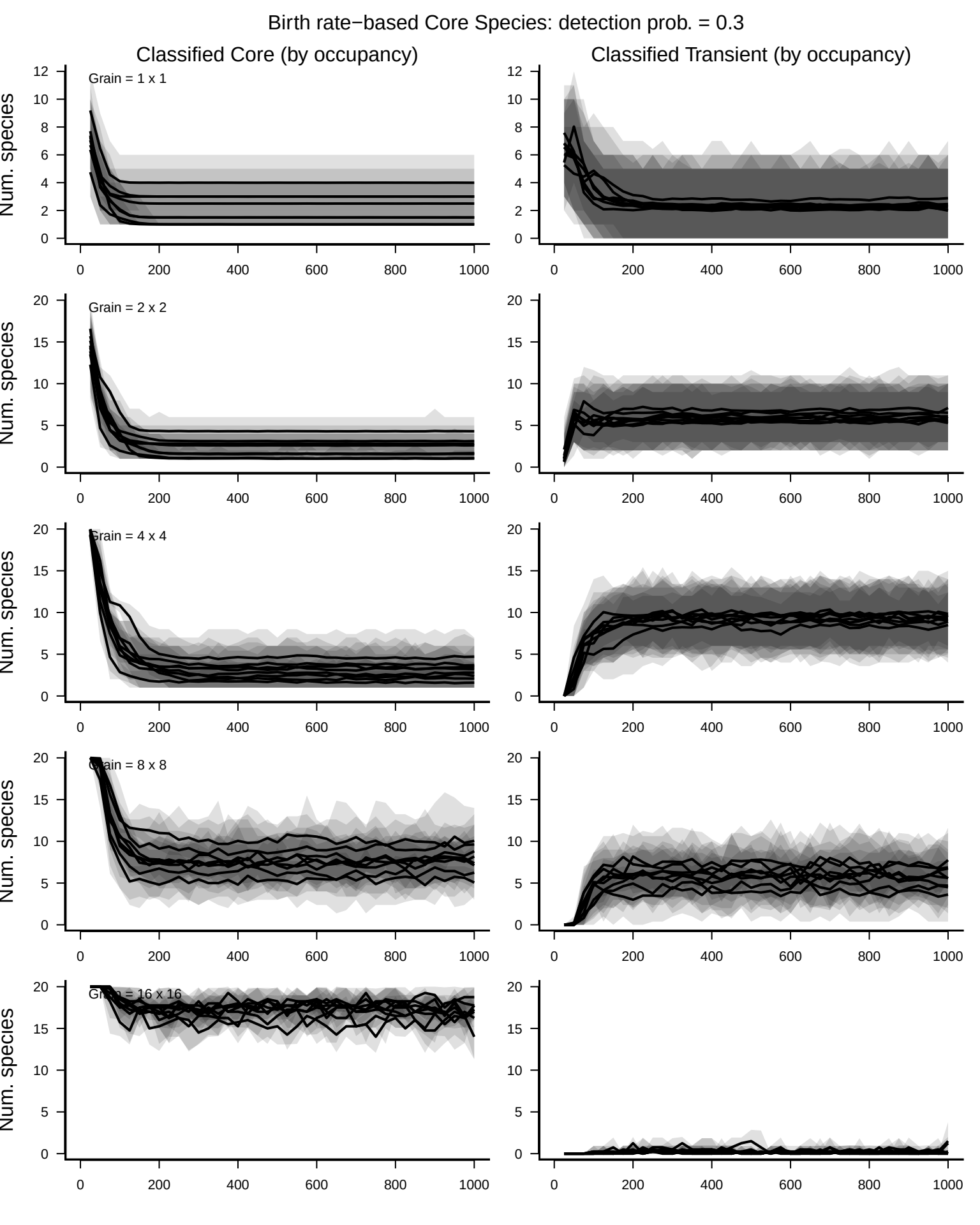

Birth rate−based Transient Species: detection prob. = 0.4
Classified Core (by occupancy)
Classified Transient (by occupancy)
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species

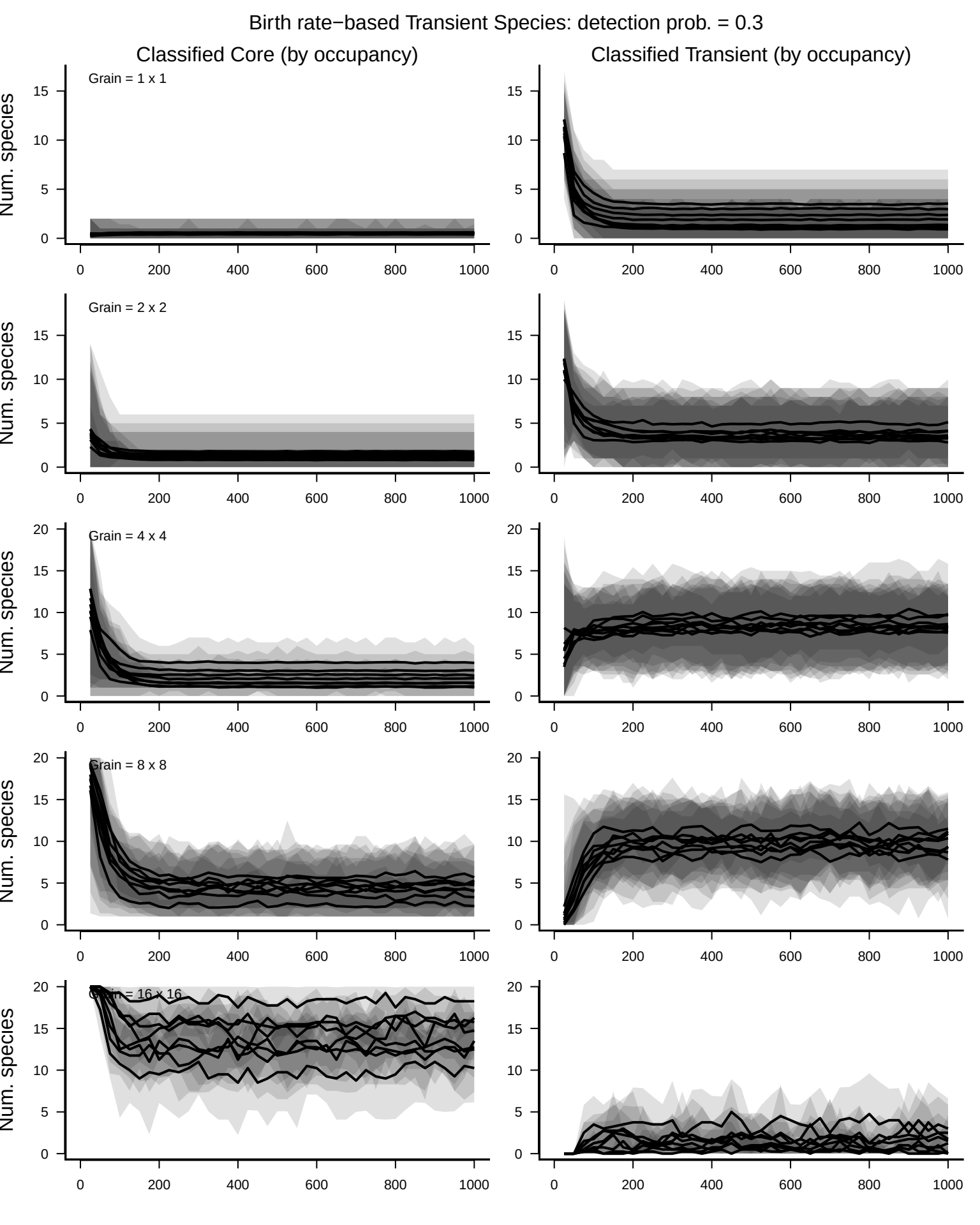

Birth rate−based categories: detection prob. = 0.3
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species
0
200
400
600
800
1000

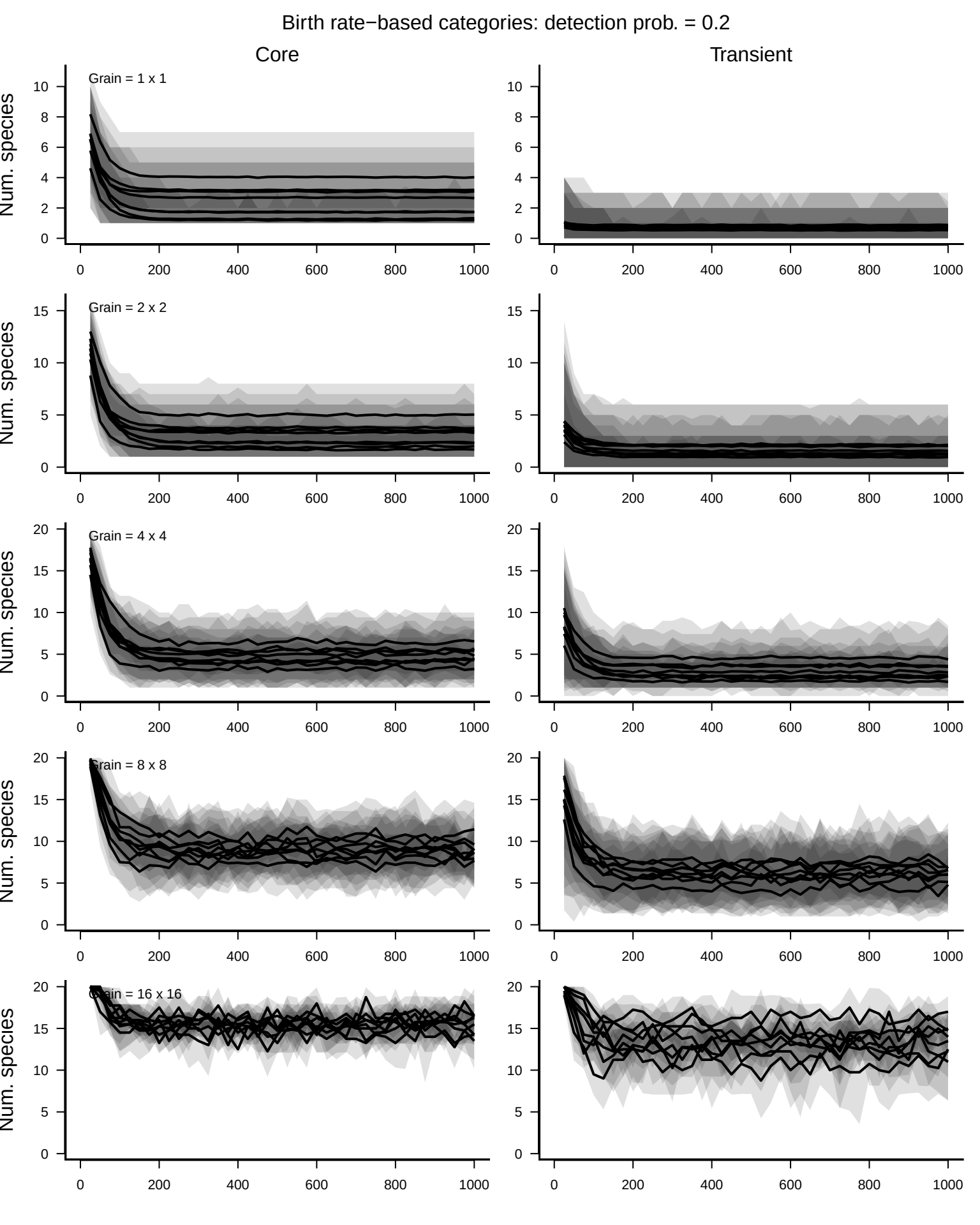

Temporal occupancy−based categories: detection prob. = 0.3
Core
Transient
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

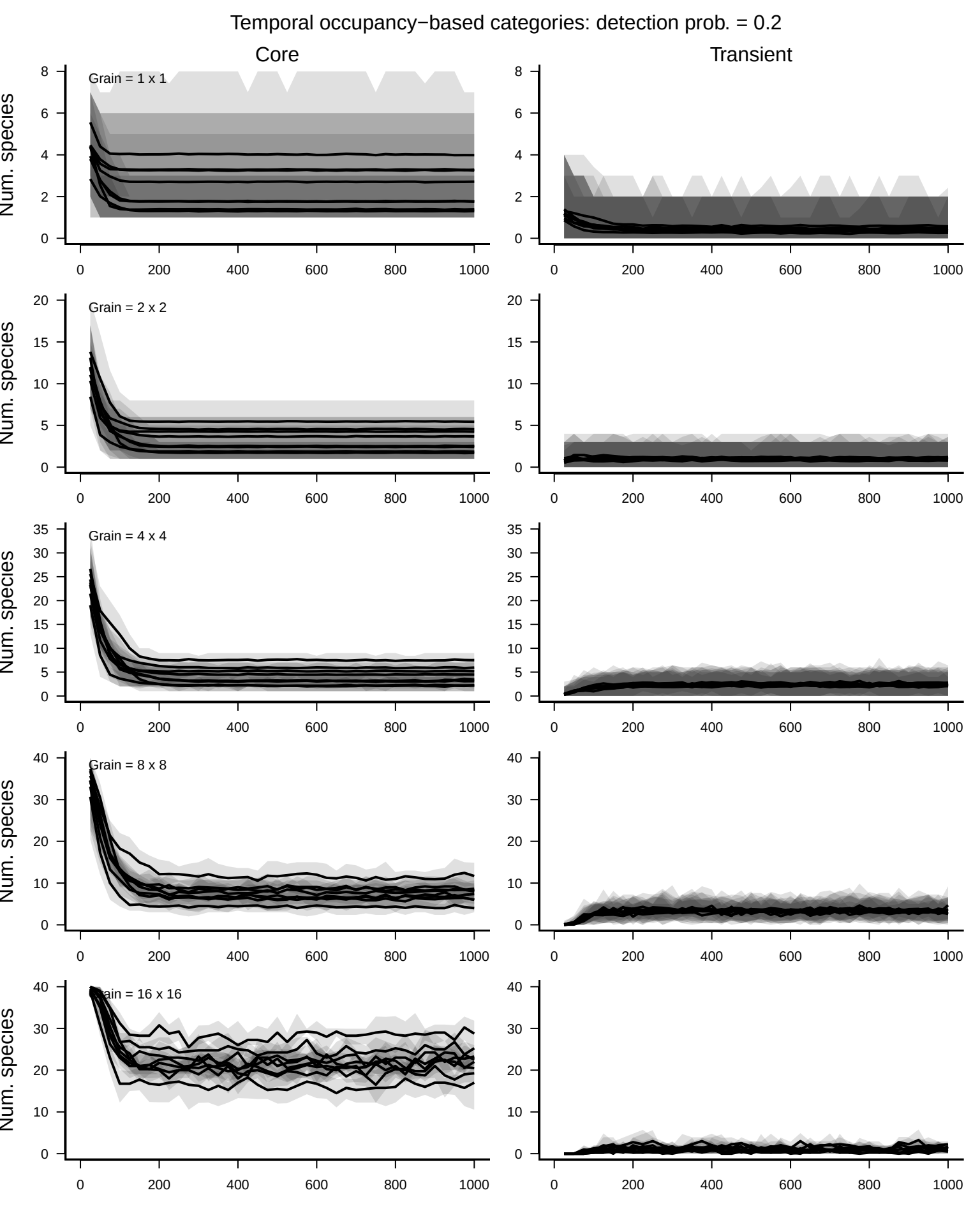

Birth rate−based categories: detection prob. = 0.3
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16

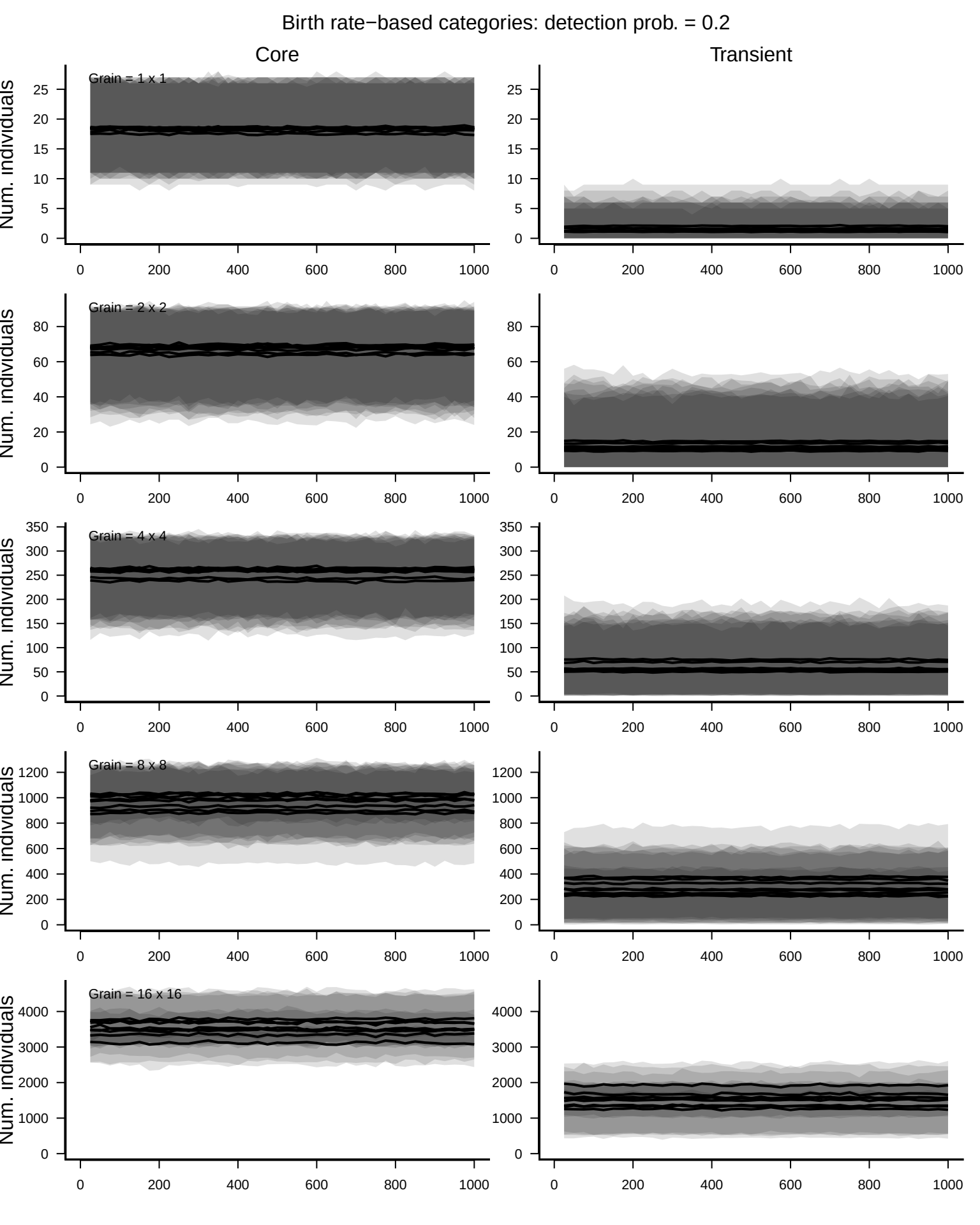

Temporal occupancy−based categories: detection prob. = 0.3
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

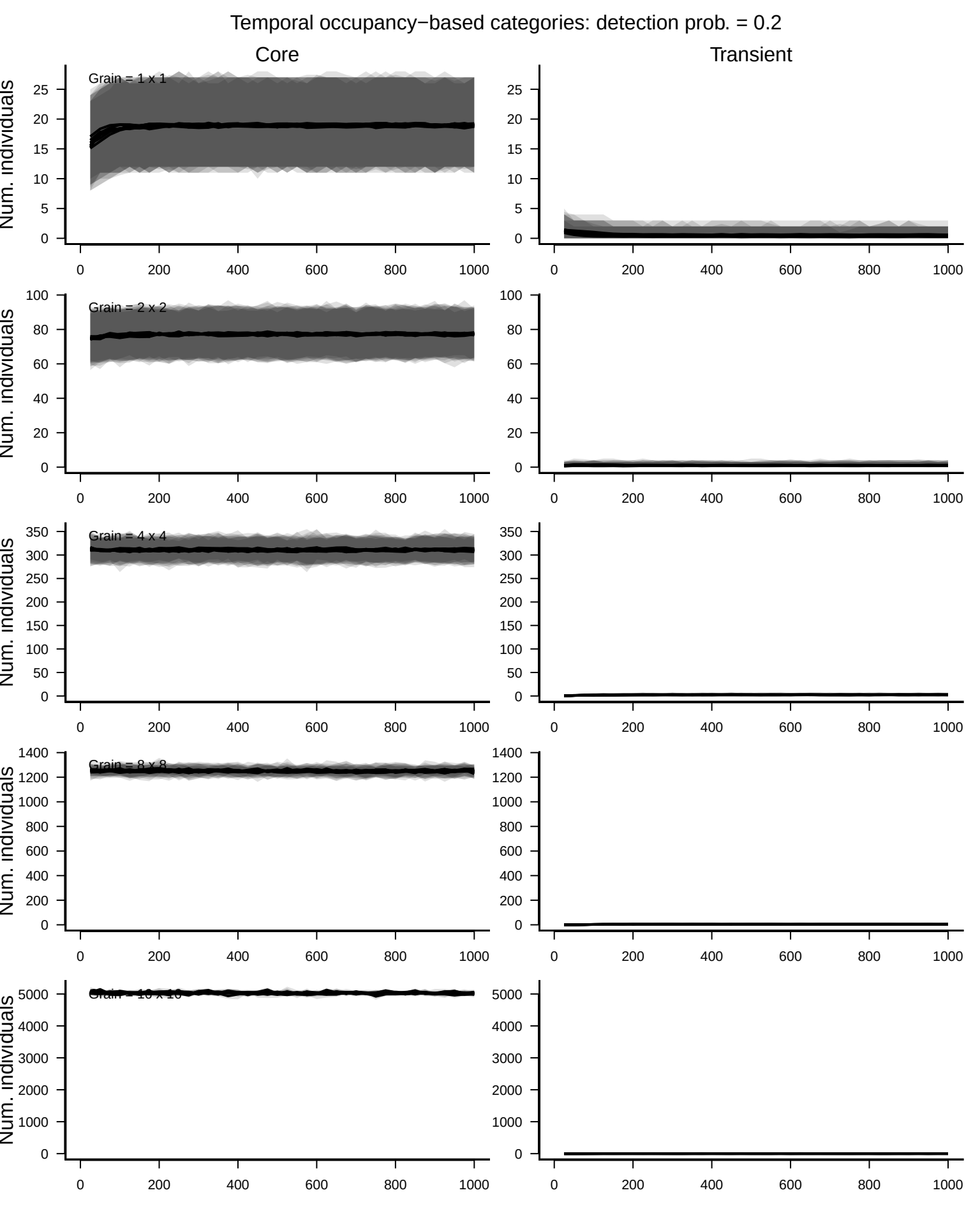

Birth rate−based Core Species: detection prob. = 0.3
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

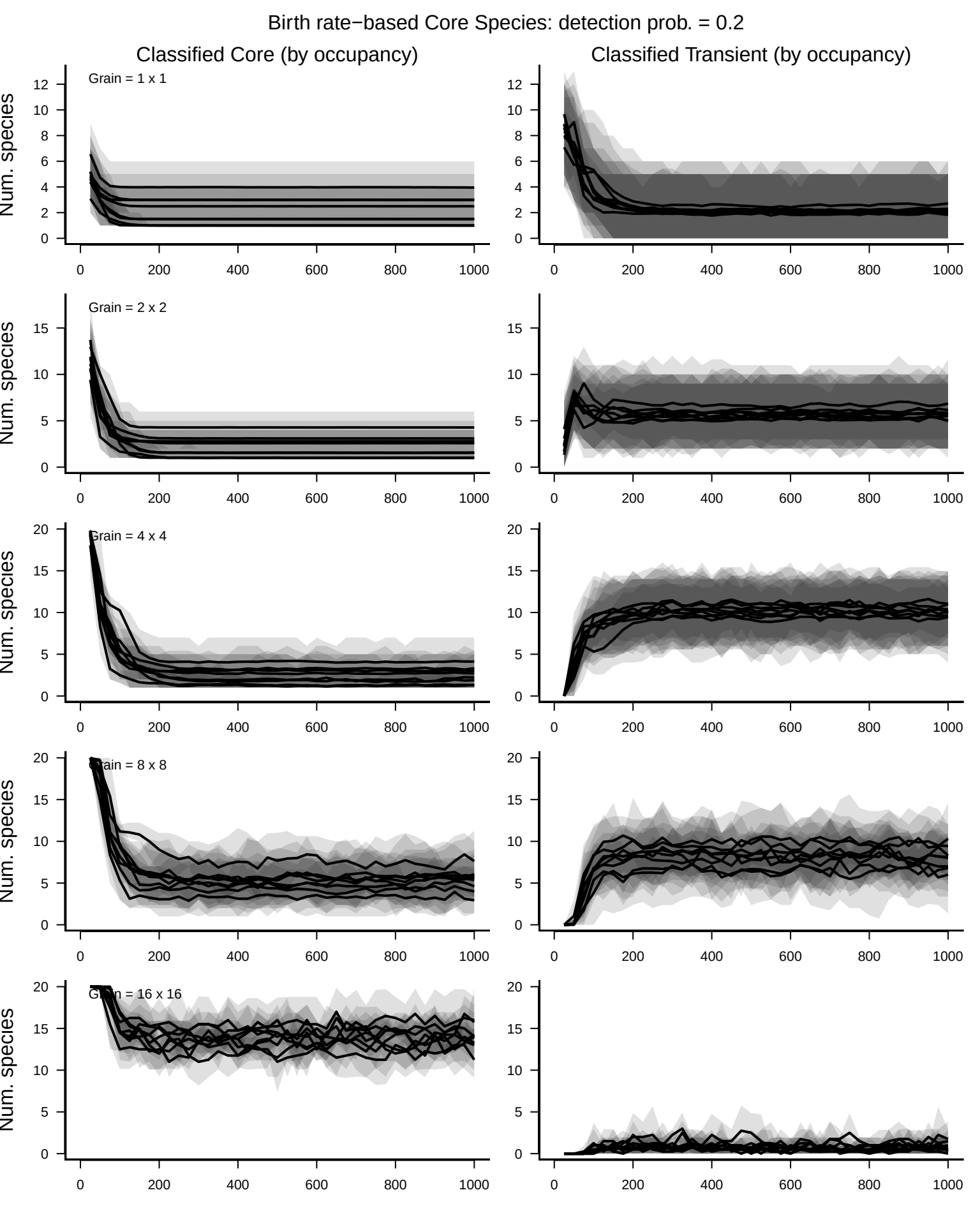

Birth rate−based Transient Species: detection prob. = 0.3
Classified Core (by occupancy)
Classified Transient (by occupancy)
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species
0
5
10
15
20
0
200
400
600
800
1000

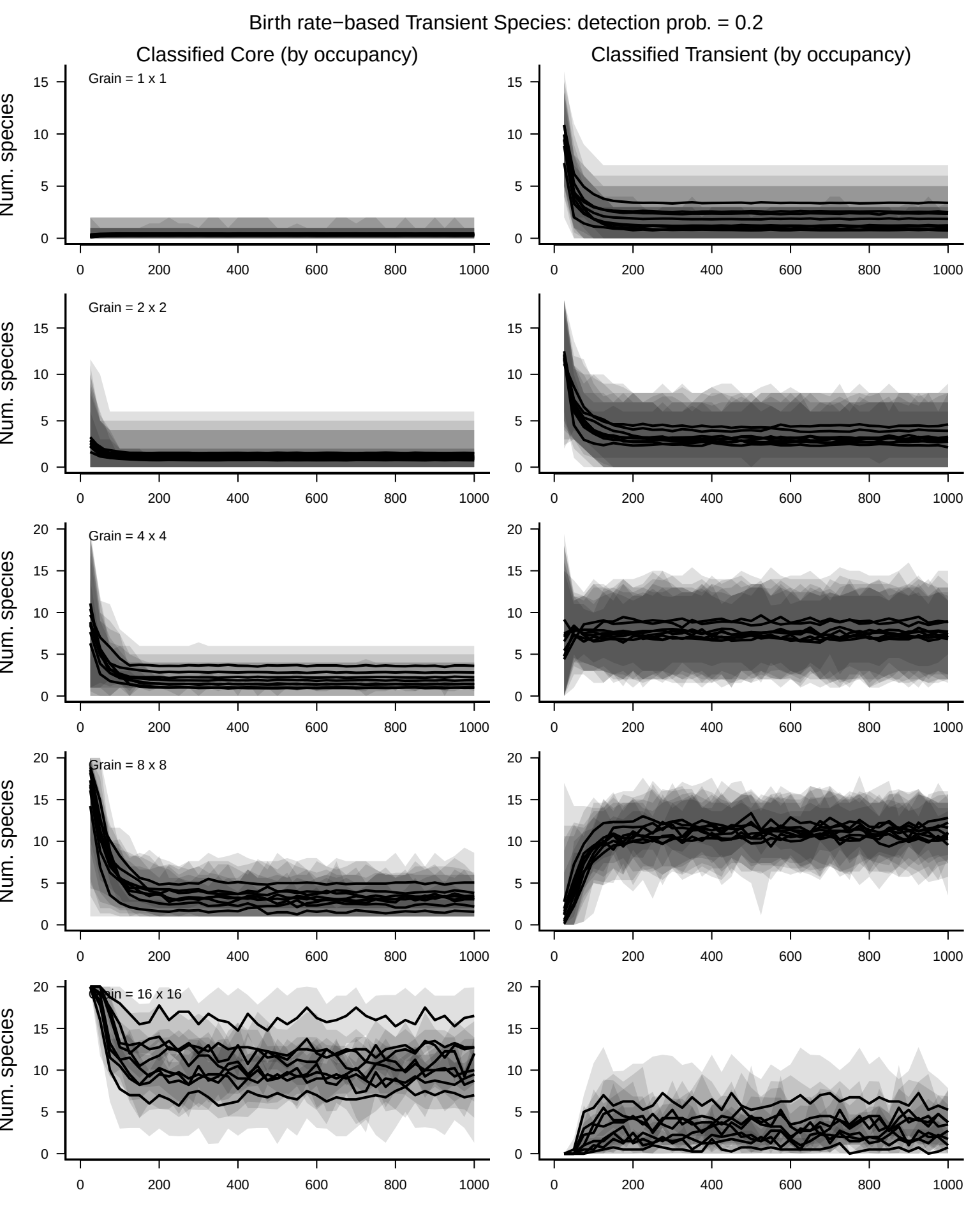

Birth rate−based categories: detection prob. = 0.2
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species
0
200
400
600
800
1000

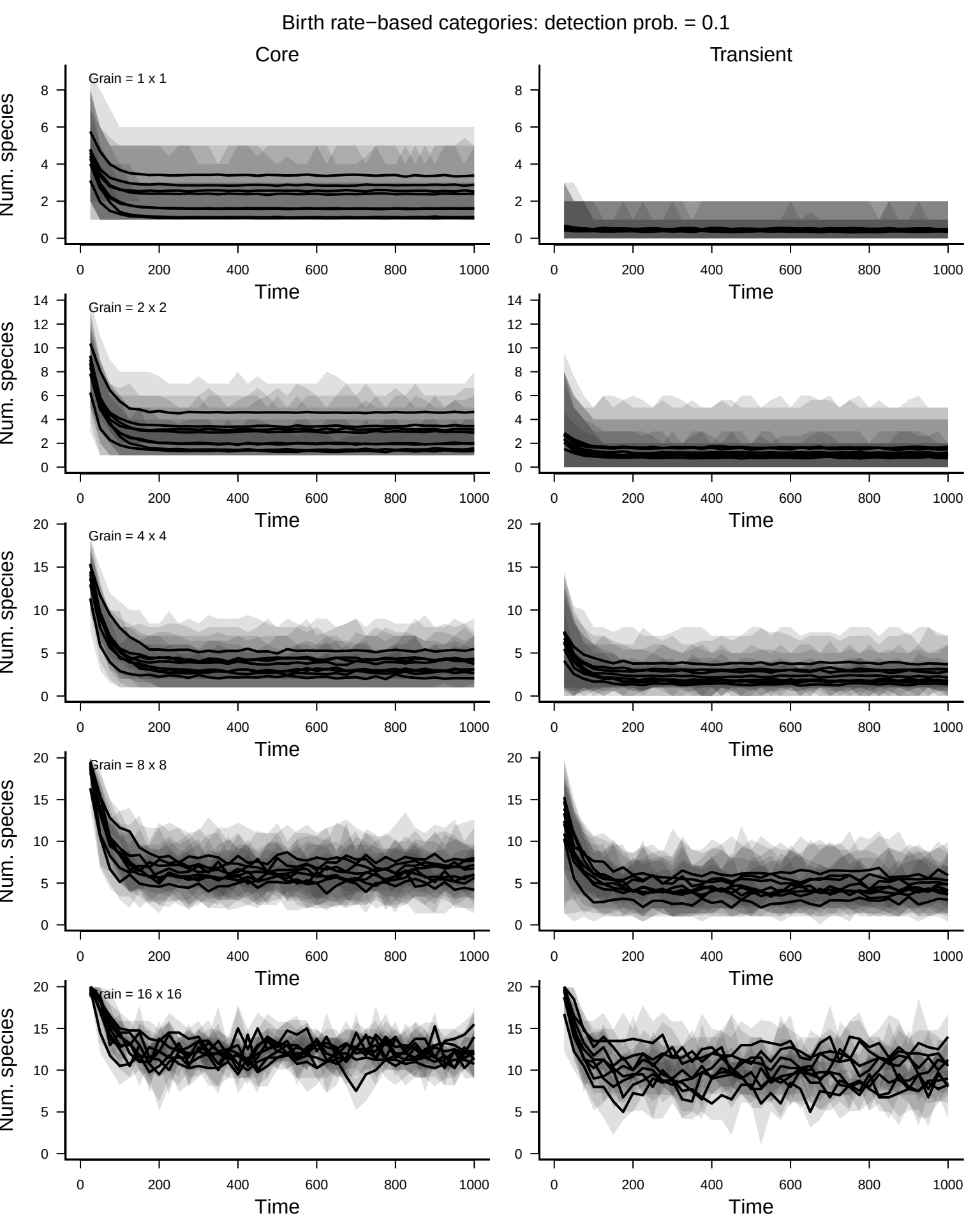

Temporal occupancy−based categories: detection prob. = 0.2
Core
Transient
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

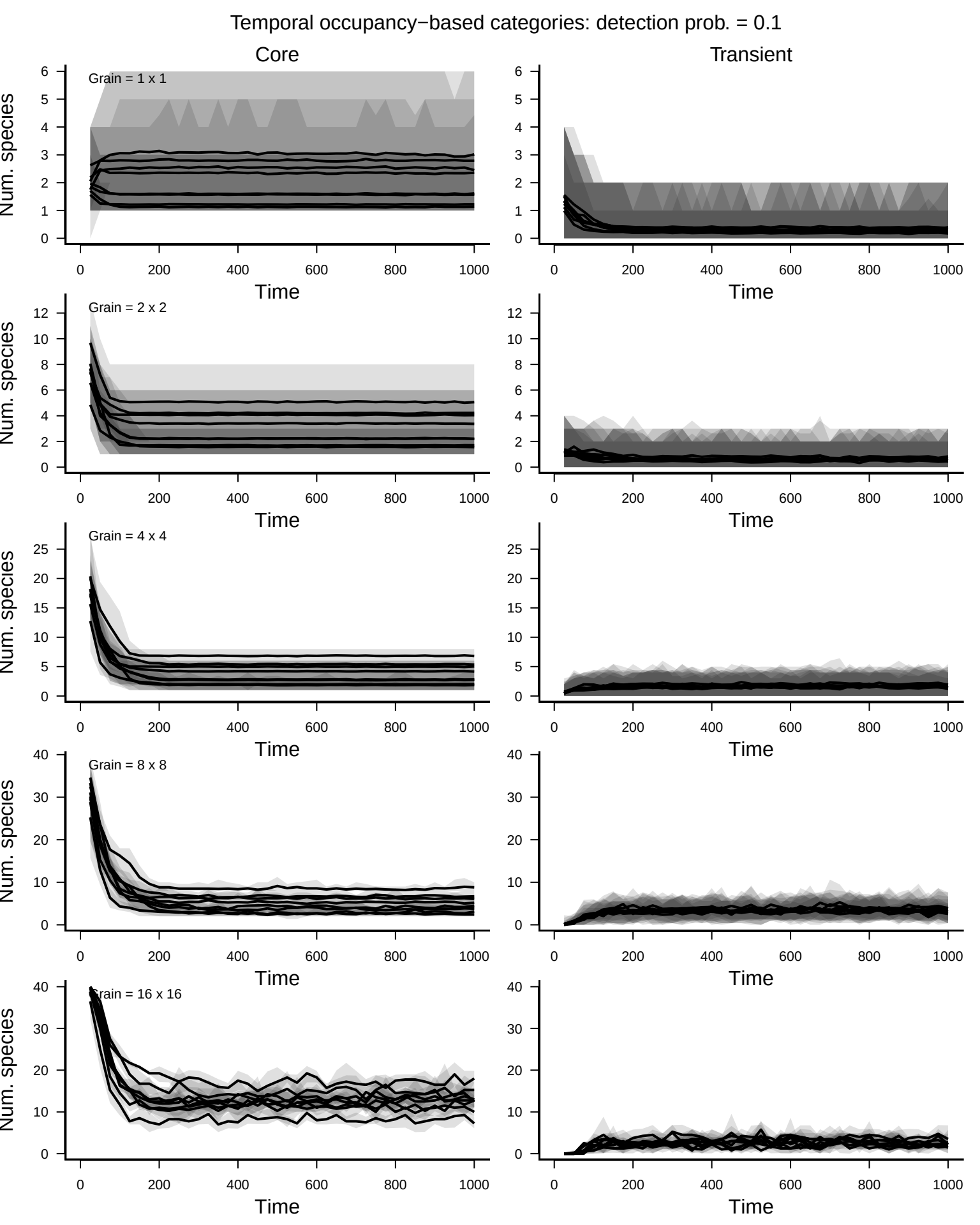

Birth rate−based categories: detection prob. = 0.2
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

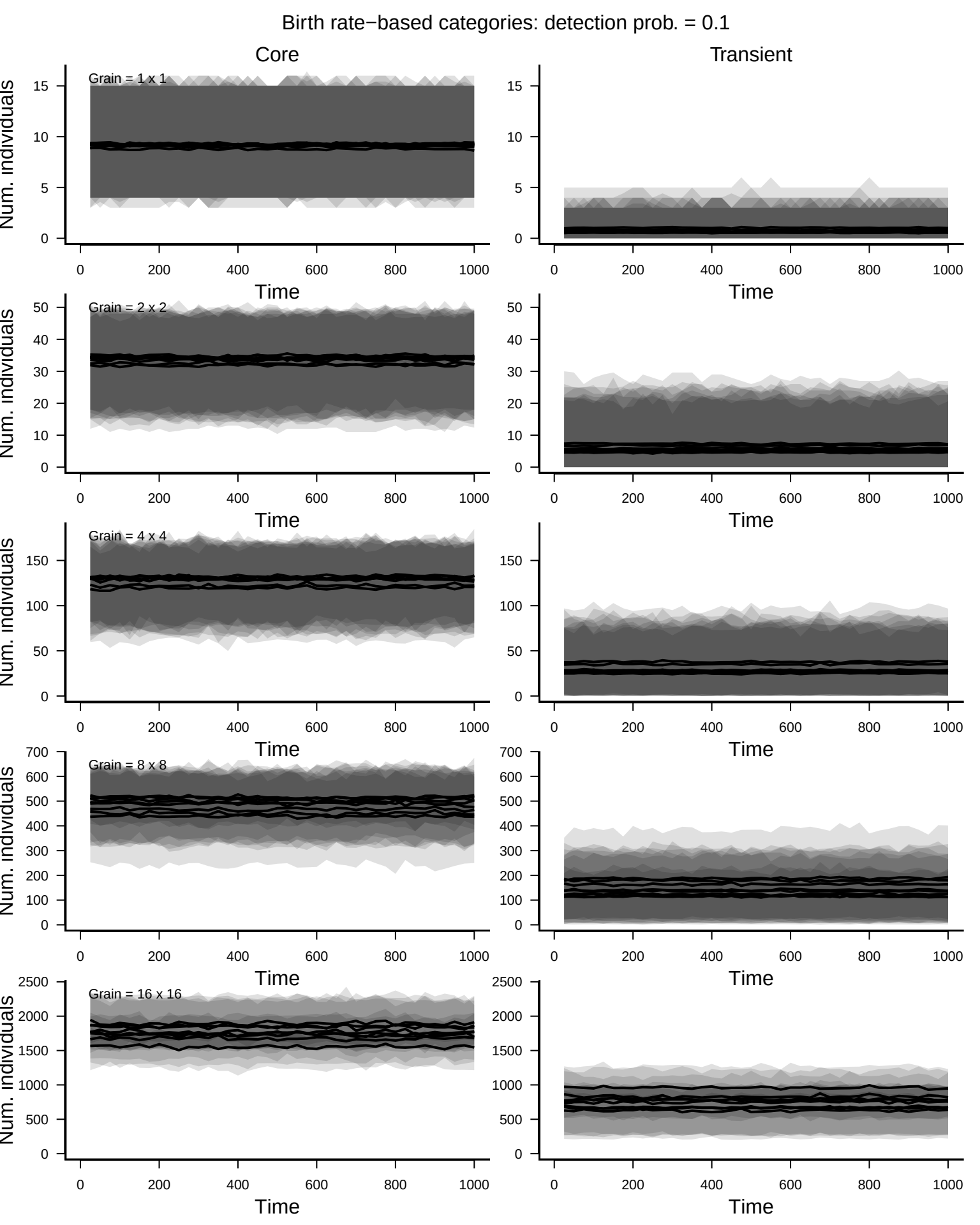

Temporal occupancy−based categories: detection prob. = 0.2
Core
Transient
Num. individuals
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

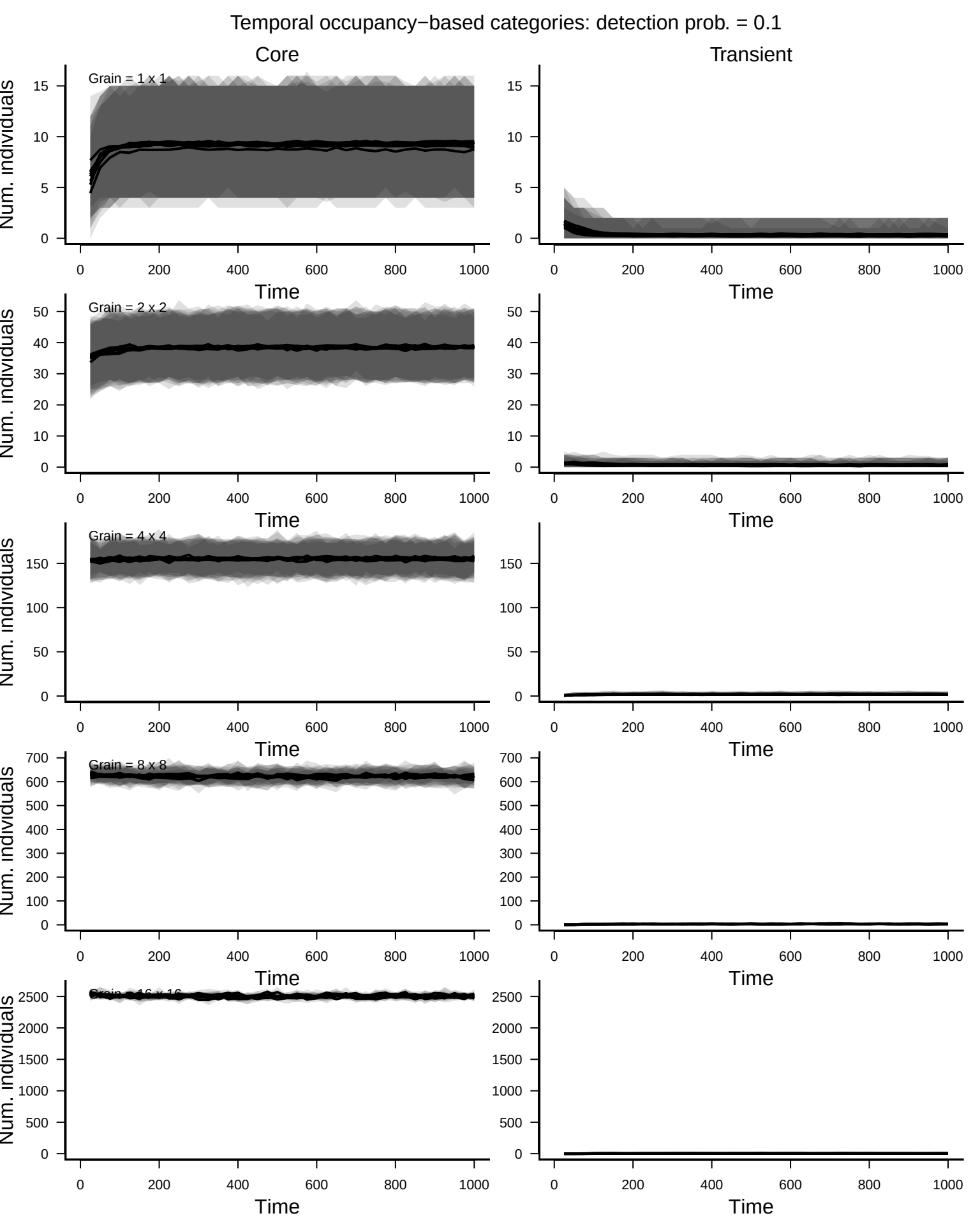

Birth rate−based Core Species: detection prob. = 0.2
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
200
400
600
800
1000

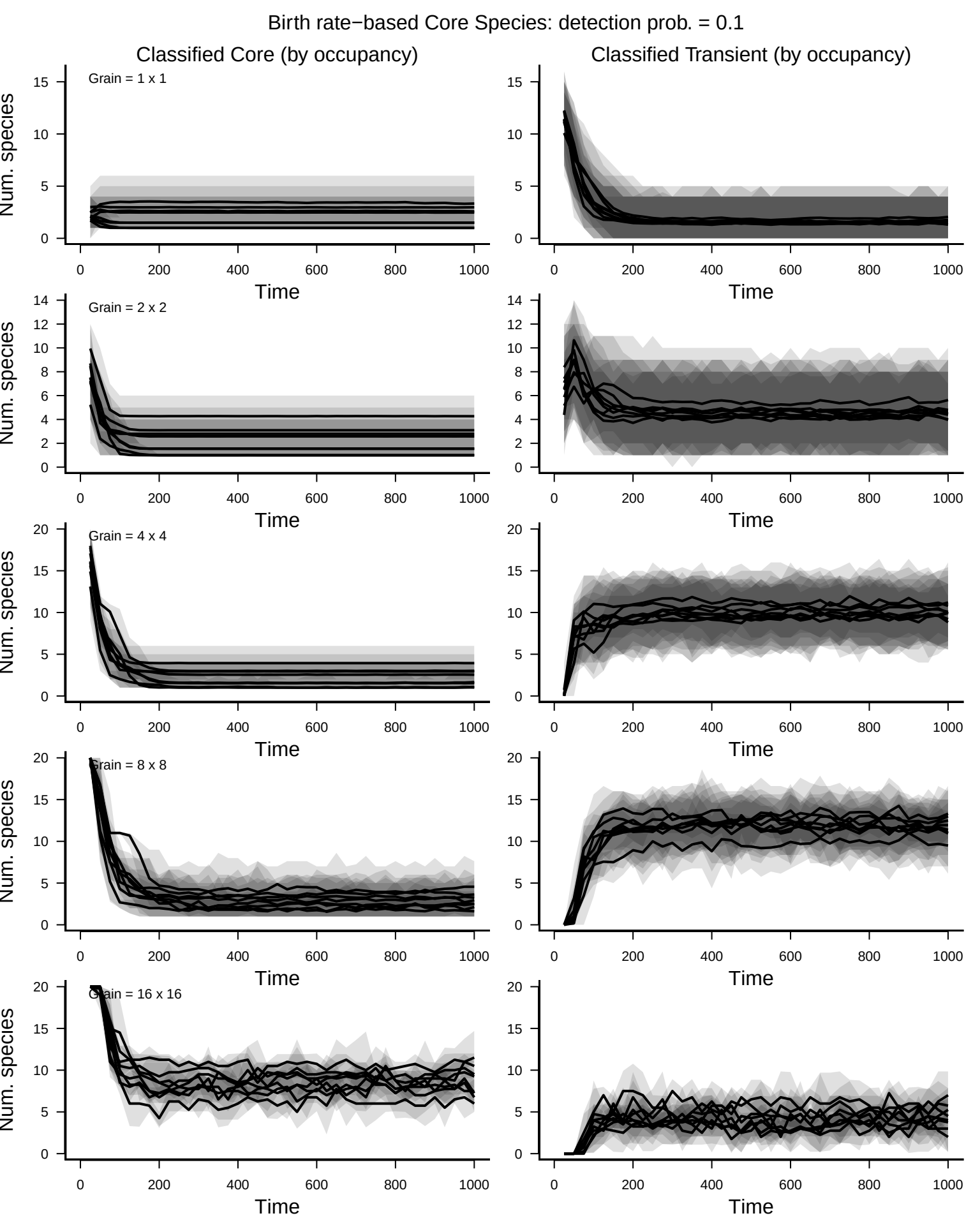

Birth rate−based Transient Species: detection prob. = 0.2
Classified Core (by occupancy)
Classified Transient (by occupancy)
Num. species
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
0
5
10
15
20
0
200
400
600
800
1000

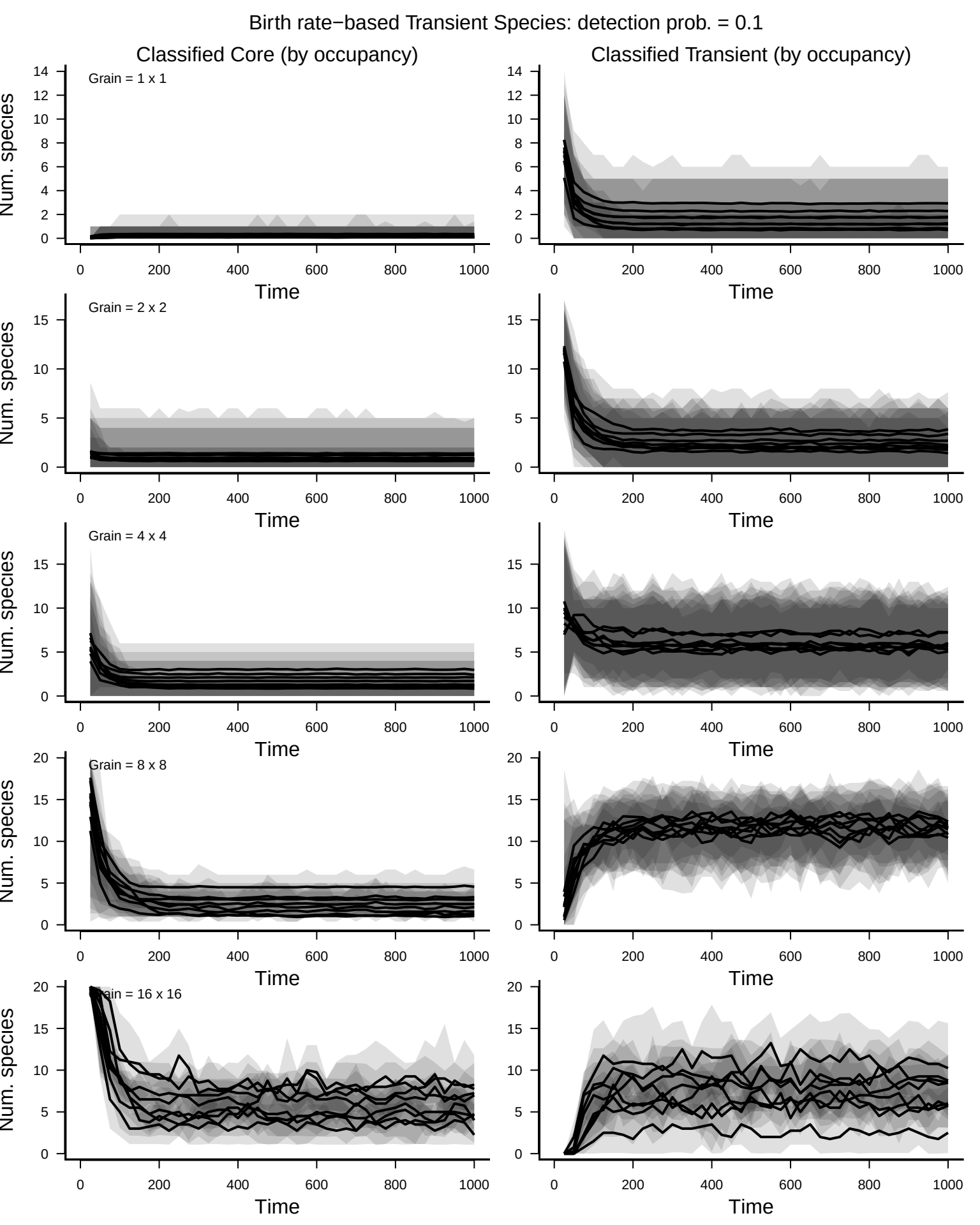

Birth rate−based categories: detection prob. = 0.1
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species
Time


Temporal occupancy−based categories: detection prob. = 0.1
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species
Time


Birth rate−based categories: detection prob. = 0.1
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. individuals
Time


Temporal occupancy−based categories: detection prob. = 0.1
Core
Transient
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. individuals
Time
0
200
400
600
800
1000
5
10
15
20
30
40
50
100
150
500
700
1500
2000
2500


Birth rate−based Core Species: detection prob. = 0.1
Classified Core (by occupancy)
Classified Transient (by occupancy)
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species
Time


Birth rate−based Transient Species: detection prob. = 0.1
Classified Core (by occupancy)
Classified Transient (by occupancy)
Grain = 1 x 1
Grain = 2 x 2
Grain = 4 x 4
Grain = 8 x 8
Grain = 16 x 16
Num. species
Time