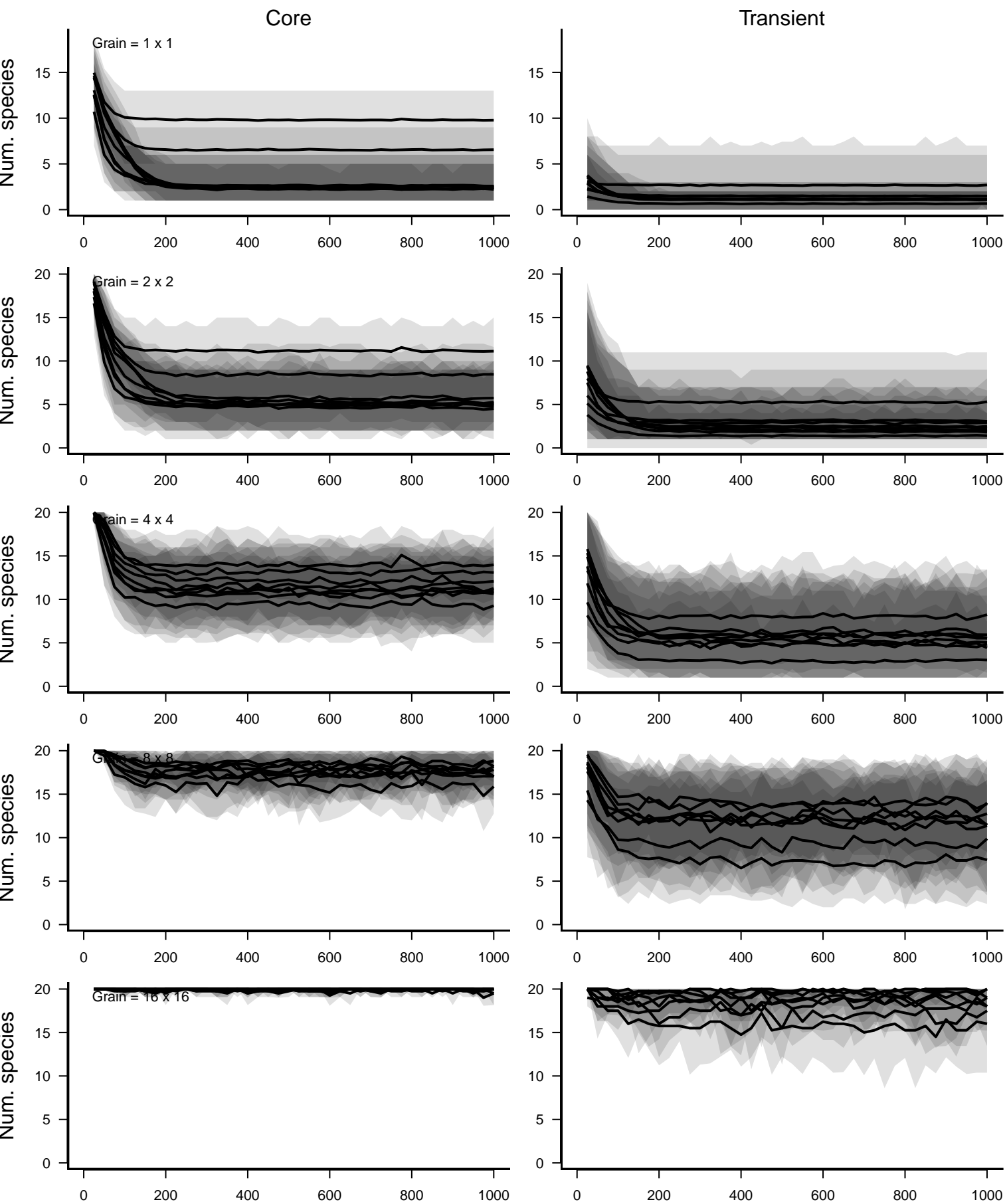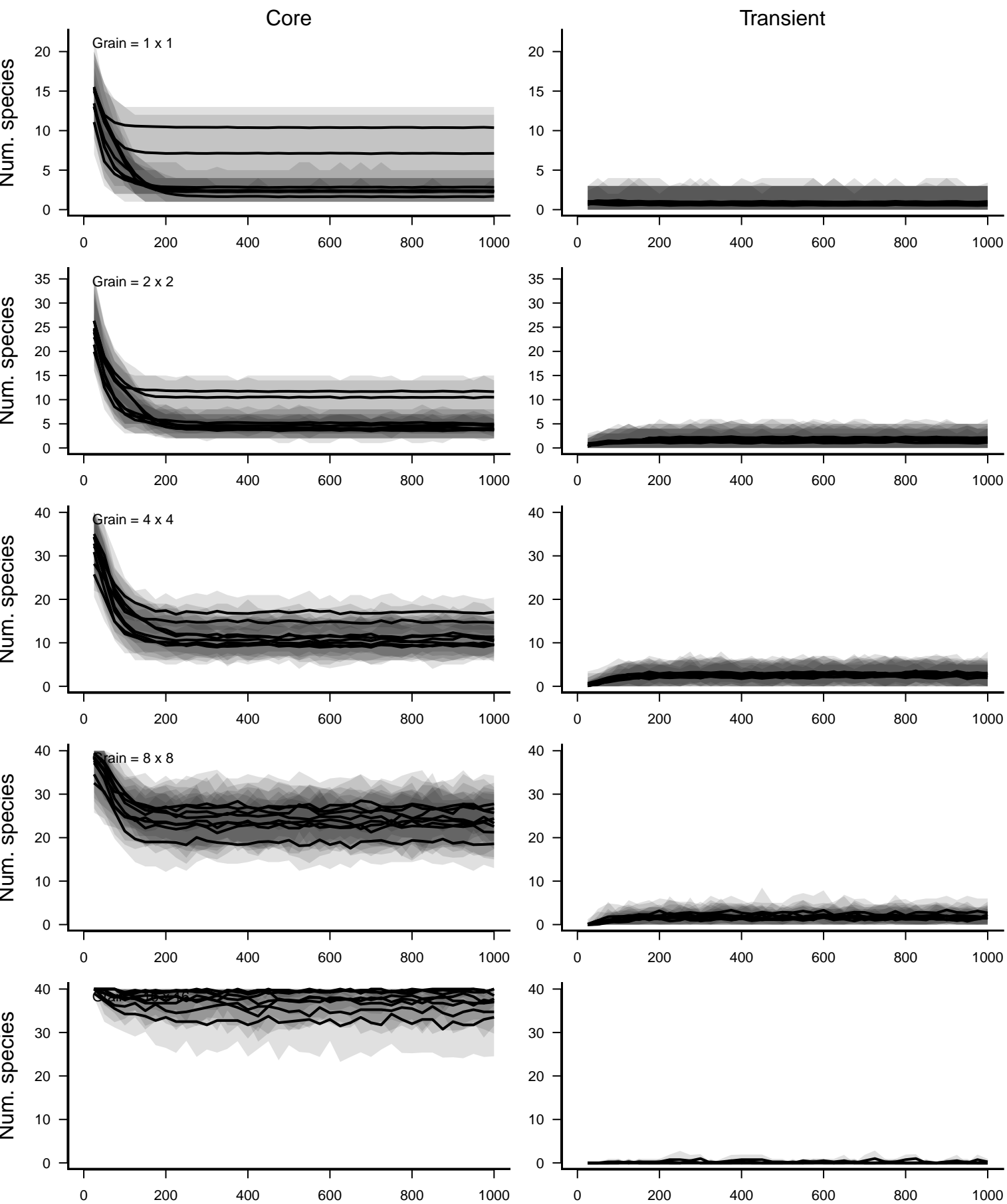Birth rate−based categories: detection prob. = 1
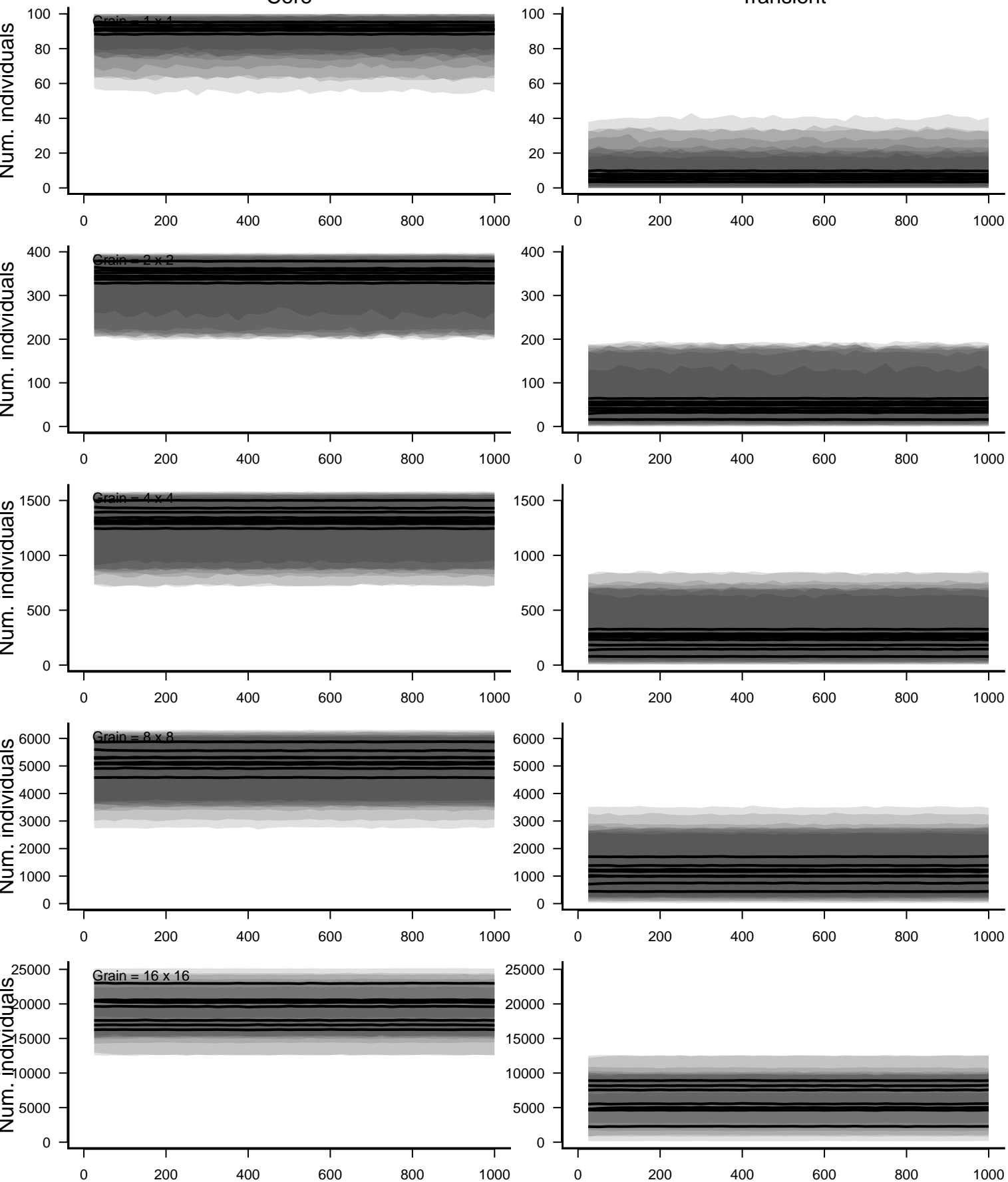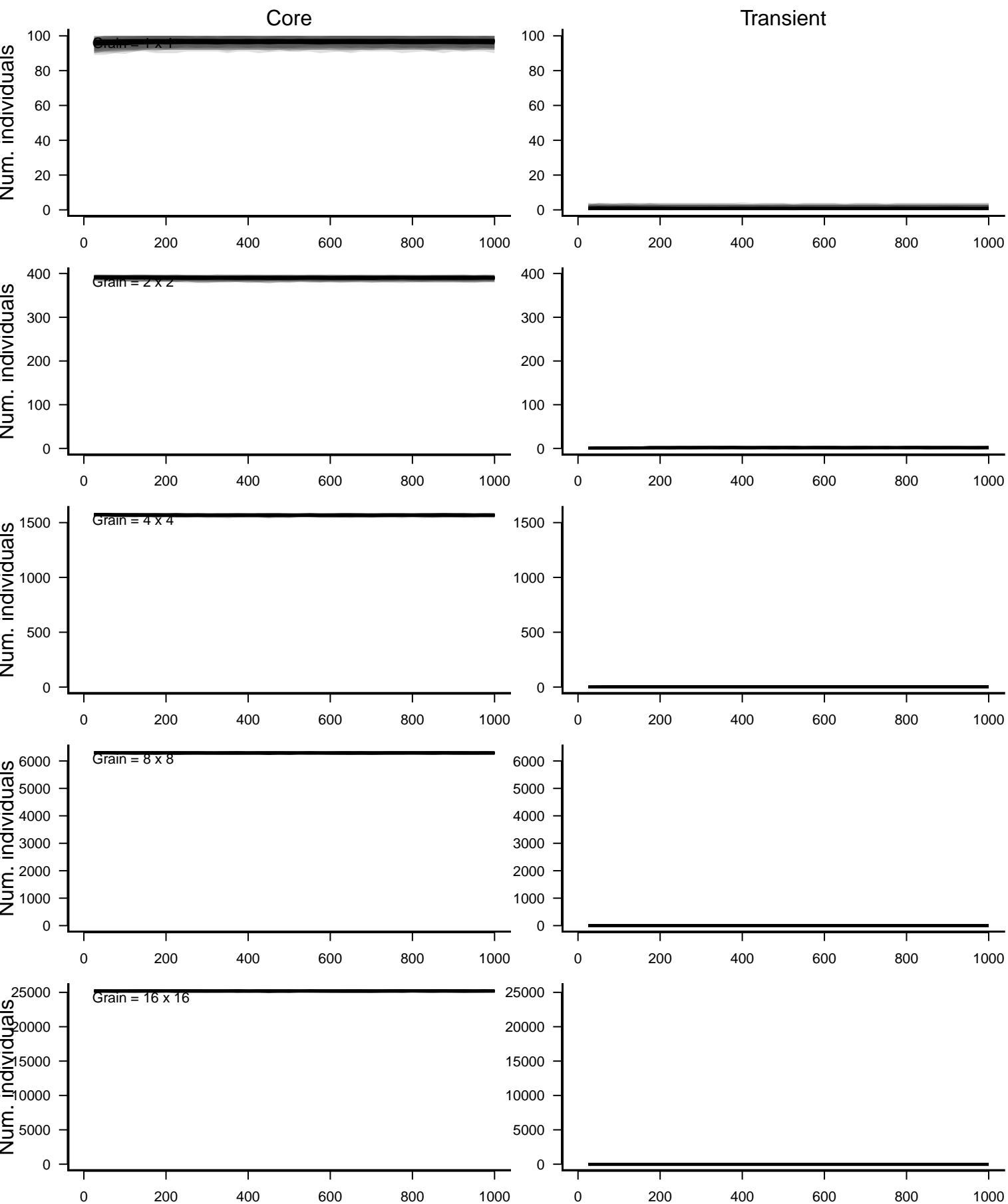
Temporal occupancy−based categories: detection prob. = 1

Birth rate−based categories: detection prob. = 1

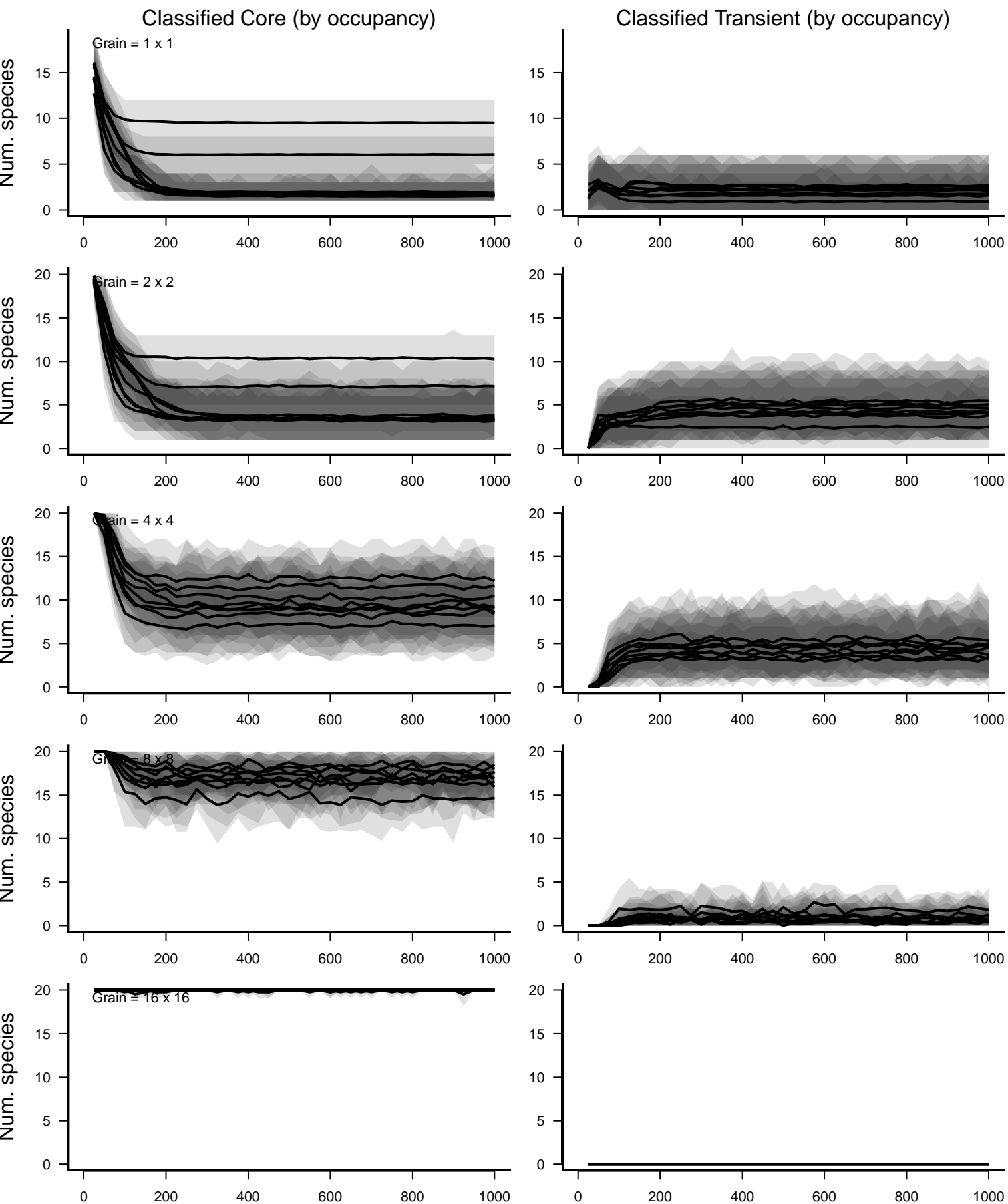# Temporal occupancy−based categories: detection prob. = 1

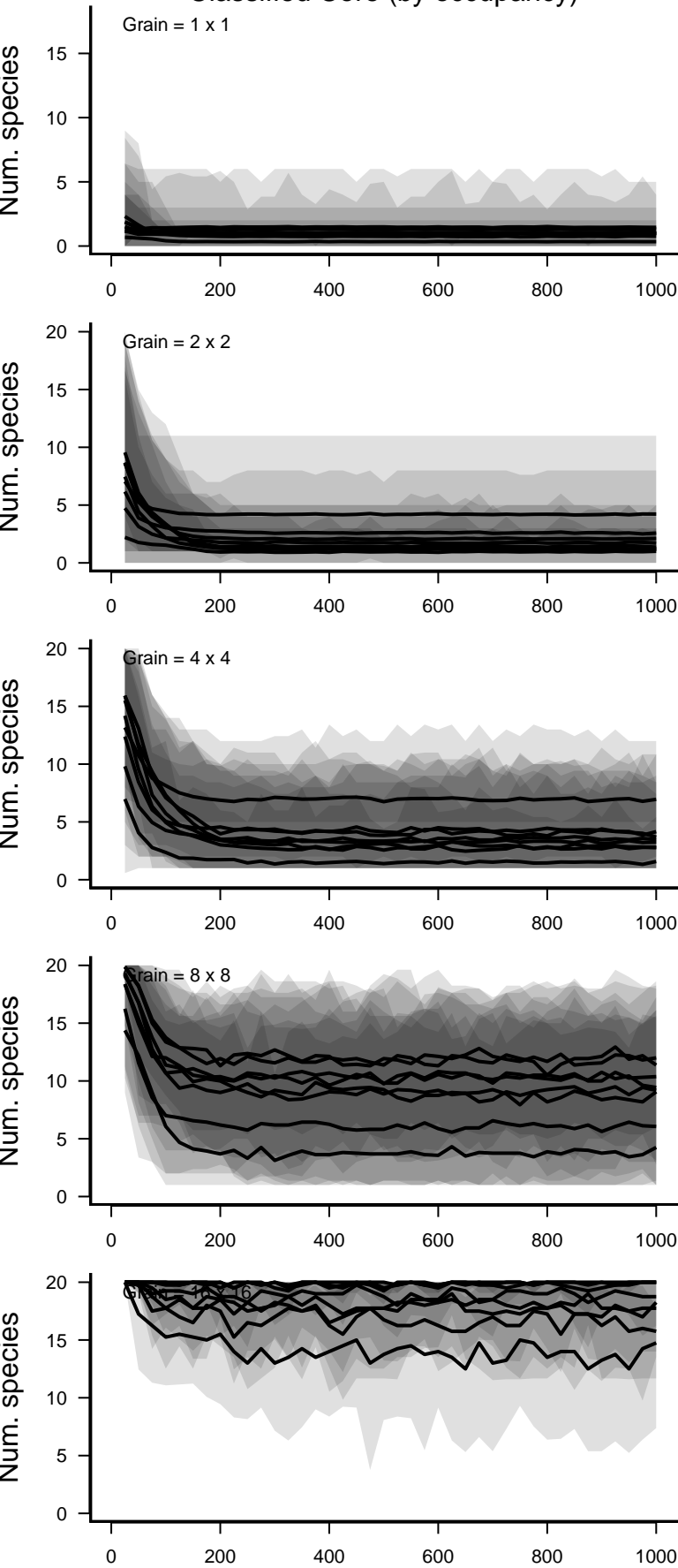# Birth rate−based Core Species: detection prob. = 1

Classified Core (by occupancy)
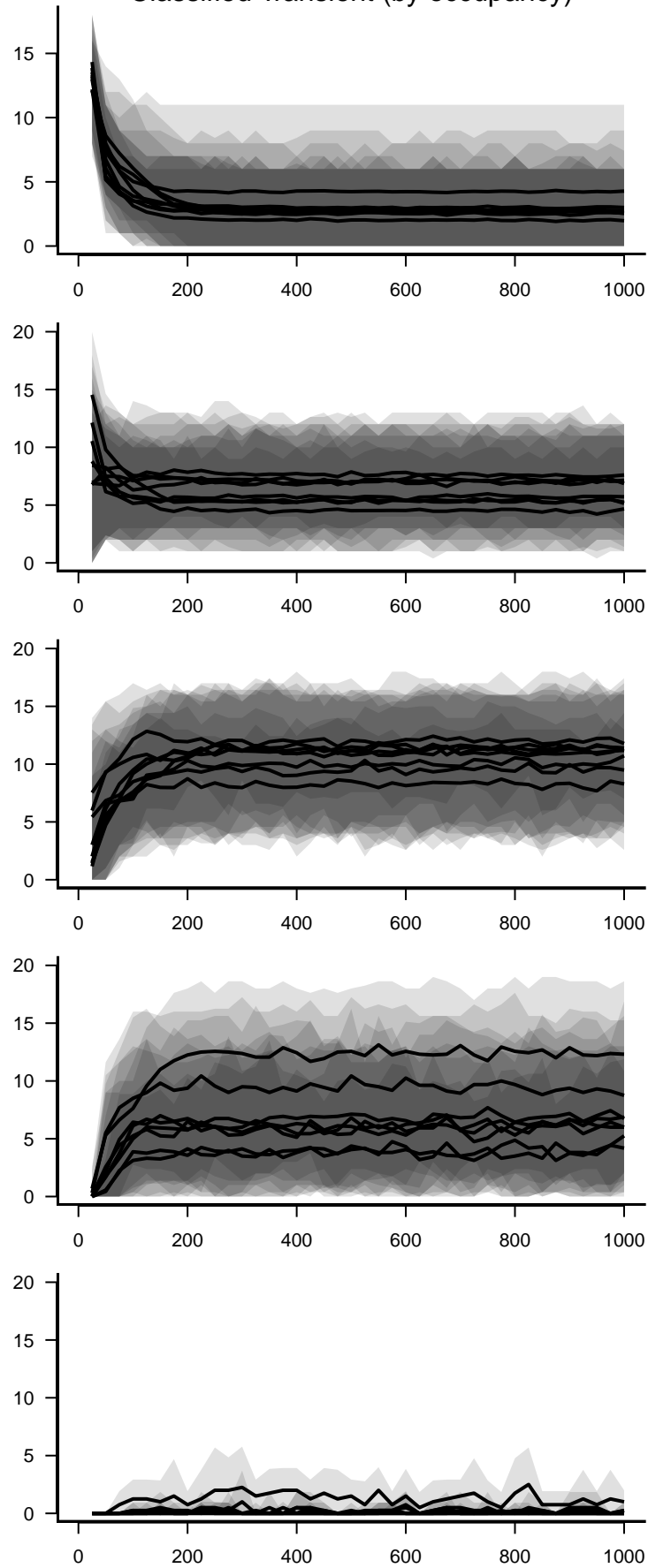
Classified Transient (by occupancy)

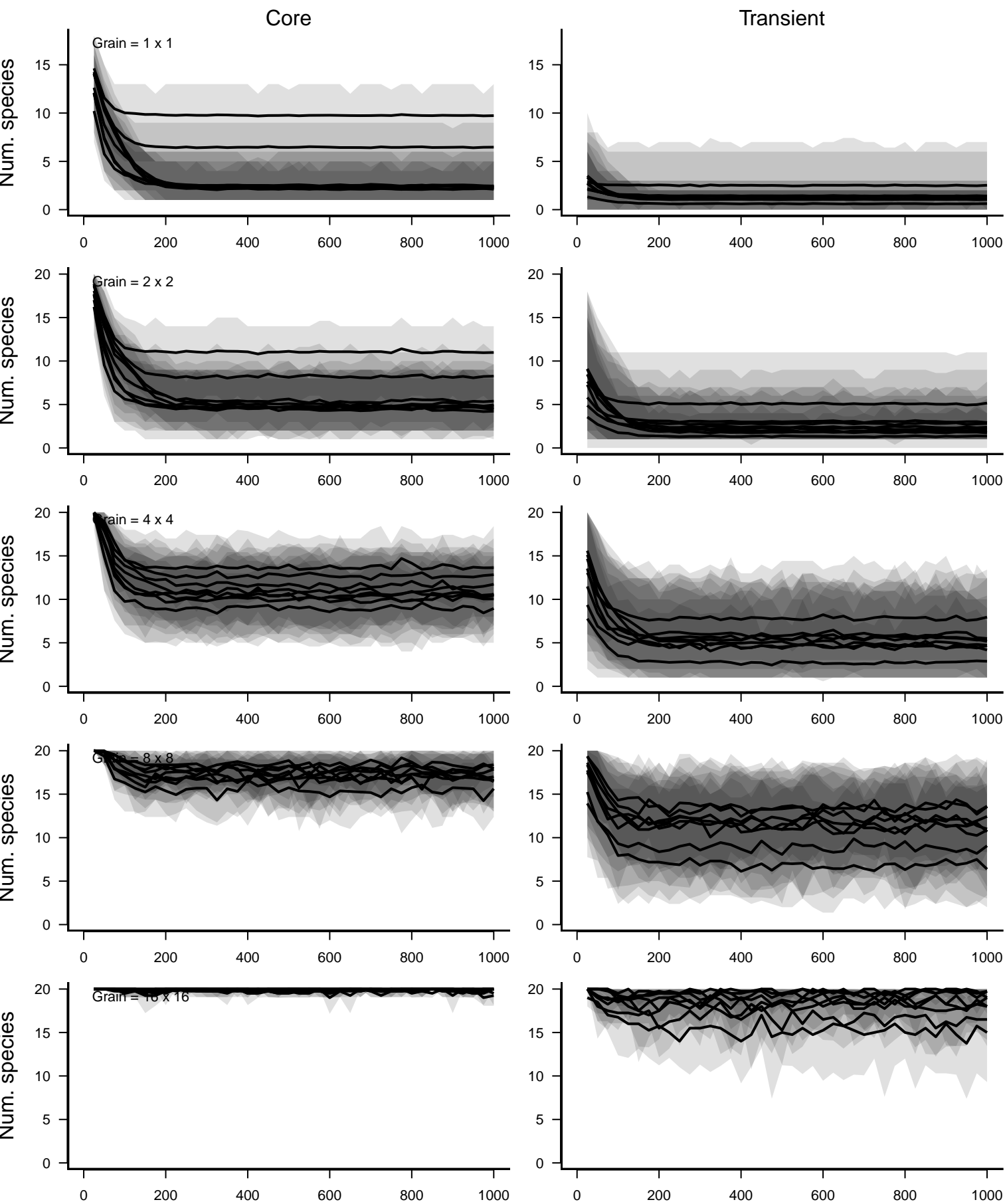# Birth rate−based Transient Species: detection prob. = 1
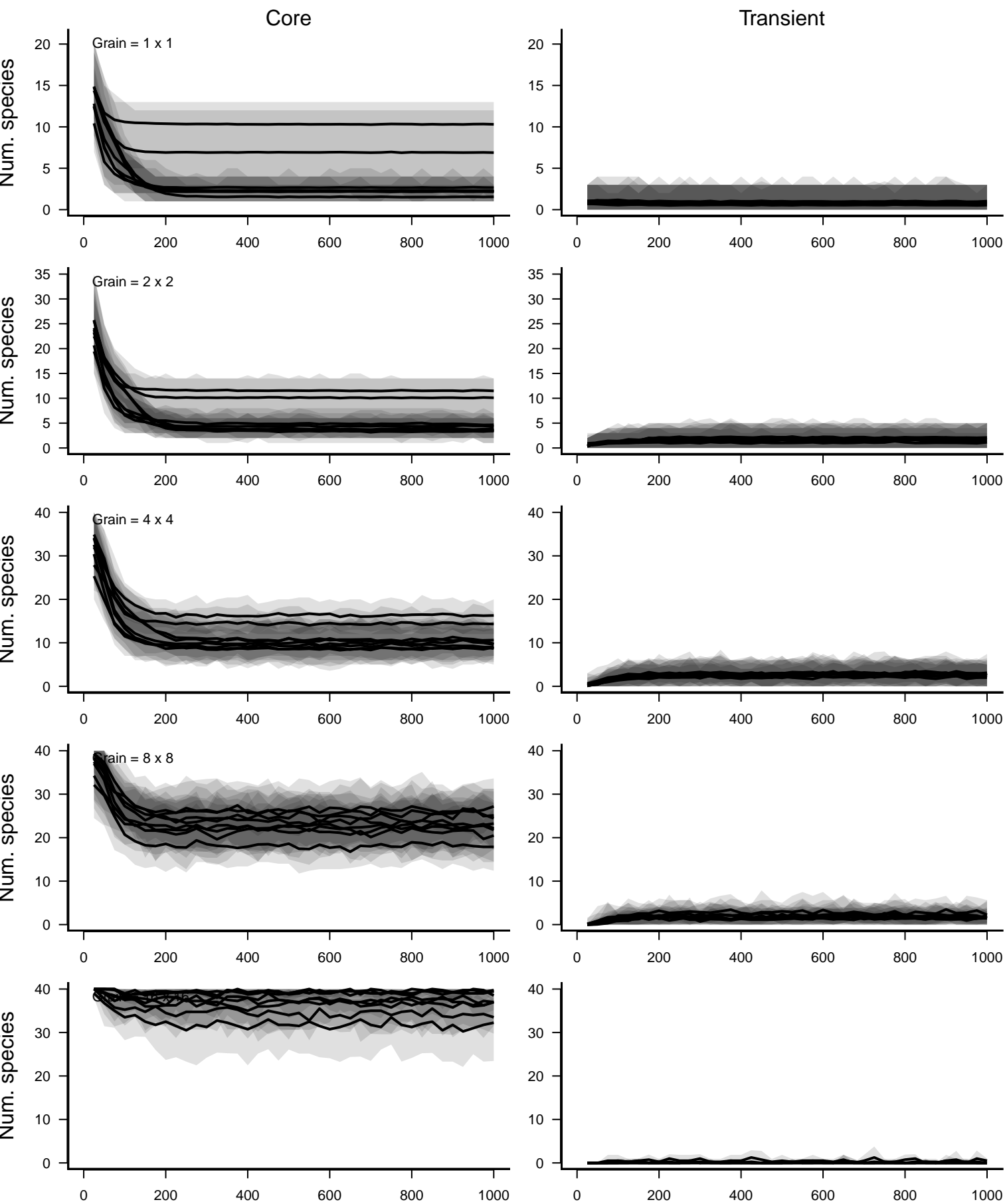
Classified Core (by occupancy)

Classified Transient (by occupancy)
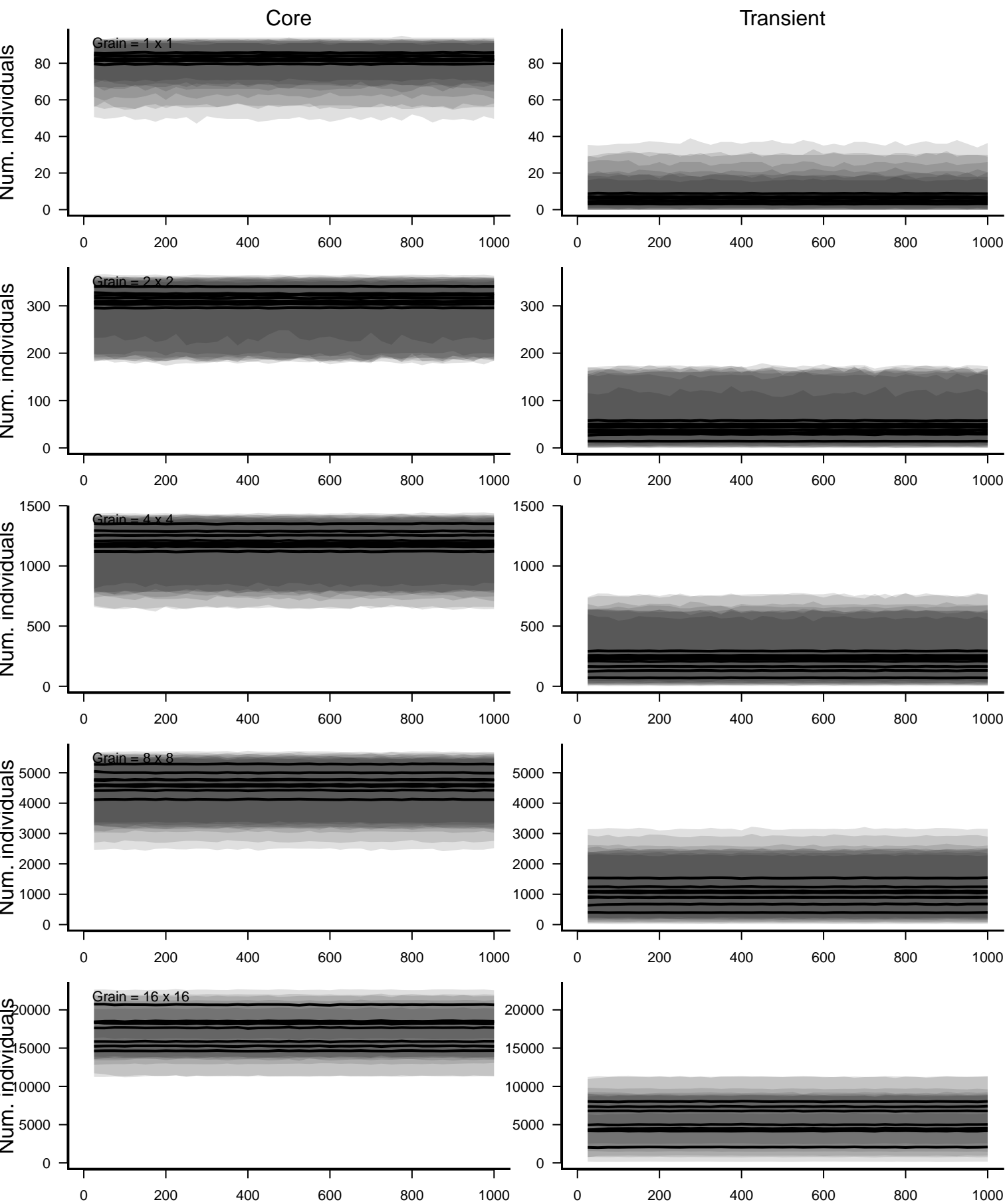
Birth rate−based categories: detection prob. = 0.9

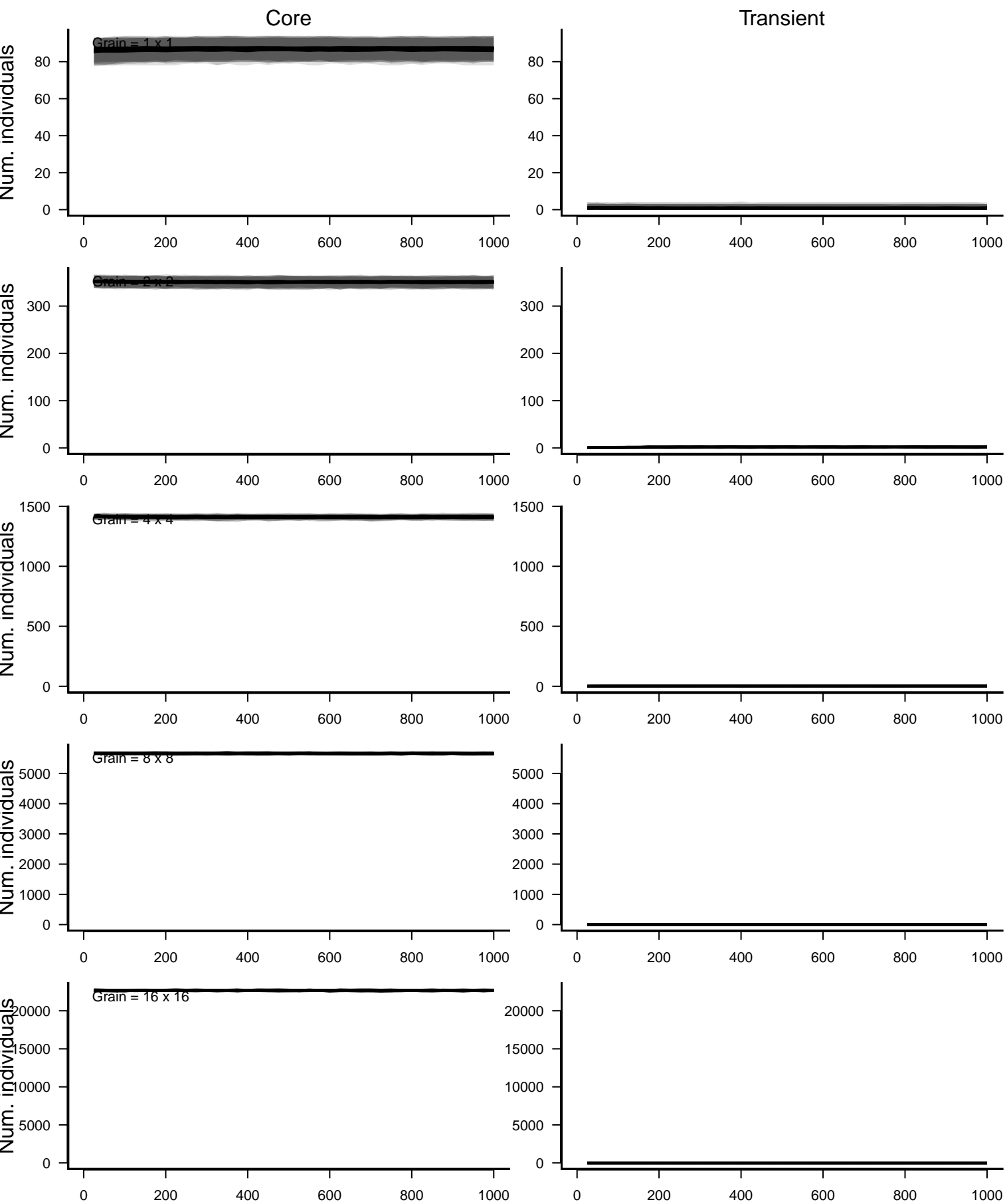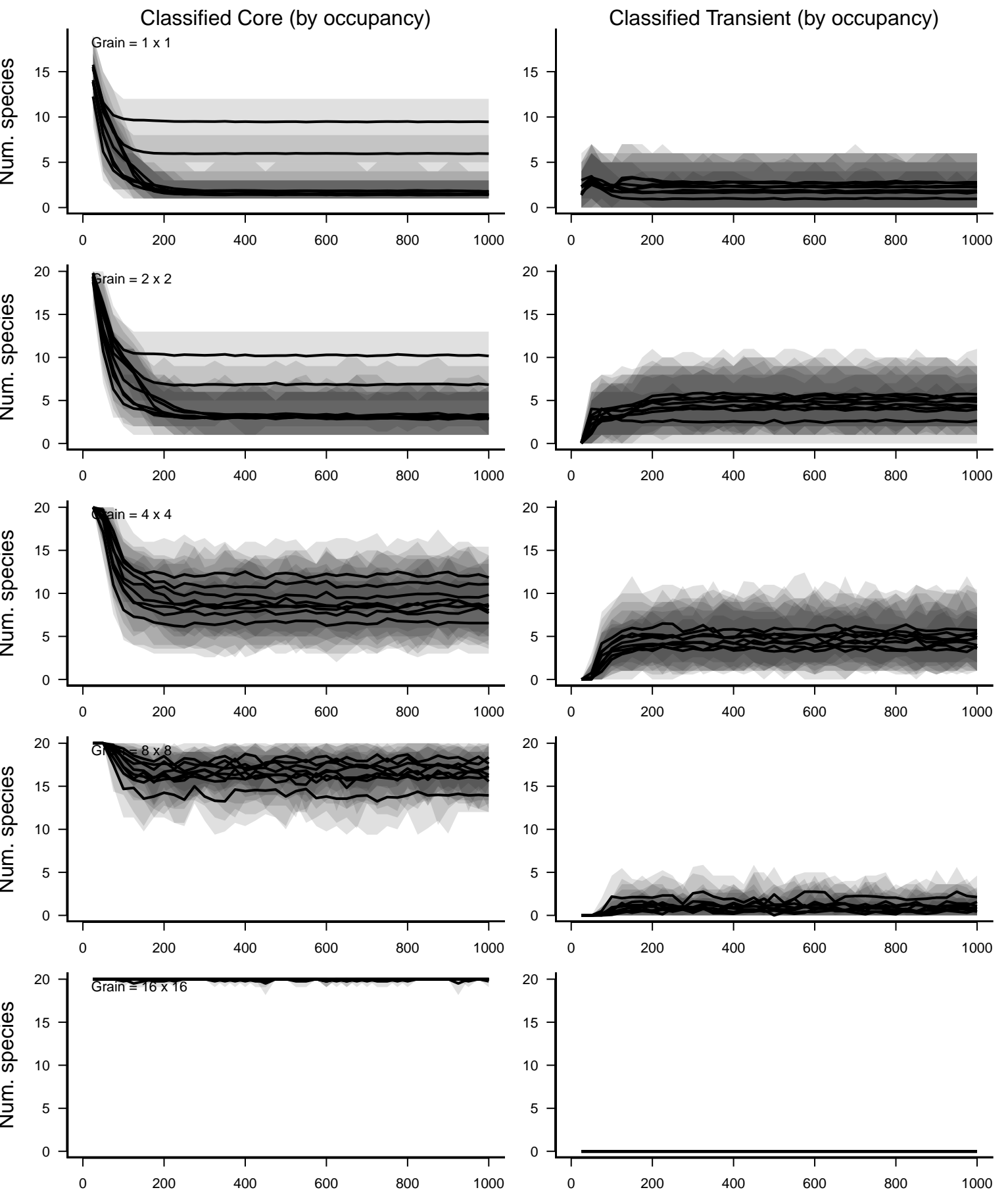# Temporal occupancy−based categories: detection prob. = 0.9

Core

Transient

Birth rate−based categories: detection prob. = 0.9

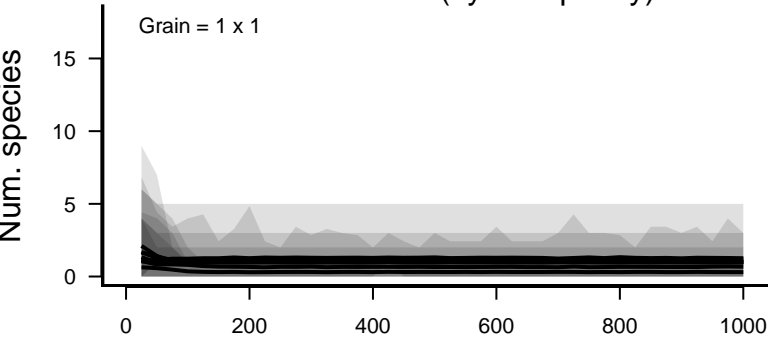# Temporal occupancy−based categories: detection prob. = 0.9

Birth rate−based Core Species: detection prob. = 0.9

Classified Core (by occupancy)
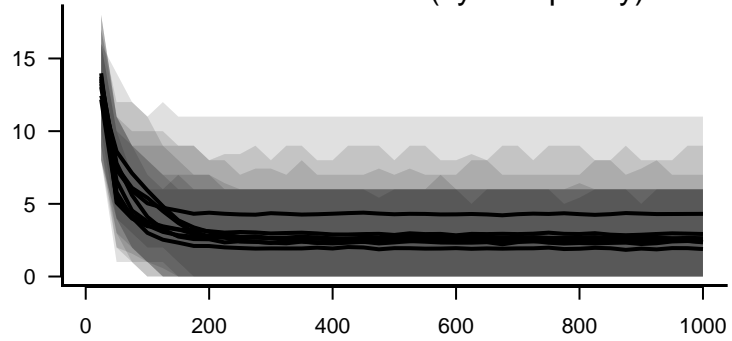
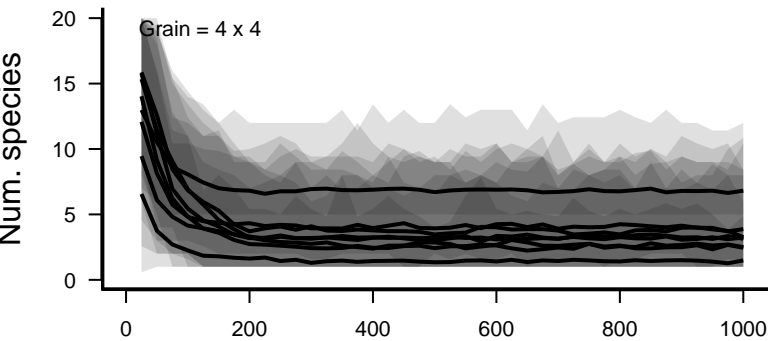## Classified Transient (by occupancy)

Birth rate−based Transient Species: detection prob. = 0.9

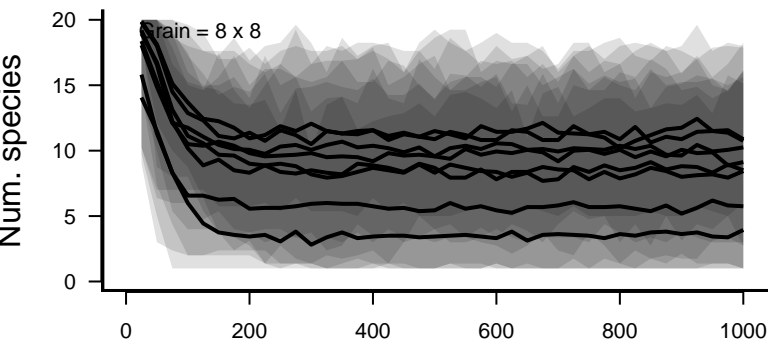## Classified Core (by occupancy)
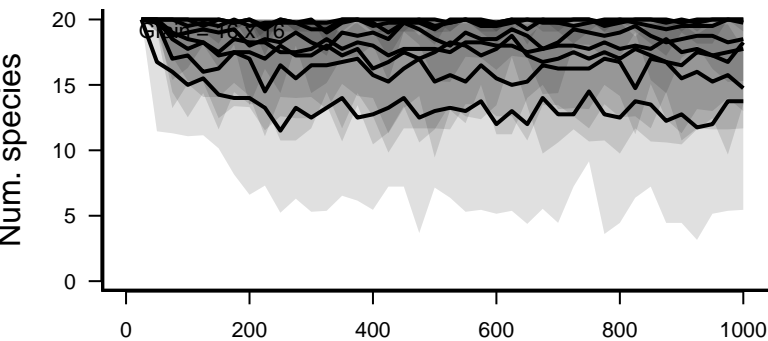
Classified Transient (by occupancy)

Birth rate−based categories: detection prob. = 0.8

Core

Transient
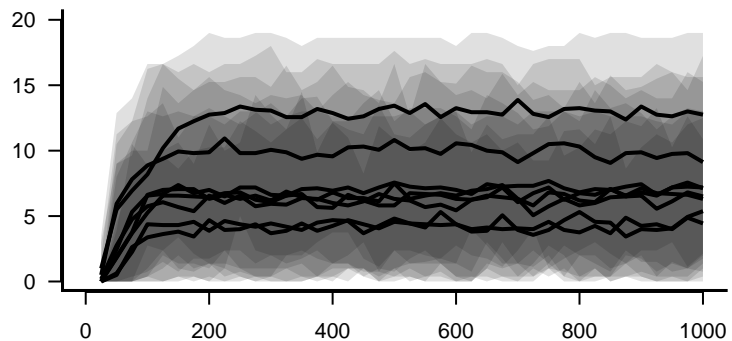
Grain = 1 x 1

Grain = 2 x 2

Grain = 4 x 4

Grain = 8 x 8

Grain = 16 x 16

Temporal occupancy−based categories: detection prob. = 0.8

Birth rate−based categories: detection prob. = 0.8

Temporal occupancy−based categories: detection prob. = 0.8

Core

Transient

Birth rate−based Core Species: detection prob. = 0.8

Classified Core (by occupancy)	Classified Transient (by occupancy)

Birth rate−based Transient Species: detection prob. = 0.8

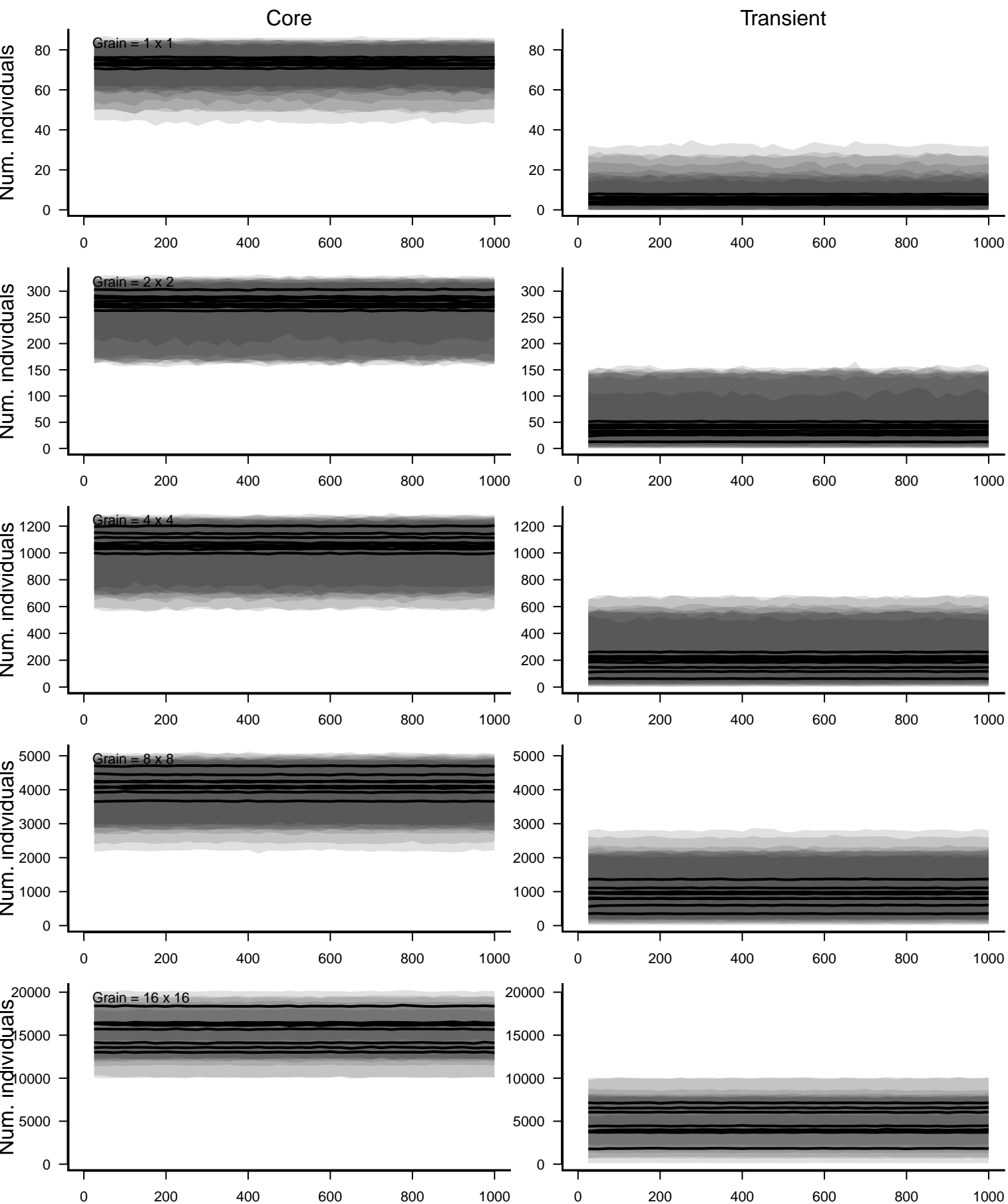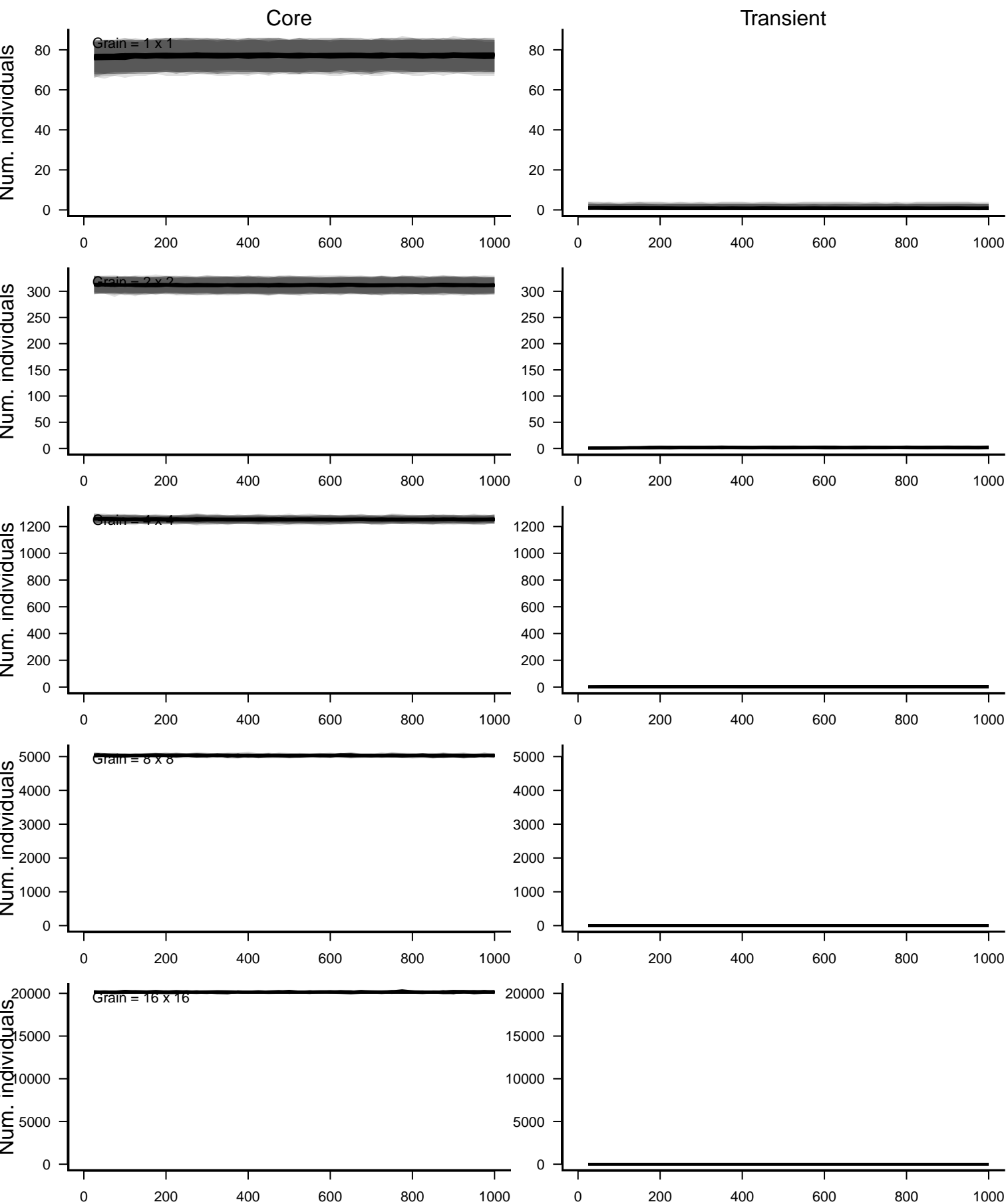## Classified Core (by occupancy)

Classified Transient (by occupancy)

Birth rate−based categories: detection prob. = 0.7
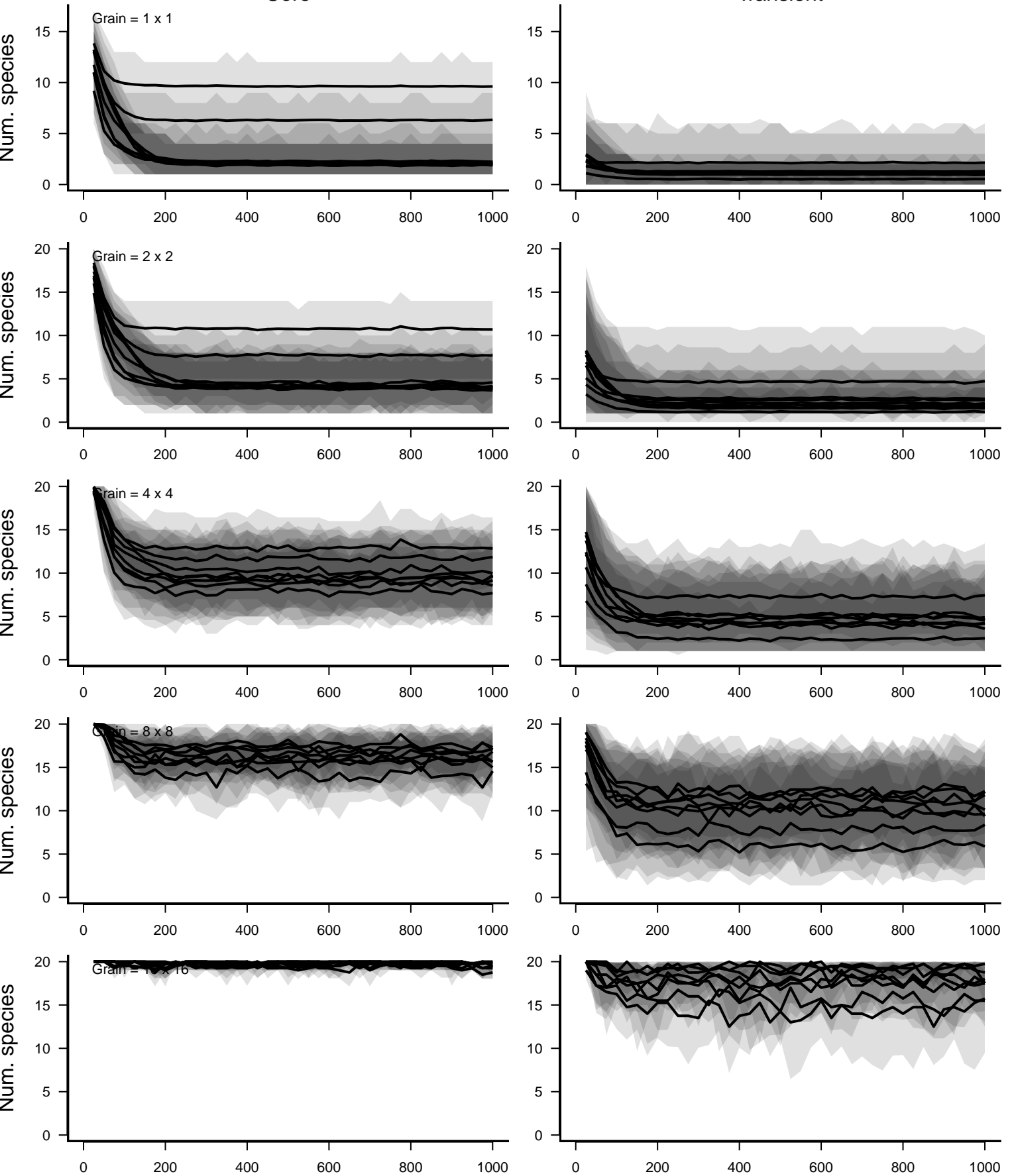
Temporal occupancy−based categories: detection prob. = 0.7
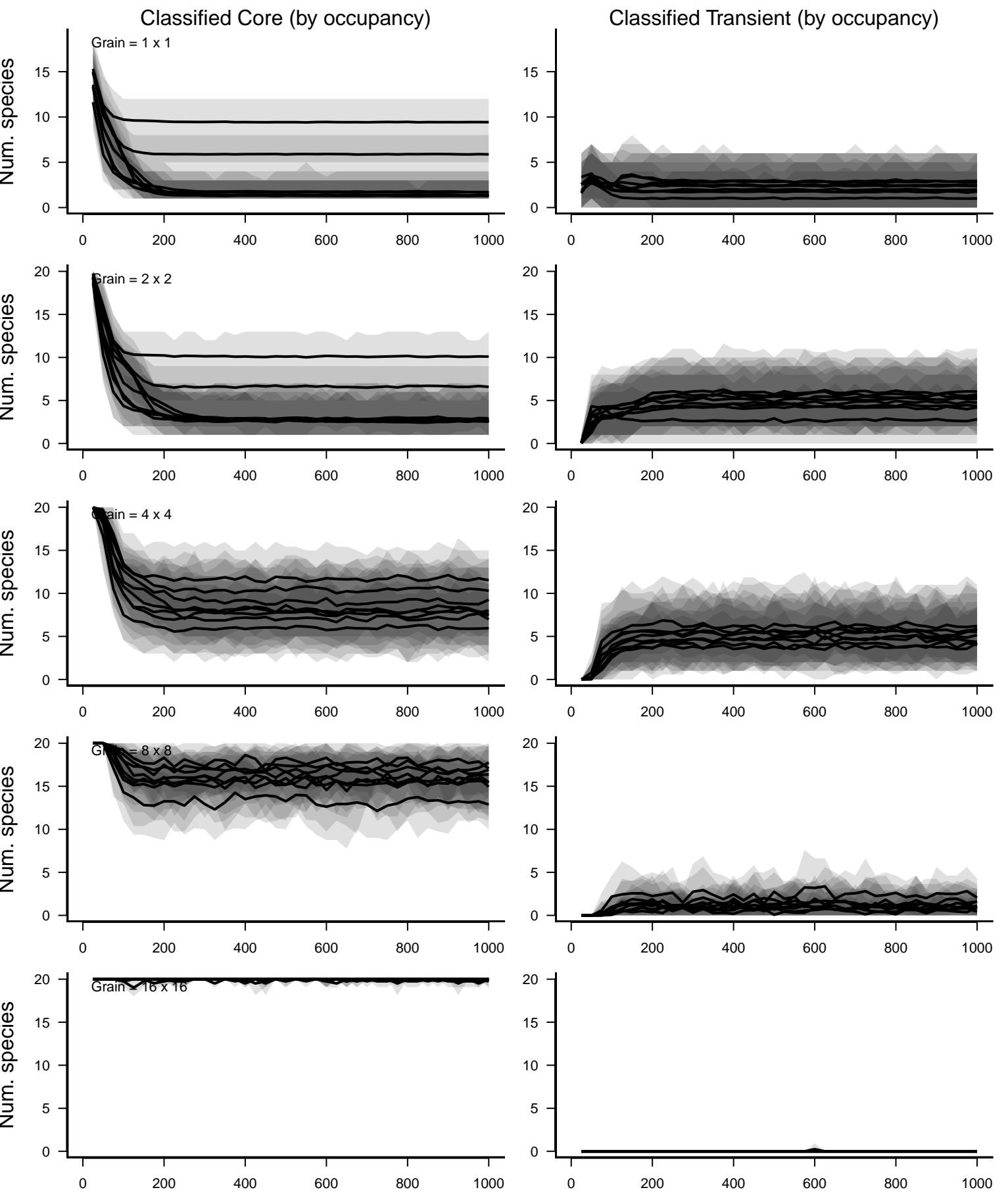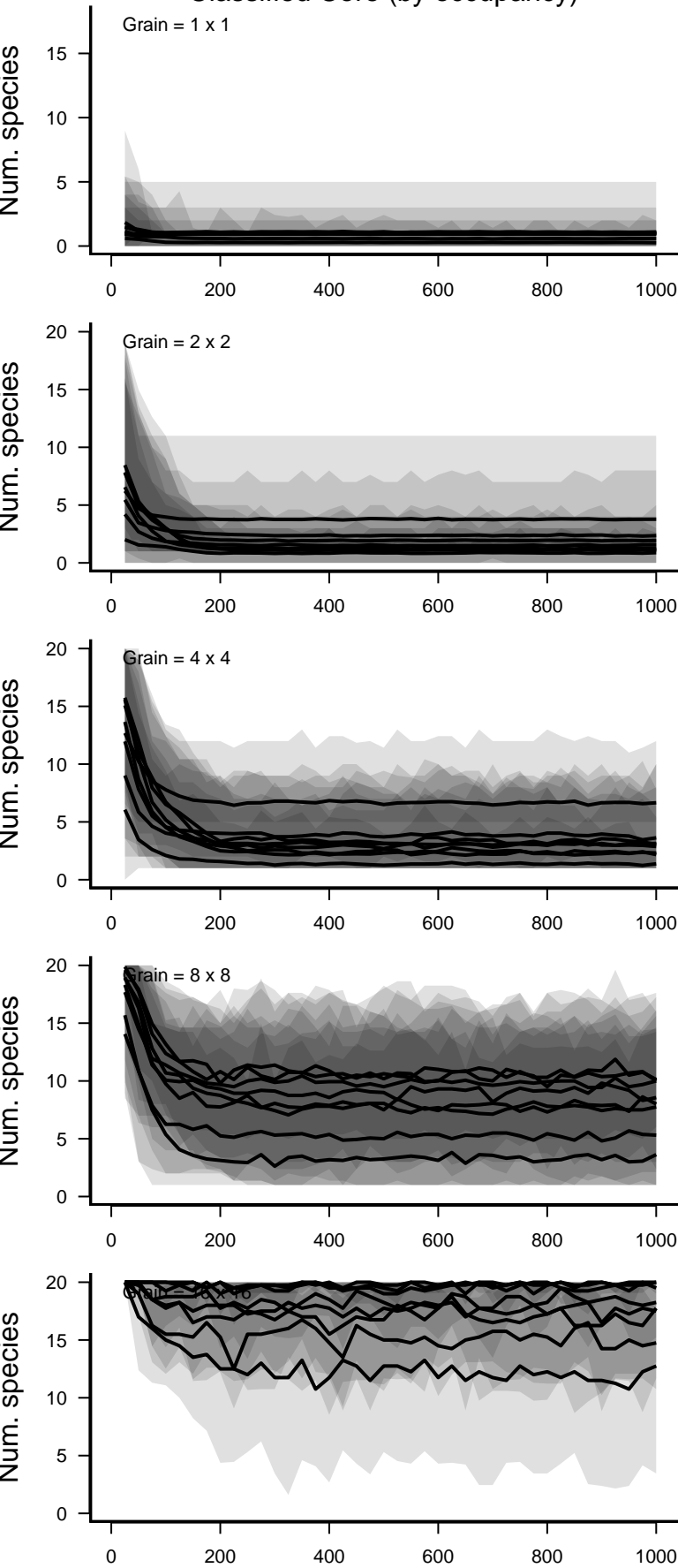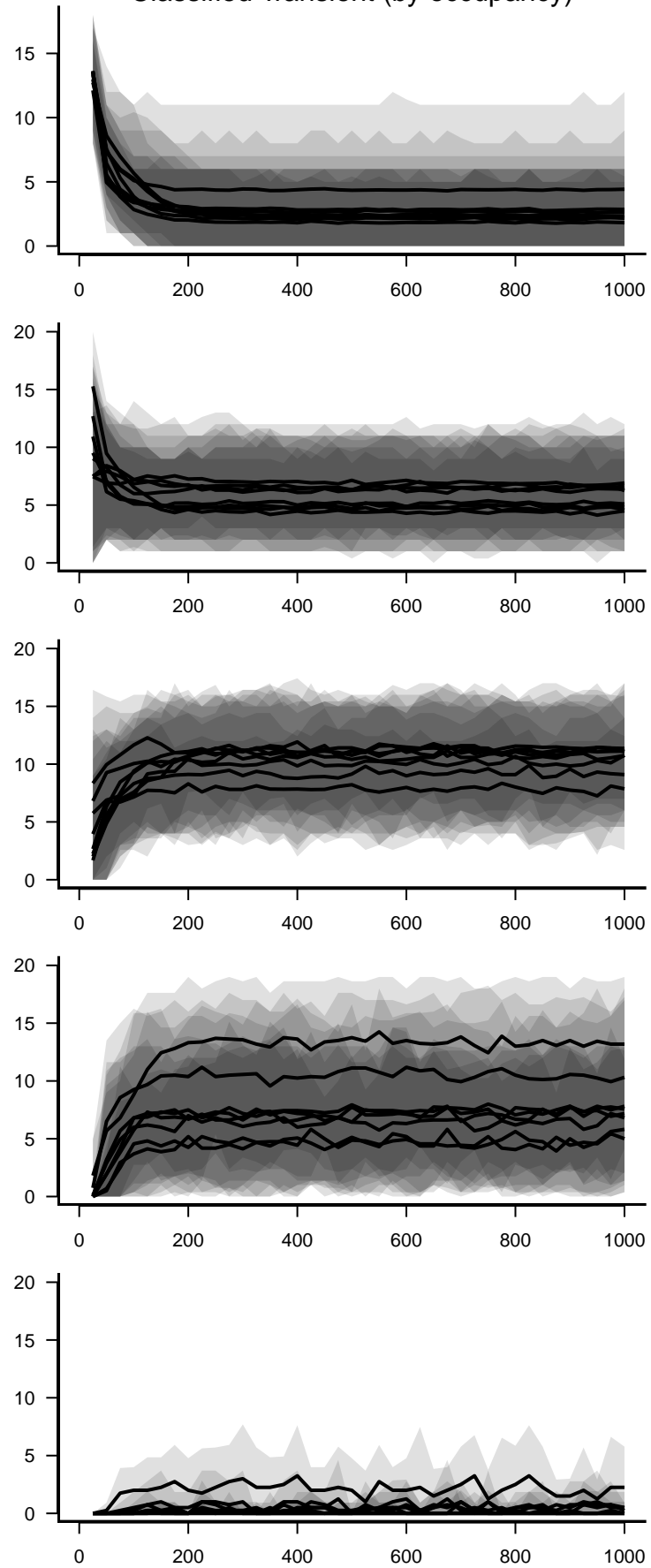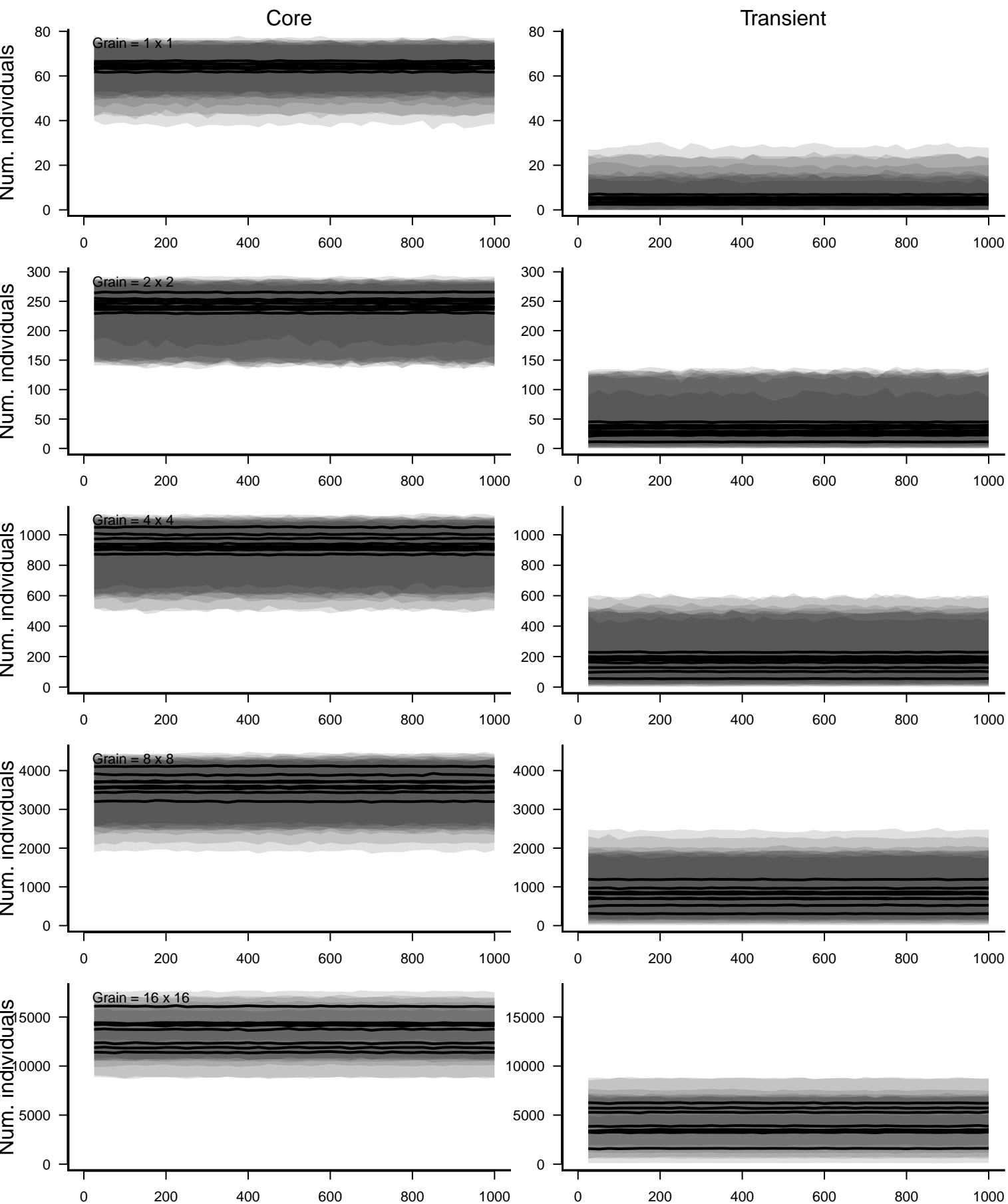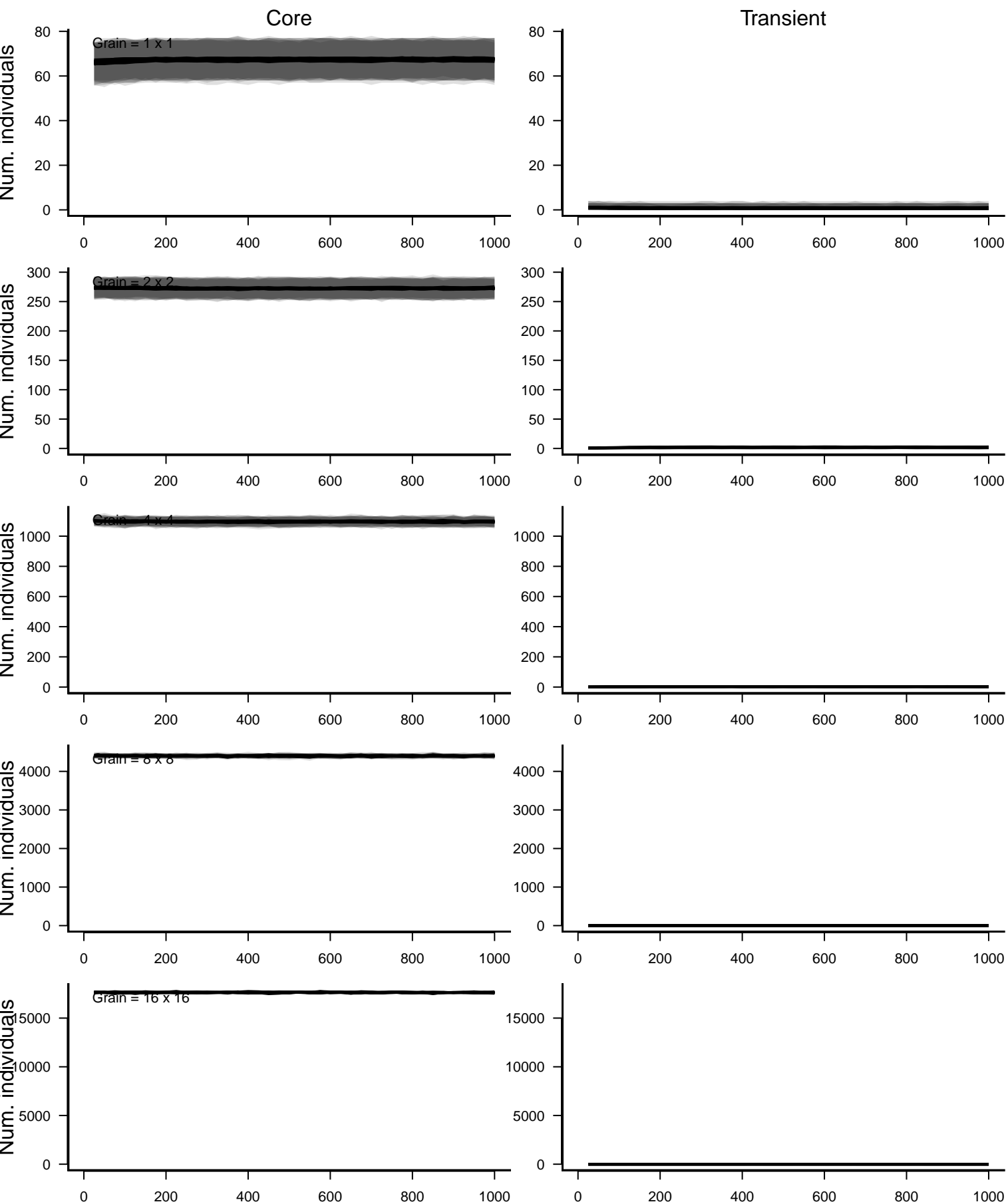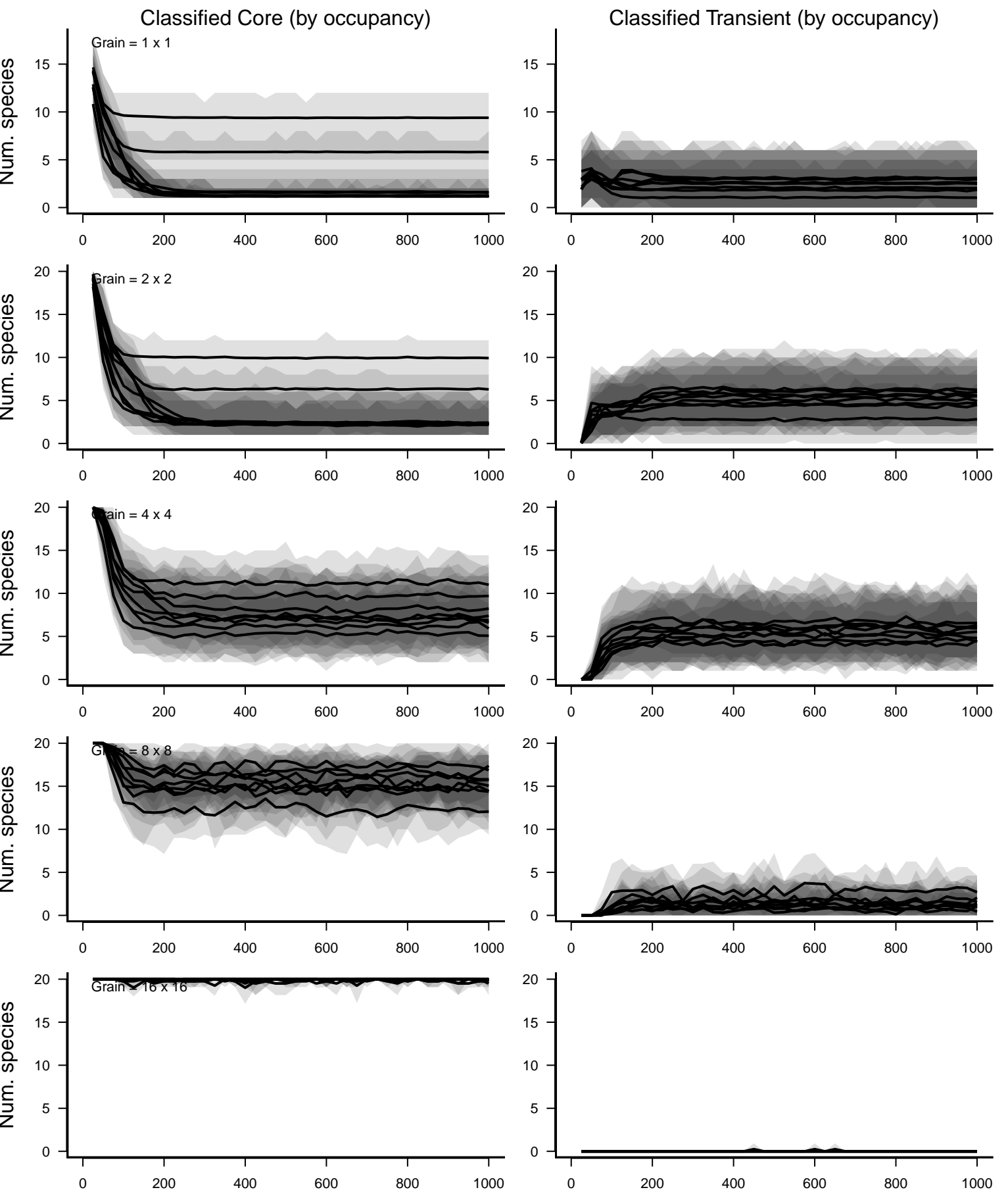
Birth rate−based categories: detection prob. = 0.7

Core

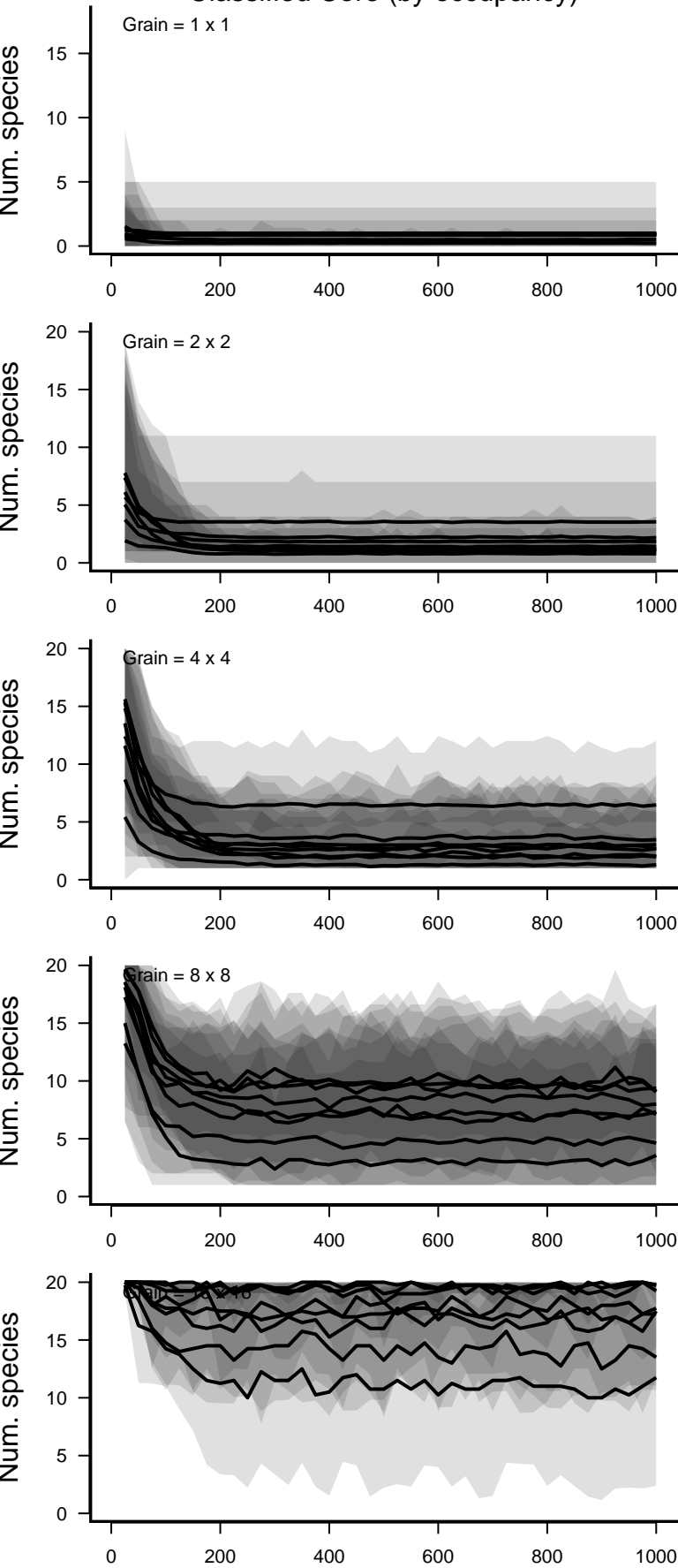Transient

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

Grain = 16 x 16

Birth rate−based Core Species: detection prob. = 0.7

Classified Core (by occupancy)

Classified Transient (by occupancy)

Grain = 1 x 1

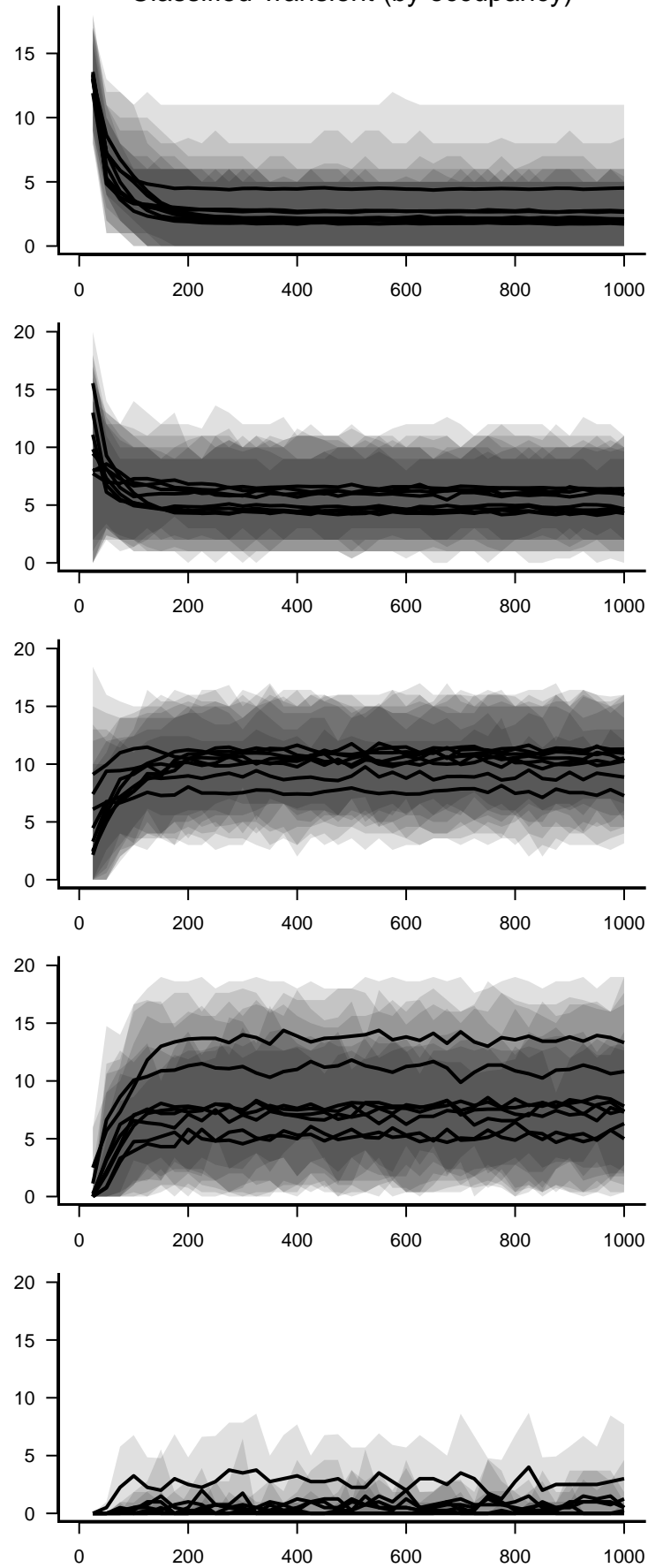Grain = 2 x 2

Grain = 4 x 4

Grain = 8 x 8

Grain = 16 x 16

Birth rate−based Transient Species: detection prob. = 0.7
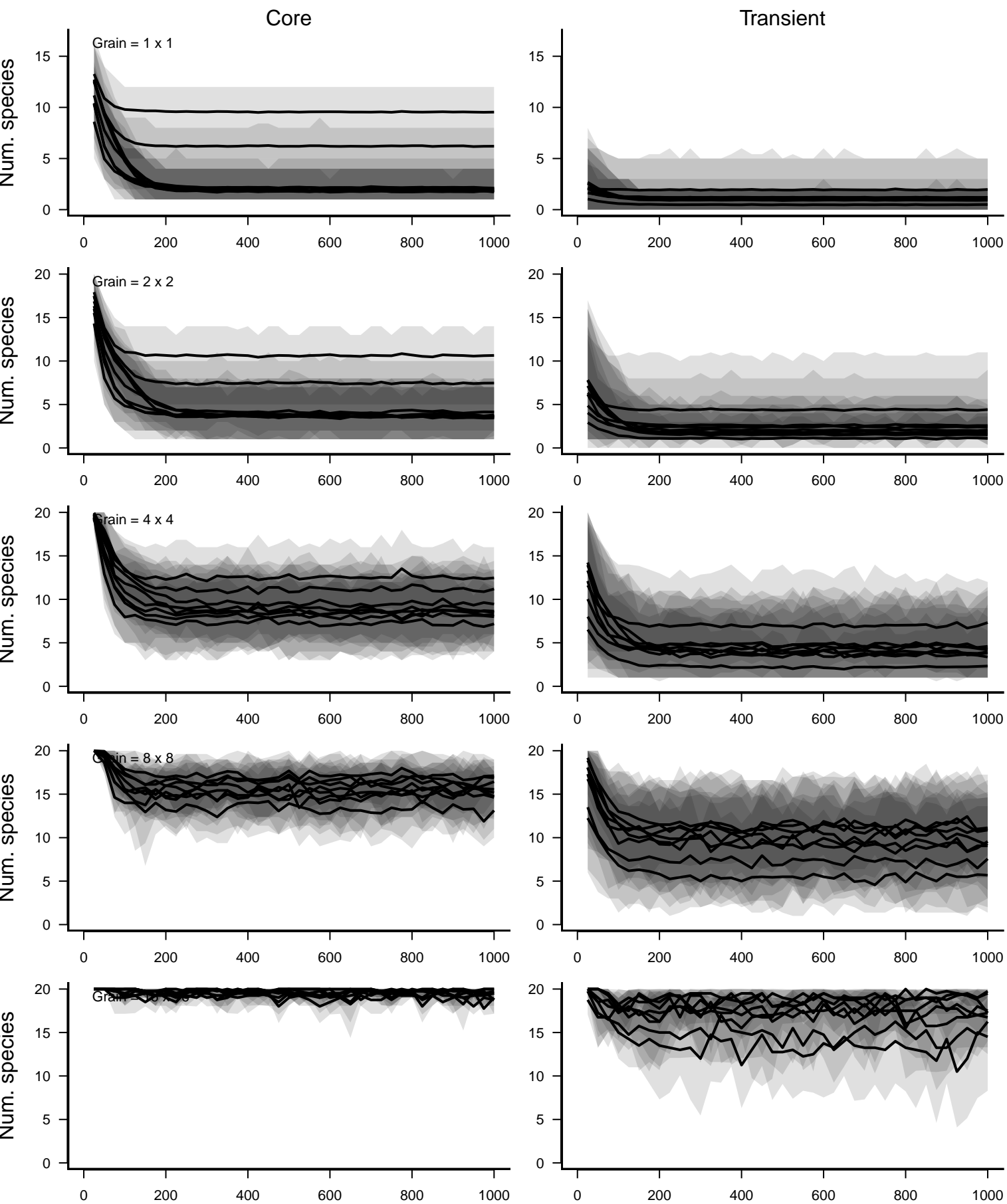
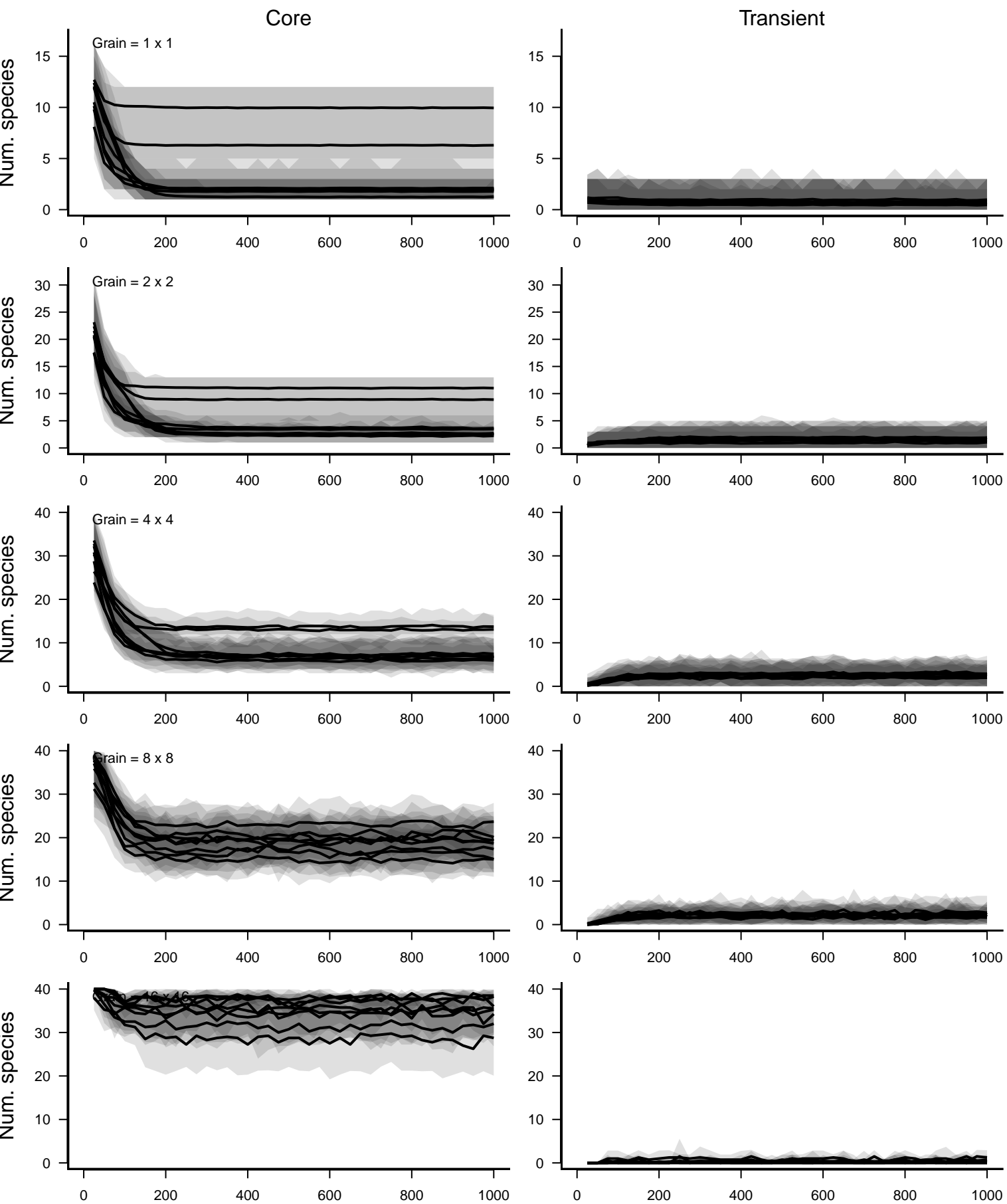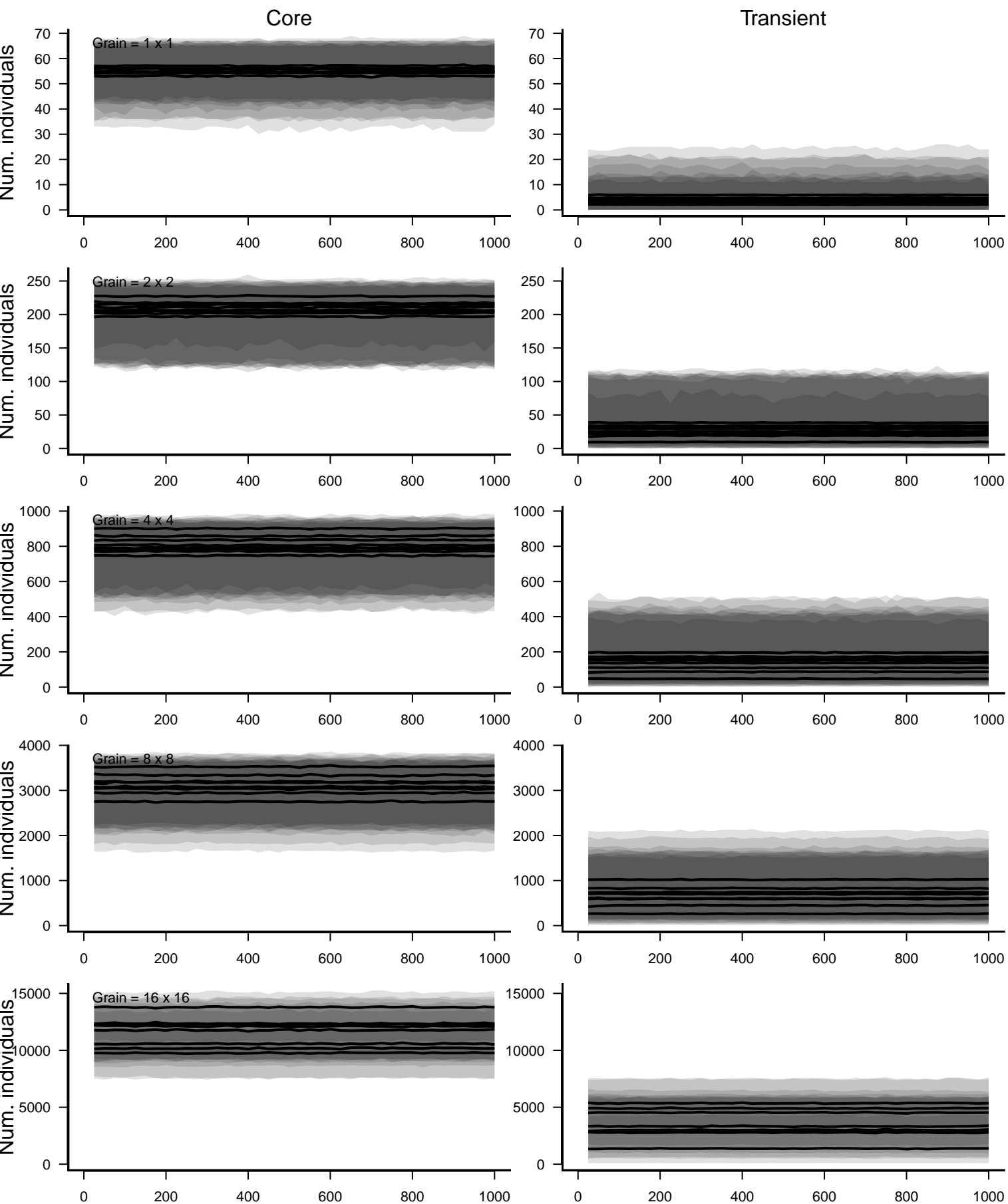## Classified Core (by occupancy)   Classified Transient (by occupancy)
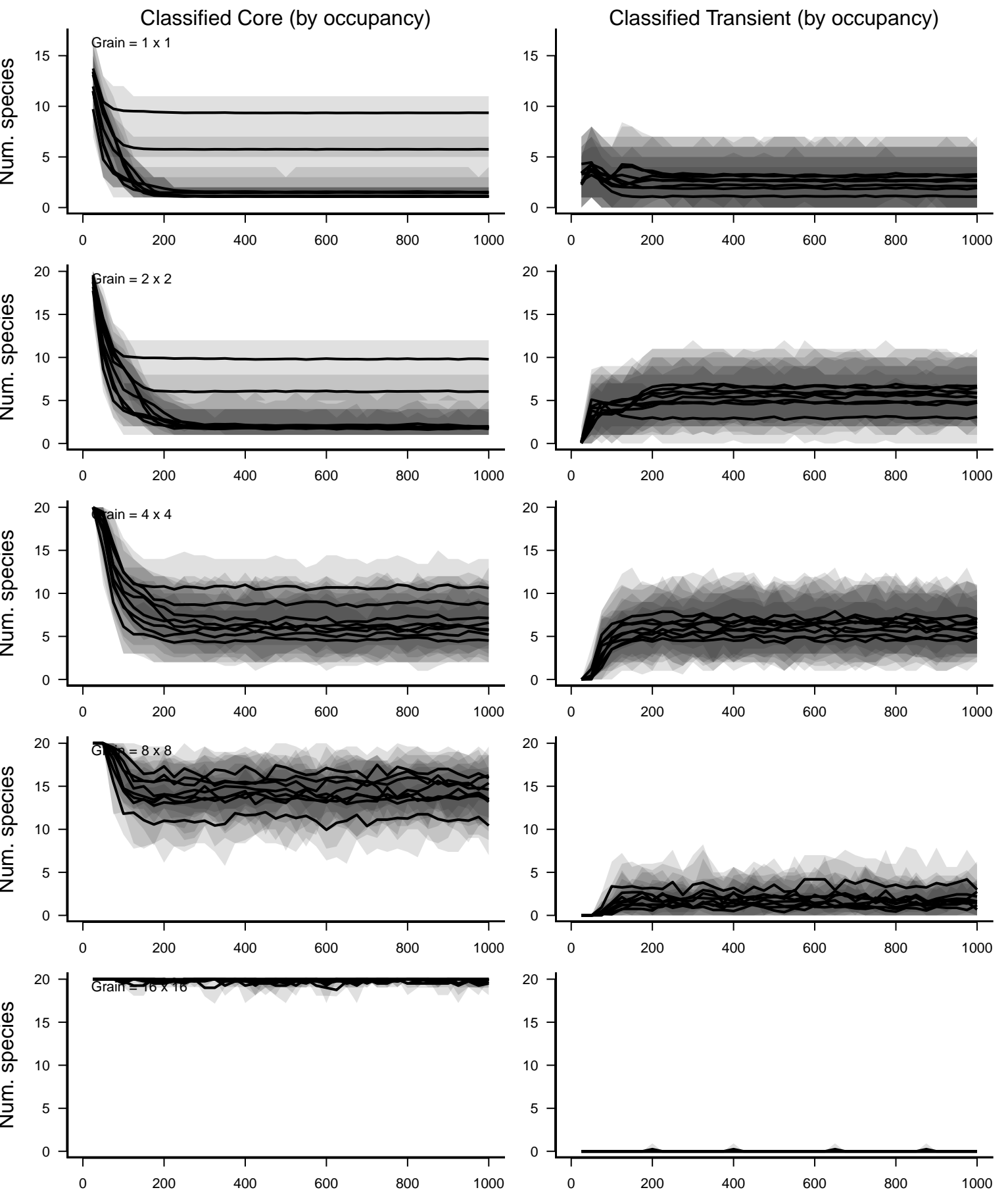
Birth rate−based categories: detection prob. = 0.6
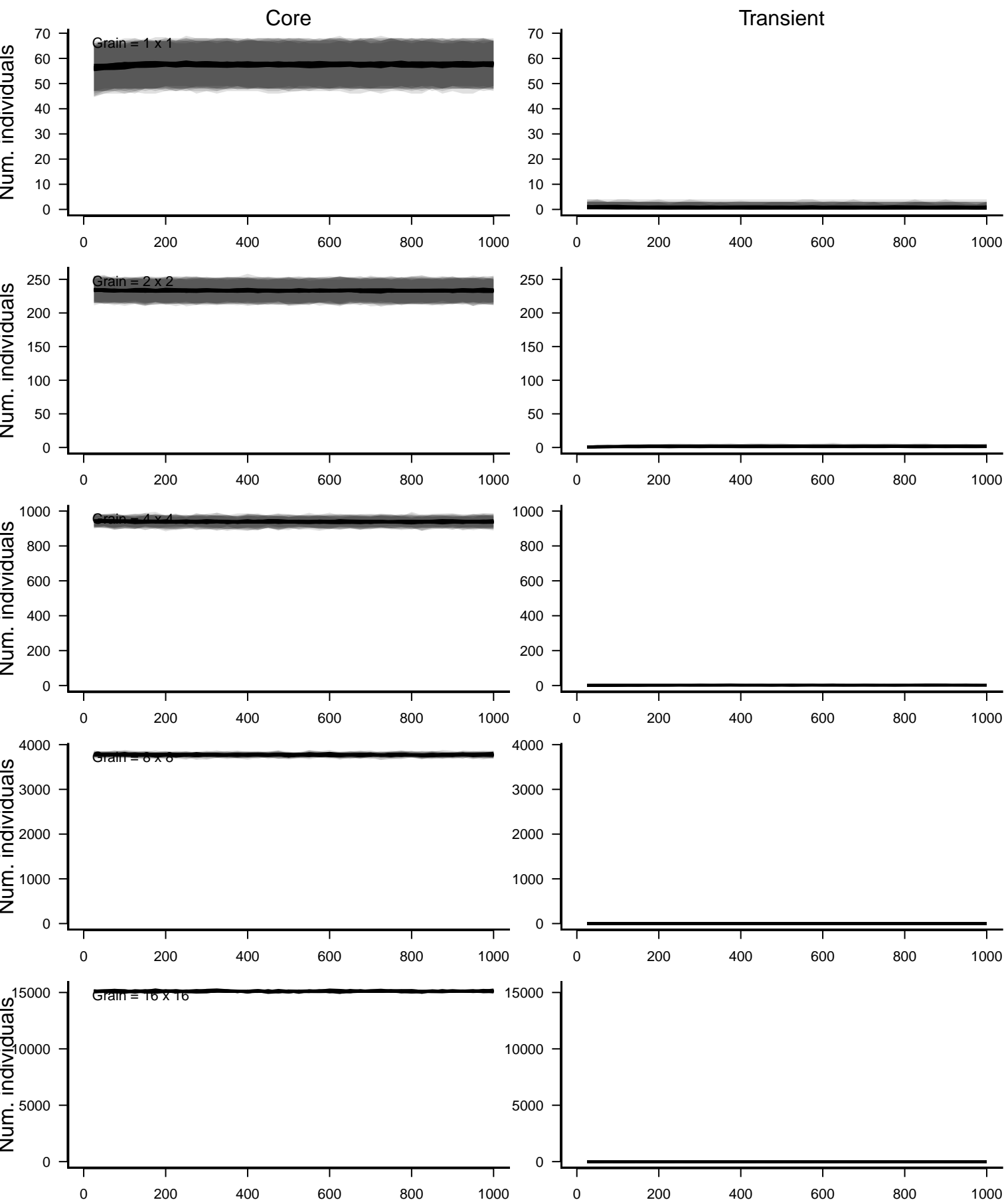
Temporal occupancy−based categories: detection prob. = 0.6

Birth rate−based categories: detection prob. = 0.6
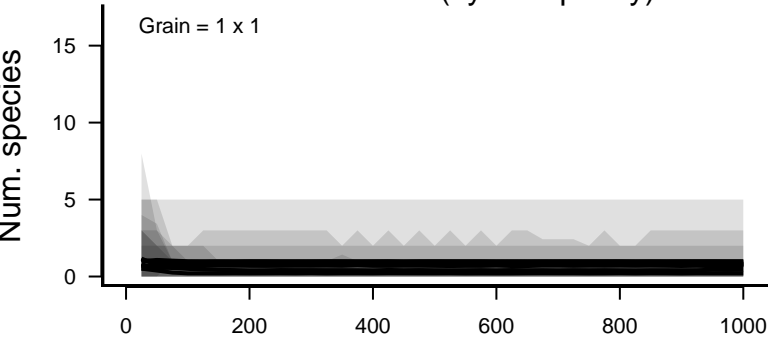
Core

Transient
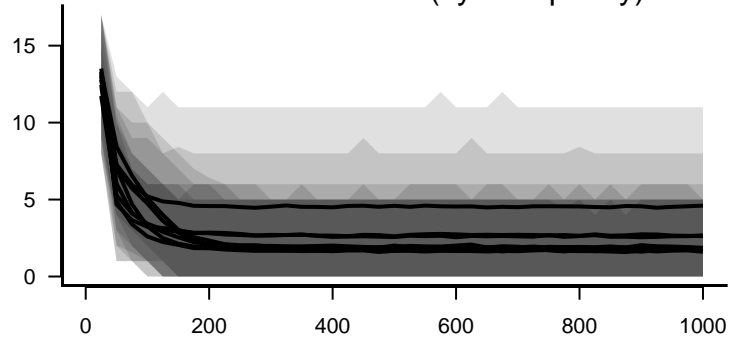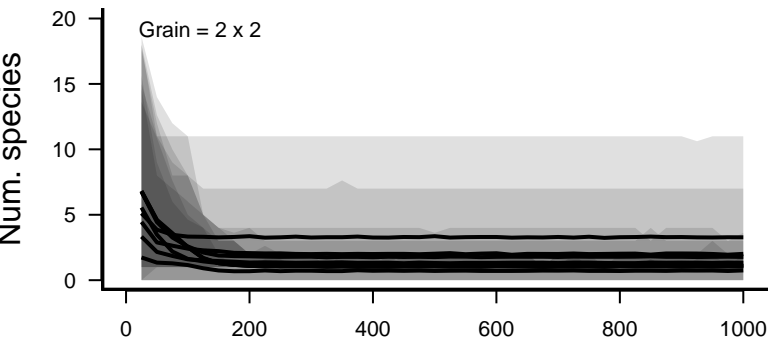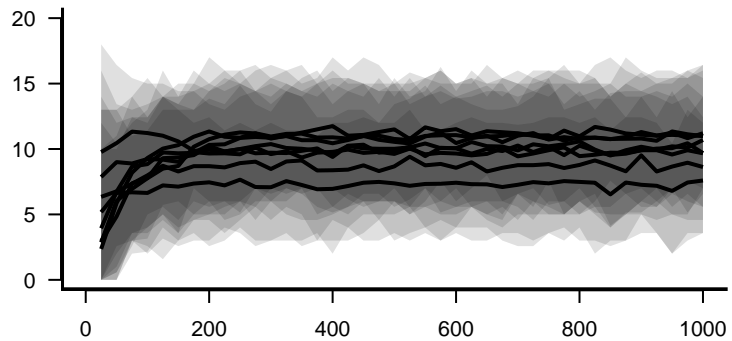
Temporal occupancy−based categories: detection prob. = 0.6

Core

Transient

Birth rate−based Core Species: detection prob. = 0.6

Classified Core (by occupancy)	Classified Transient (by occupancy)

Birth rate−based Transient Species: detection prob. = 0.6
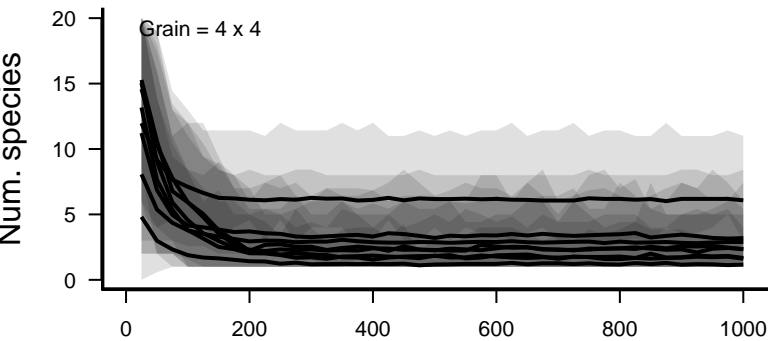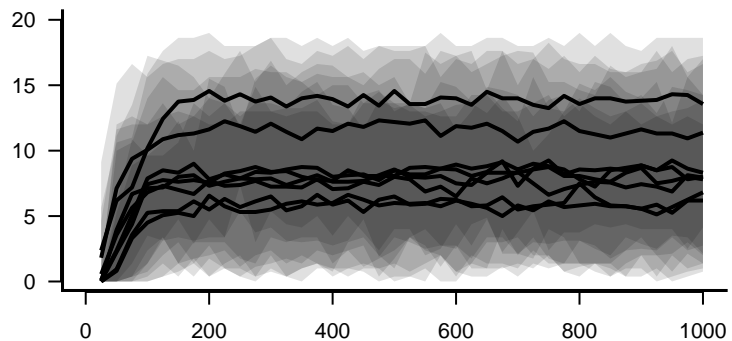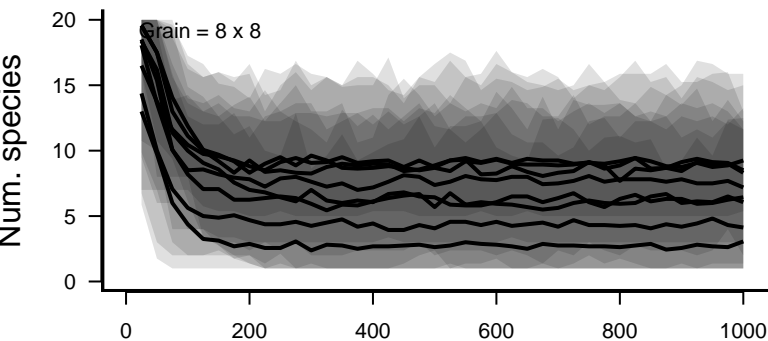
Classified Core (by occupancy)

Classified Transient (by occupancy)

Birth rate−based categories: detection prob. = 0.5

Core

Transient
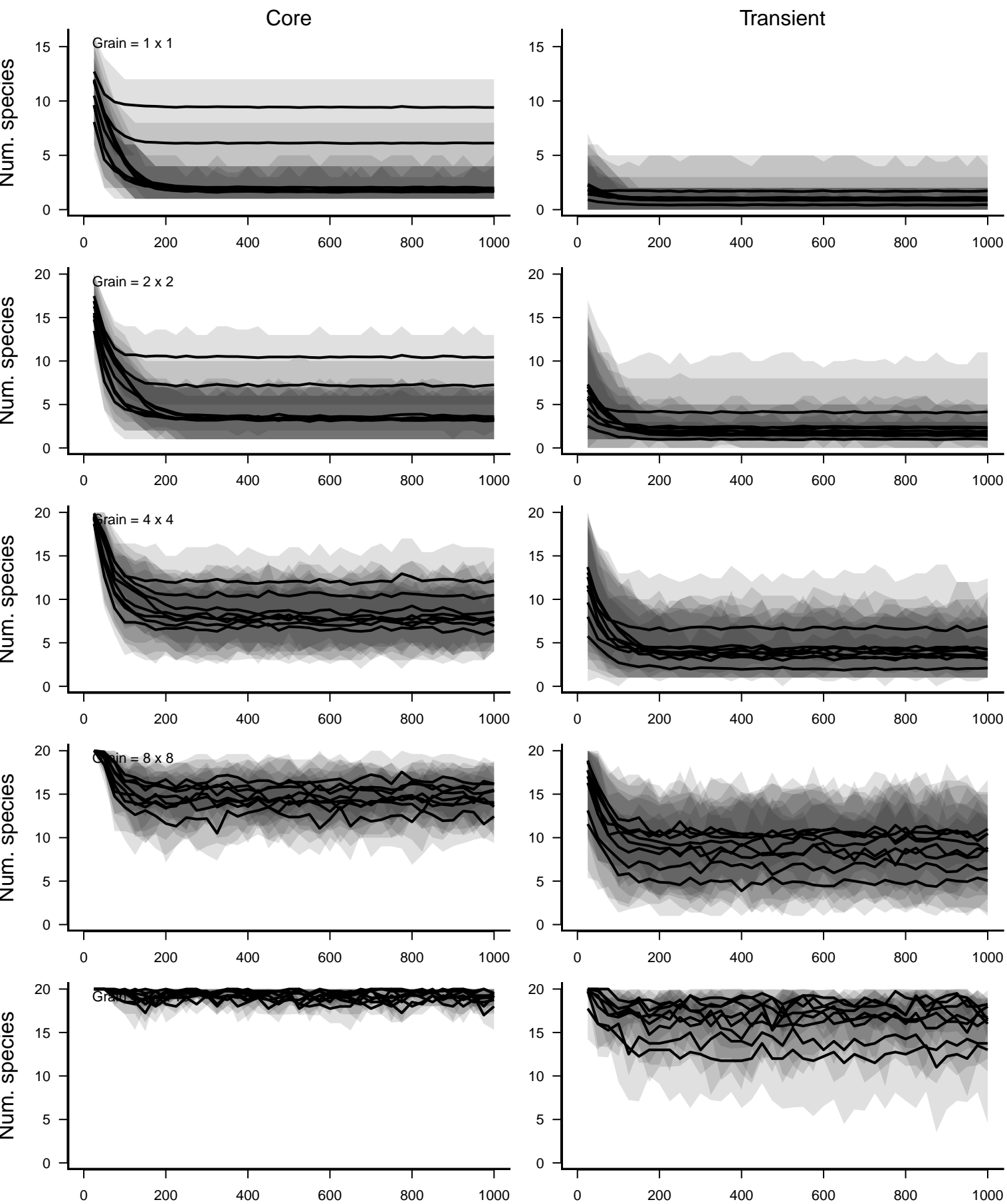
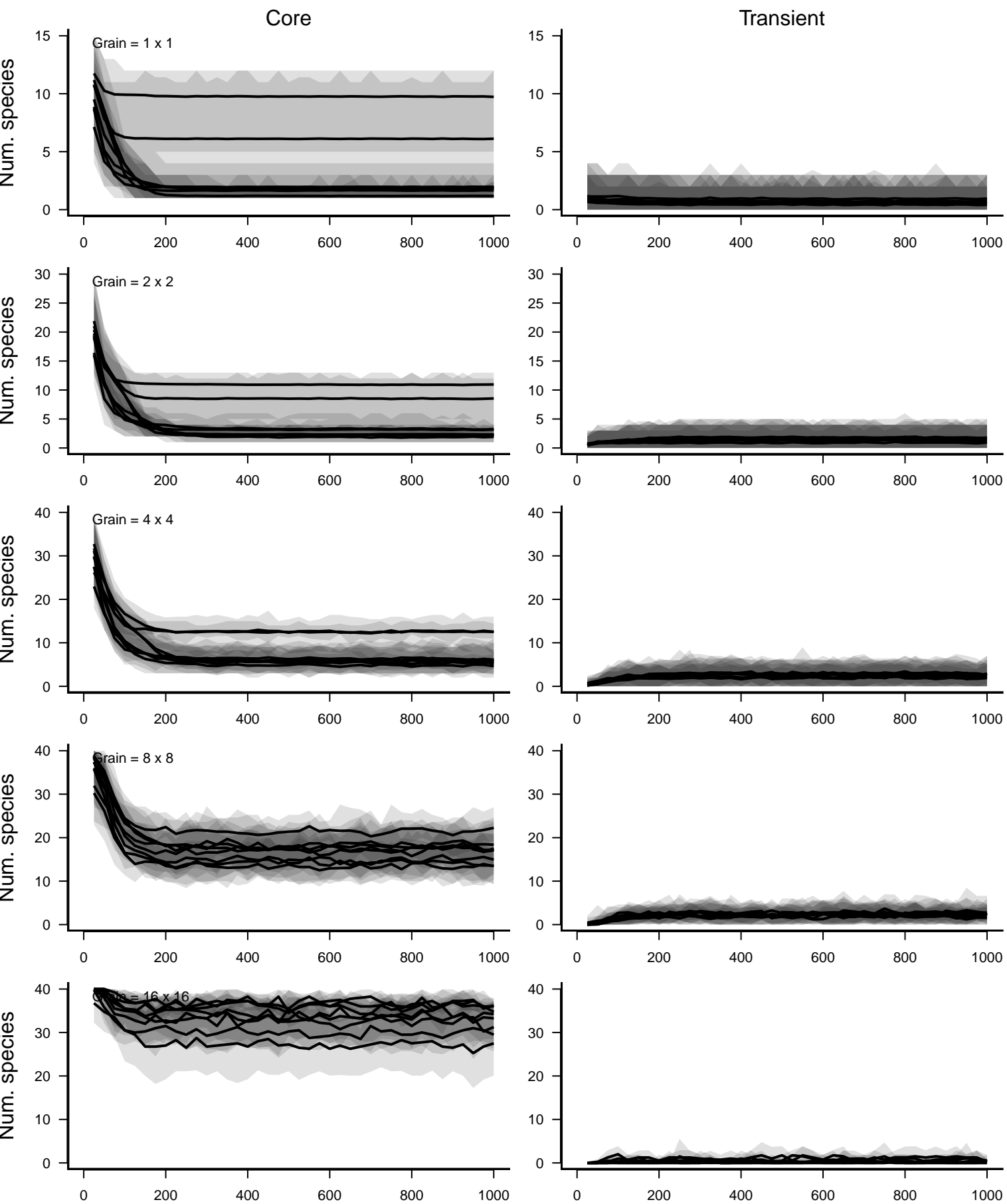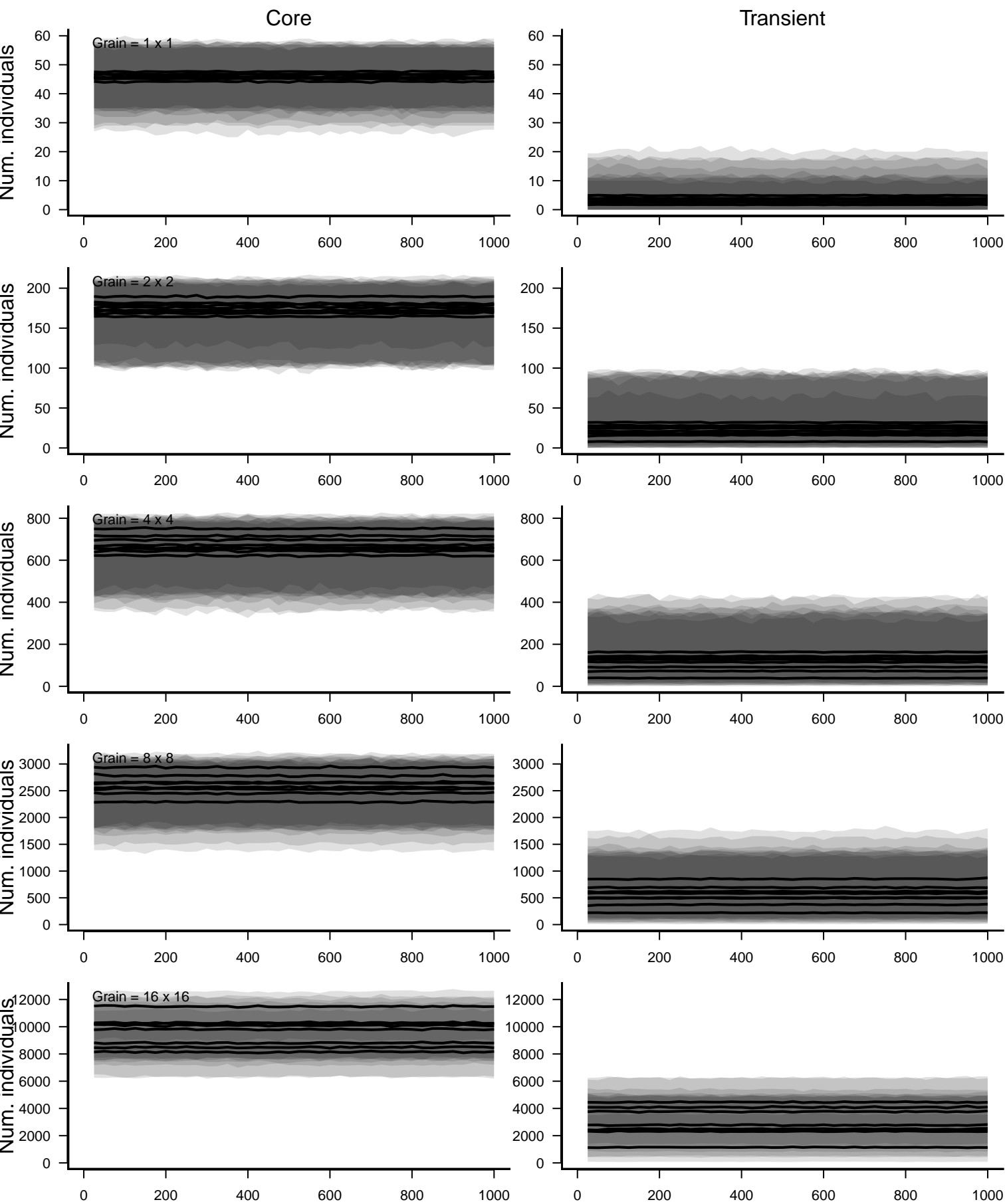# Temporal occupancy−based categories: detection prob. = 0.5
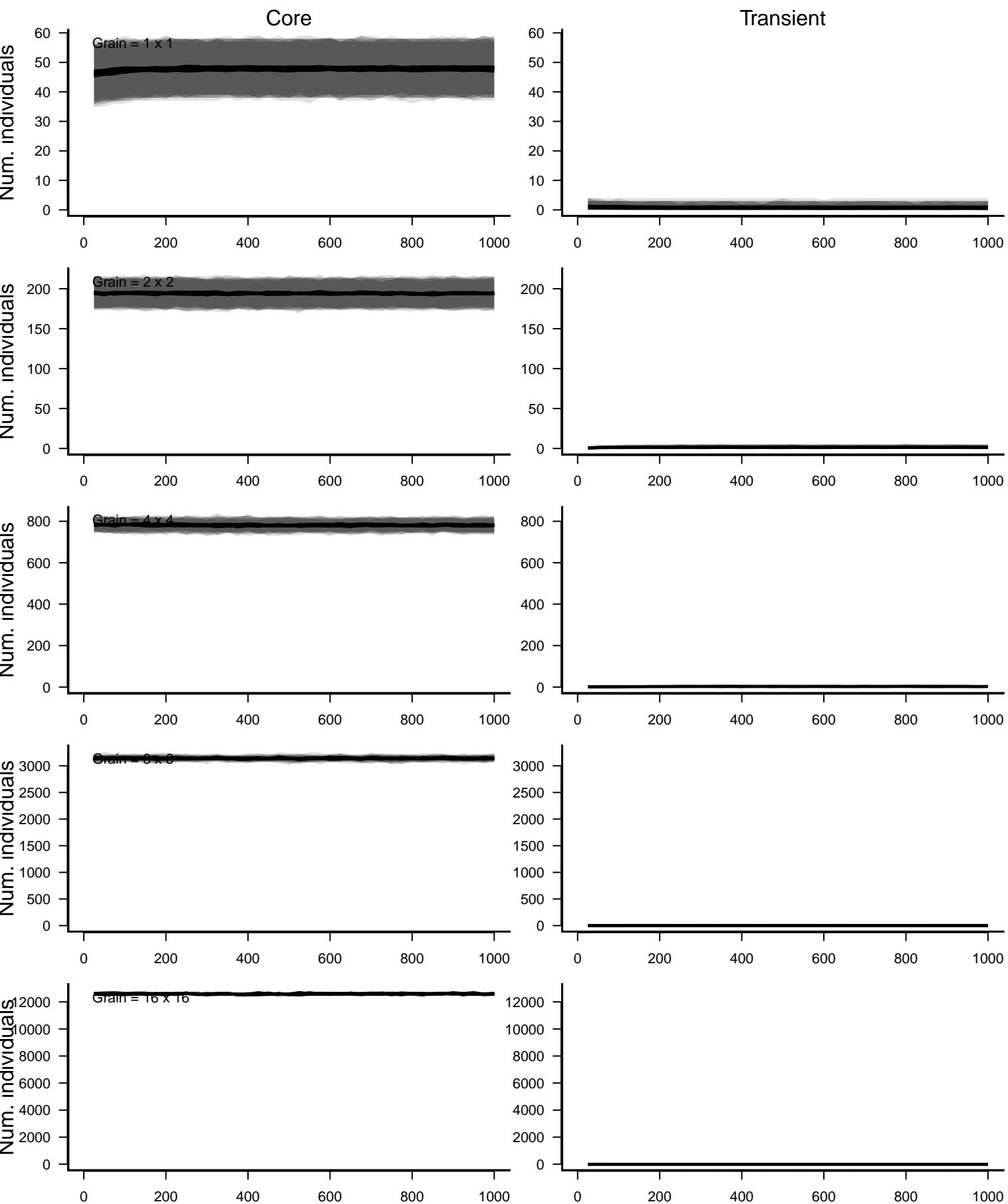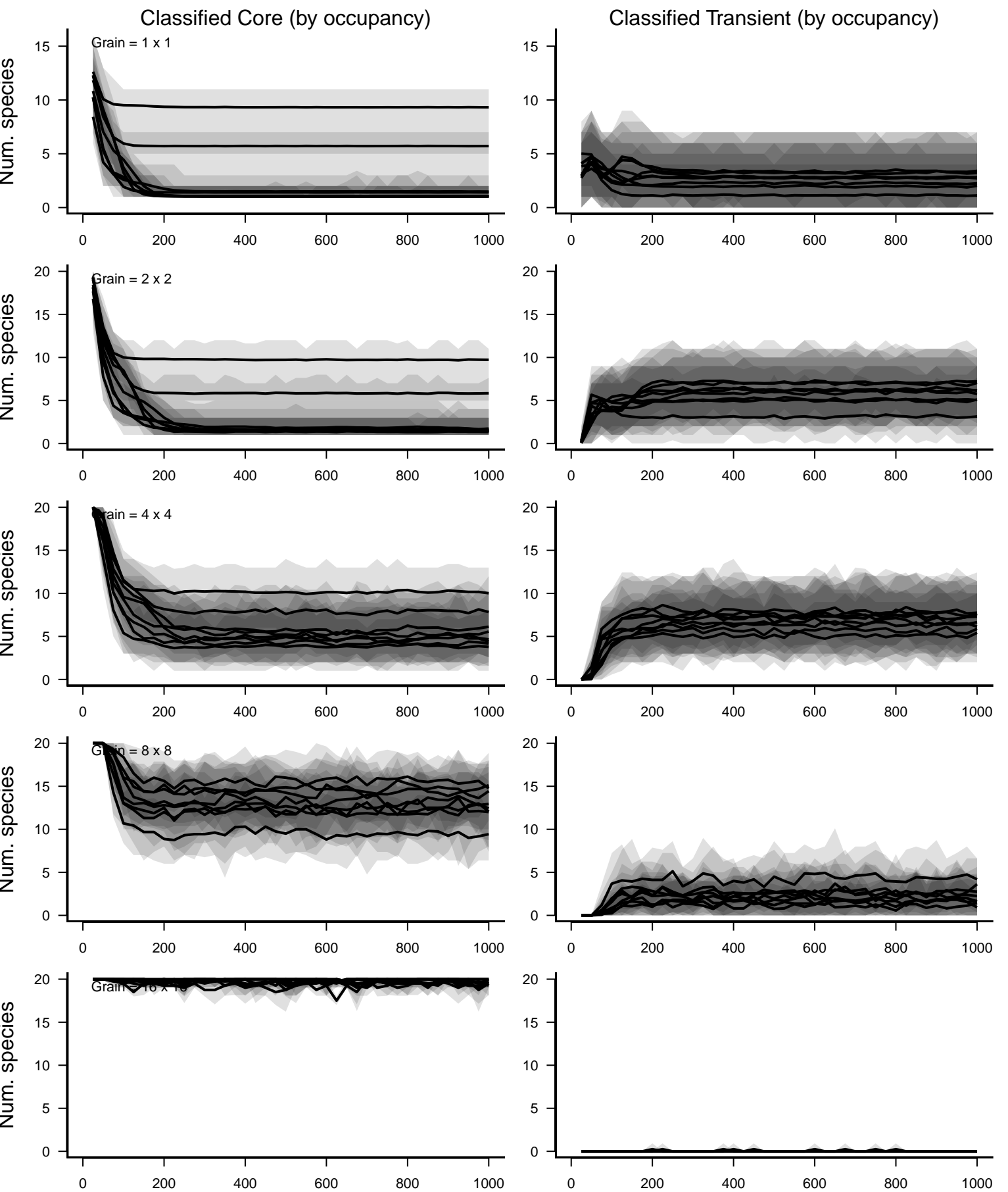
Core Transient
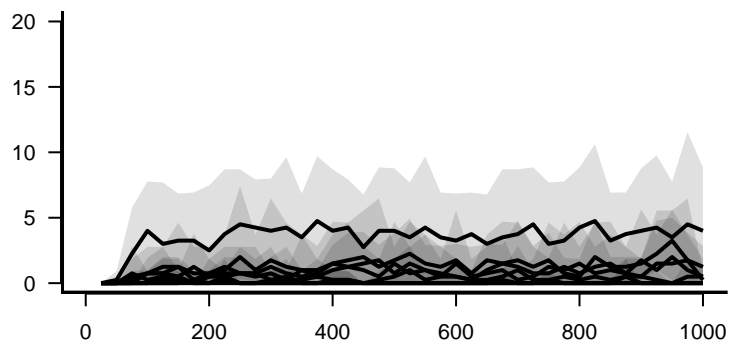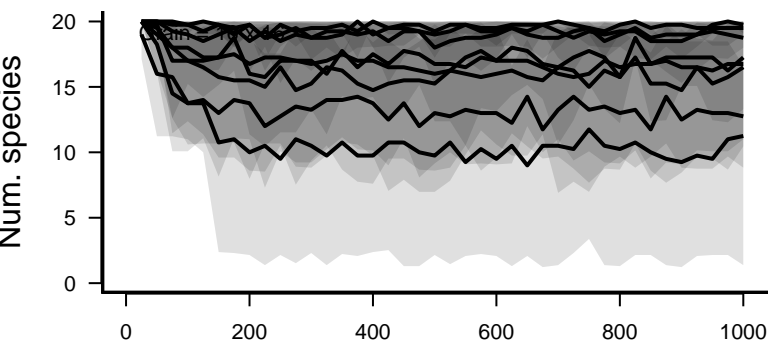
Birth rate−based categories: detection prob. = 0.5
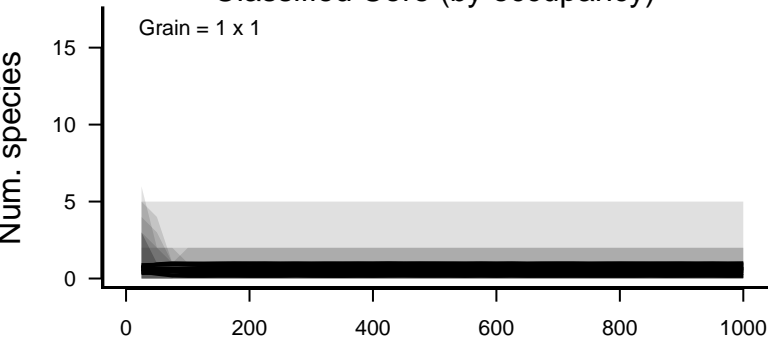
Temporal occupancy−based categories: detection prob. = 0.5

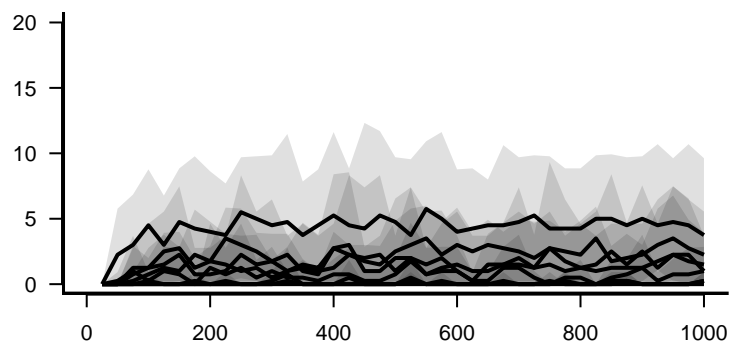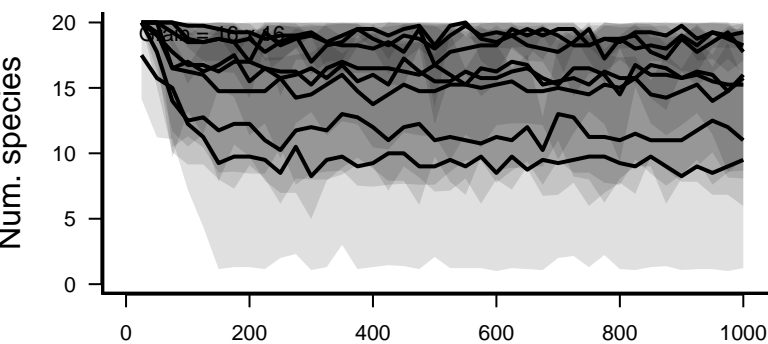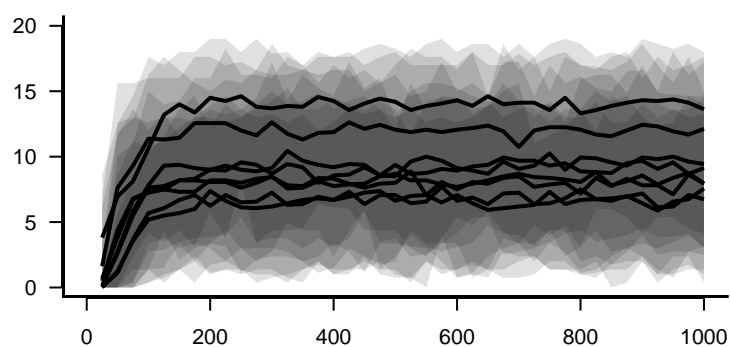# Birth rate−based Core Species: detection prob. = 0.5

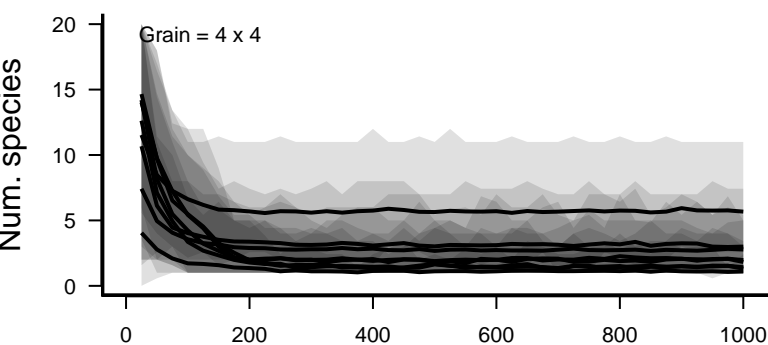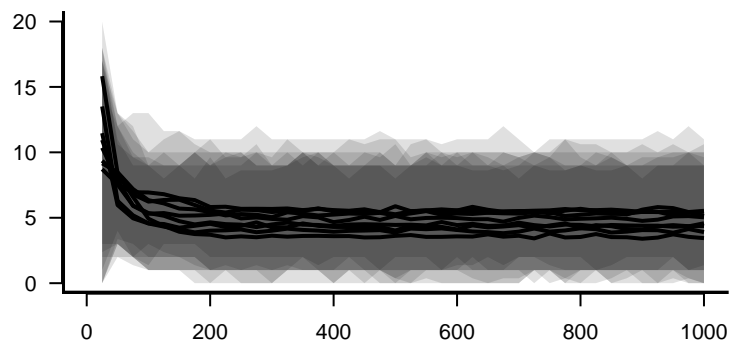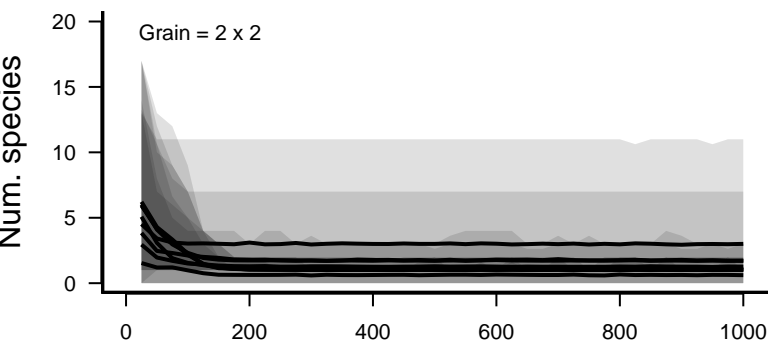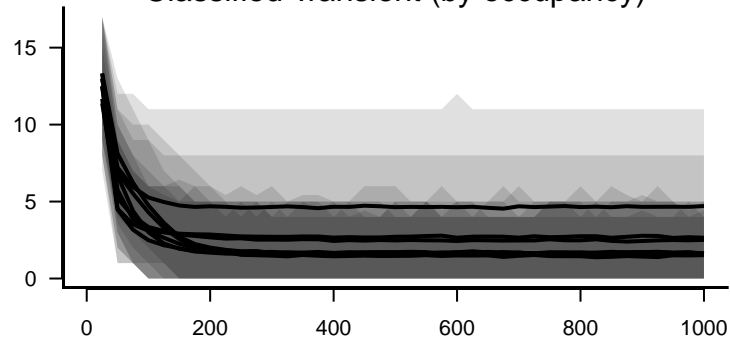## Classified Core (by occupancy)

Classified Transient (by occupancy)

Birth rate−based Transient Species: detection prob. = 0.5

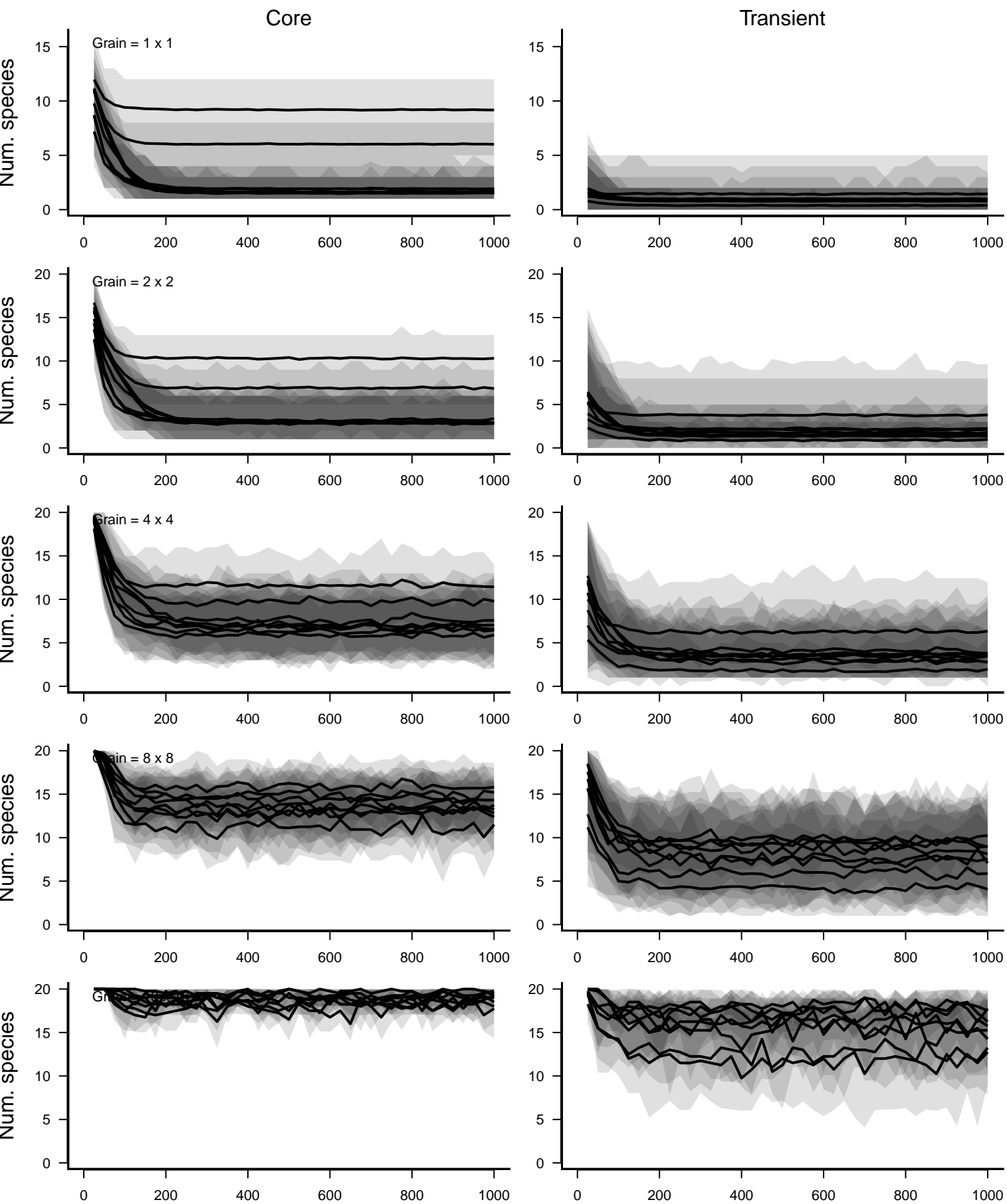# Birth rate−based categories: detection prob. = 0.4

Core

Grain = 1 x 1

Grain = 2 x 2

Grain = 4 x 4

Grain = 8 x 8

Transient

Temporal occupancy−based categories: detection prob. = 0.4
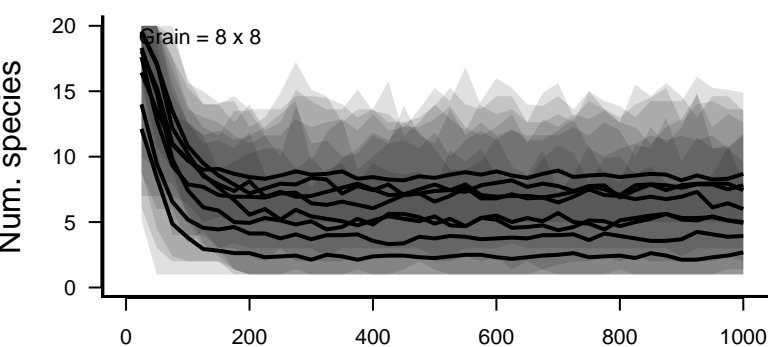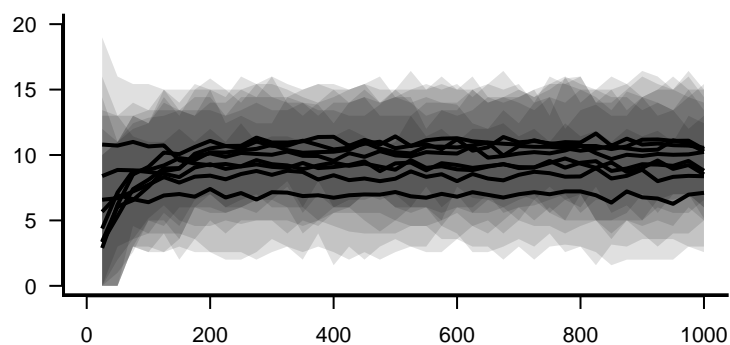
Birth rate−based categories: detection prob. = 0.4

Temporal occupancy−based categories: detection prob. = 0.4

Birth rate−based Core Species: detection prob. = 0.4

Birth rate−based Transient Species: detection prob. = 0.4
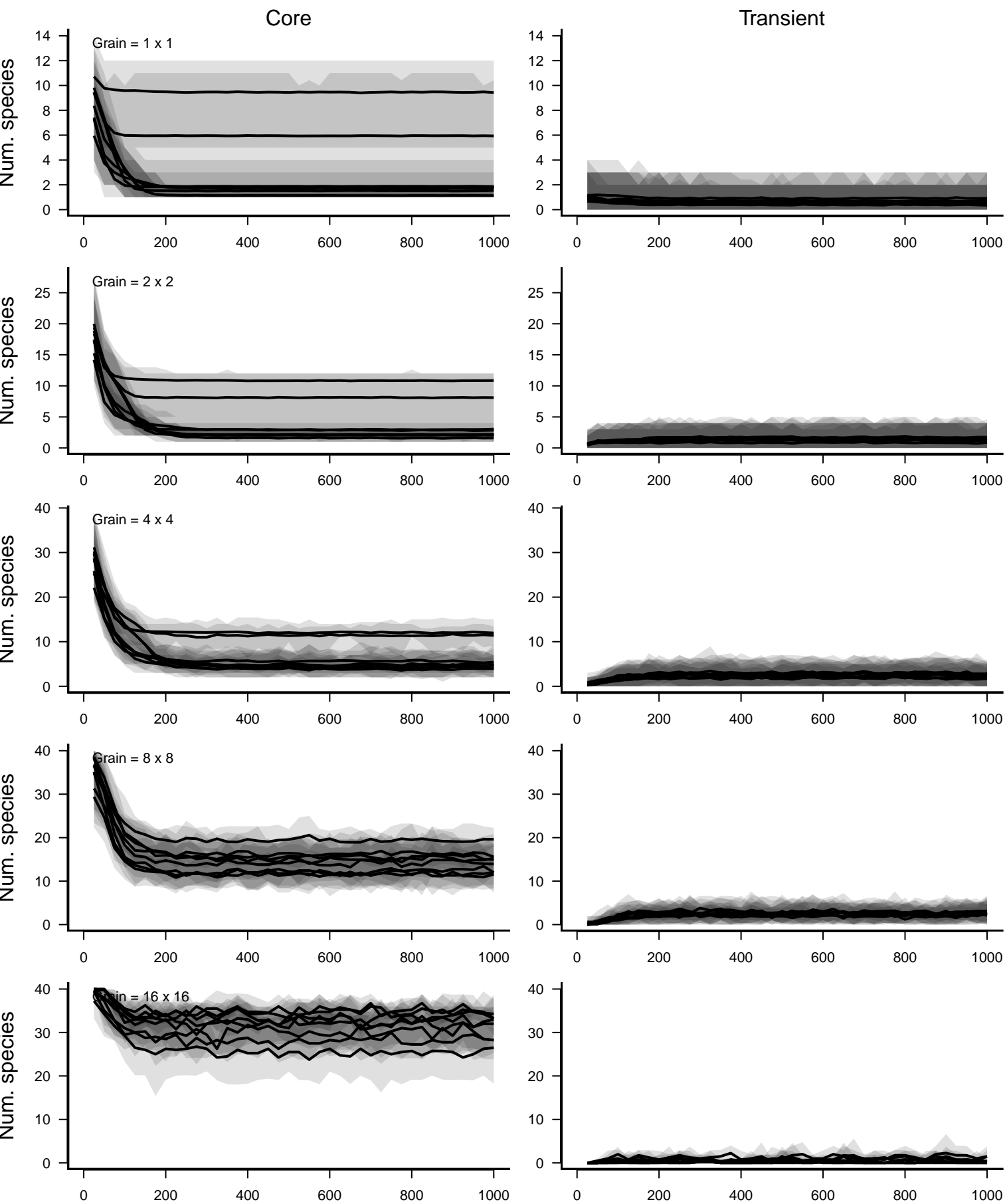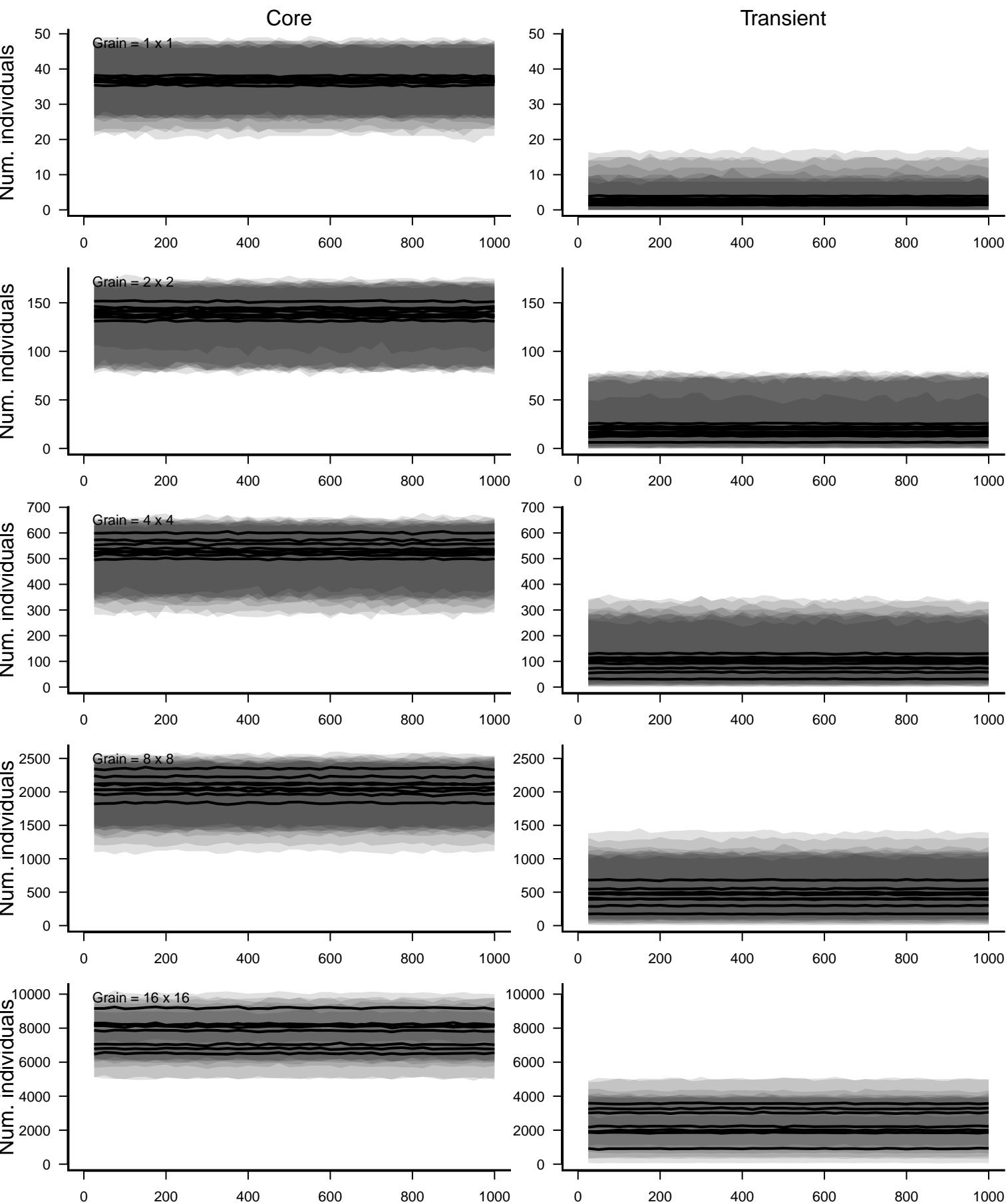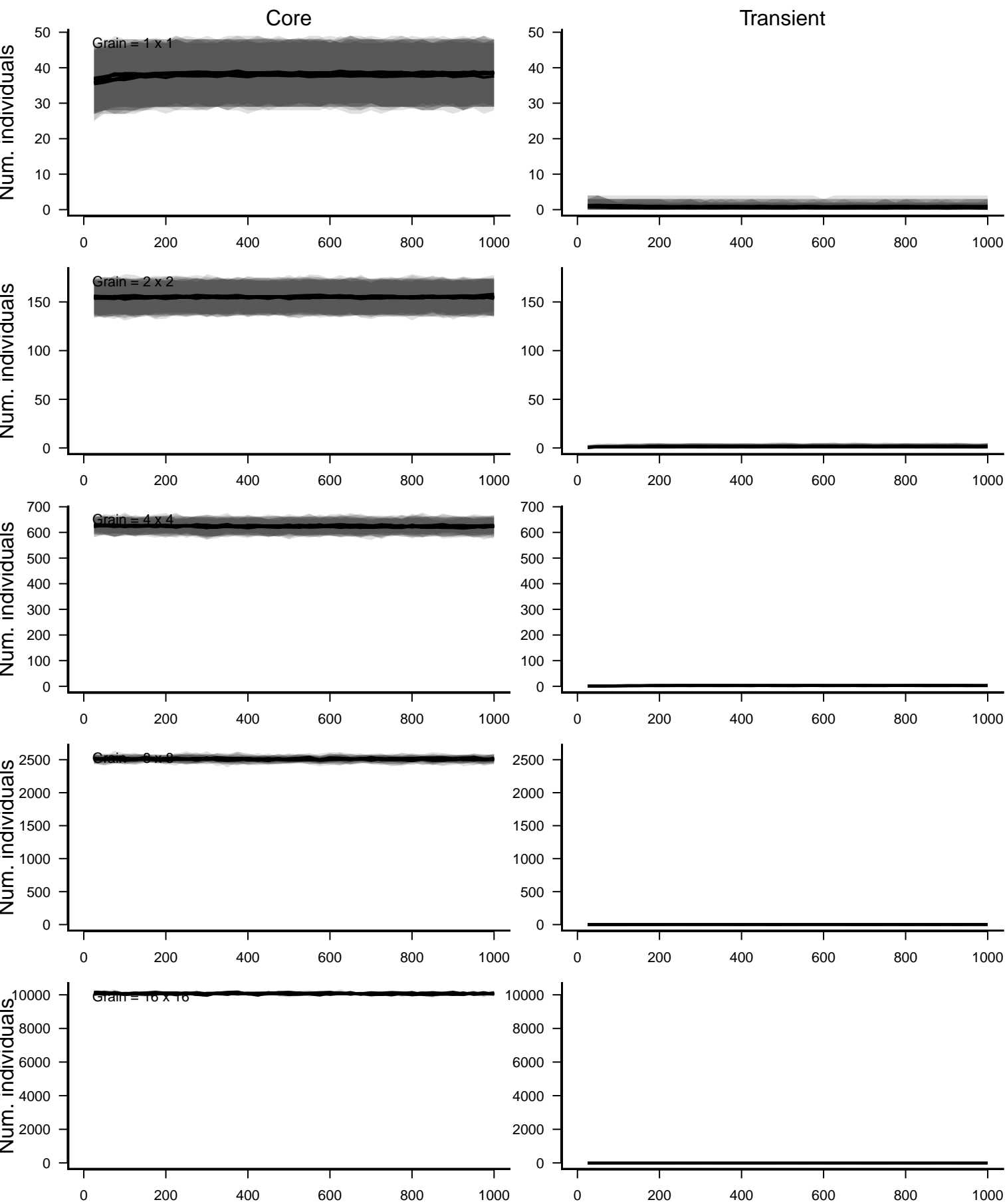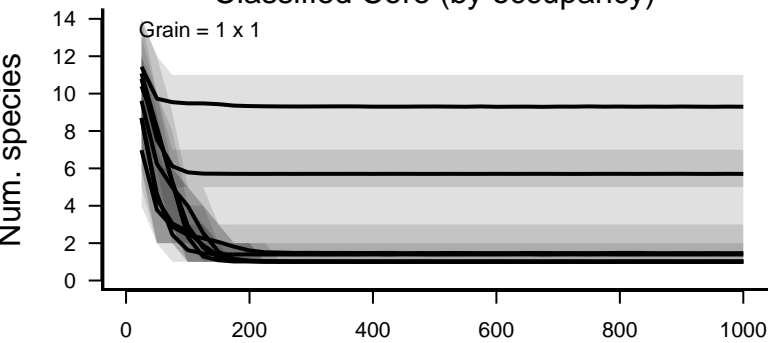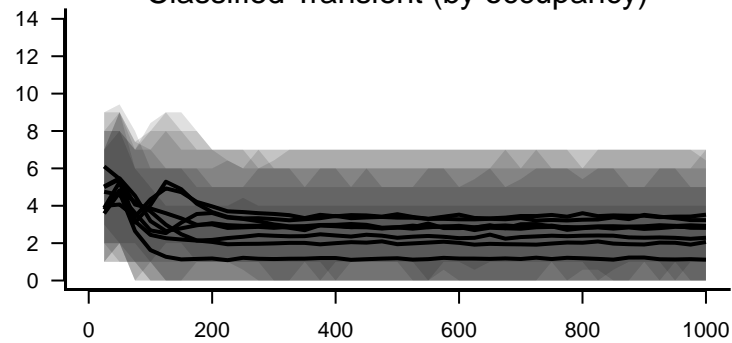
Classified Core (by occupancy)

Classified Transient (by occupancy)

Grain = 1 x 1

Grain = 2 x 2

Grain = 4 x 4

Grain = 8 x 8

Grain = 16 x 16

Birth rate−based categories: detection prob. = 0.3

Temporal occupancy−based categories: detection prob. = 0.3

Birth rate−based categories: detection prob. = 0.3

Temporal occupancy−based categories: detection prob. = 0.3

Birth rate−based Core Species: detection prob. = 0.3
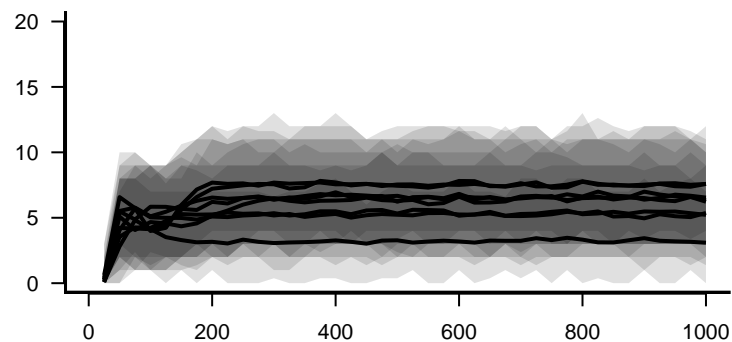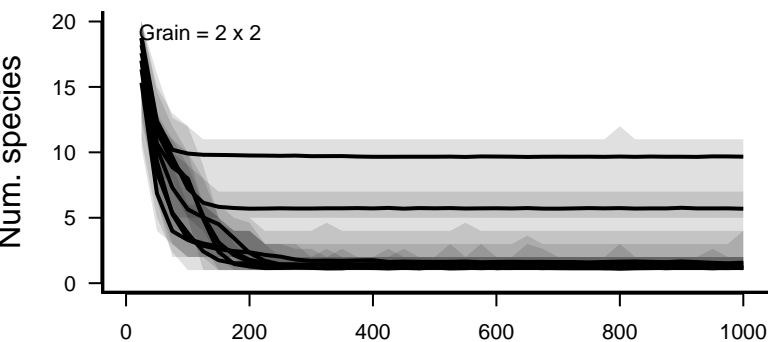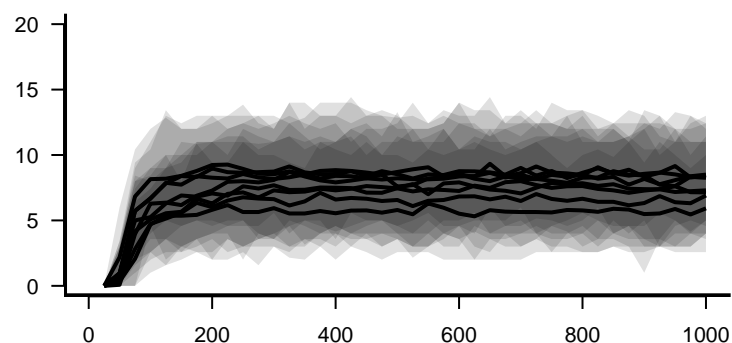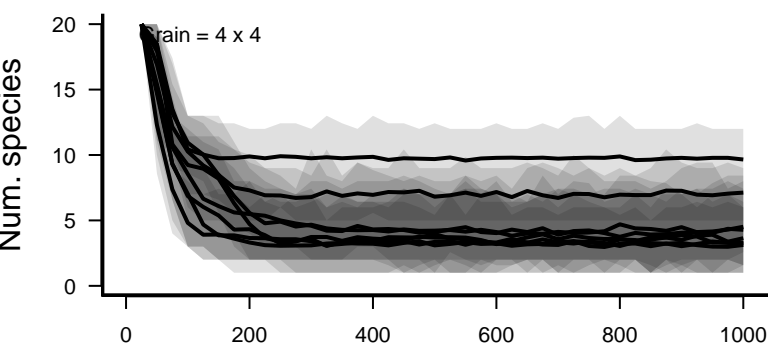
Classified Core (by occupancy)

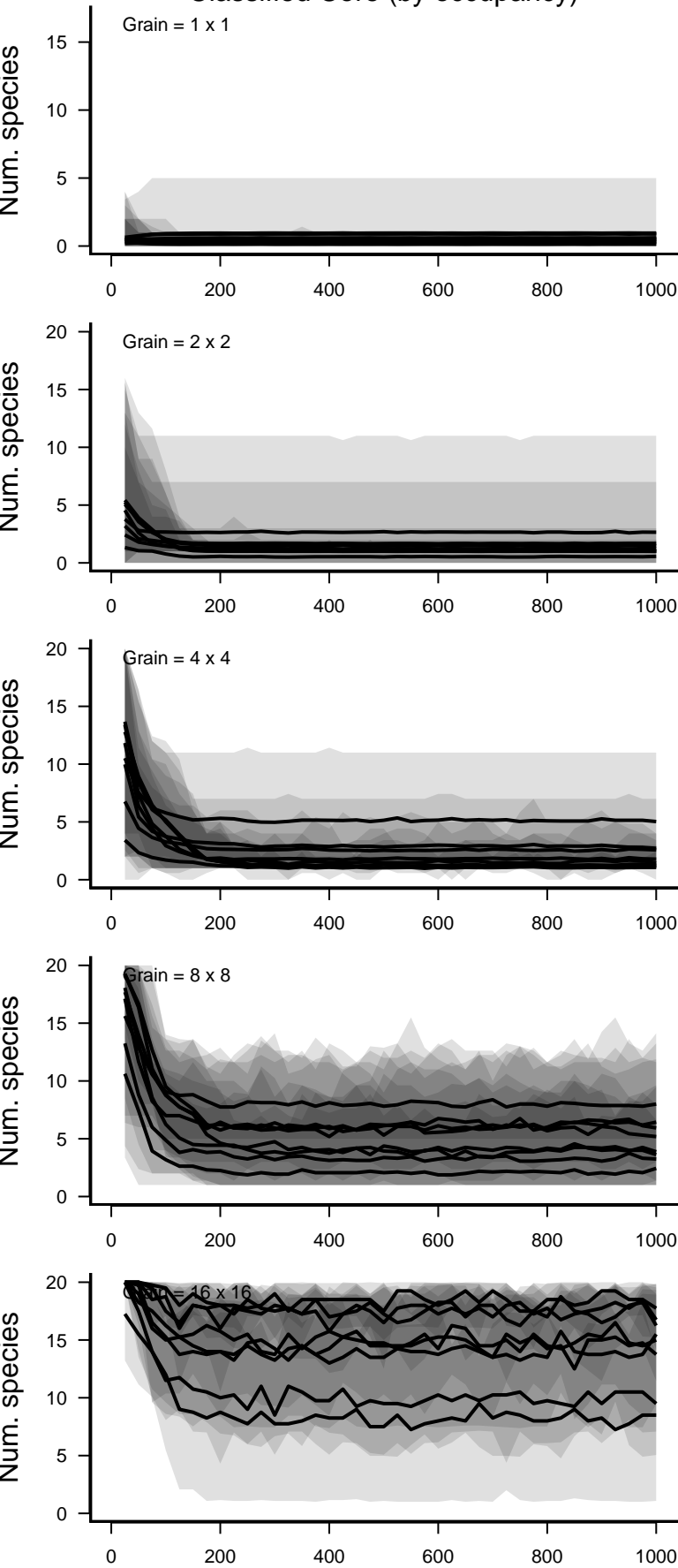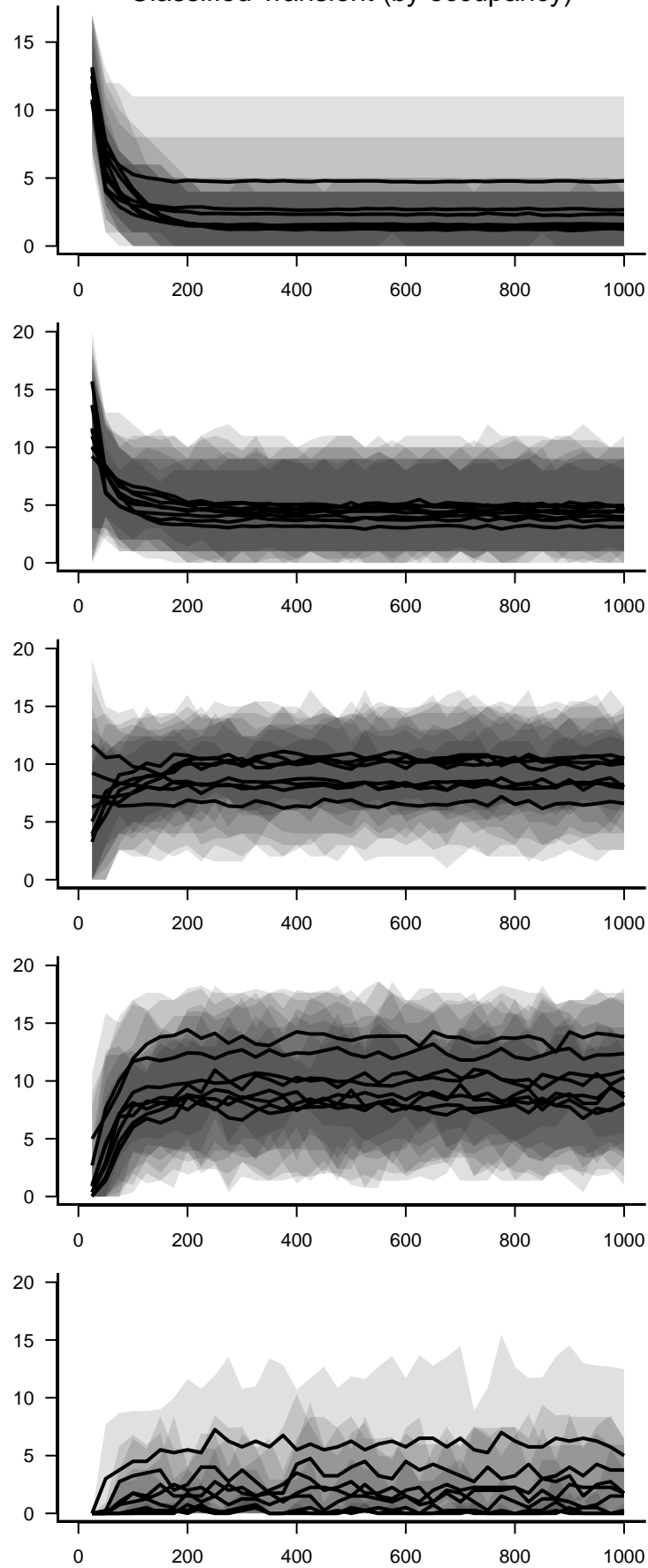## Classified Transient (by occupancy)

Birth rate−based Transient Species: detection prob. = 0.3
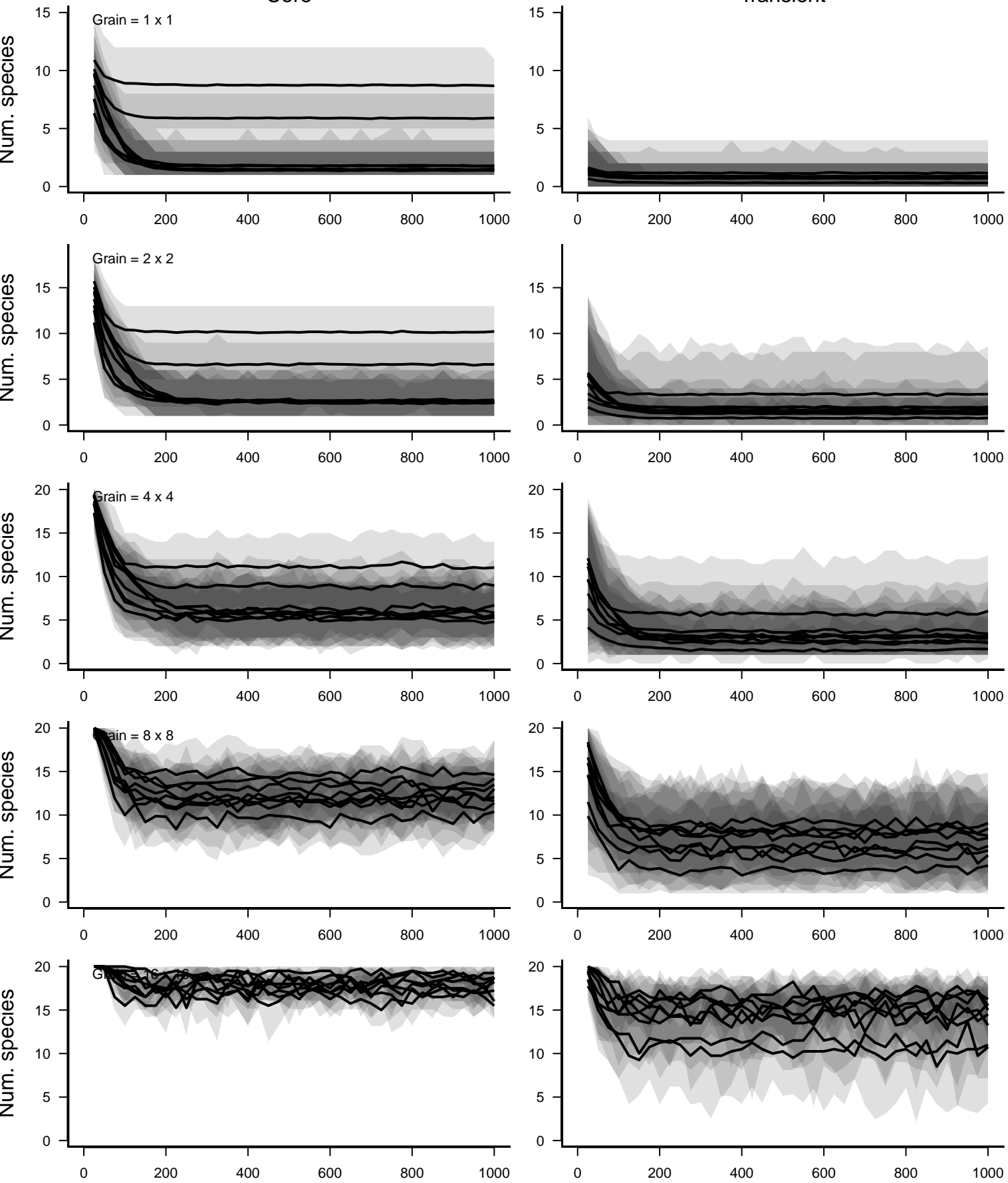
Classified Core (by occupancy)
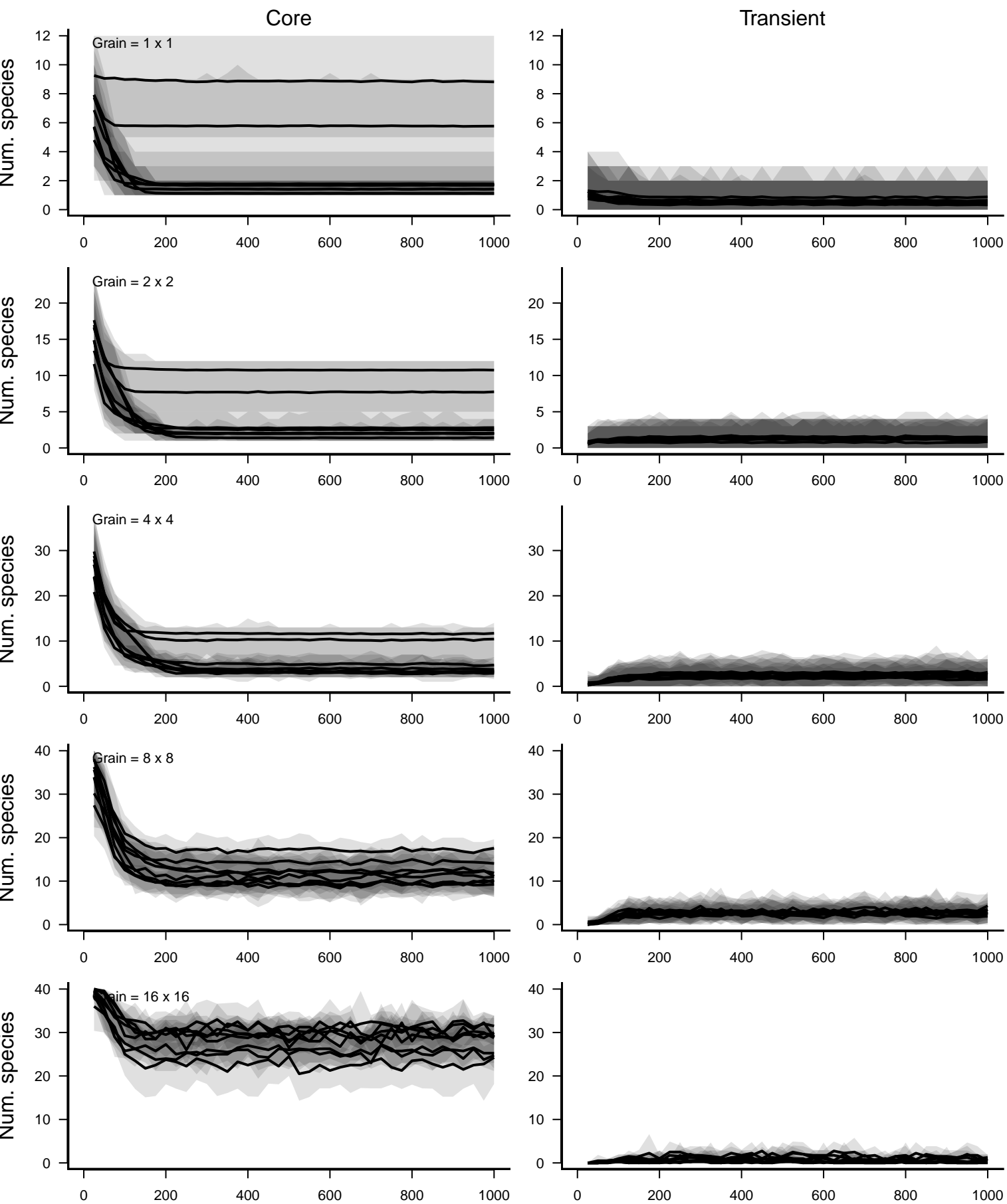
Classified Transient (by occupancy)

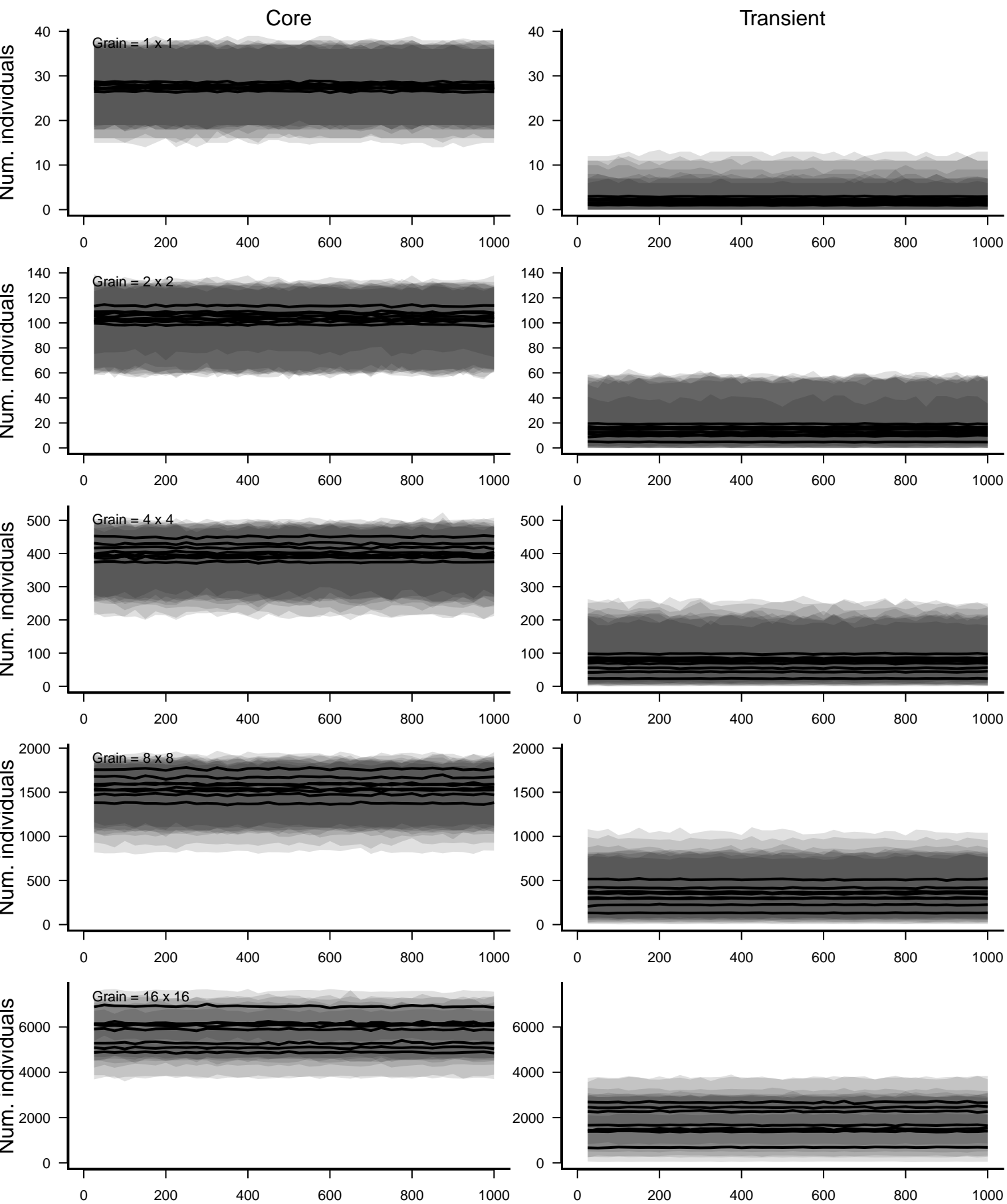# Birth rate−based categories: detection prob. = 0.2
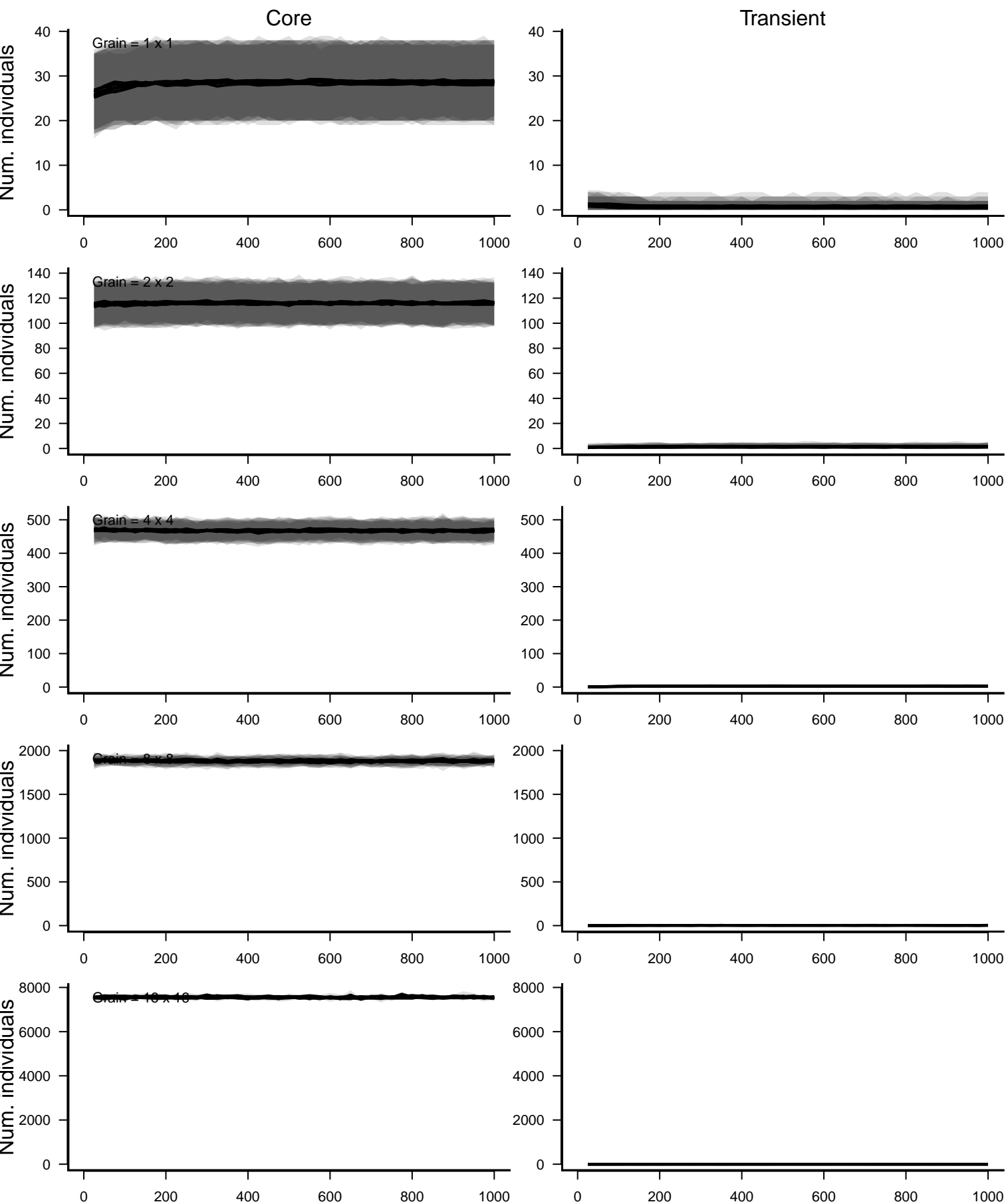
Core

Transient

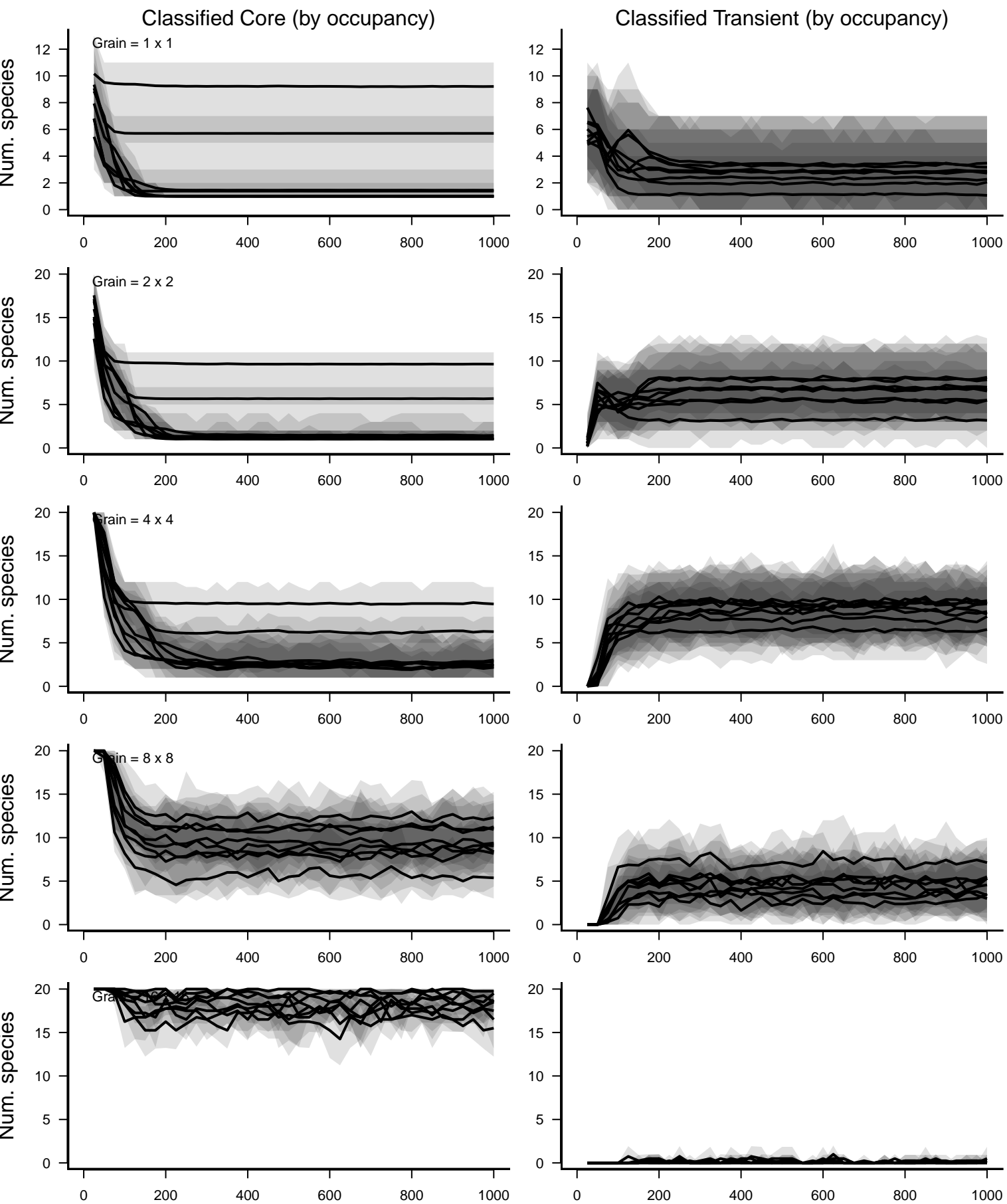Temporal occupancy−based categories: detection prob. = 0.2

Birth rate−based categories: detection prob. = 0.2

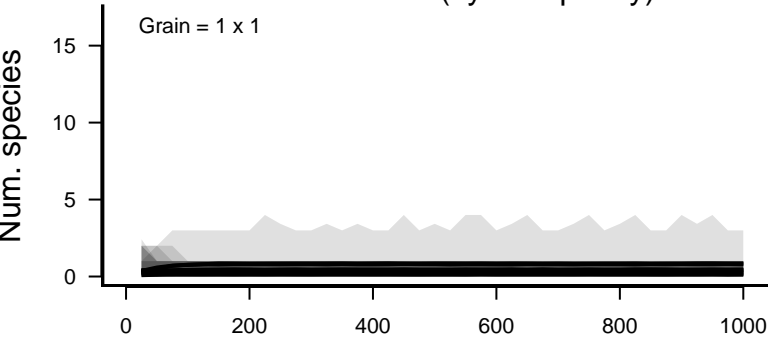# Temporal occupancy−based categories: detection prob. = 0.2

Birth rate−based Core Species: detection prob. = 0.2

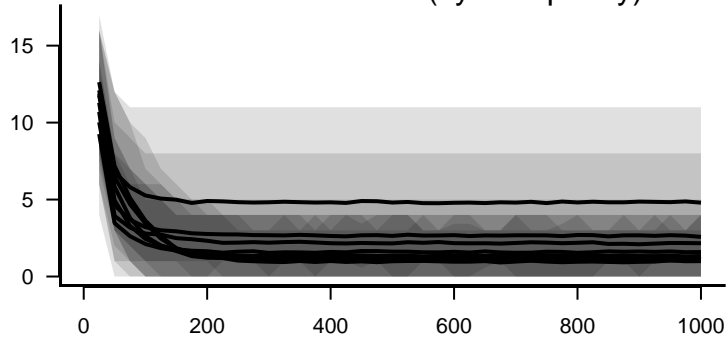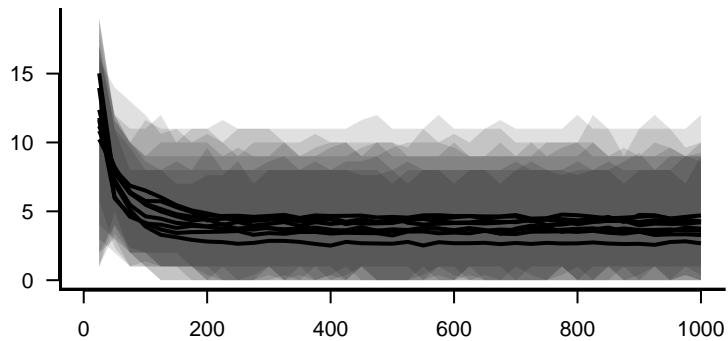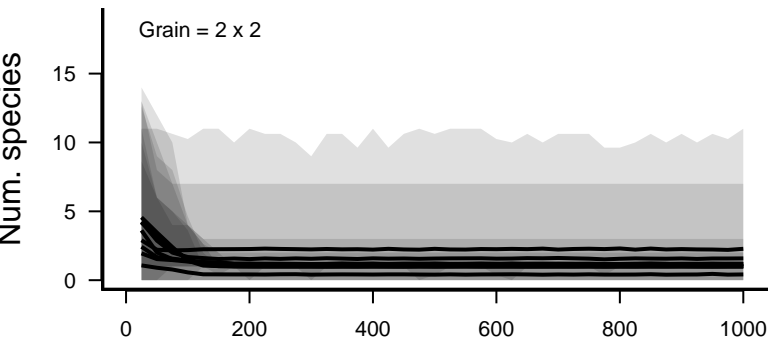# Birth rate−based Transient Species: detection prob. = 0.2
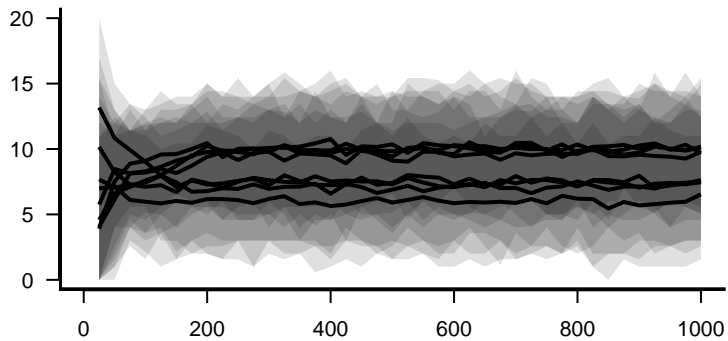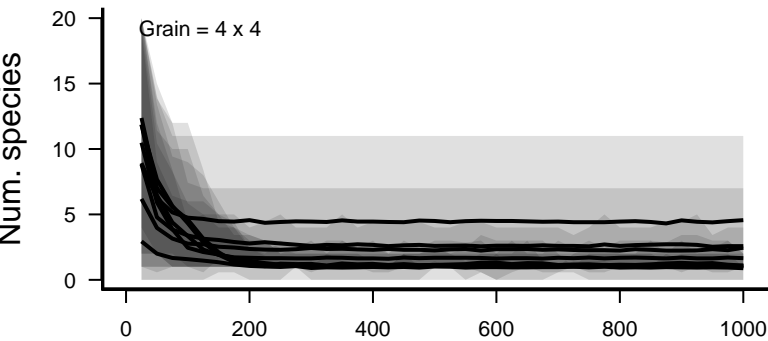
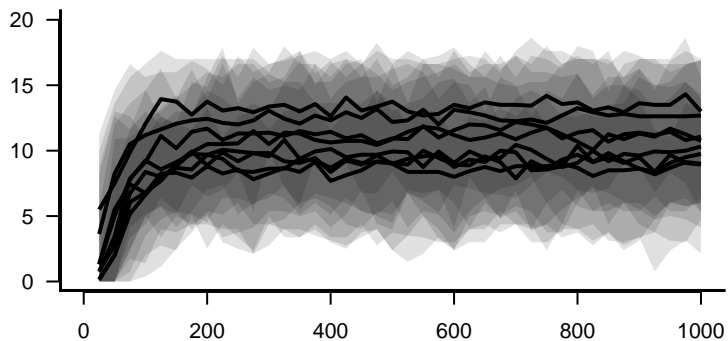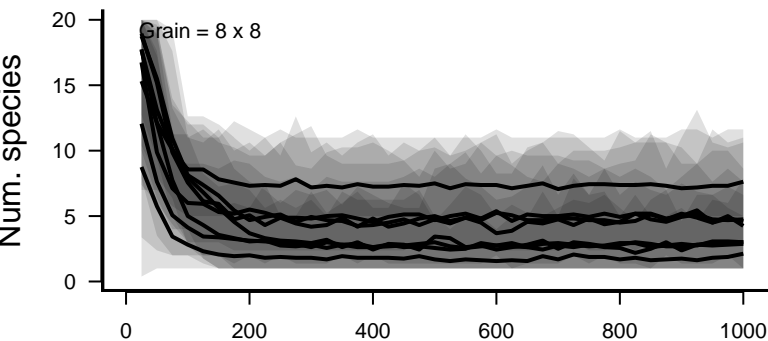## Classified Core (by occupancy)

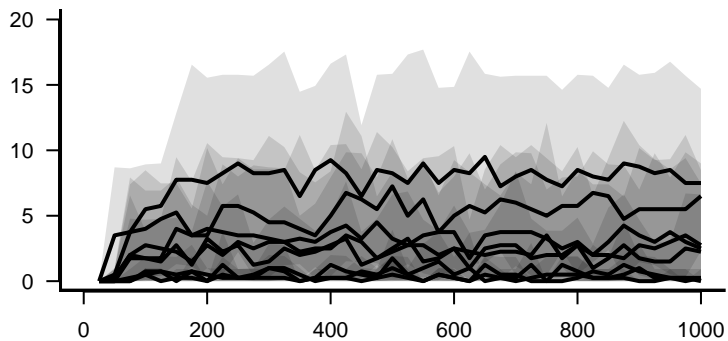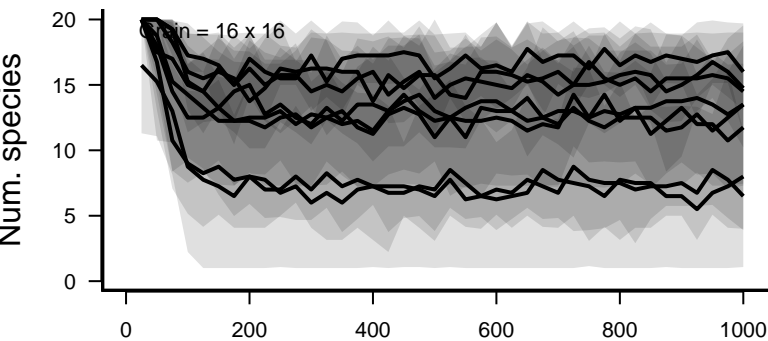## Classified Transient (by occupancy)

Grain = 1 x 1

Grain = 2 x 2

Grain = 4 x 4

Grain = 8 x 8

Grain = 16 x 16

Birth rate−based categories: detection prob. = 0.1

Core

Grain = 1 x 1

Grain = 2 x 2

Grain = 4 x 4

Grain = 8 x 8

Grain = 16 x 16
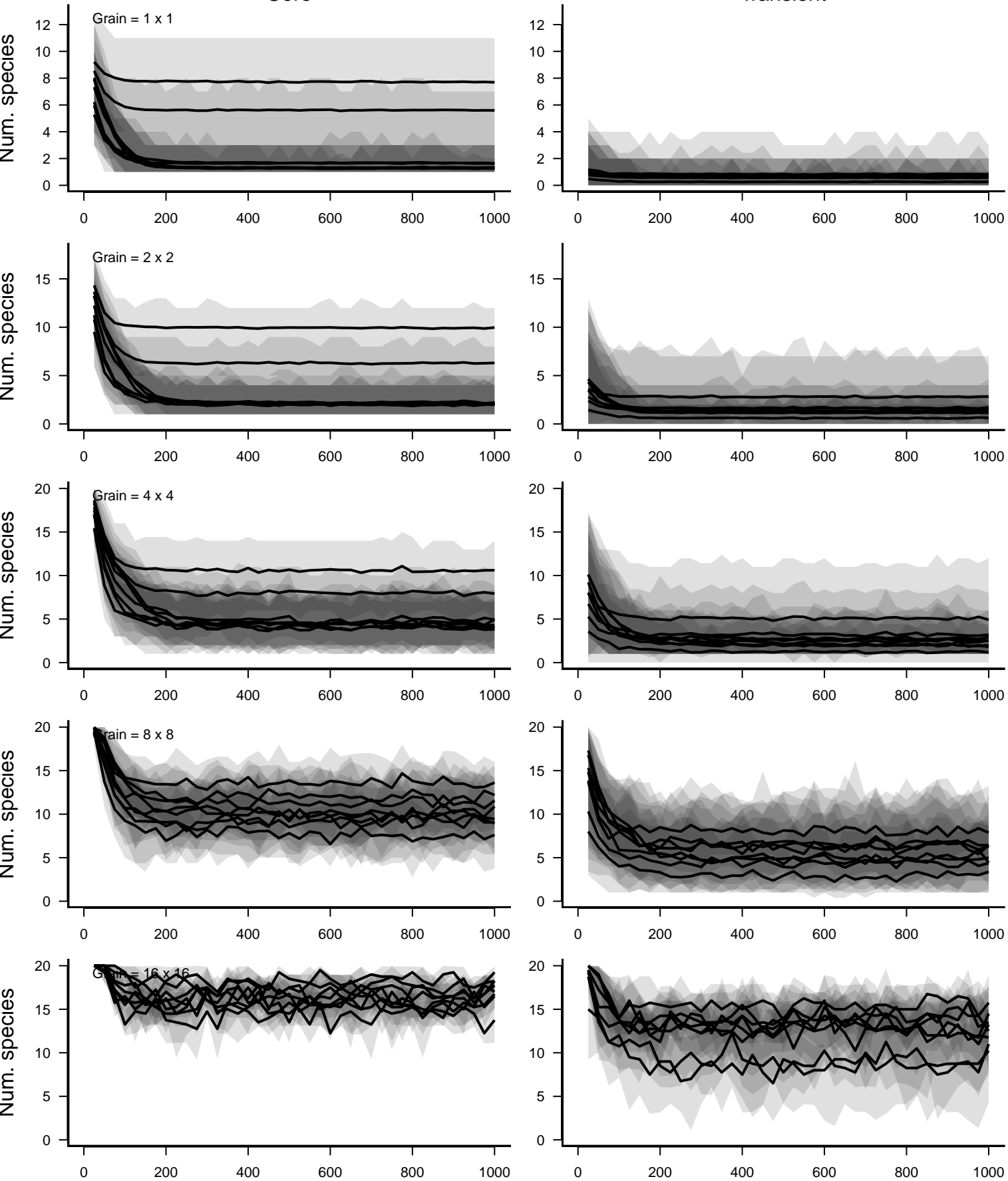
Transient
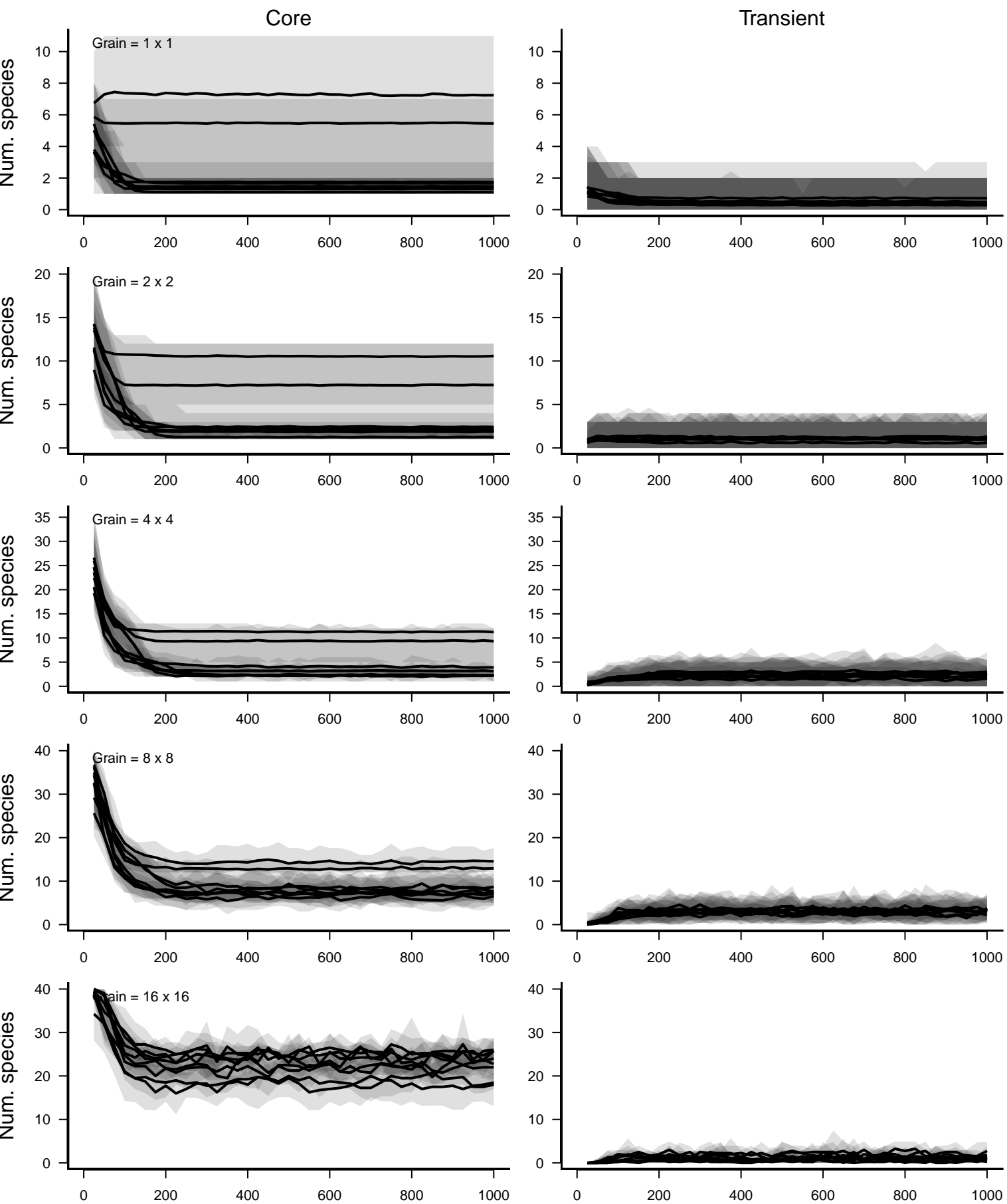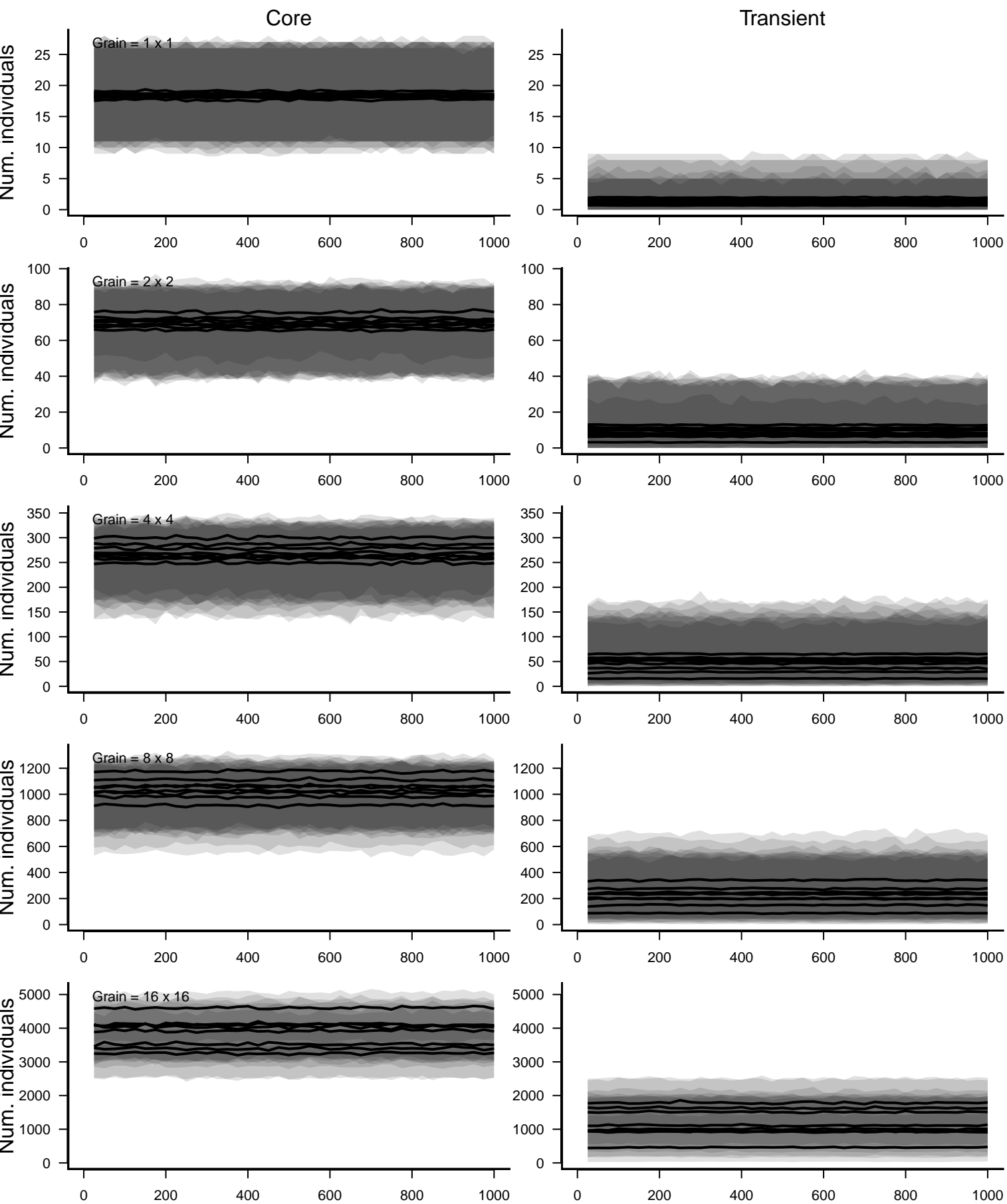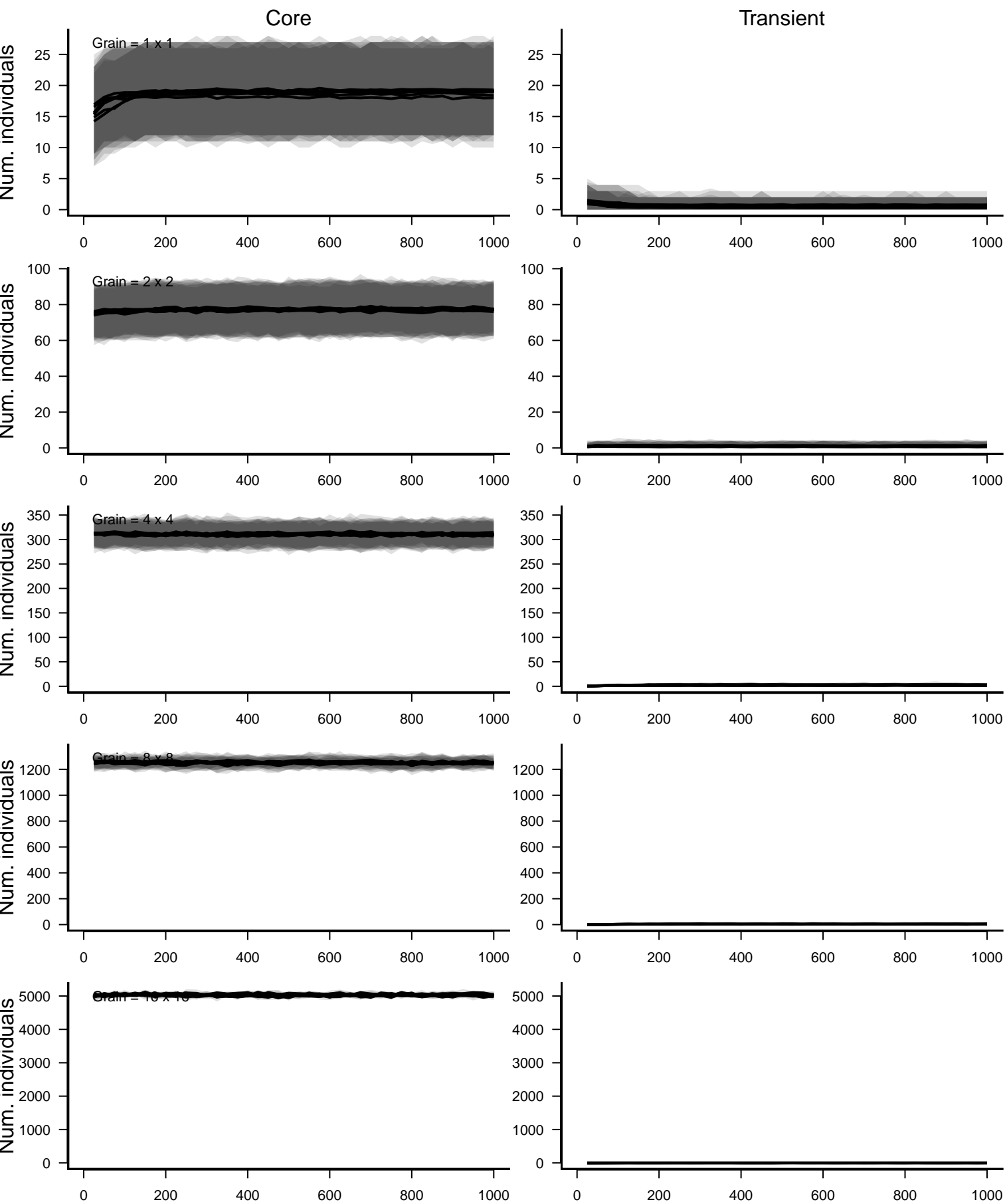
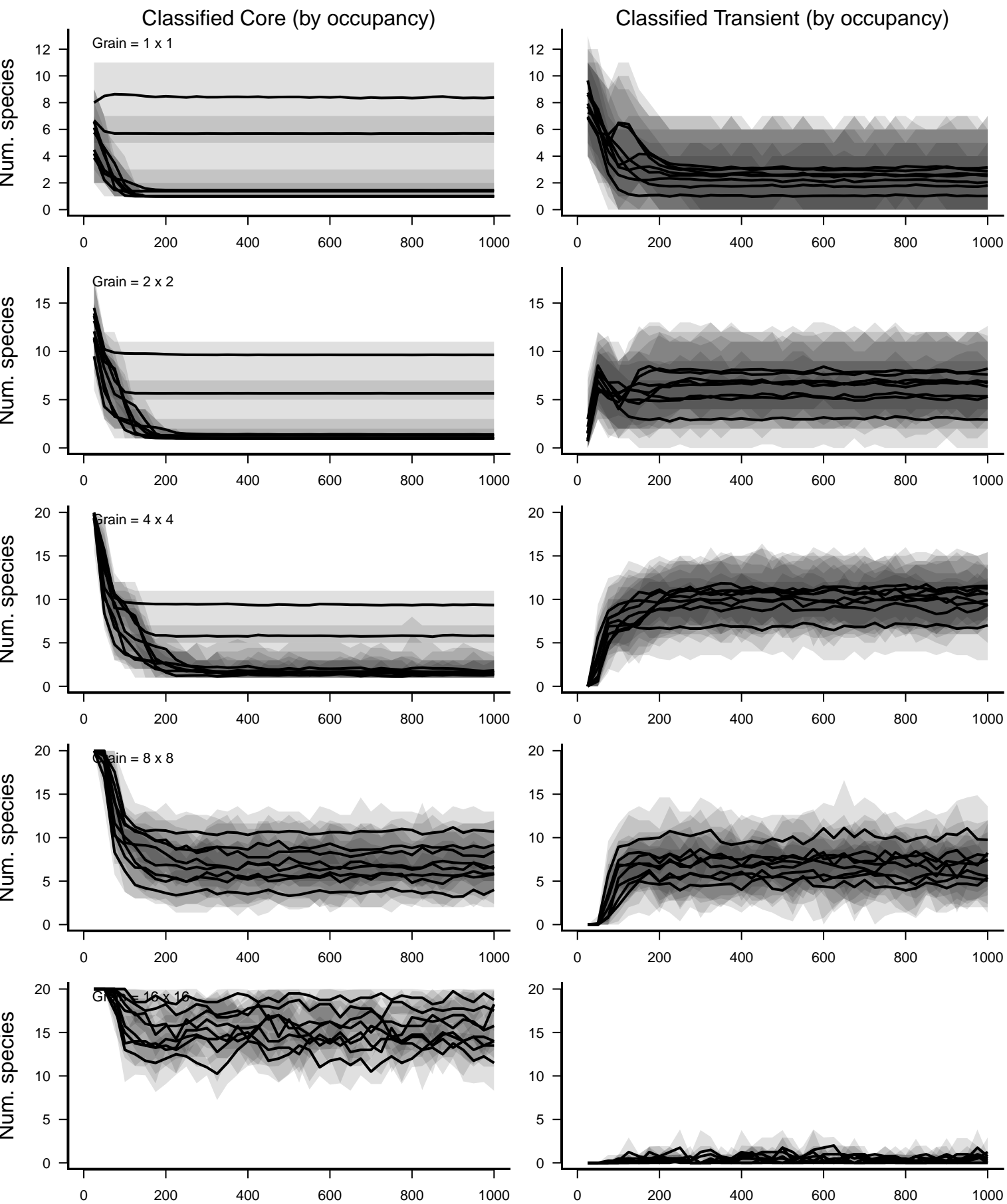# Temporal occupancy−based categories: detection prob. = 0.1

Birth rate−based categories: detection prob. = 0.1

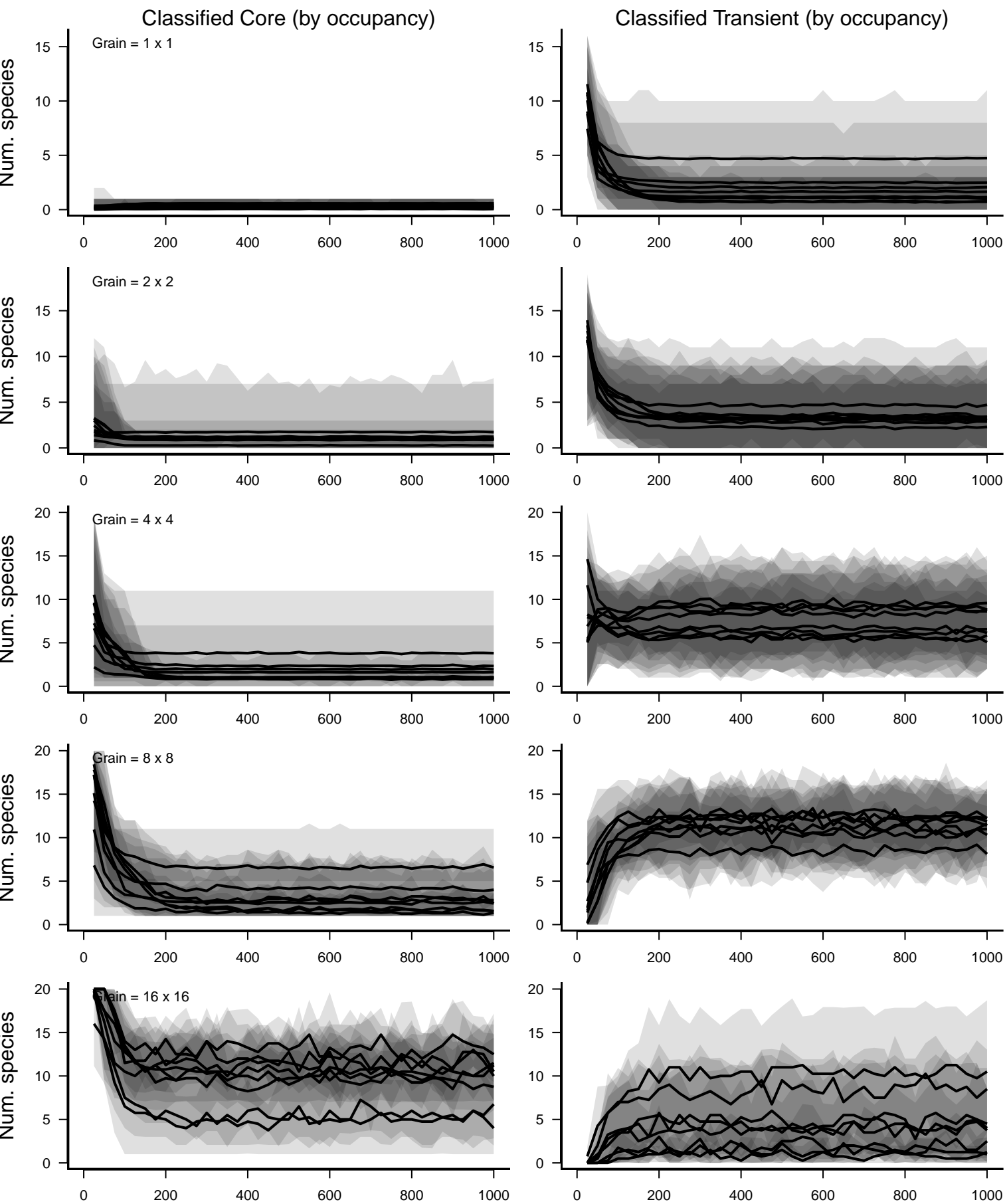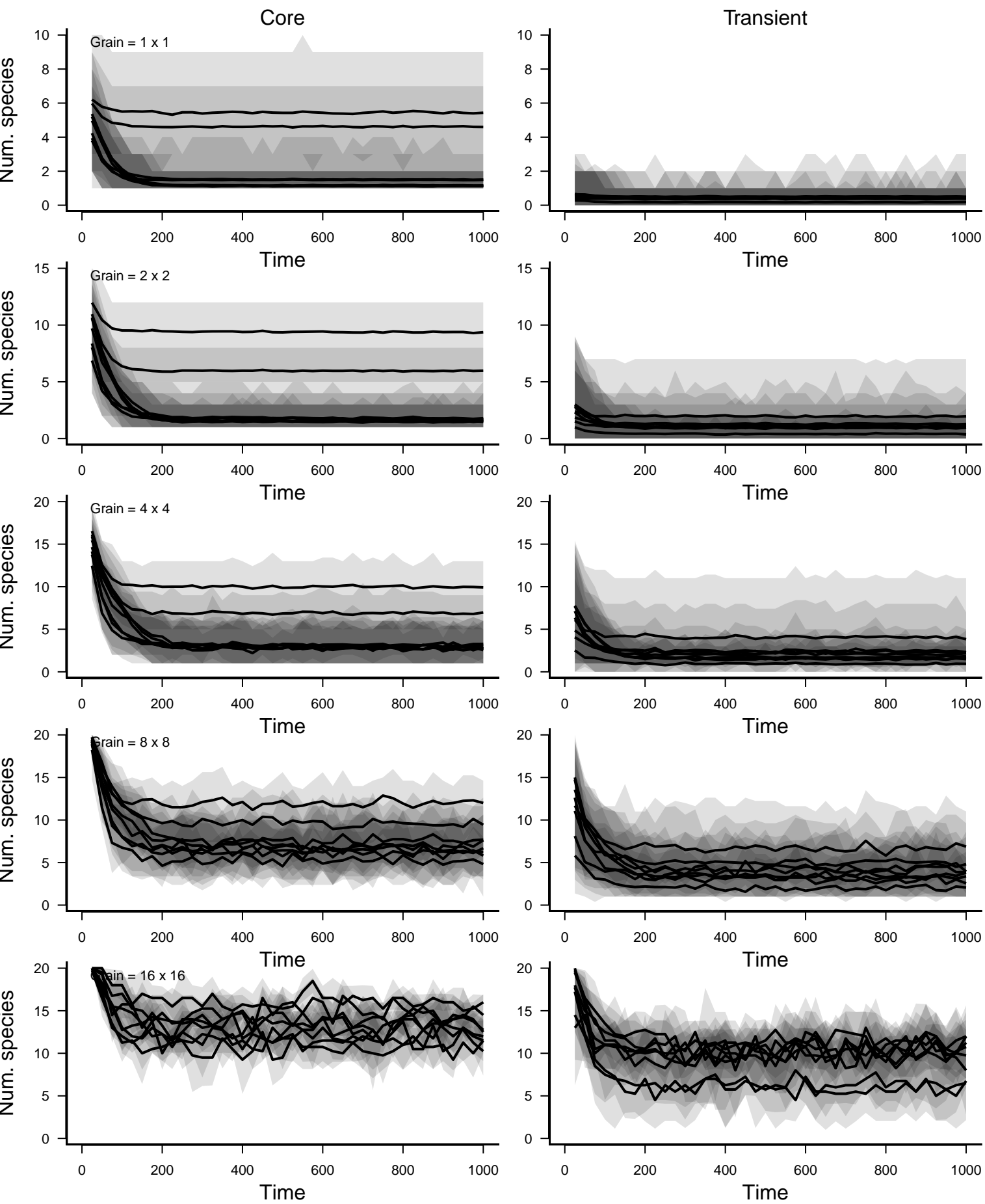Temporal occupancy−based categories: detection prob. = 0.1

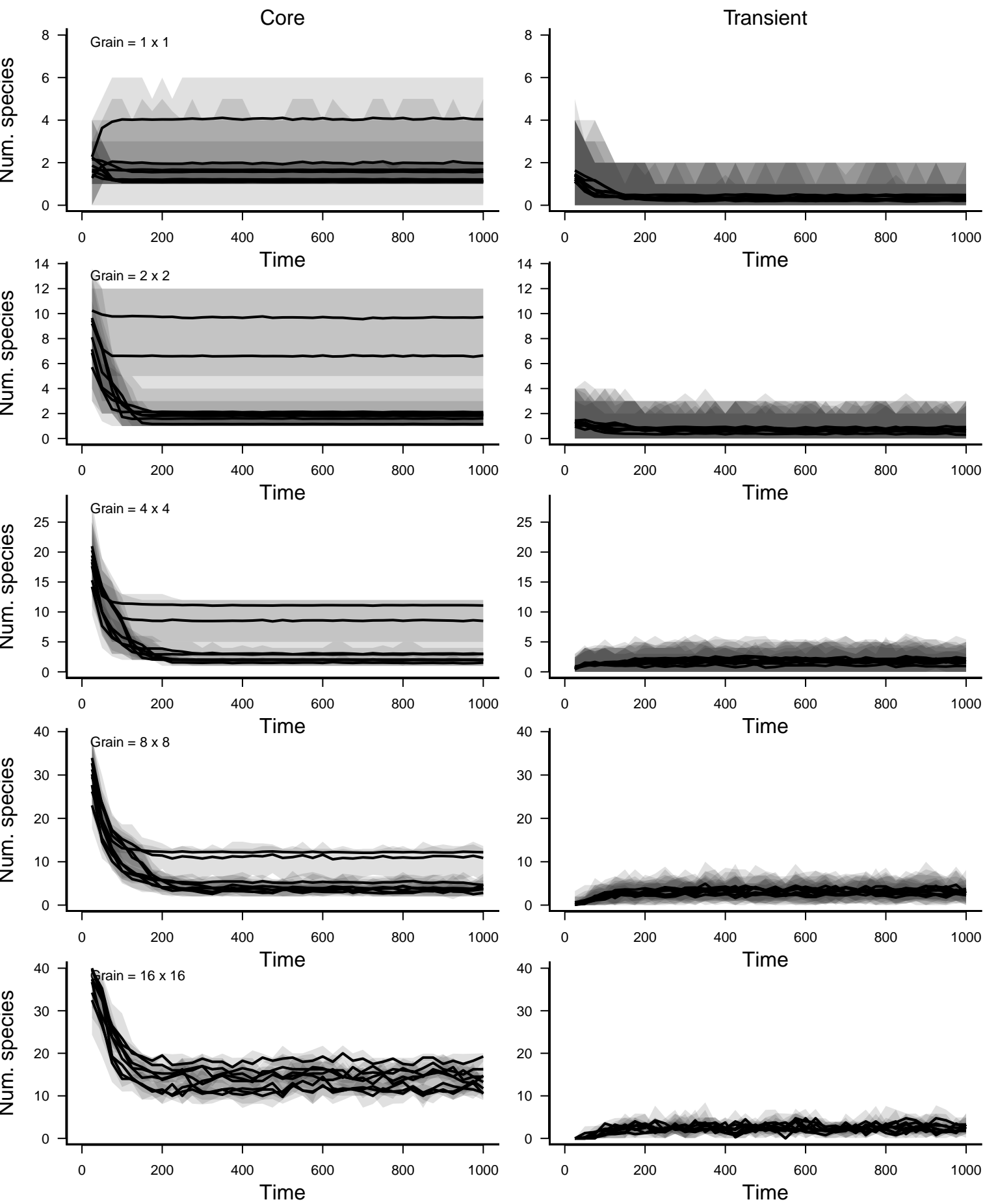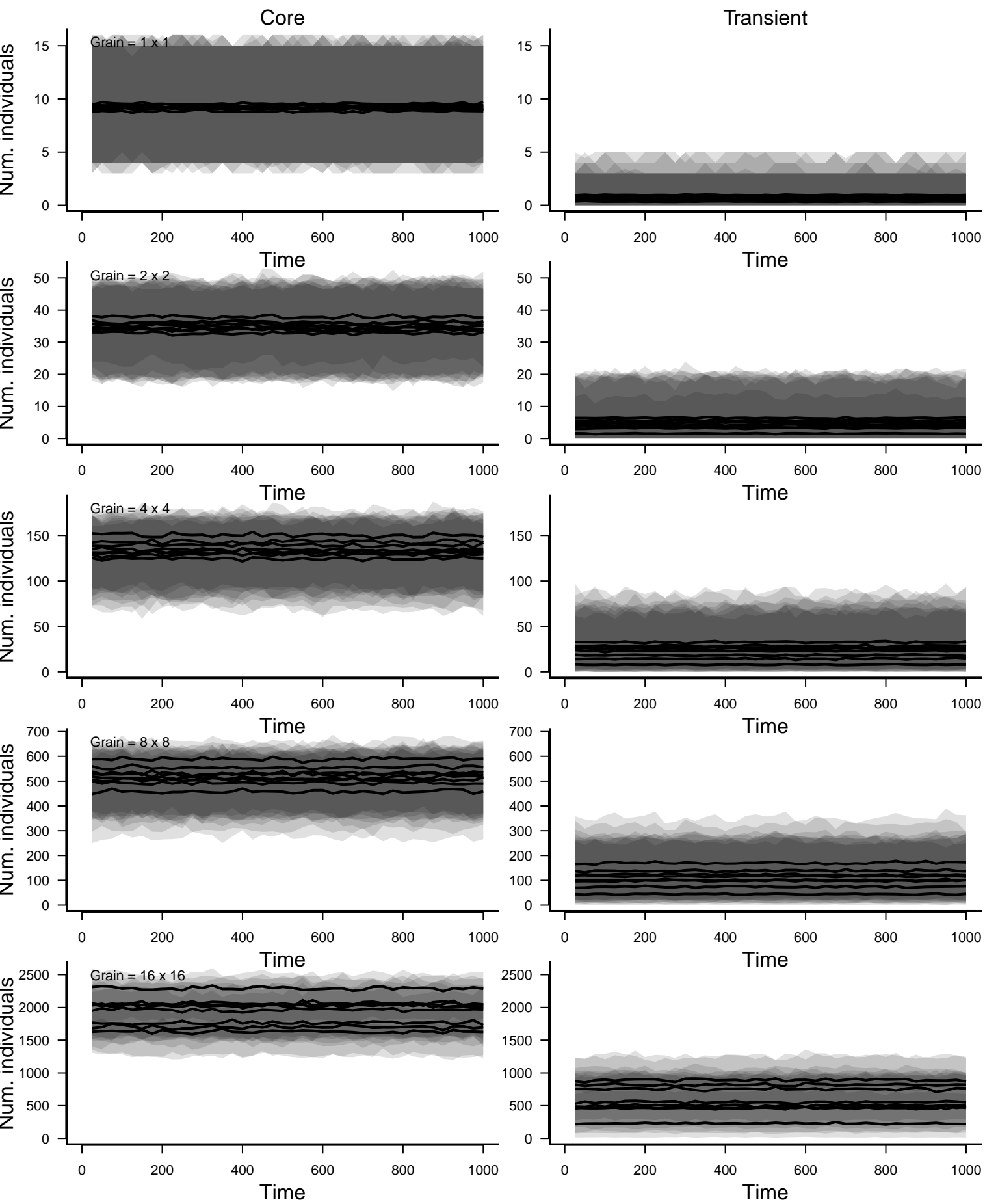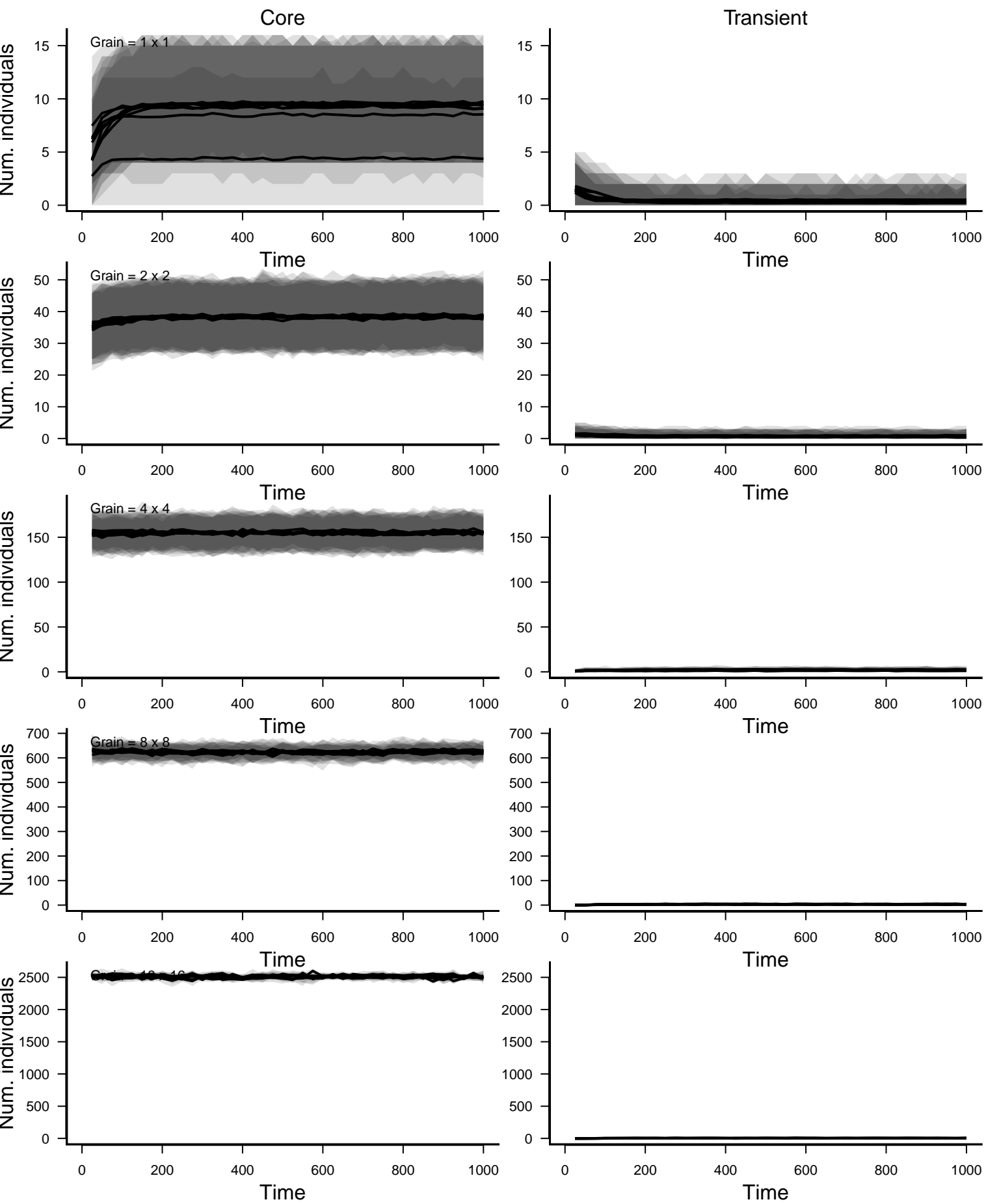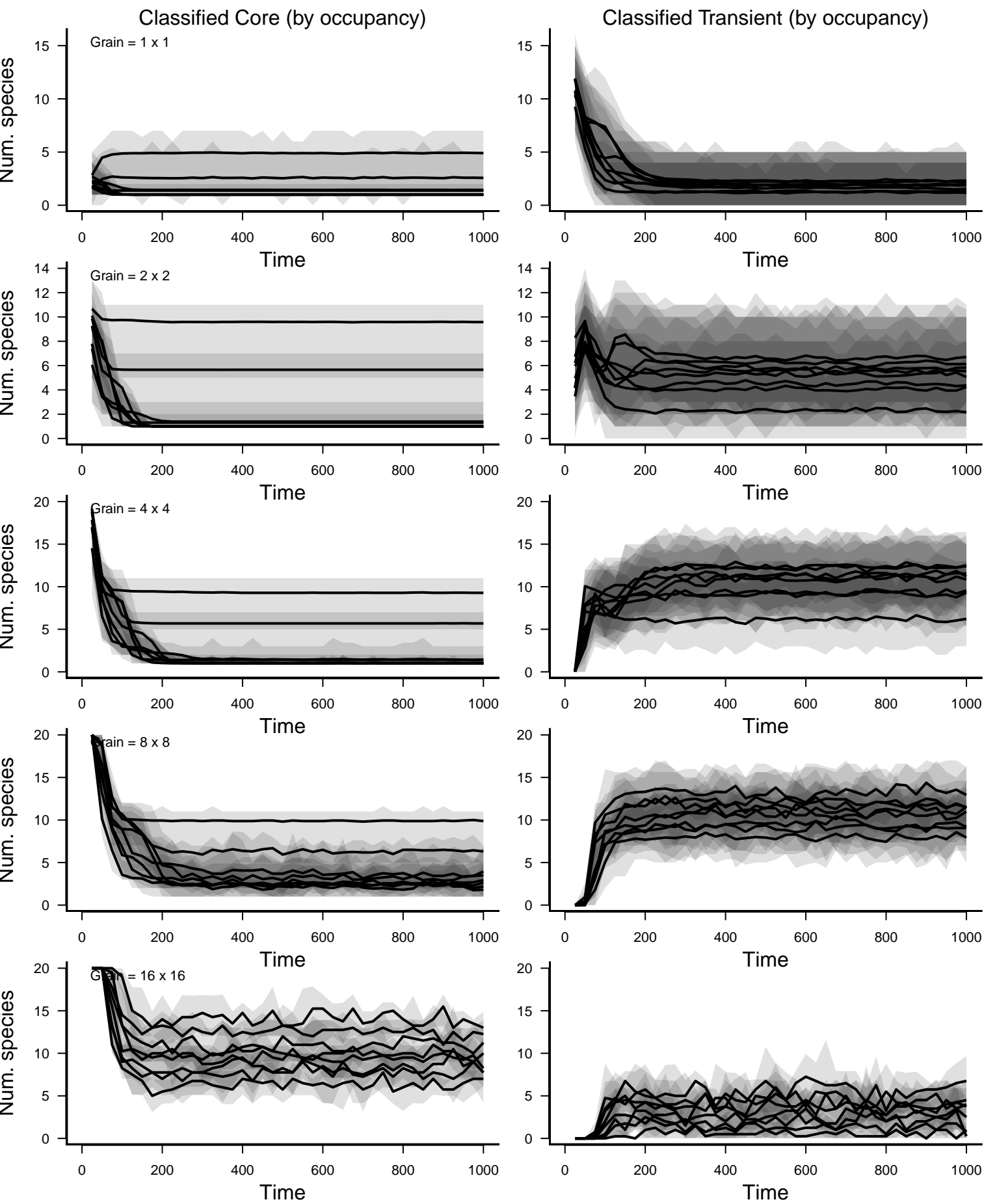# Birth rate−based Core Species: detection prob. = 0.1

Classified Core (by occupancy)

Grain = 1 x 1

Grain = 2 x 2

Grain = 4 x 4

Grain = 8 x 8

Grain = 16 x 16

Classified Transient (by occupancy)

Birth rate−based Transient Species: detection prob. = 0.1

Classified Core (by occupancy)

Classified Transient (by occupancy)