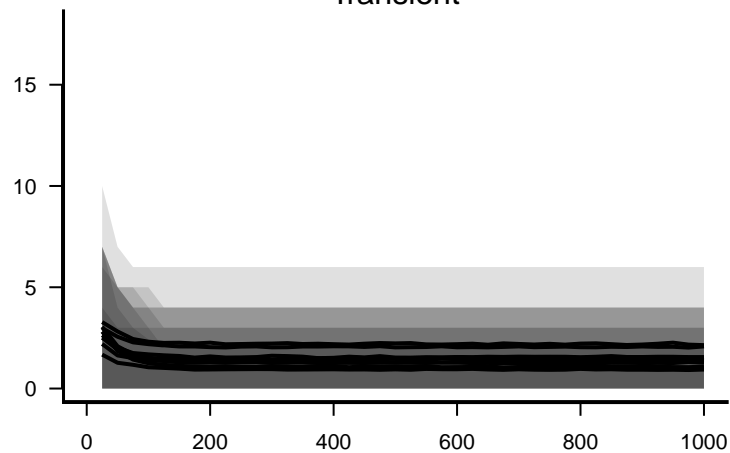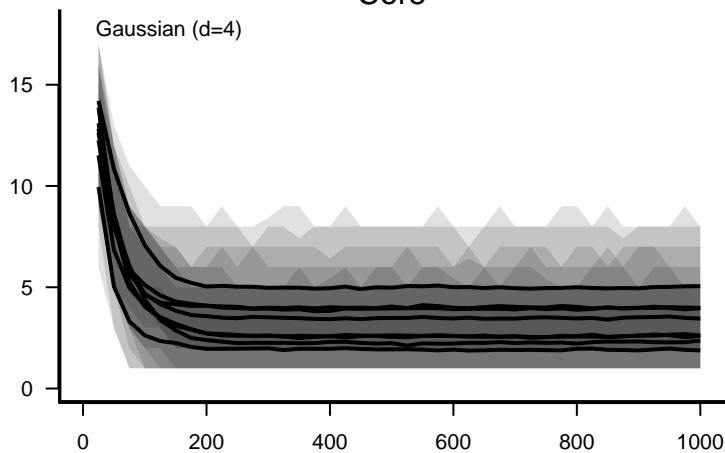Birth rate−based categories: spatial grain = 1 x 1
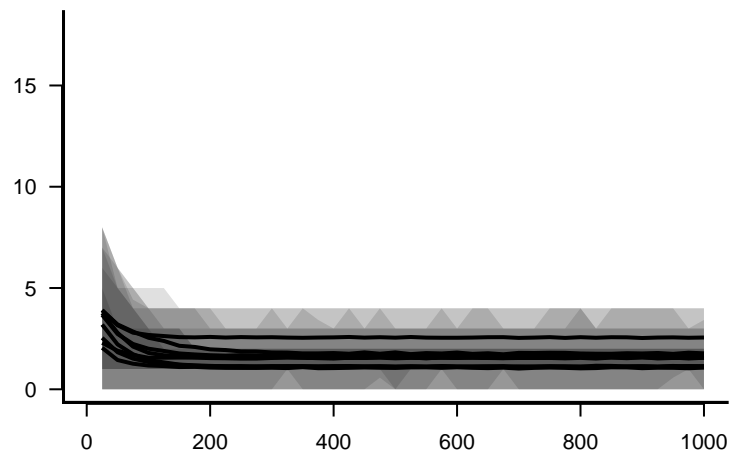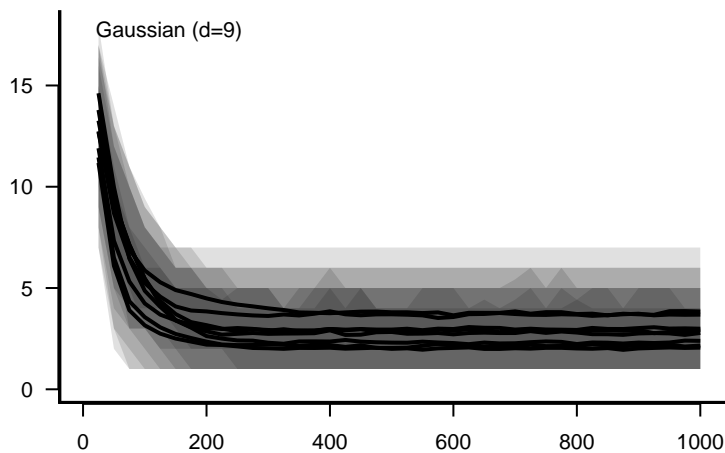
Temporal occupancy−based categories: spatial grain = 1 x 1
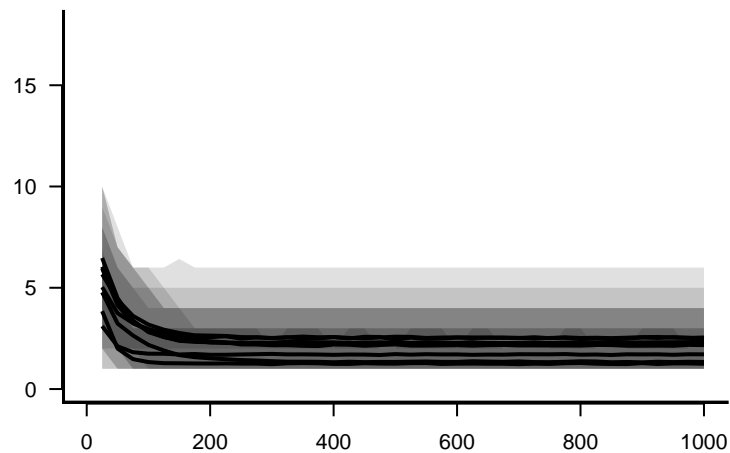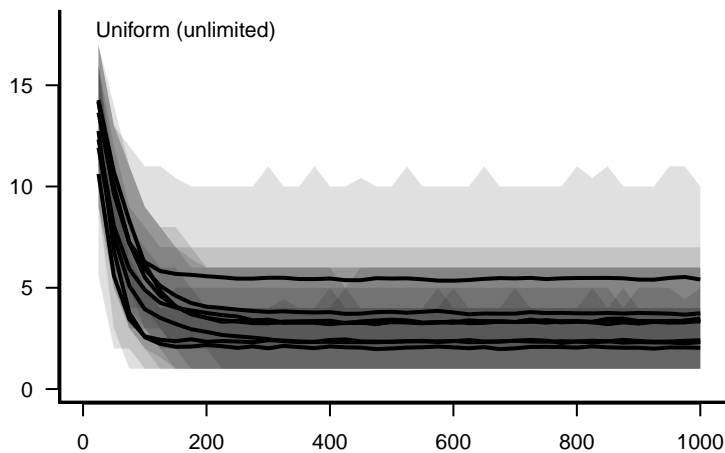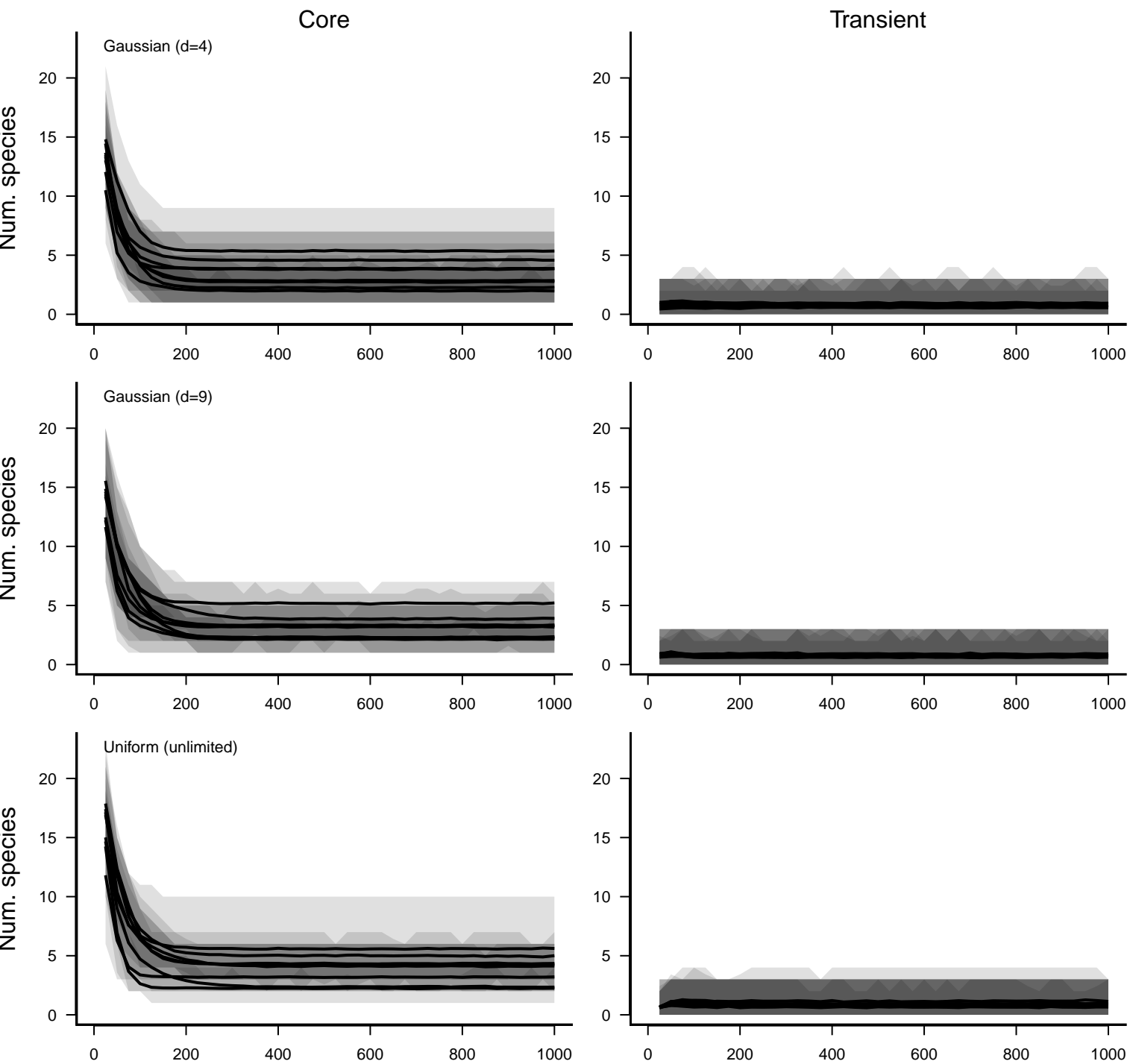
Birth rate−based categories: spatial grain = 1 x 1

Temporal occupancy−based categories: spatial grain = 1 x 1

Core

Gaussian (d=4)

Gaussian (d=9)

Uniform (unlimited)

Transient

Birth rate−based Core Species: spatial grain = 1 x 1

Birth rate−based Transient Species: spatial grain = 1 x 1

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

Birth rate−based categories: spatial grain = 2 x 2
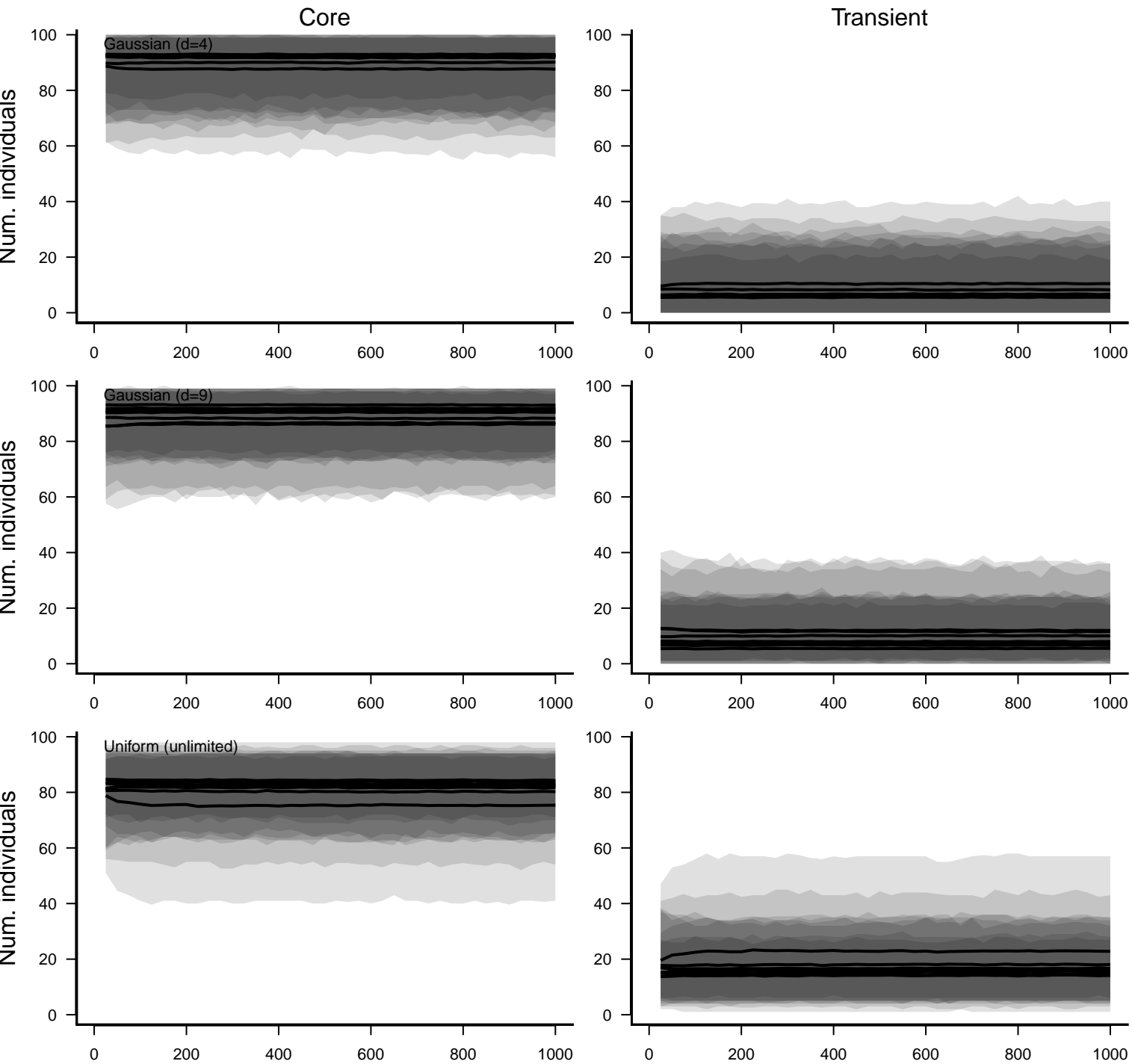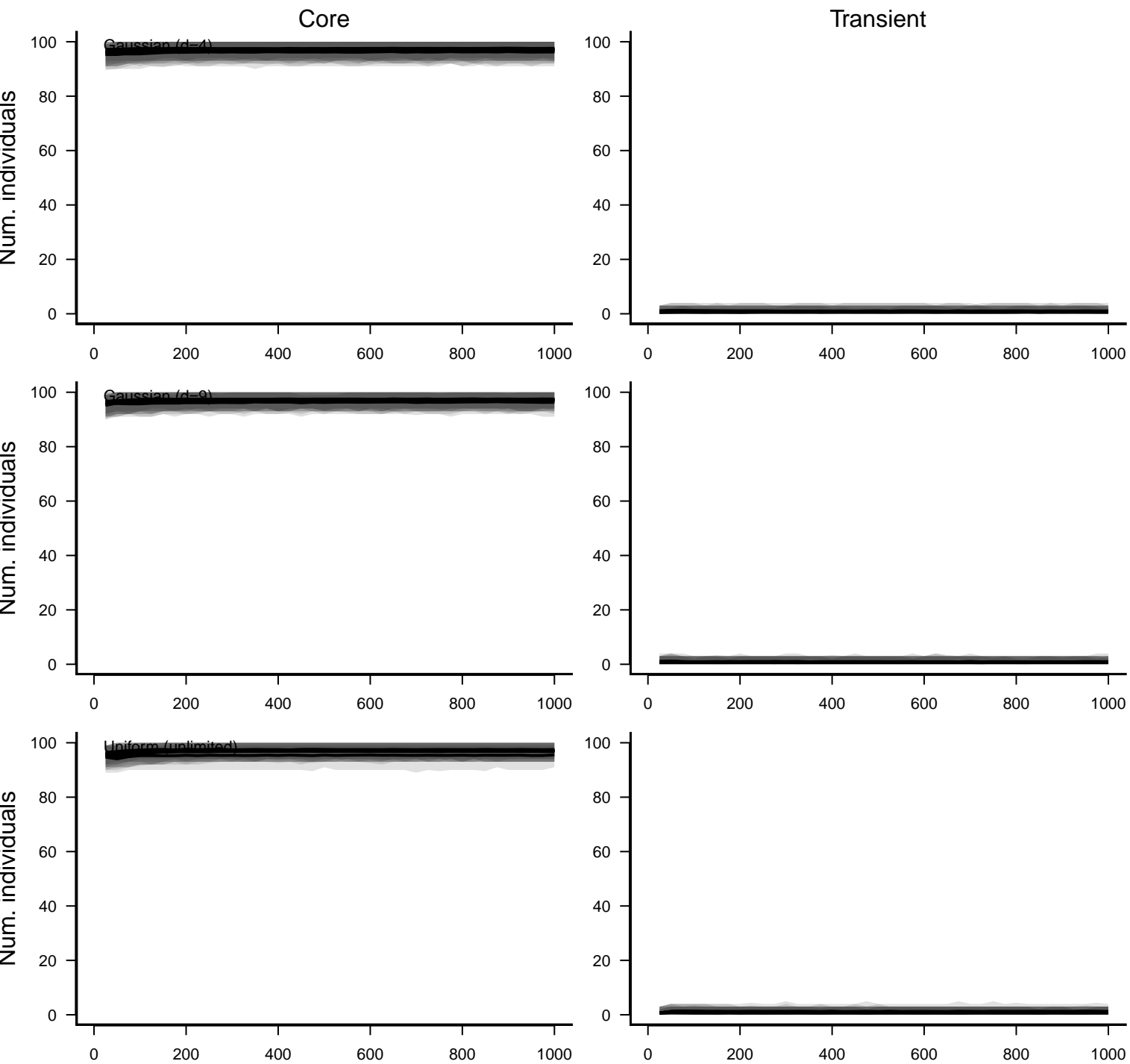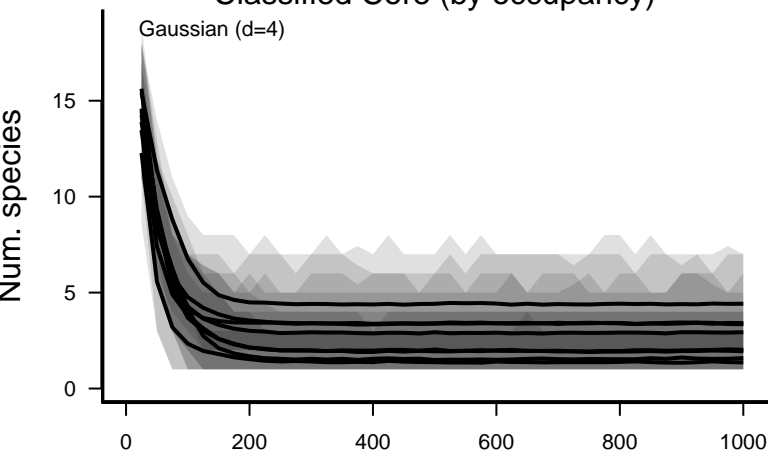
Temporal occupancy−based categories: spatial grain = 2 x 2

Birth rate−based categories: spatial grain = 2 x 2
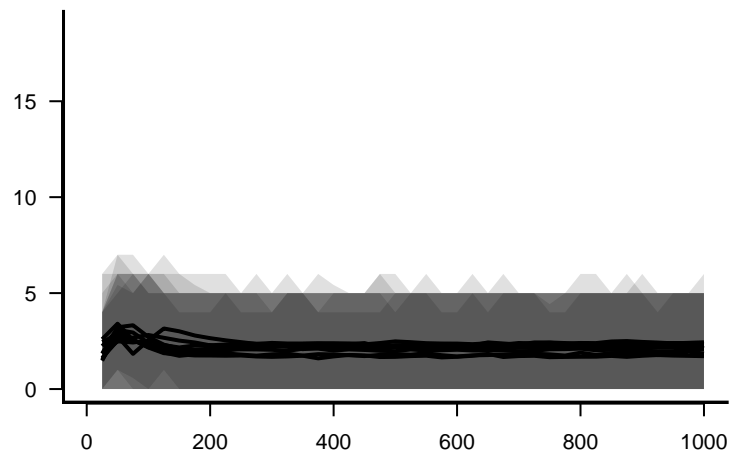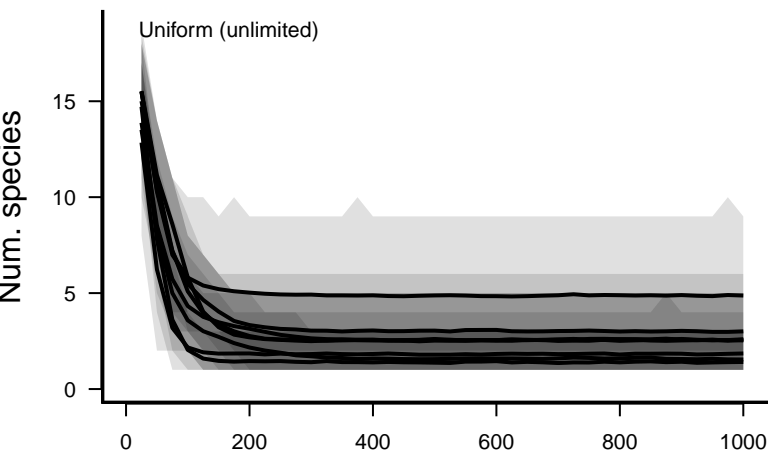
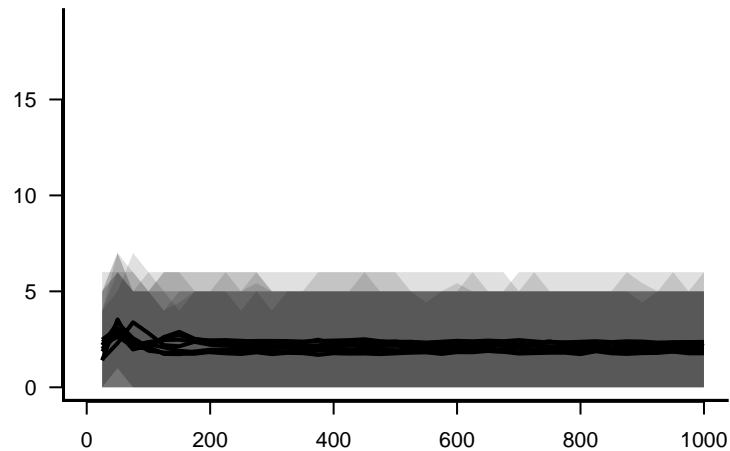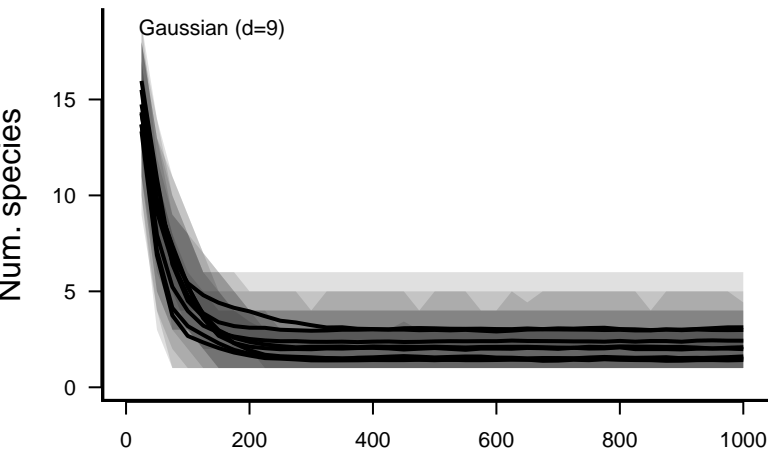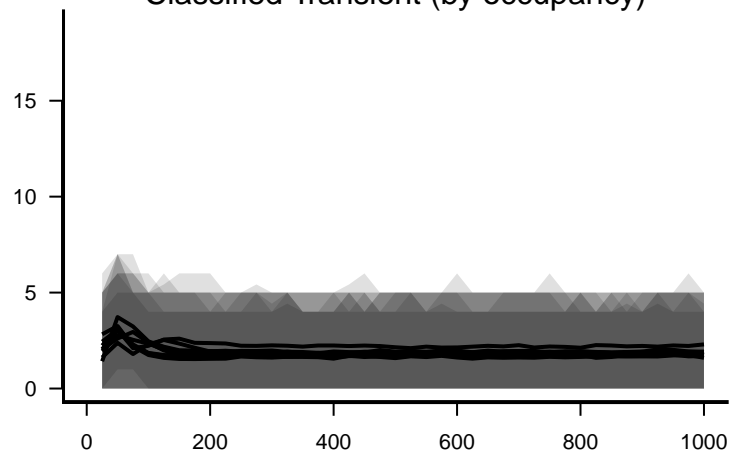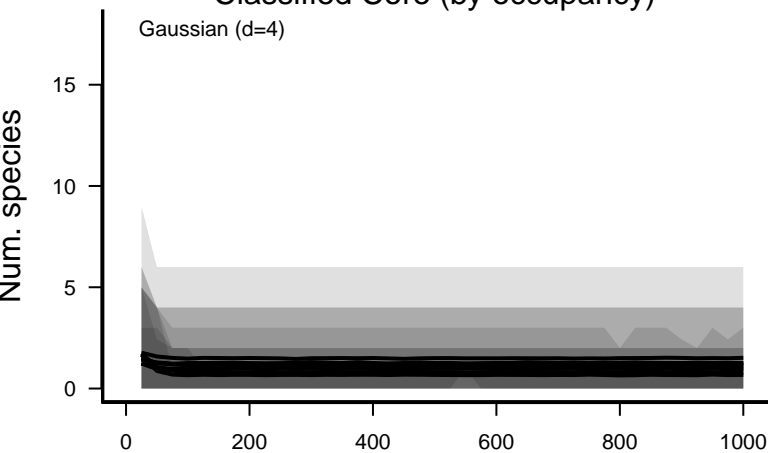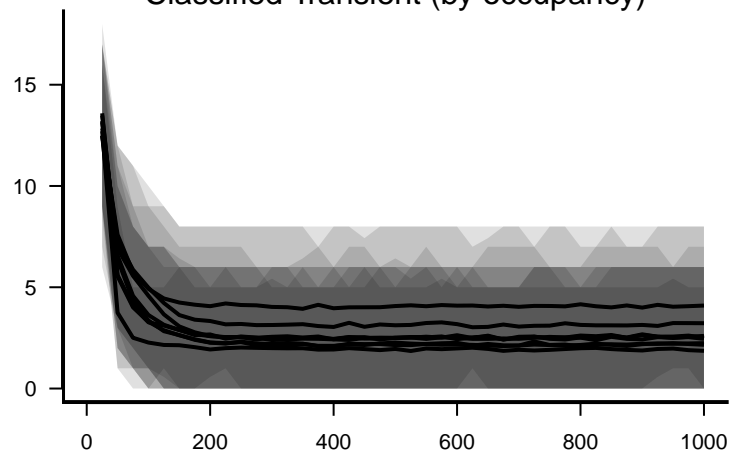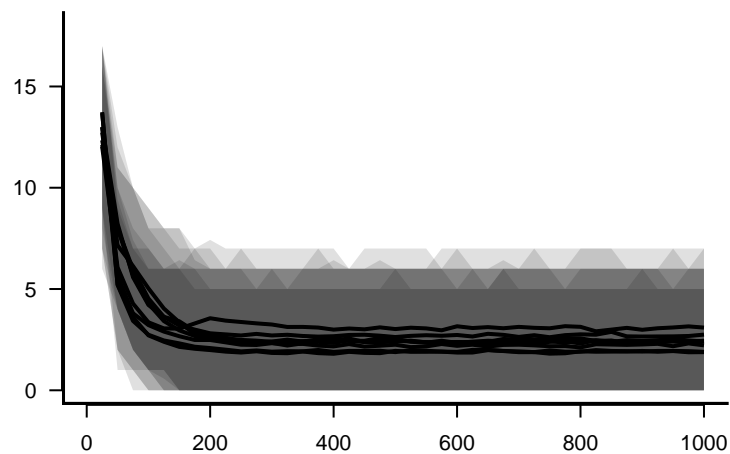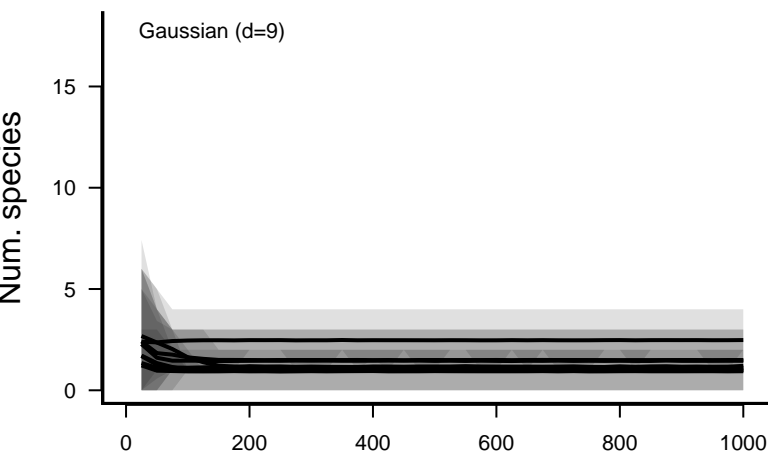Temporal occupancy−based categories: spatial grain = 2 x 2

Birth rate−based Core Species: spatial grain = 2 x 2

Birth rate−based Transient Species: spatial grain = 2 x 2

Birth rate−based categories: spatial grain = 4 x 4

Temporal occupancy–based categories: spatial grain = 4 x 4

Birth rate−based categories: spatial grain = 4 x 4

Temporal occupancy−based categories: spatial grain = 4 x 4

Birth rate−based Core Species: spatial grain = 4 x 4

Birth rate−based Transient Species: spatial grain = 4 x 4

Birth rate−based categories: spatial grain = 8 x 8
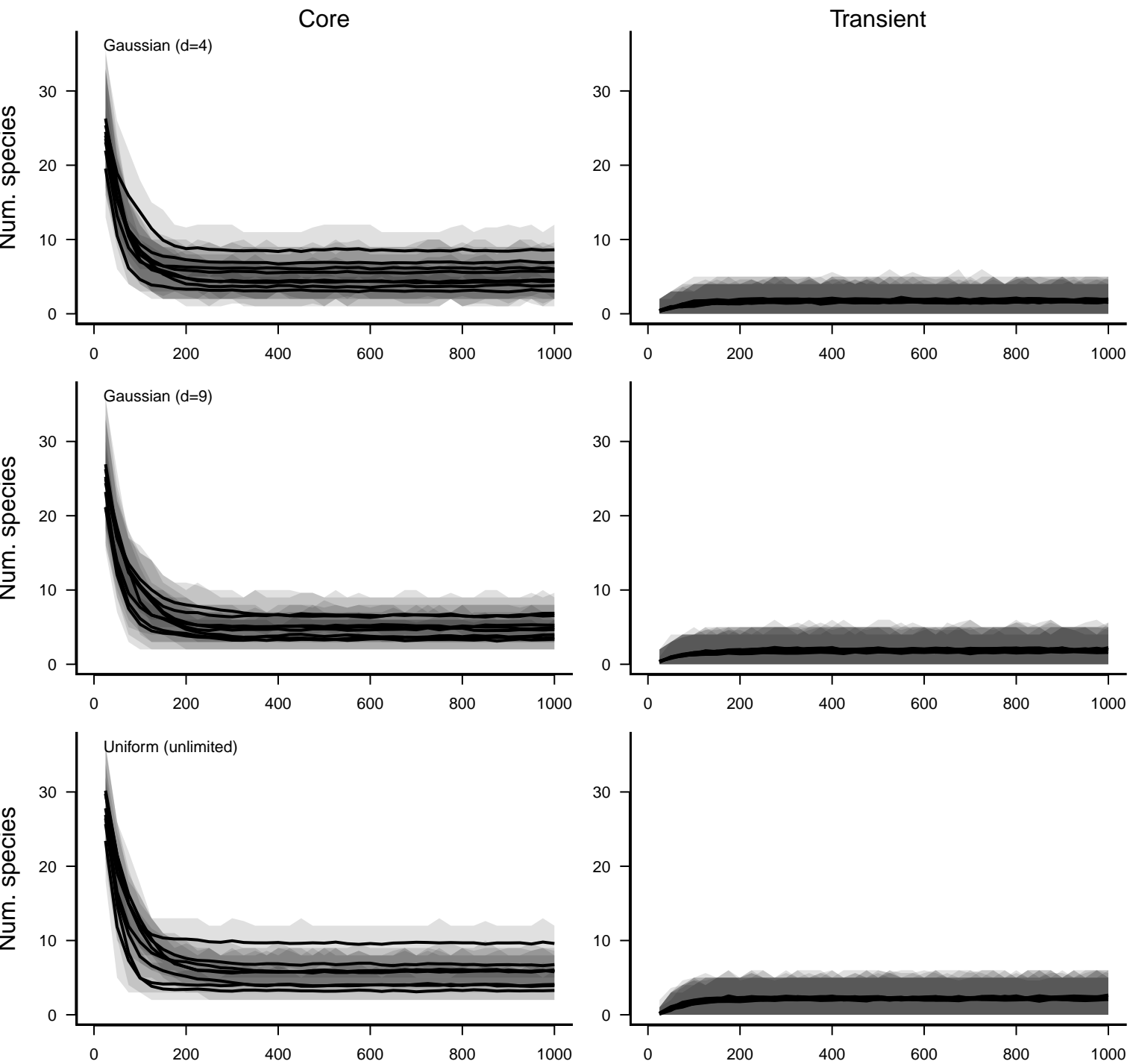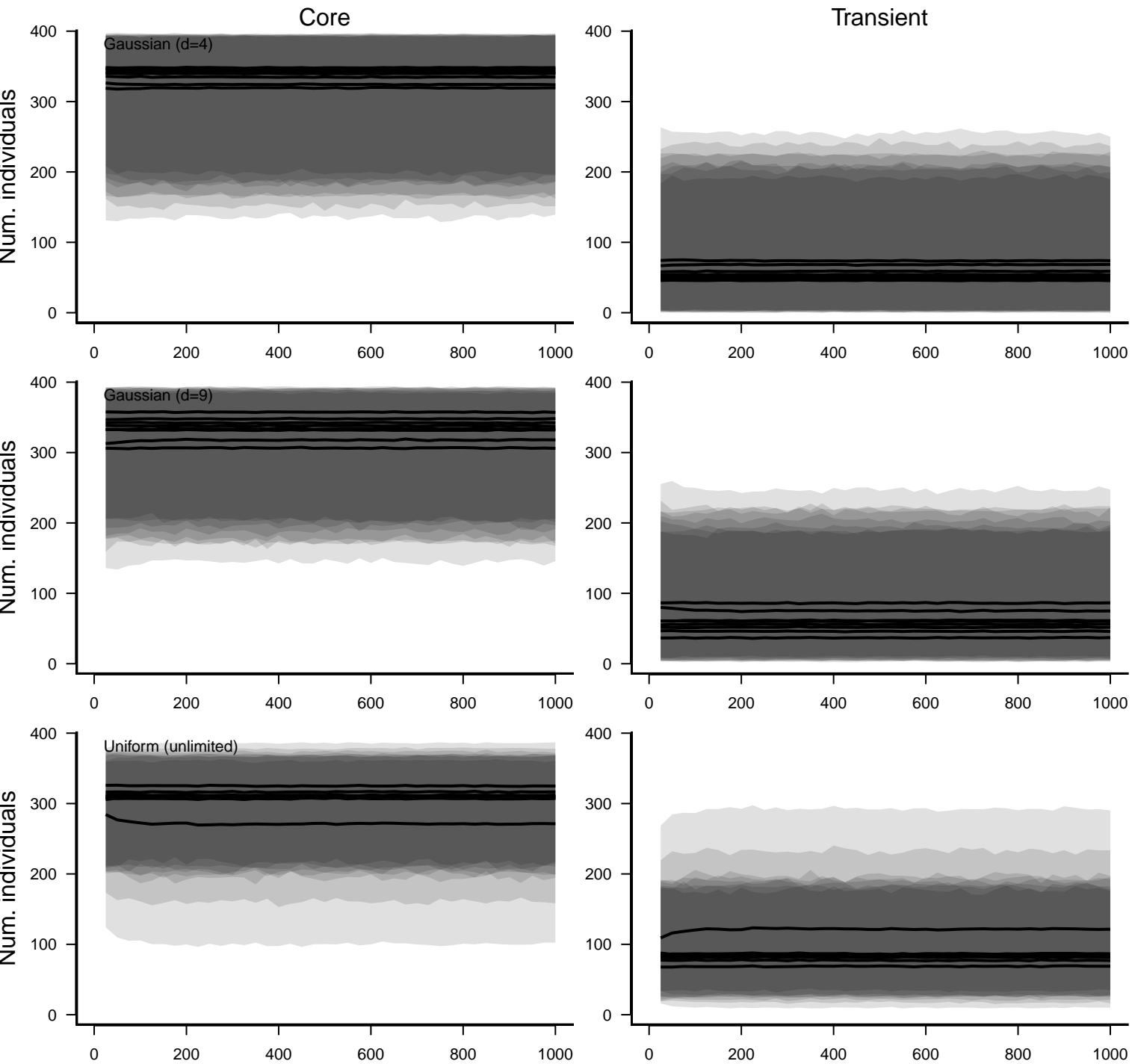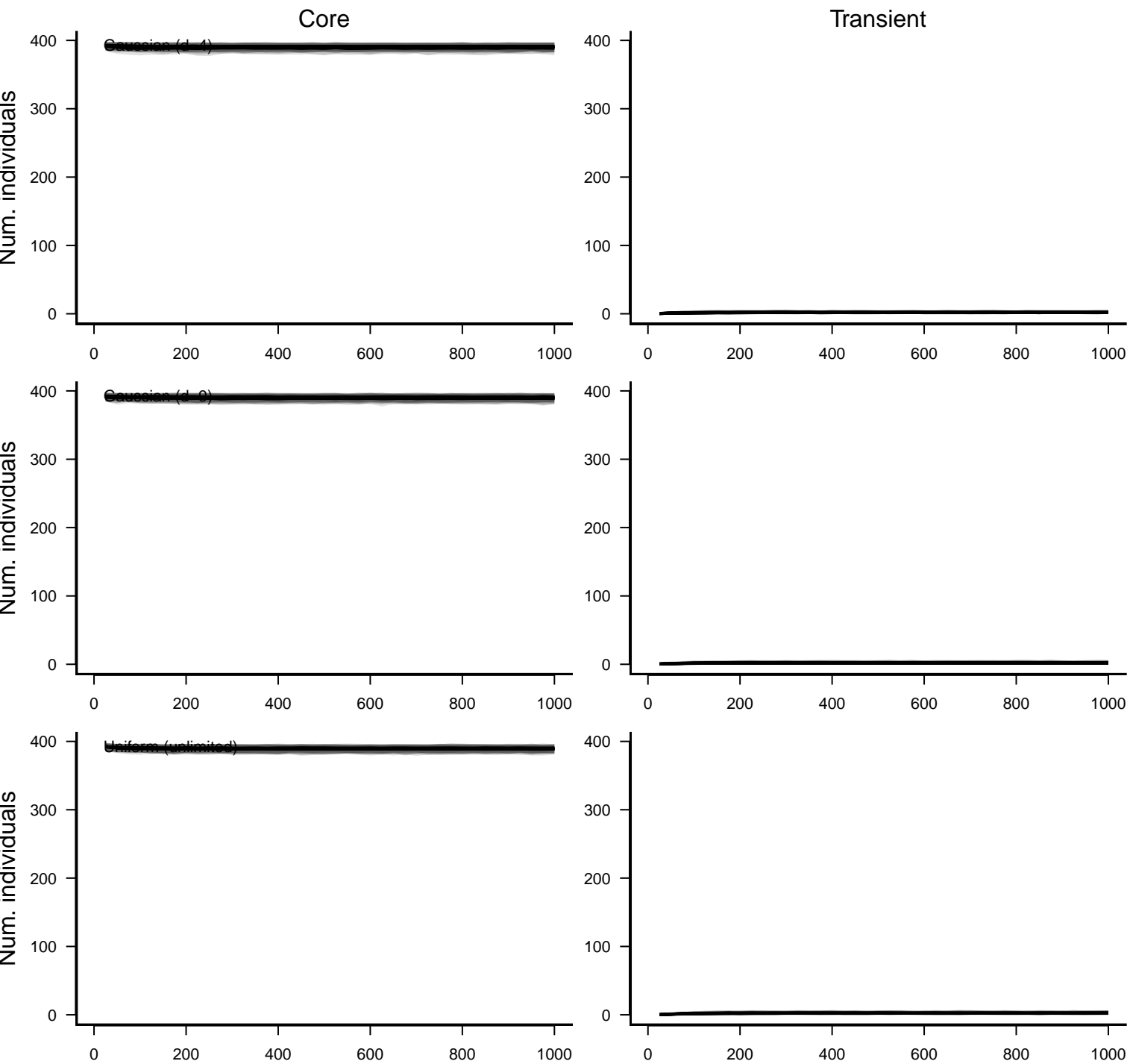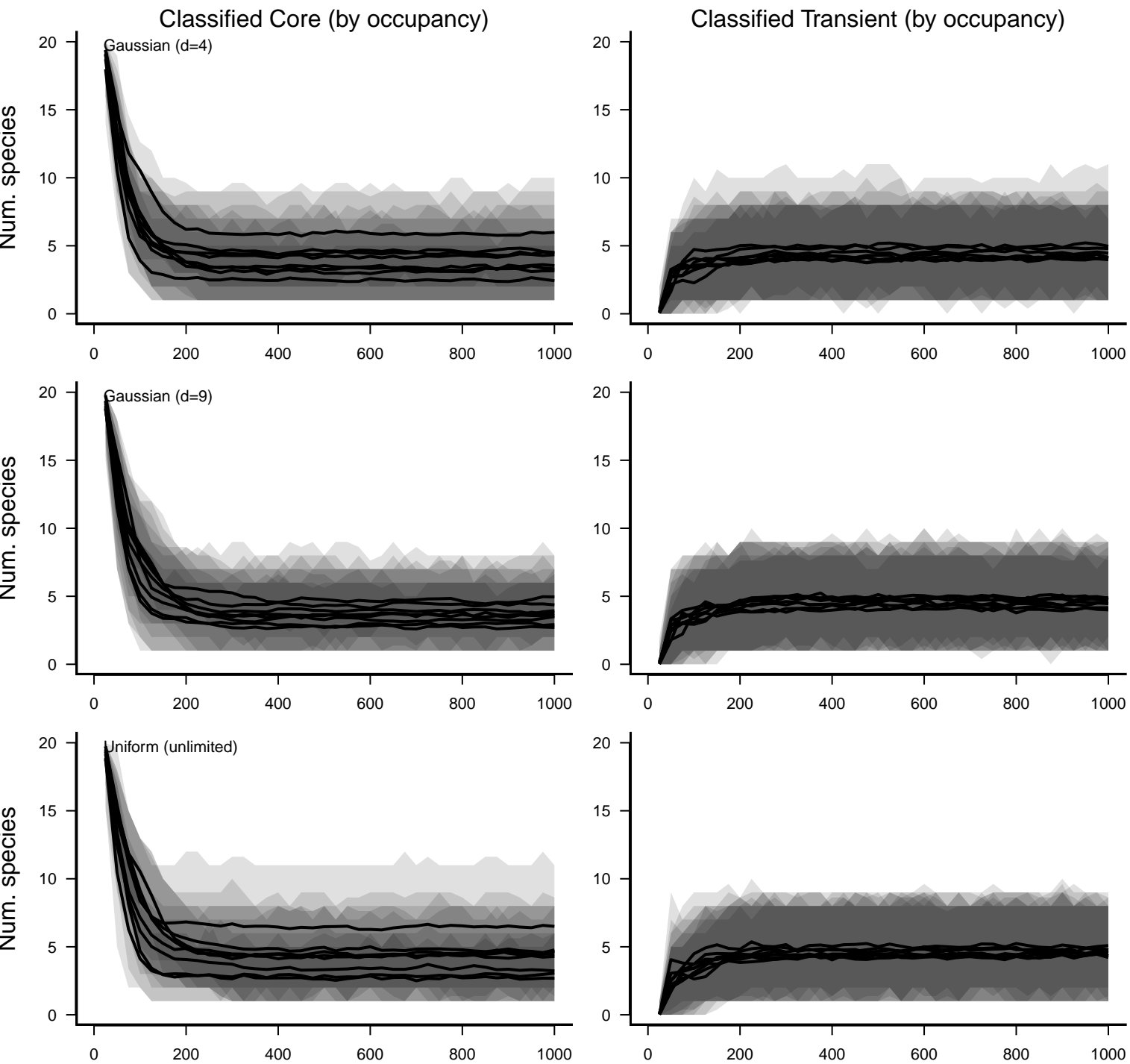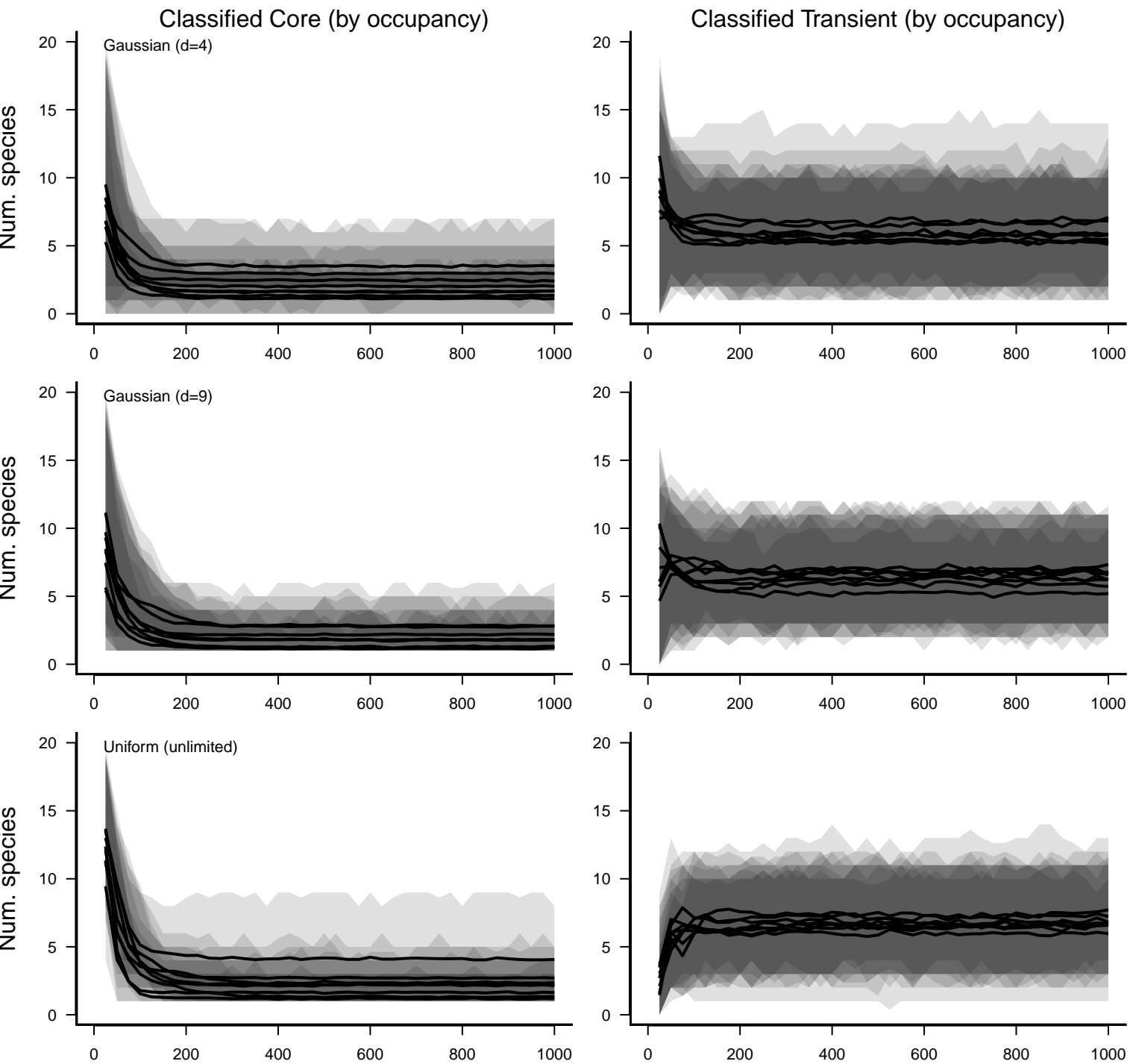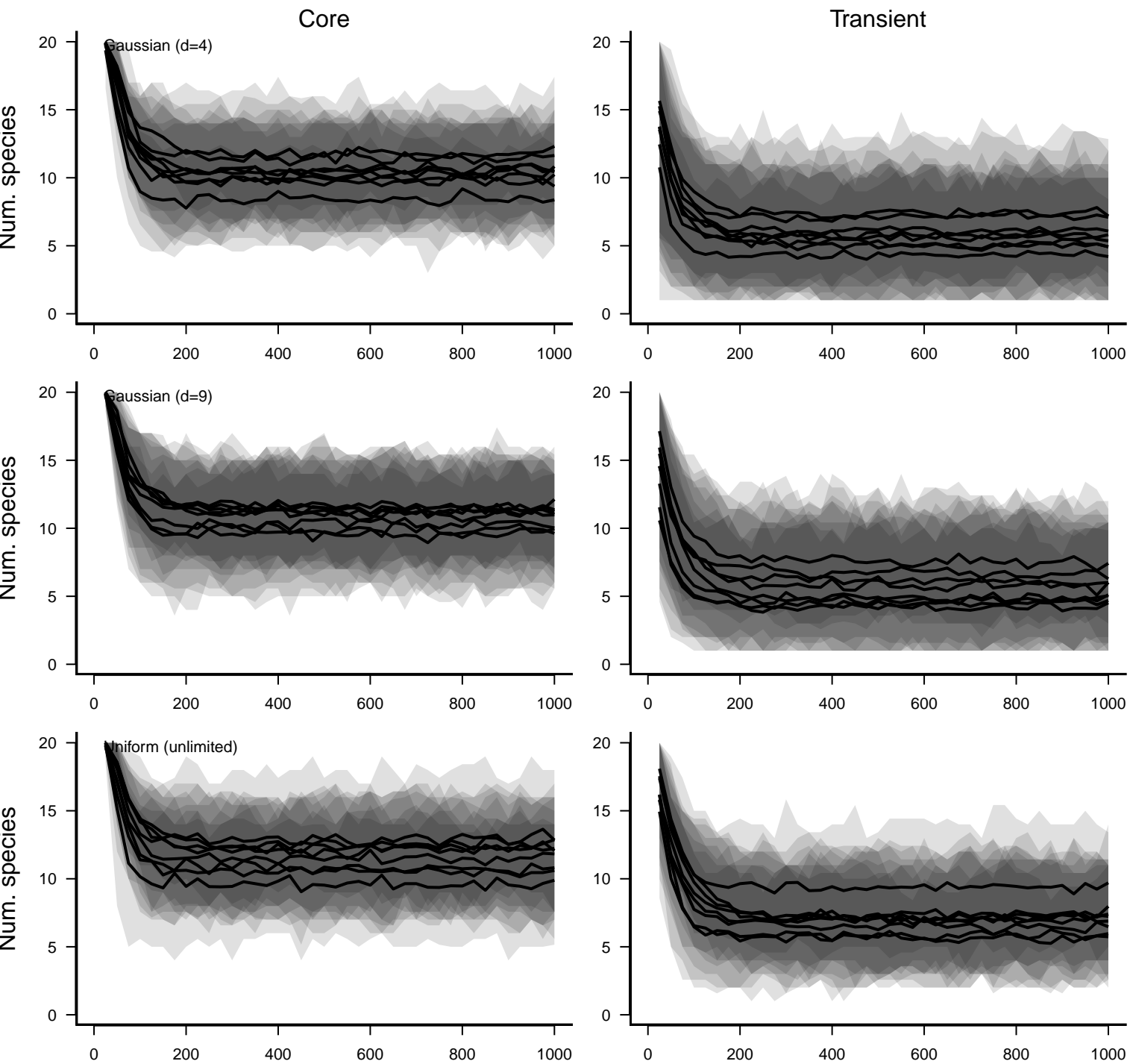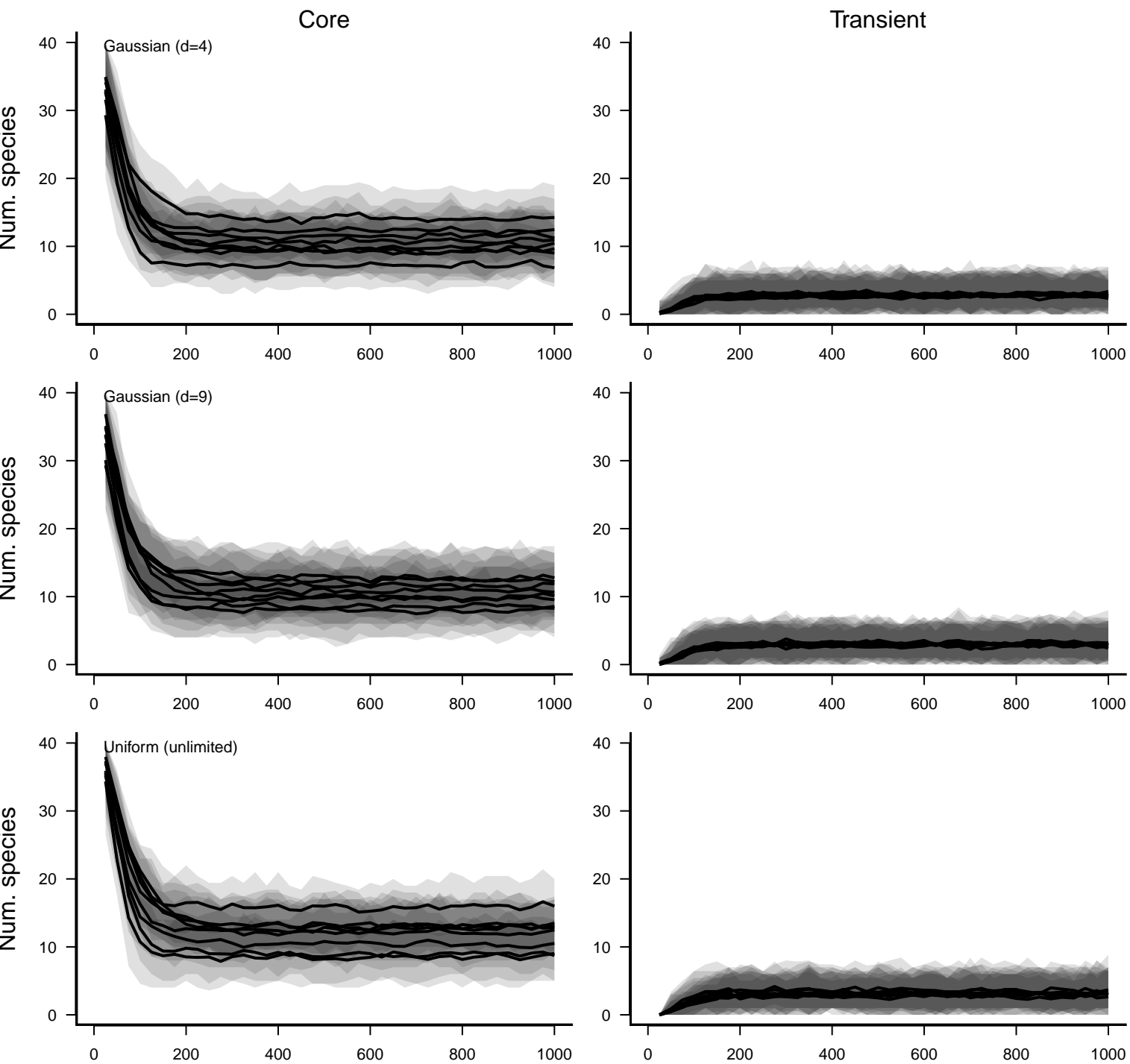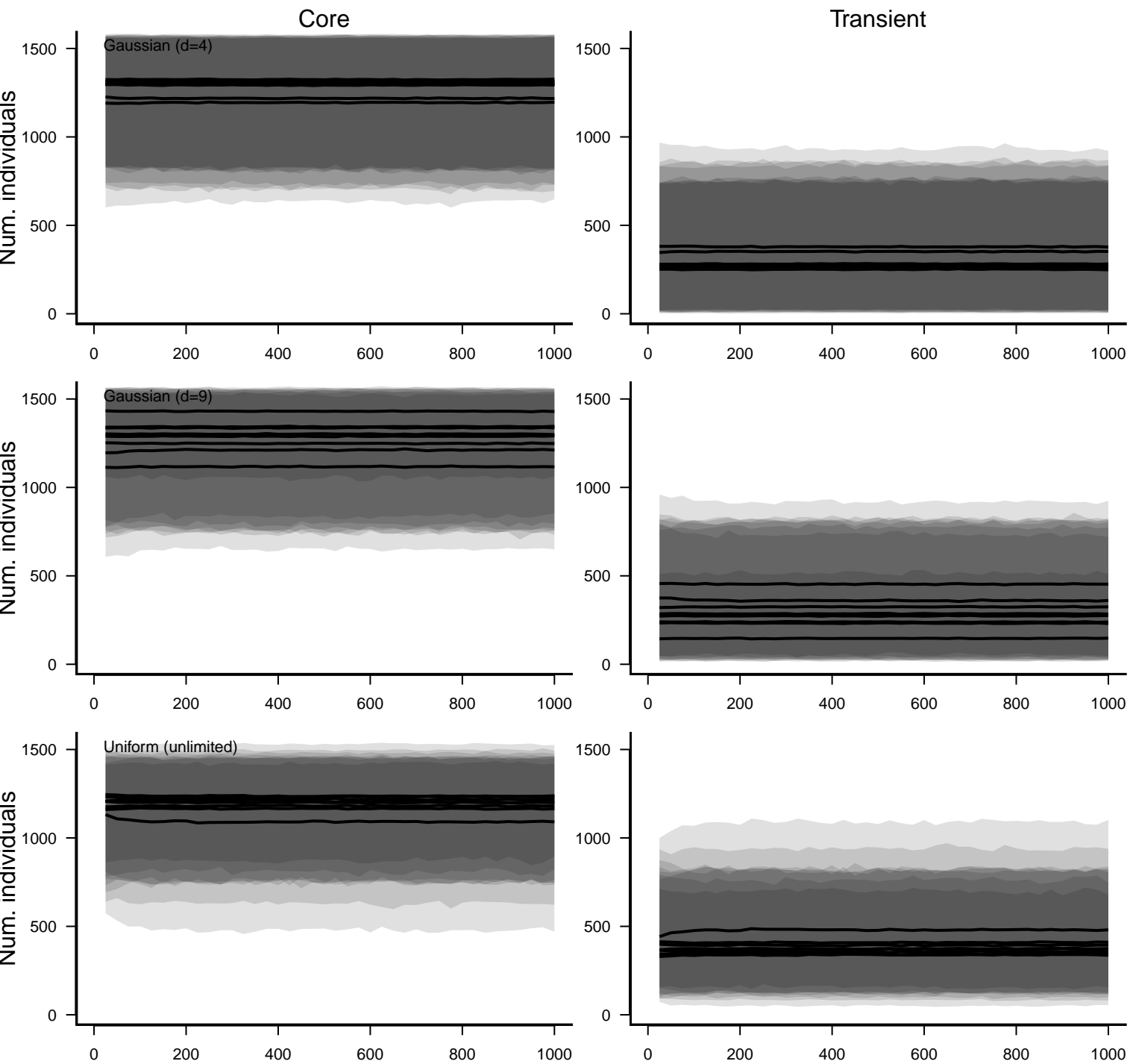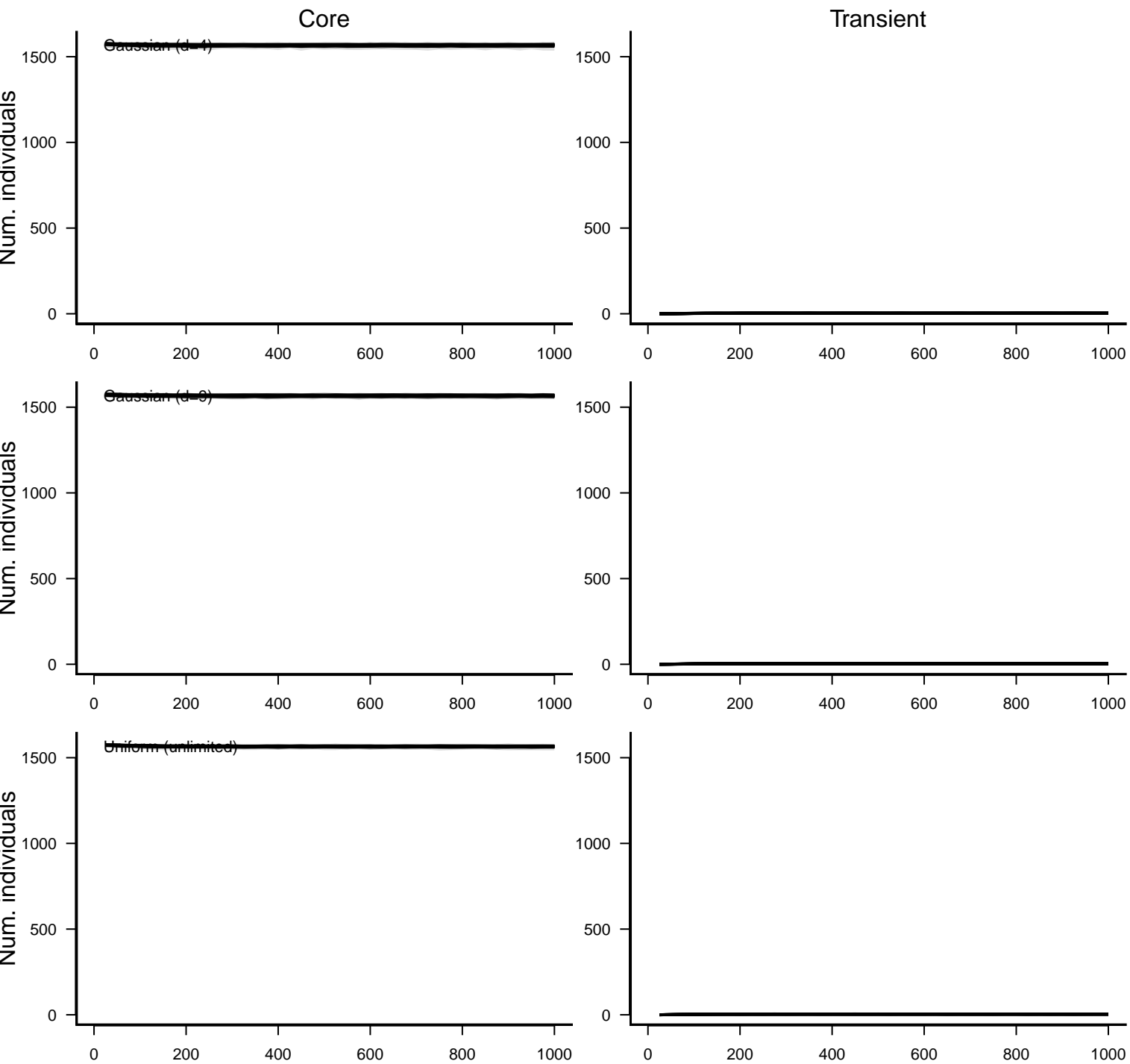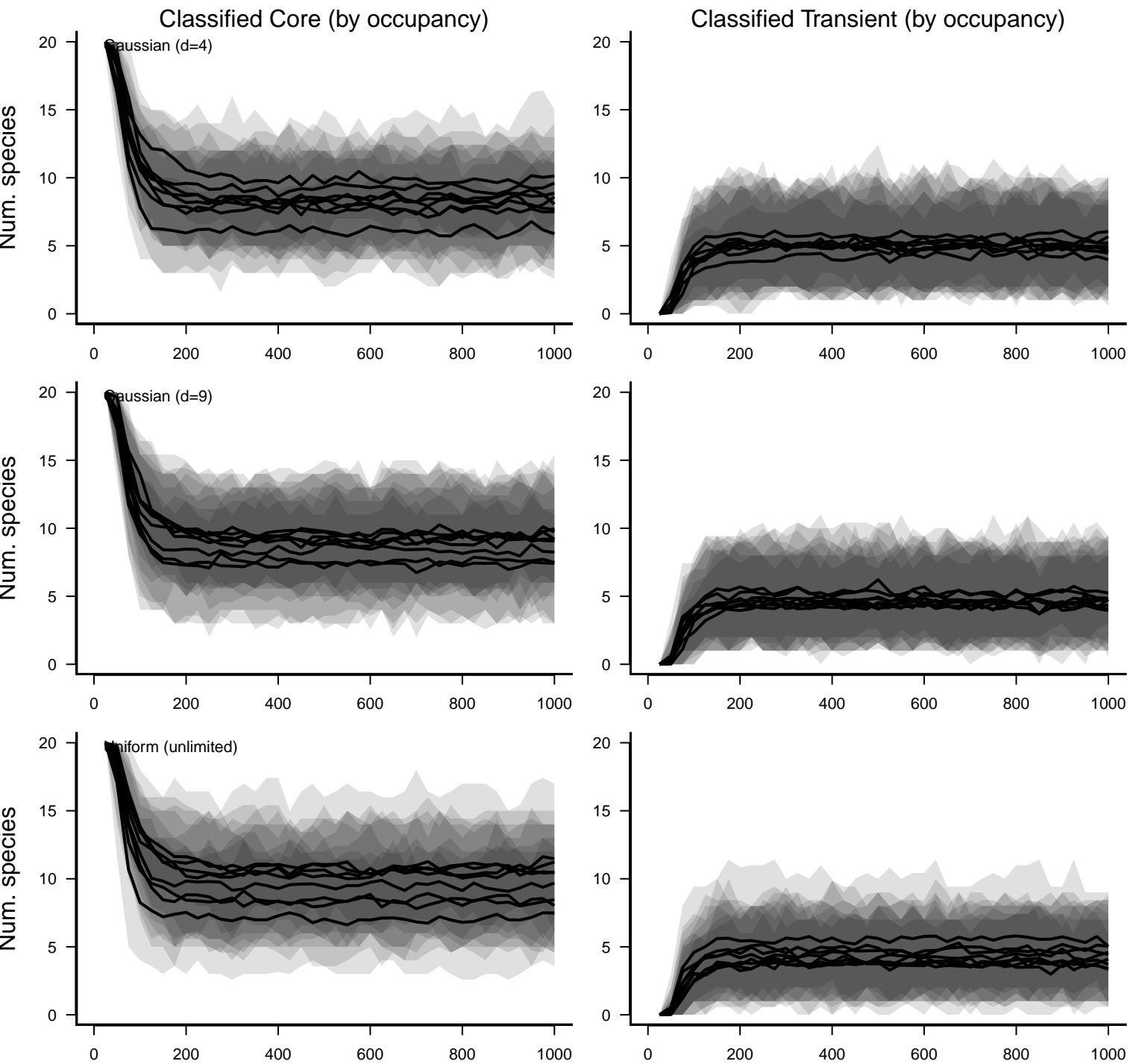
Temporal occupancy−based categories: spatial grain = 8 x 8

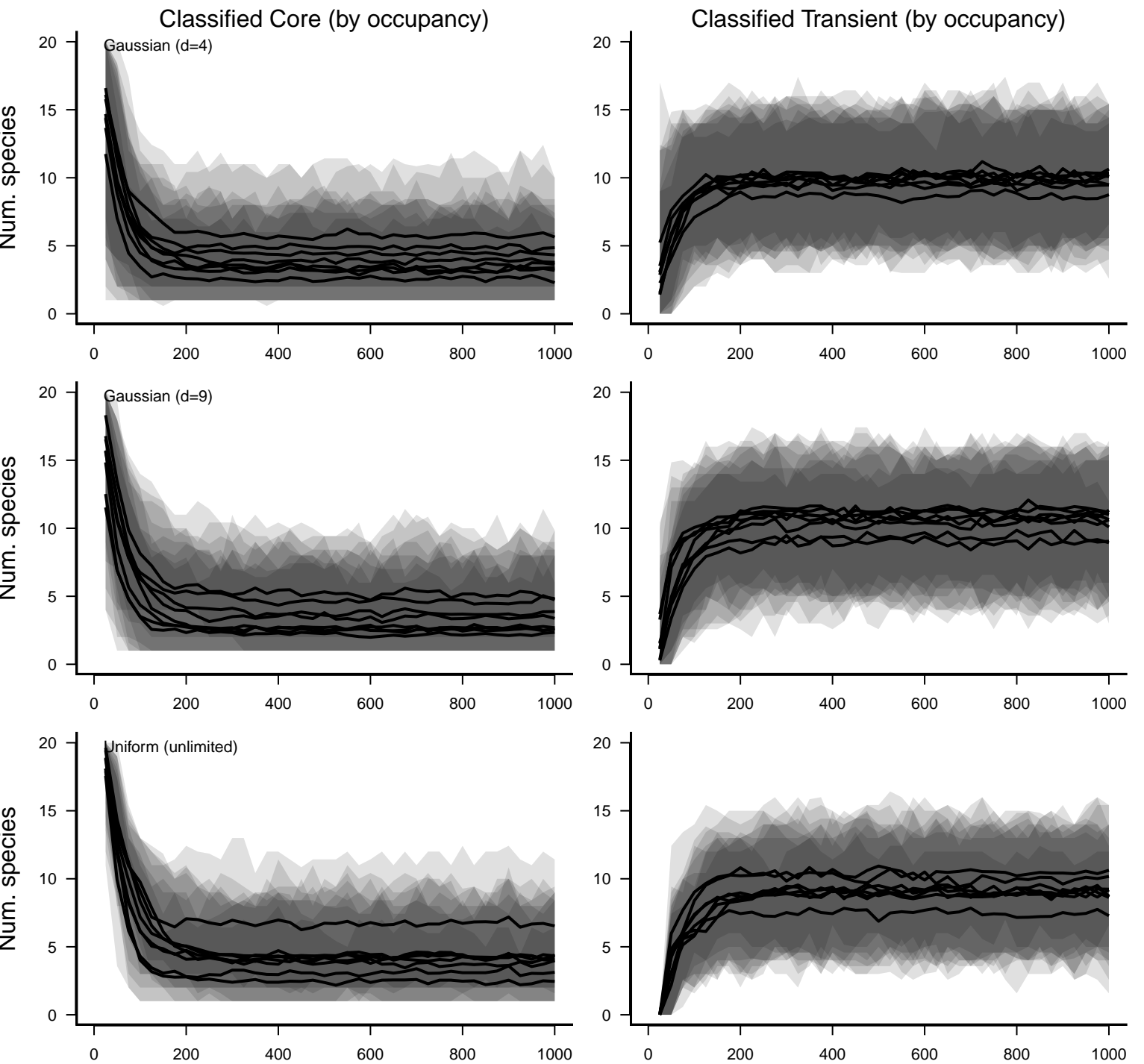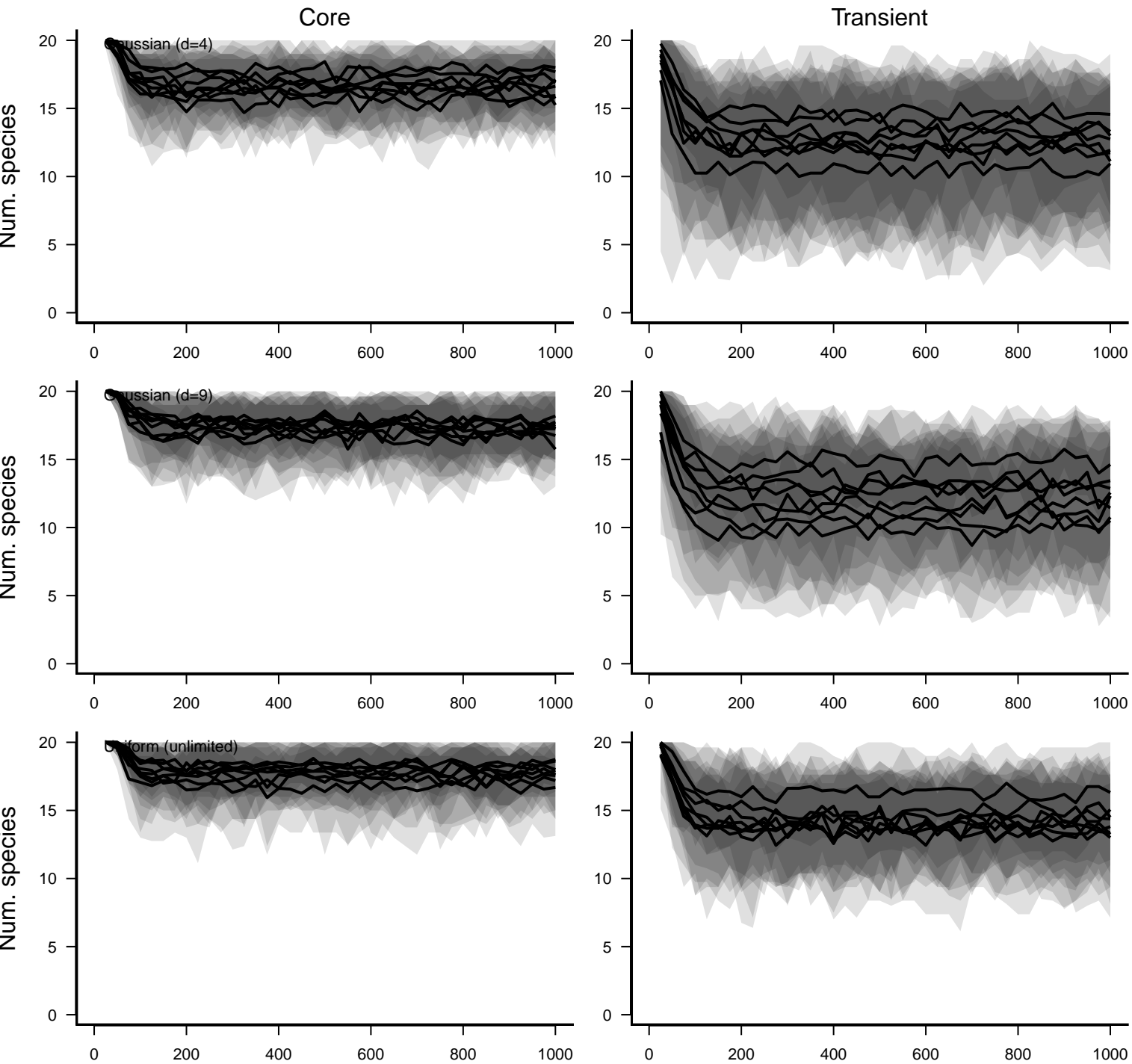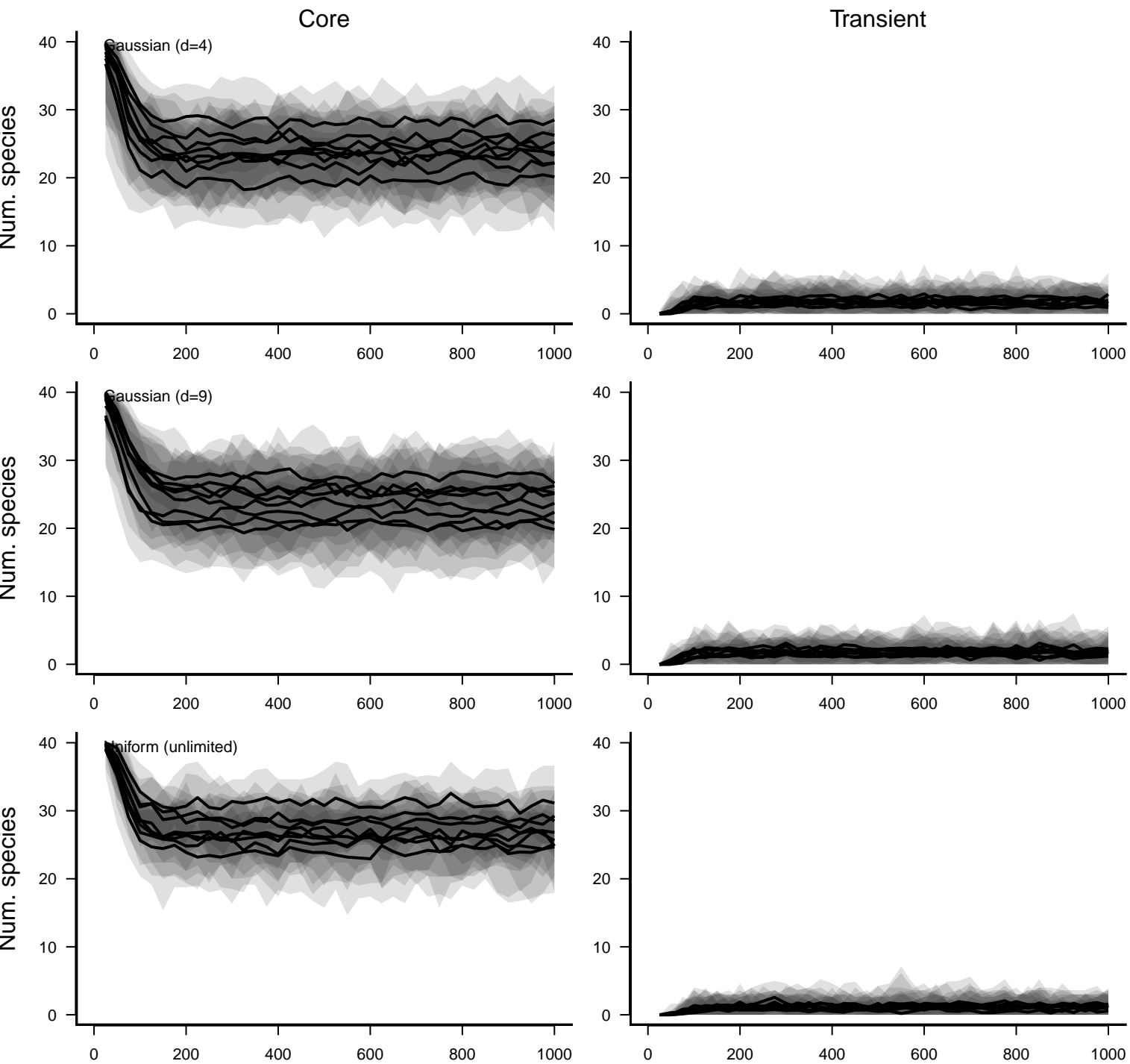# Birth rate−based categories: spatial grain = 8 x 8

Core

Transient

Gaussian (d=4)

Gaussian (d=9)

Uniform (unlimited)

Num. individuals

Temporal occupancy−based categories: spatial grain = 8 x 8

Core

Transient

Gaussian (d=4)

Gaussian (d=3)

Uniform (unlimited)

Num. individuals

Birth rate−based Core Species: spatial grain = 8 x 8

Birth rate−based Transient Species: spatial grain = 8 x 8

Classified Core (by occupancy) and Classified Transient (by occupancy) panels showing Num. species versus time for Gaussian (d=4), Gaussian (d=9), and Uniform (unlimited) scenarios.
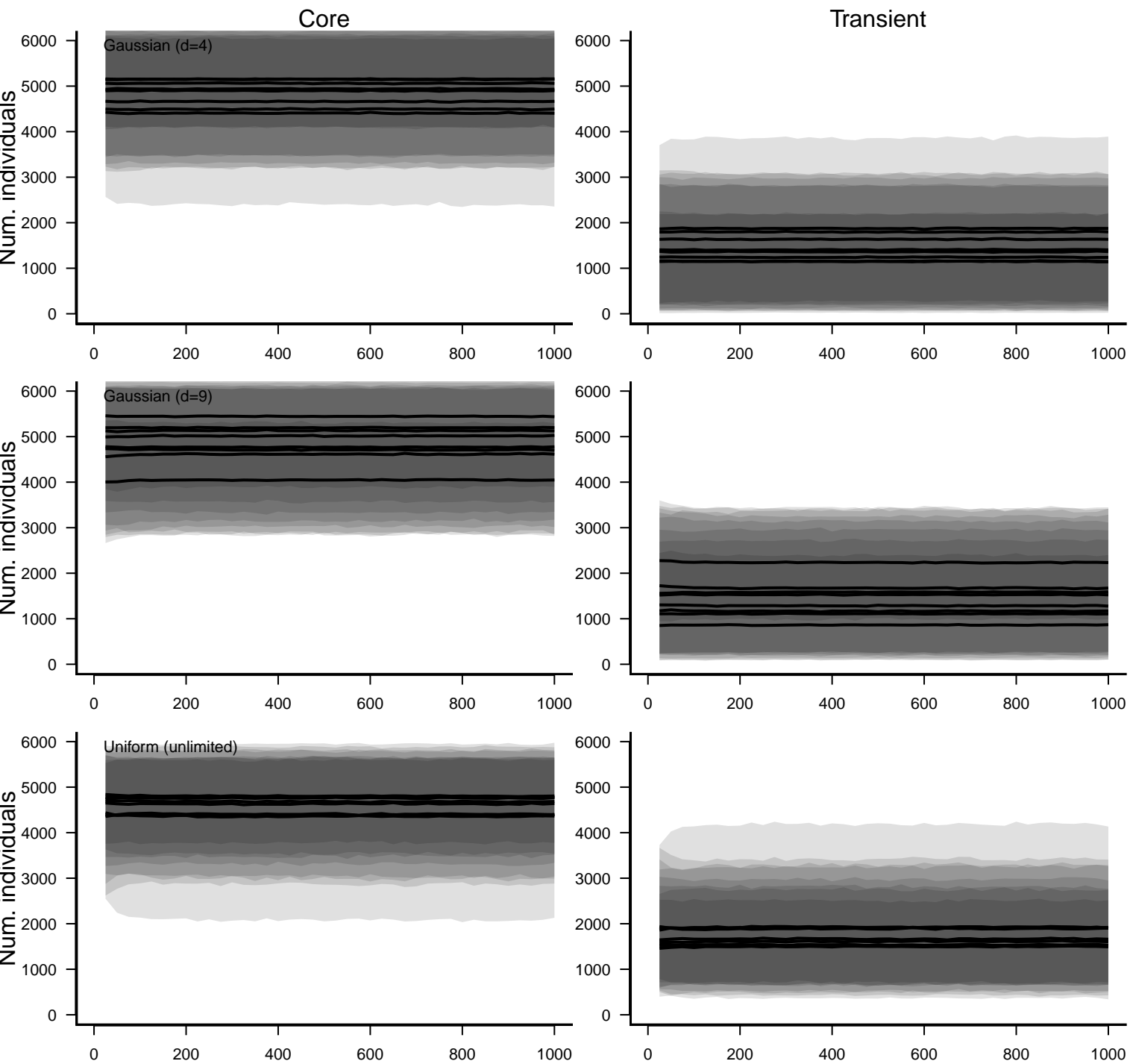
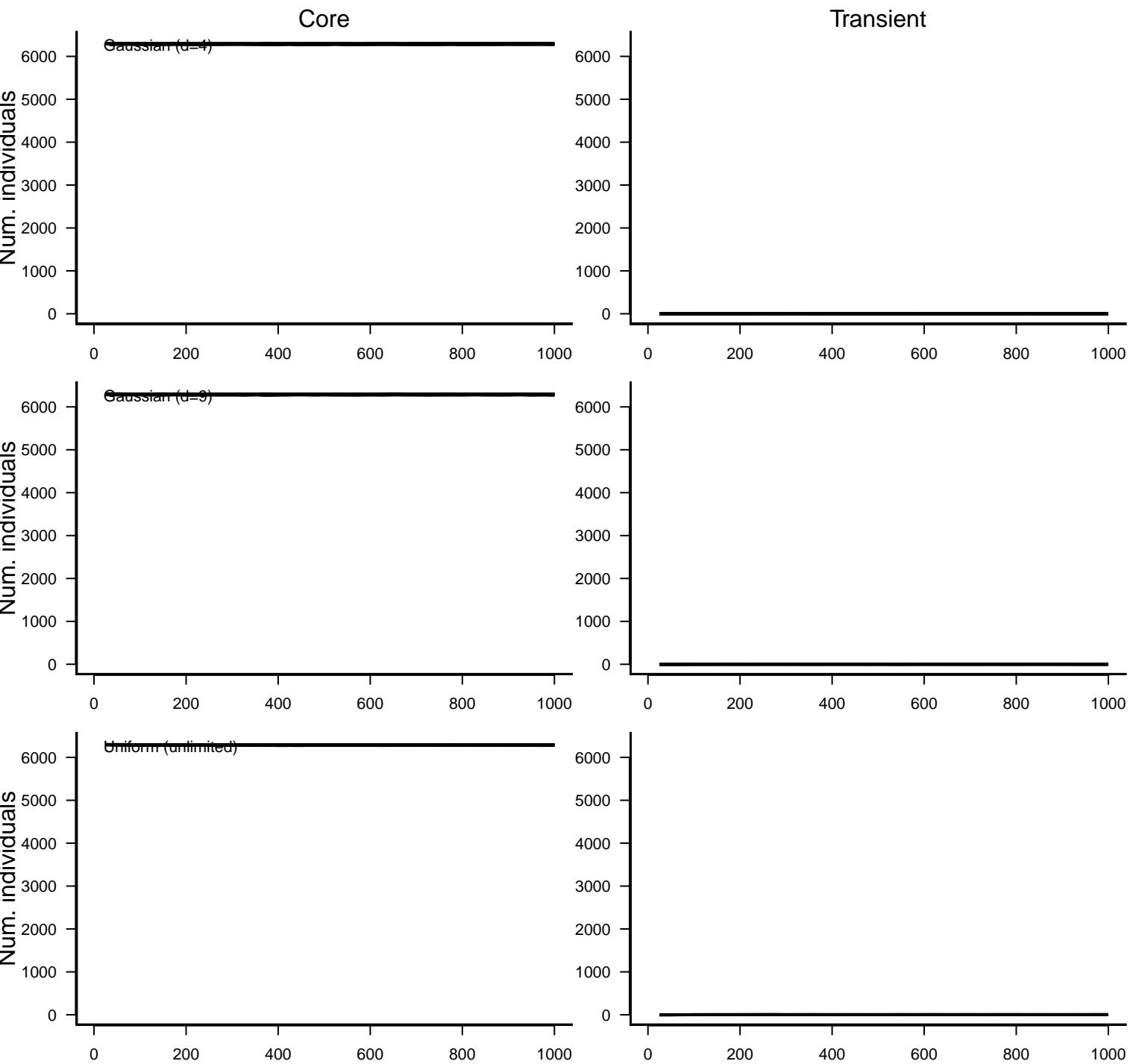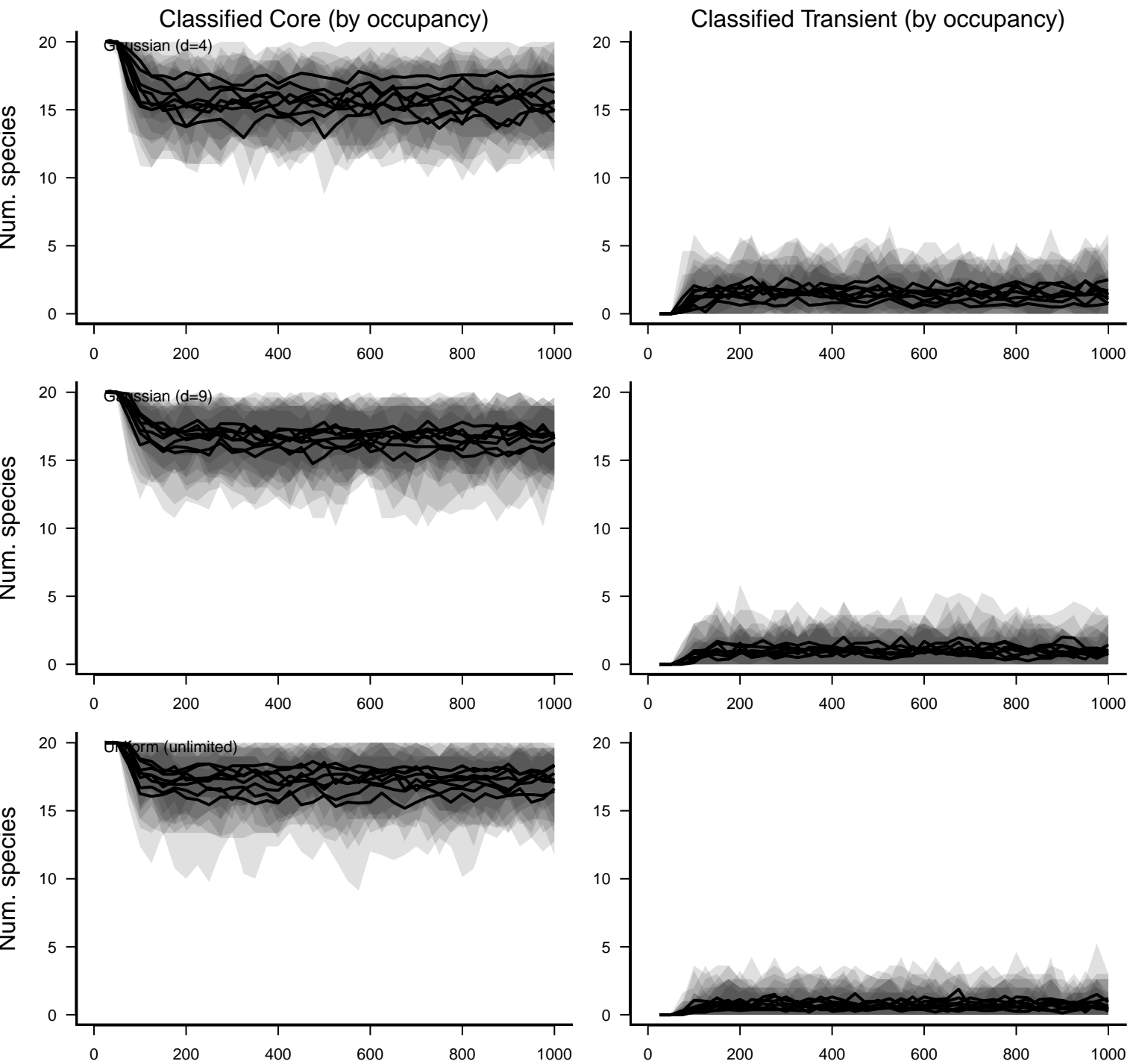Birth rate−based categories: spatial grain = 16 x 16

Temporal occupancy−based categories: spatial grain = 16 x 16
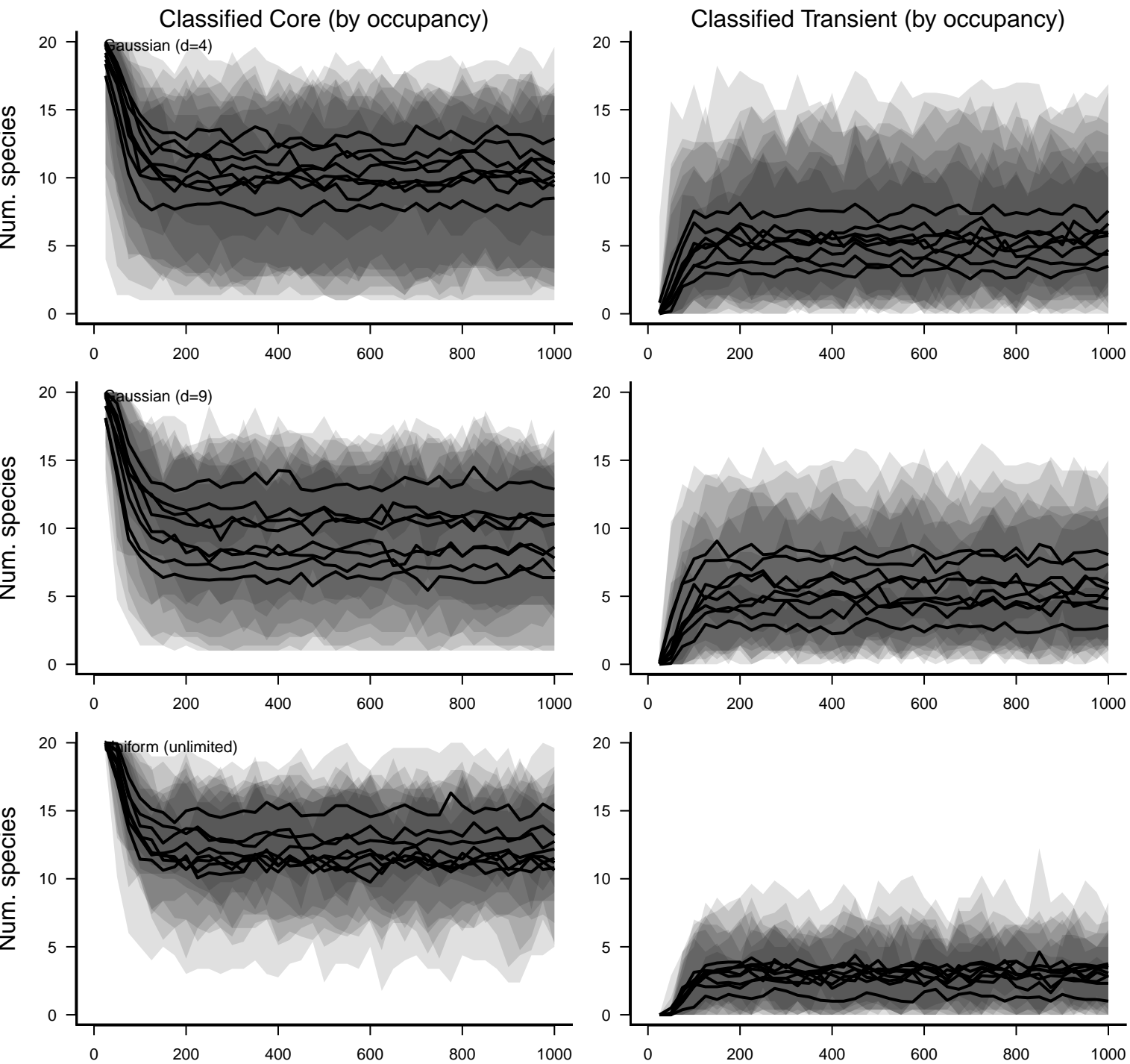
Birth rate−based categories: spatial grain = 16 x 16

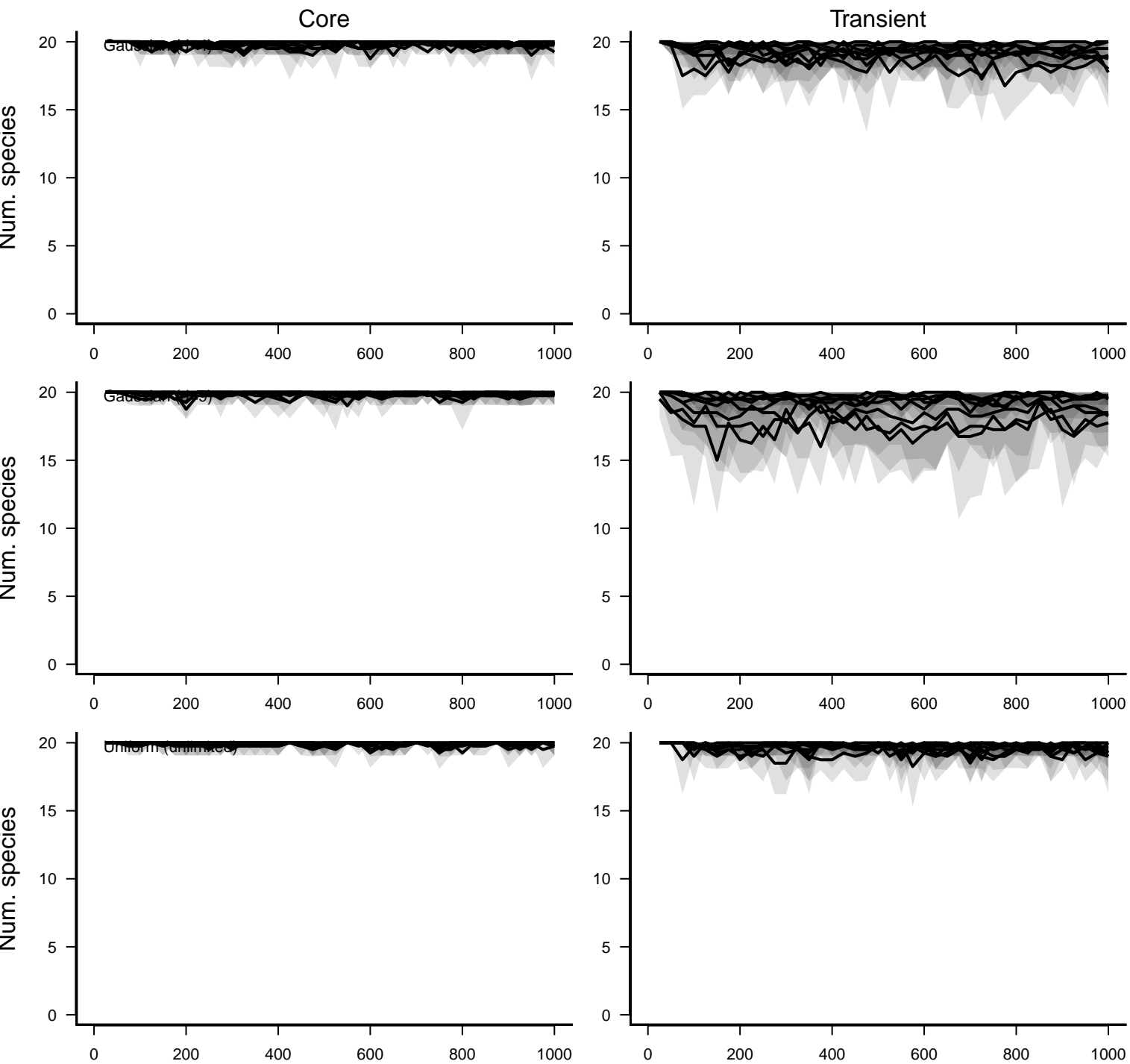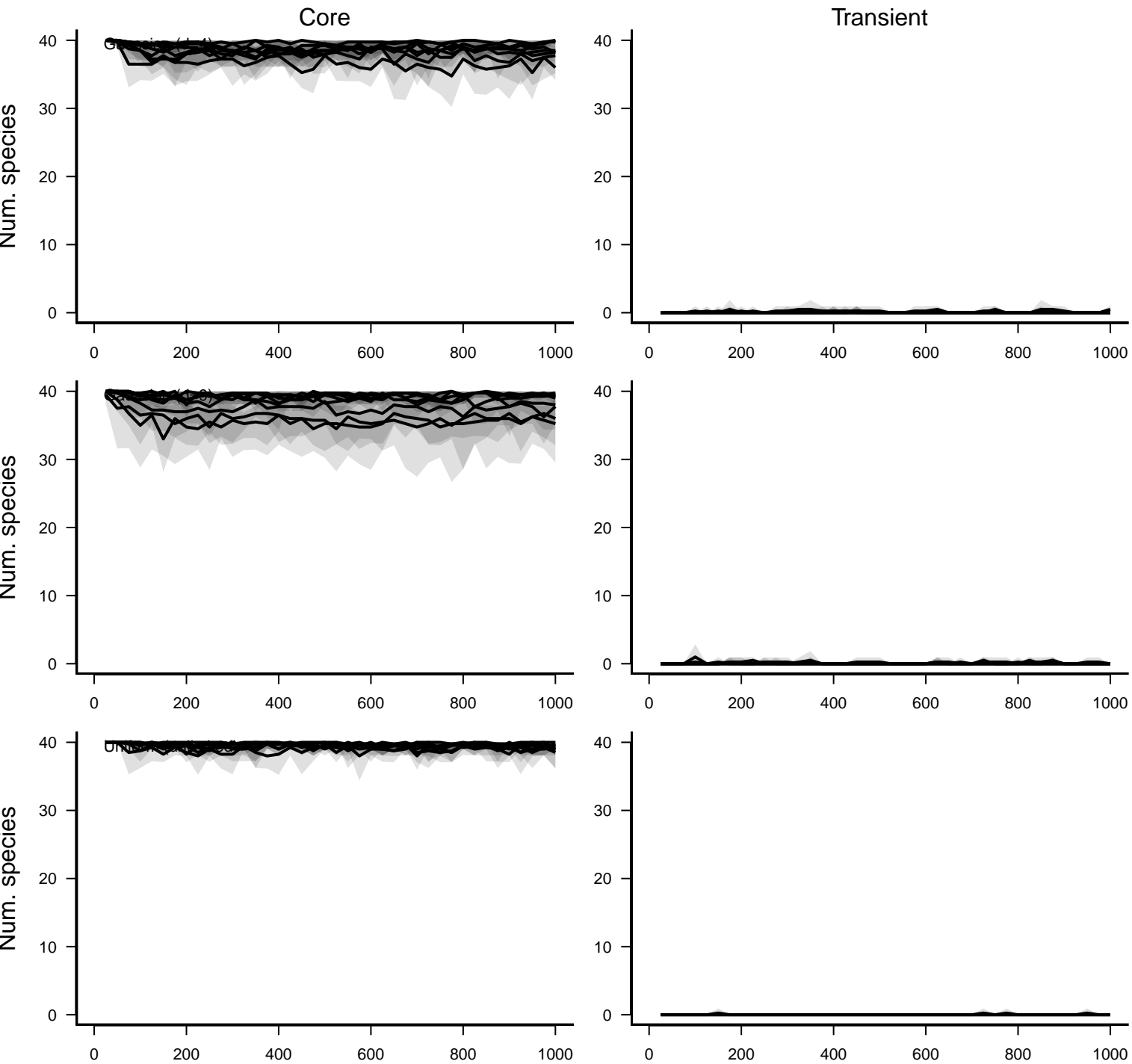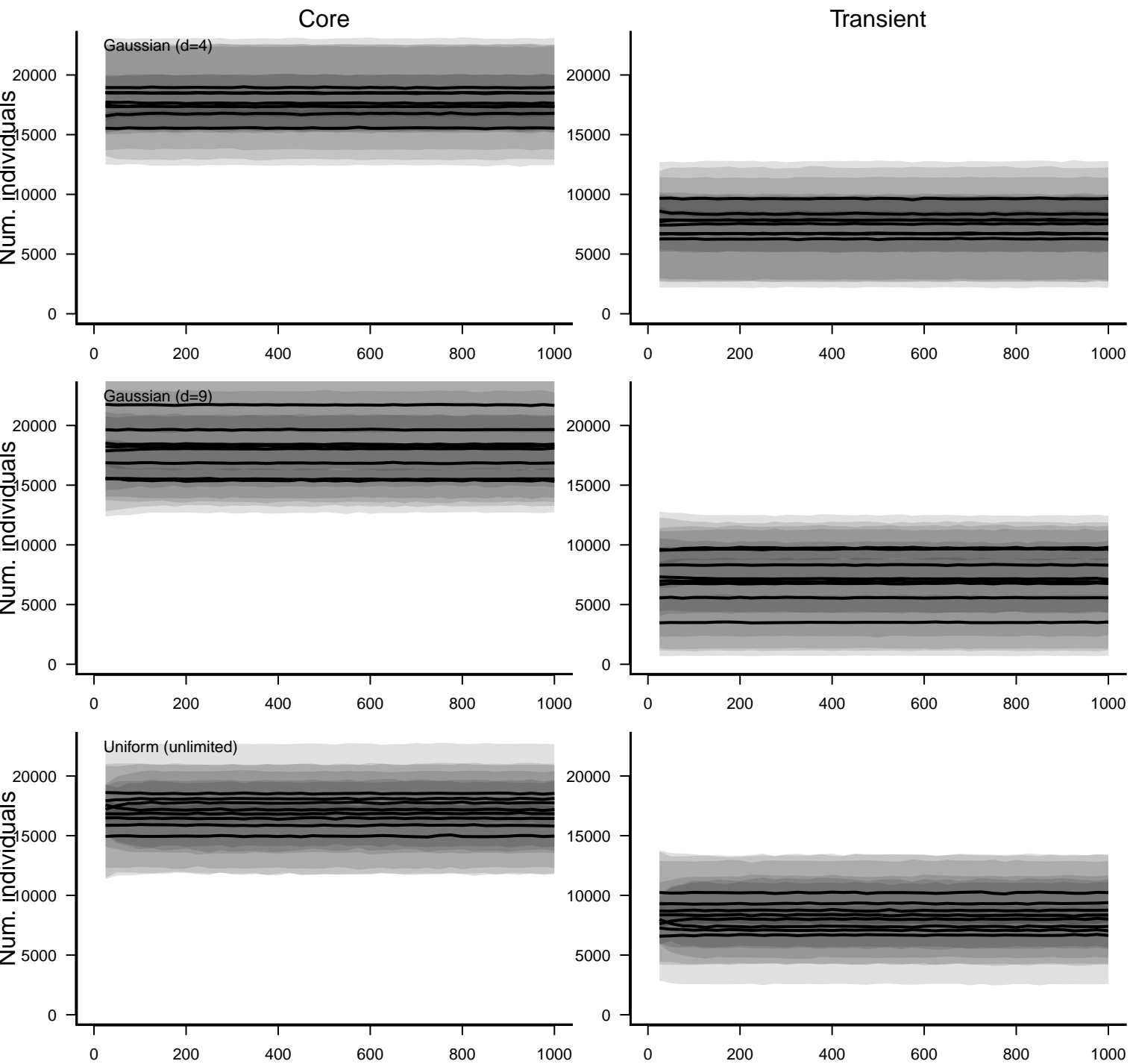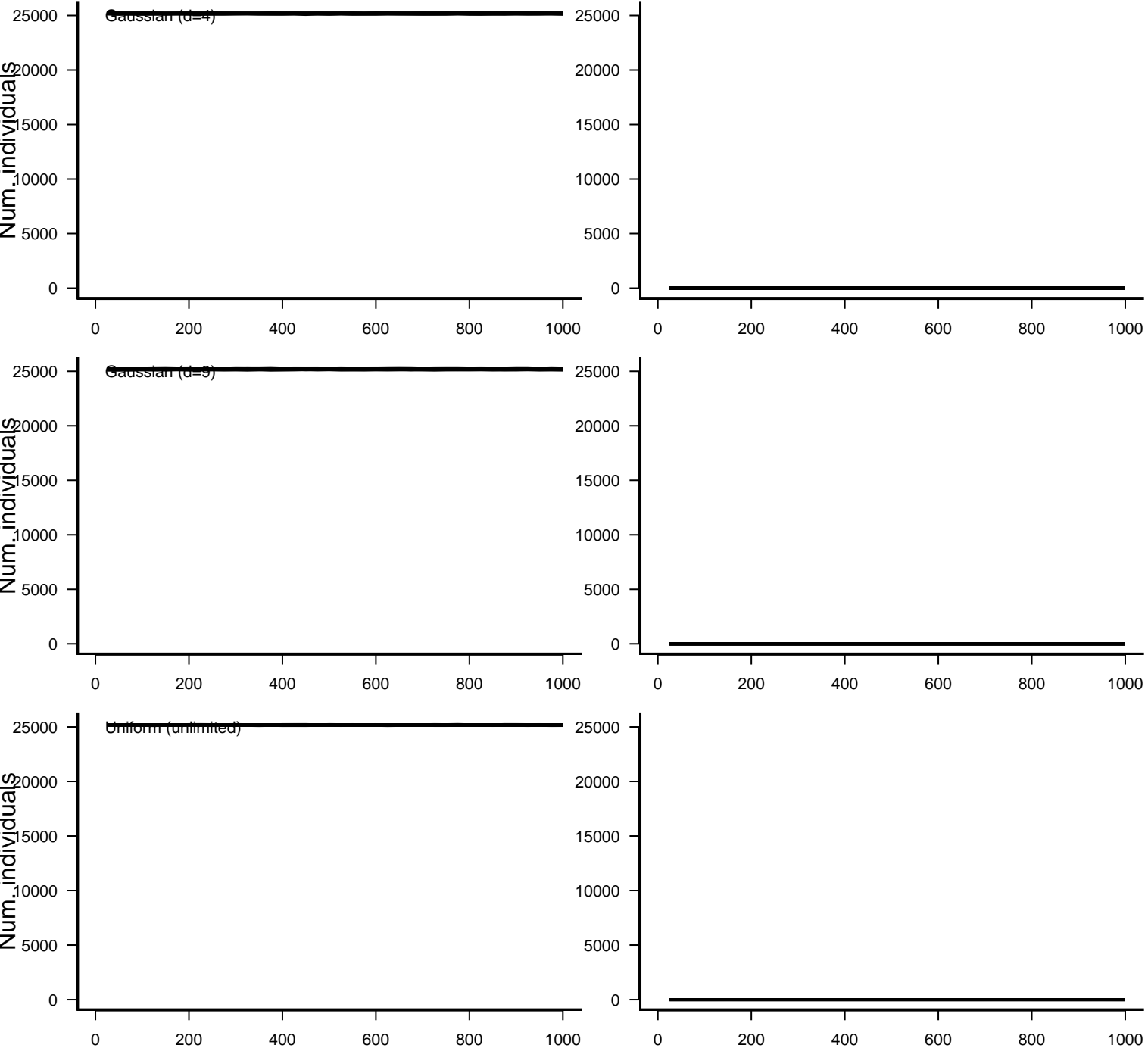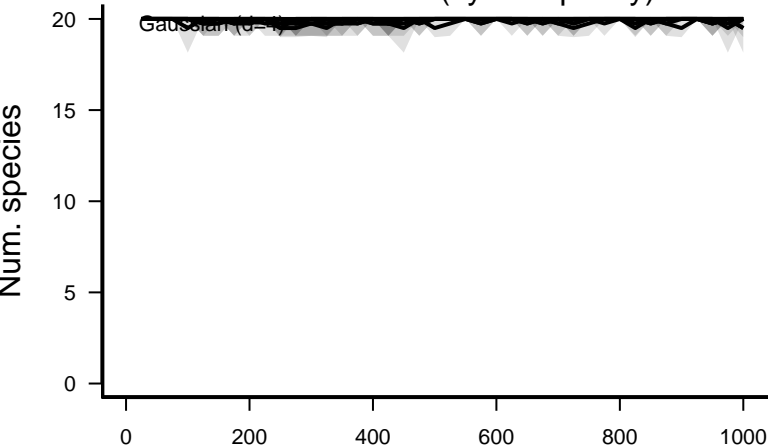# Temporal occupancy−based categories: spatial grain = 16 x 16
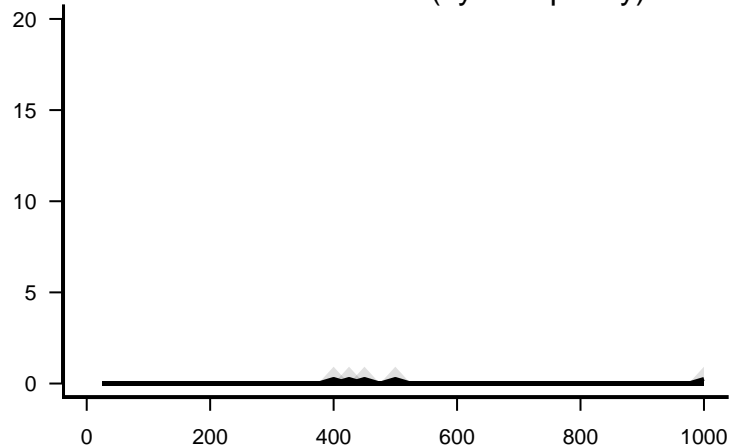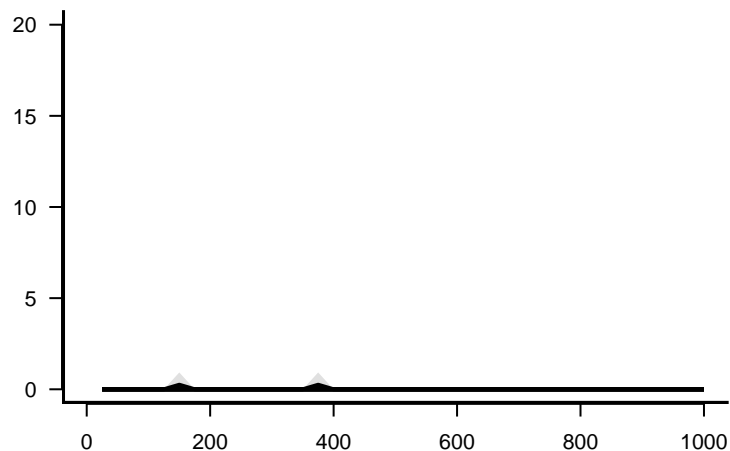

Core   Transient

Gaussian (d=4)

Gaussian (d=9)

Uniform (unlimited)

Num_individuals

Birth rate−based Core Species: spatial grain = 16 x 16

Birth rate−based Transient Species: spatial grain = 16 x 16