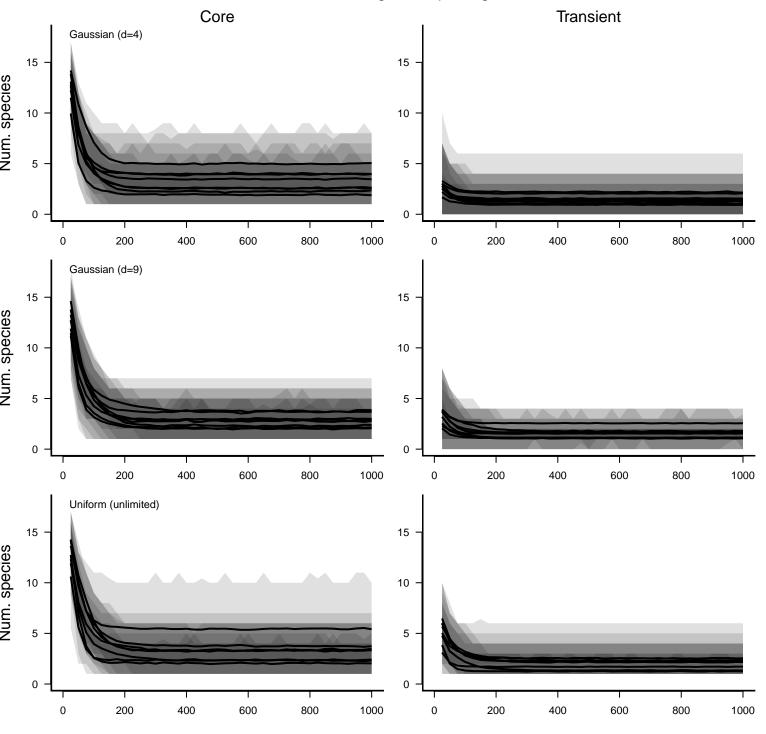
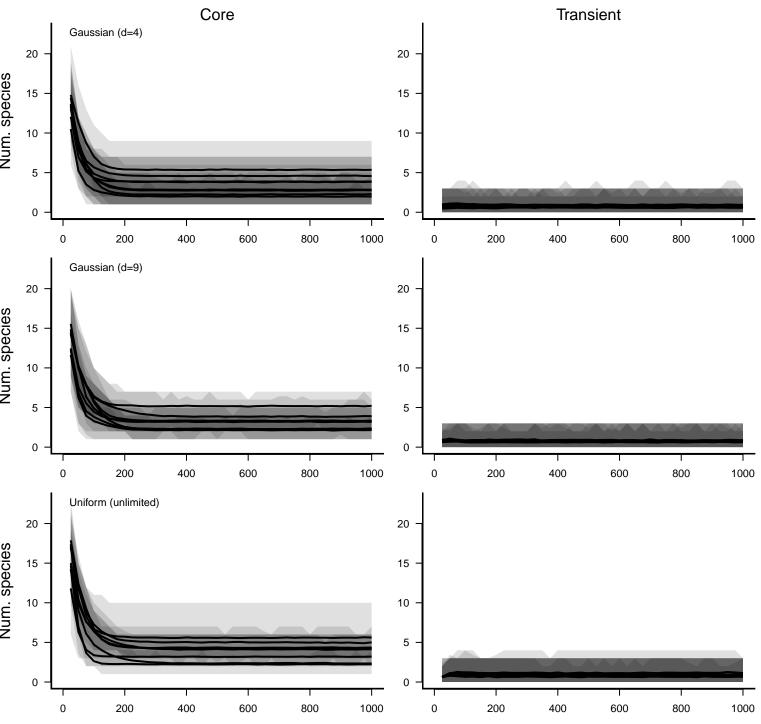
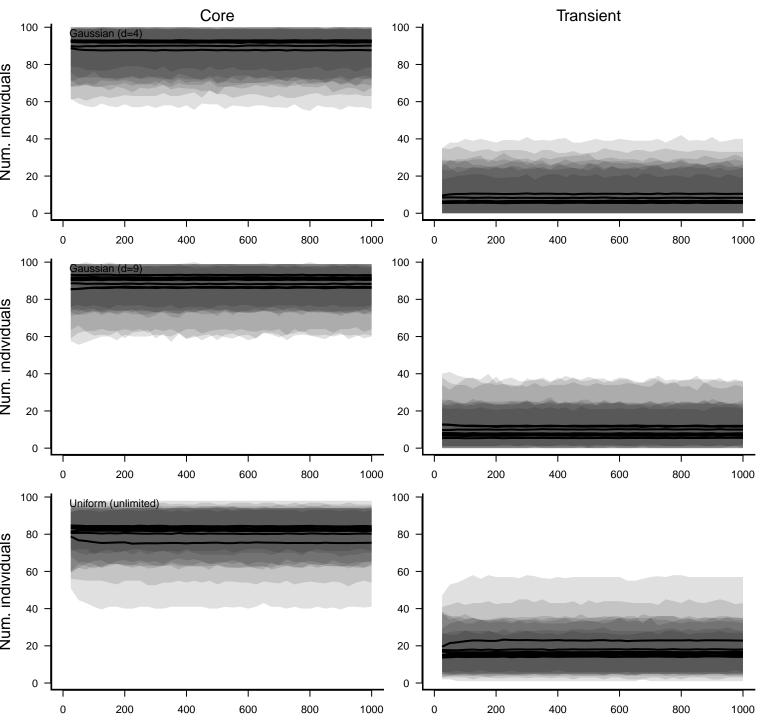
Birth rate-based categories: spatial grain = 1 x 1



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

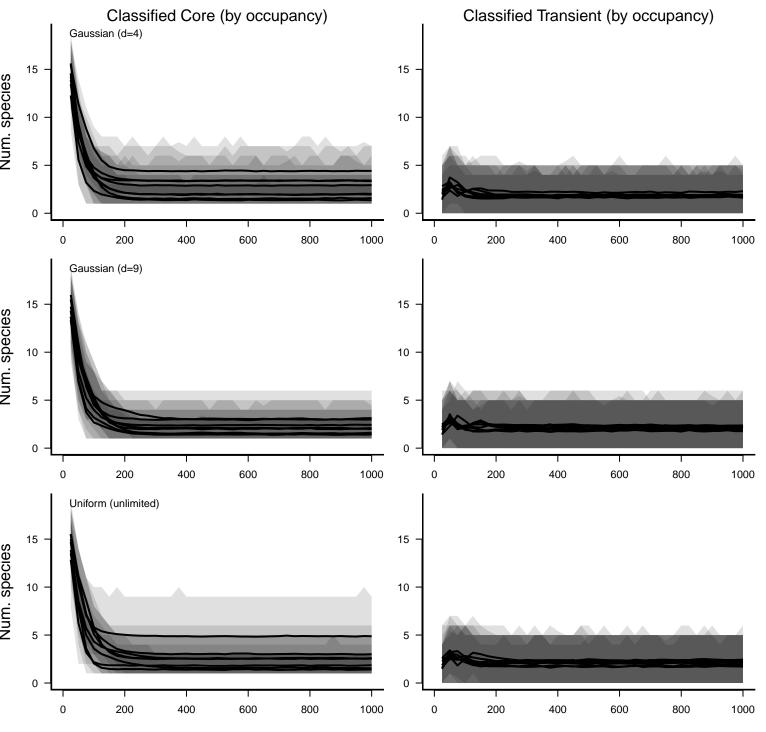


Birth rate-based categories: spatial grain = 1 x 1

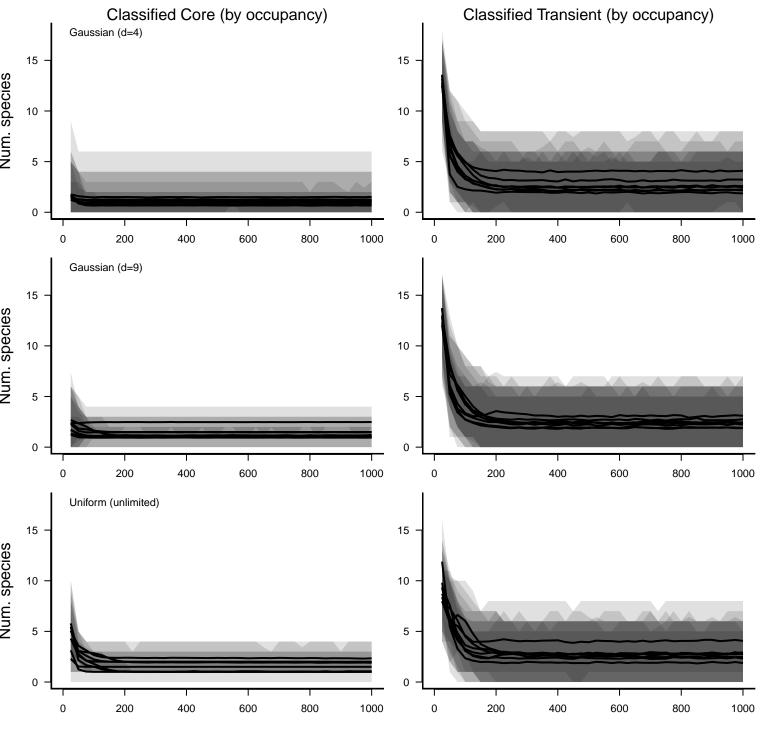


Temporal occupancy-based categories: spatial grain = 1 x 1 Core Transient 100 -Num. individuals 100 -Num. Individuals 100 -Num. individuals 

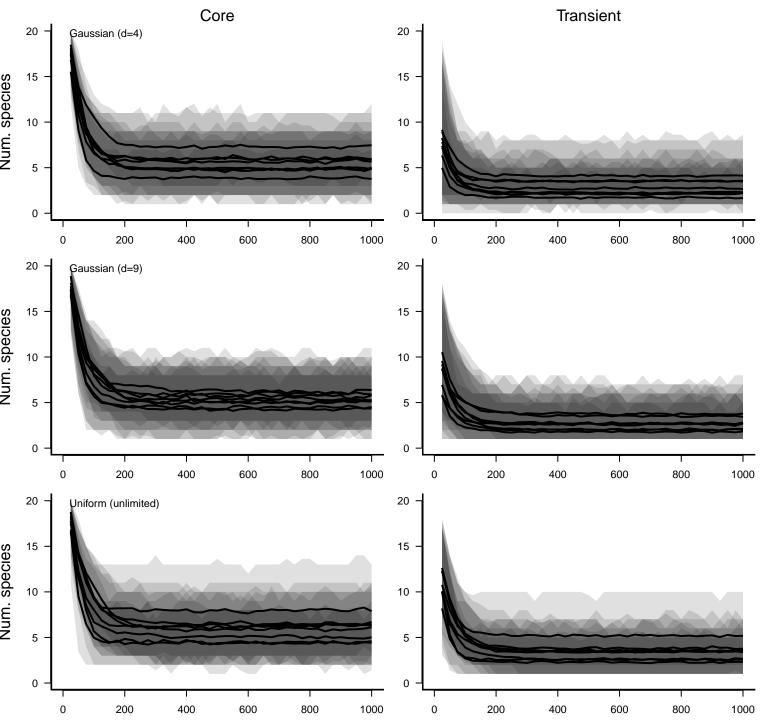
Birth rate-based Core Species: spatial grain = 1 x 1



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



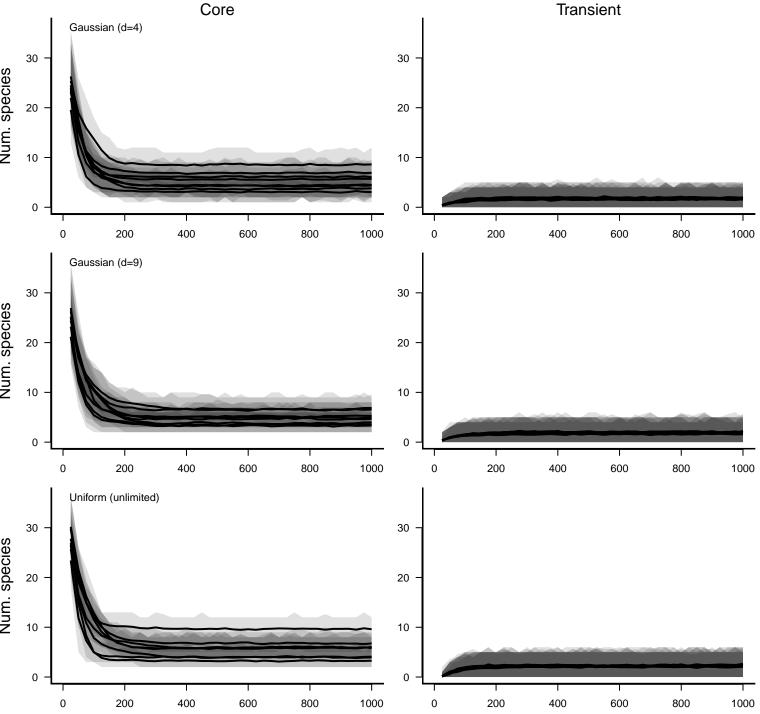
Birth rate-based categories: spatial grain = 2 x 2



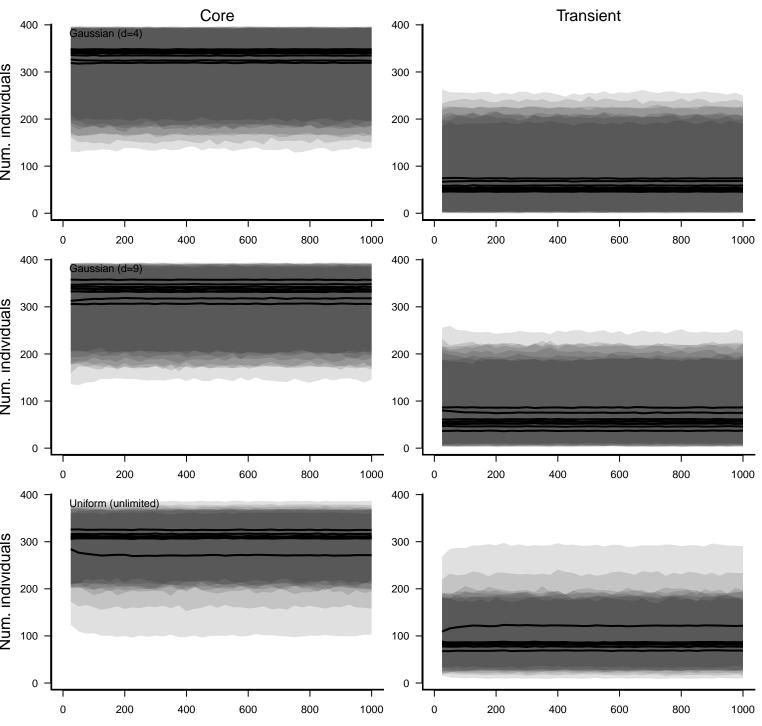
Temporal occupancy–based categories: spatial grain = 2 x 2

Core

Transient

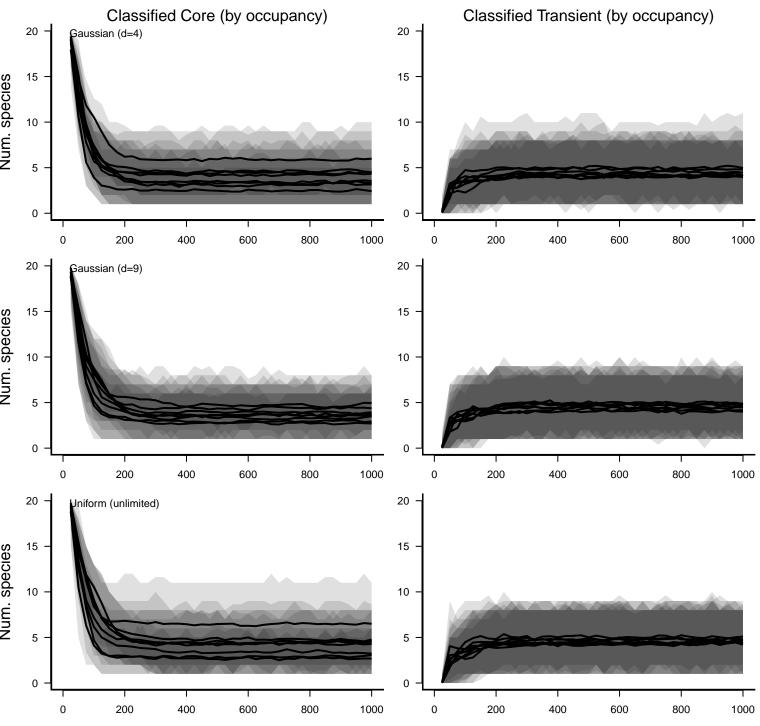


Birth rate-based categories: spatial grain = 2 x 2

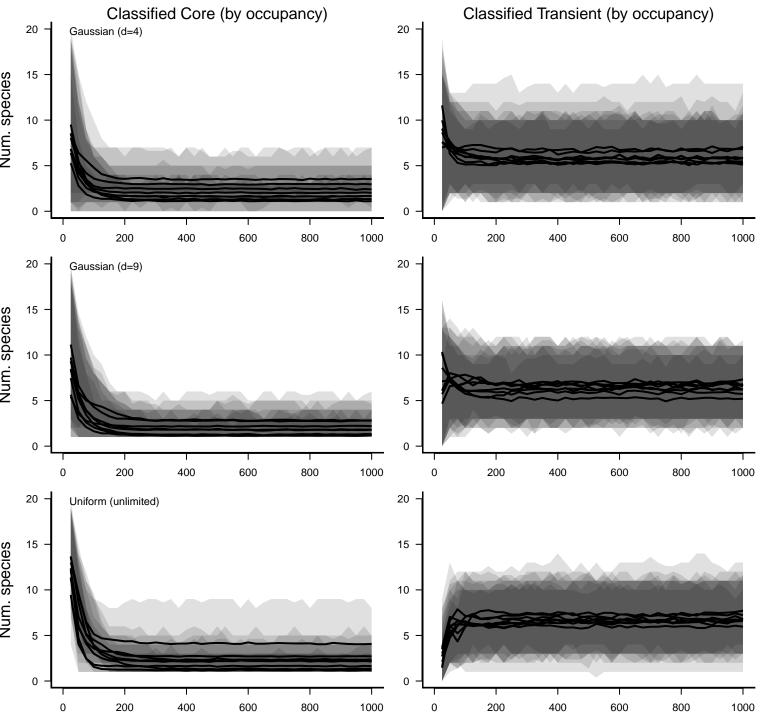


Temporal occupancy-based categories: spatial grain = 2 x 2 Core Transient 400 -Num. Individuals 400 -Num. individuals 400 -Num. individuals 

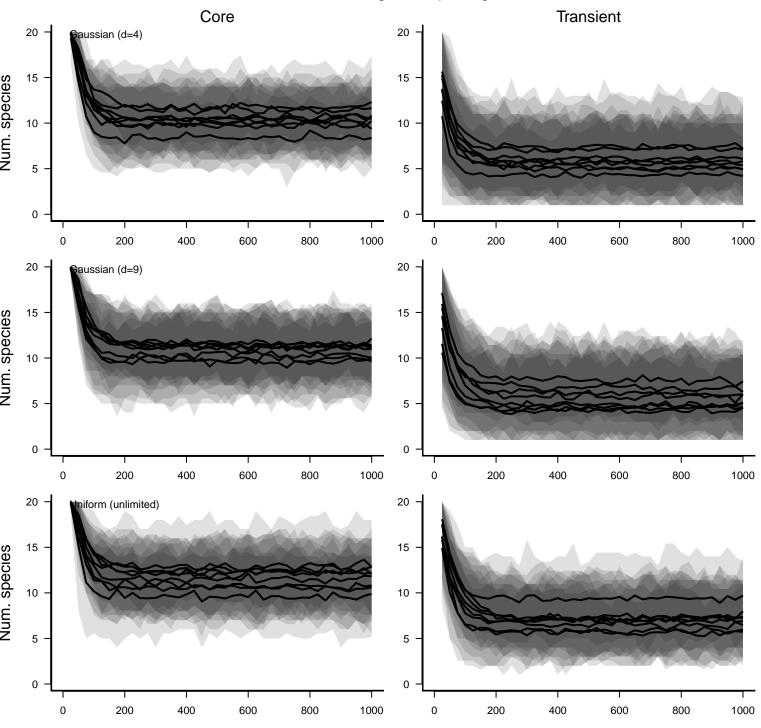
Birth rate-based Core Species: spatial grain = 2 x 2



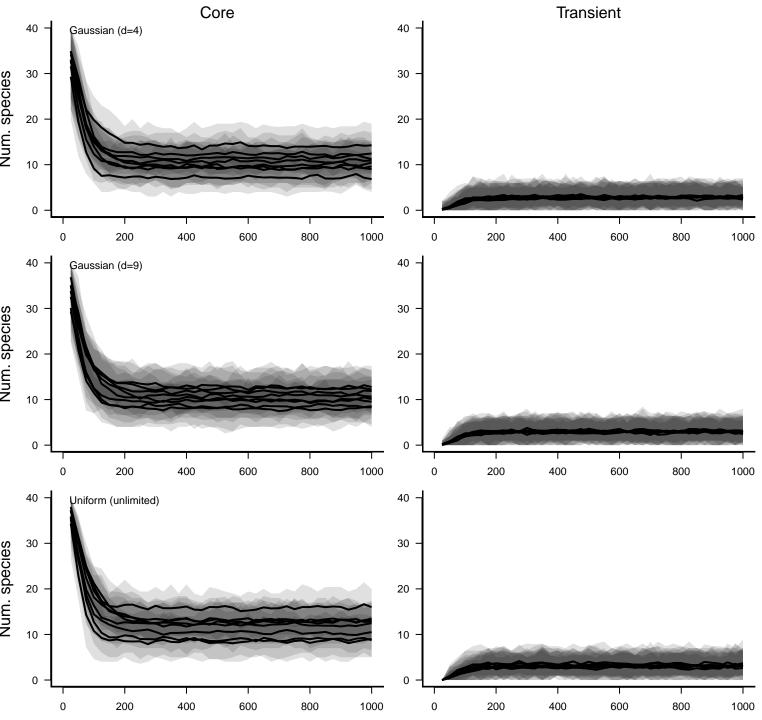
Birth rate-based Transient Species: spatial grain = 2 x 2



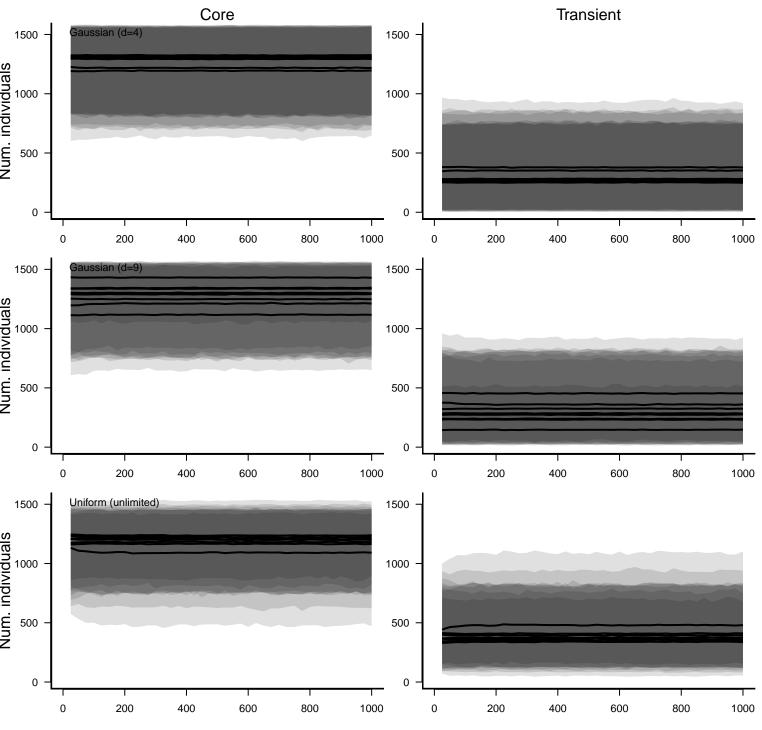
Birth rate-based categories: spatial grain = 4 x 4



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

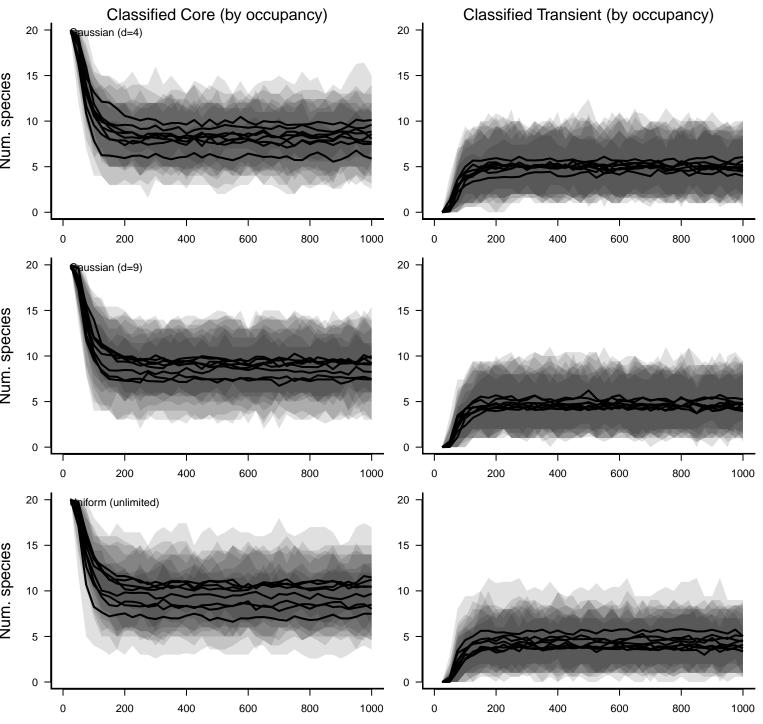


Birth rate-based categories: spatial grain = 4 x 4

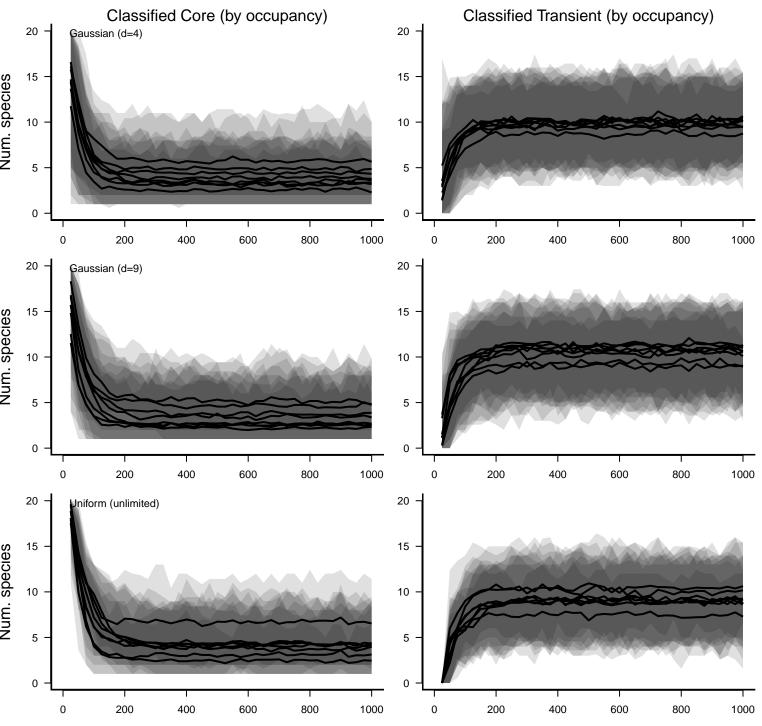


Temporal occupancy-based categories: spatial grain = 4 x 4 Core Transient Num. individuals Num. individuals Num. individuals 

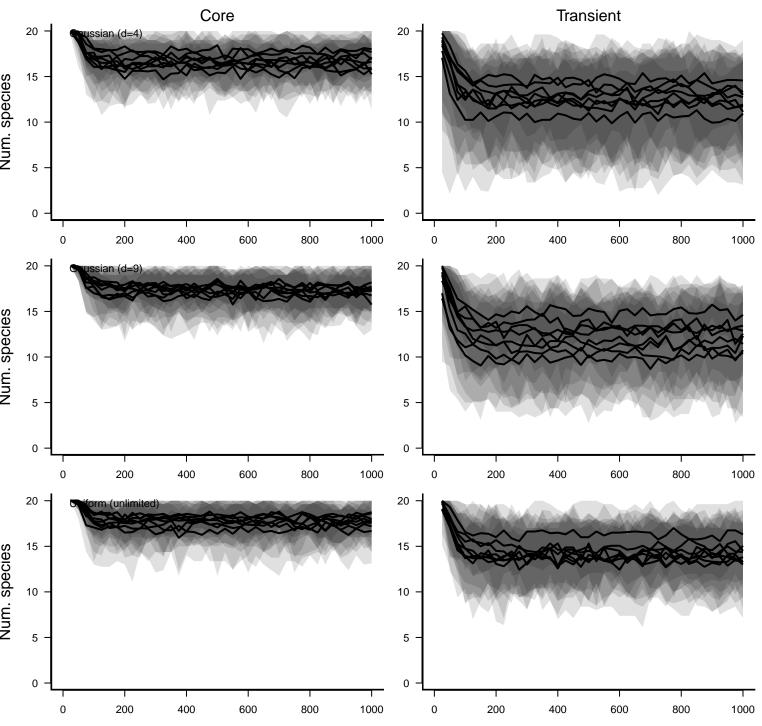
Birth rate-based Core Species: spatial grain = 4 x 4



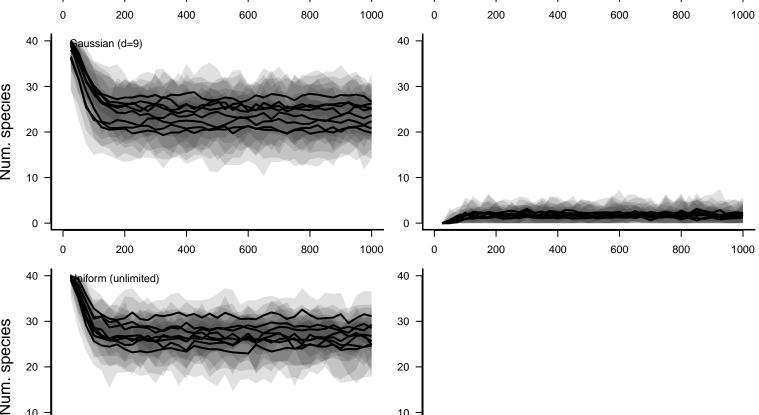
Birth rate-based Transient Species: spatial grain = 4 x 4



Birth rate-based categories: spatial grain = 8 x 8

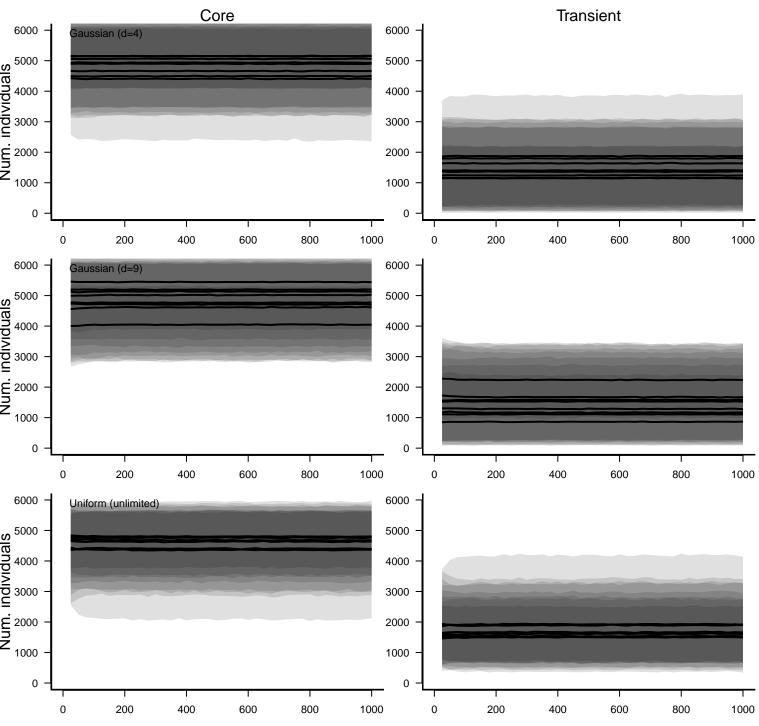


Temporal occupancy-based categories: spatial grain = 8 x 8 Core Transient 40 -



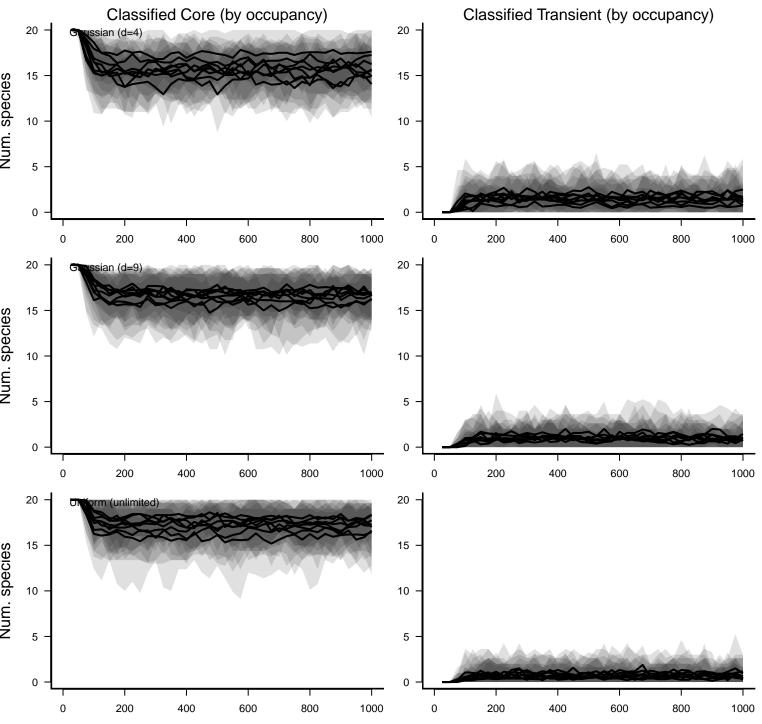
Num. species  Gaussian (d=4)

Birth rate-based categories: spatial grain = 8 x 8

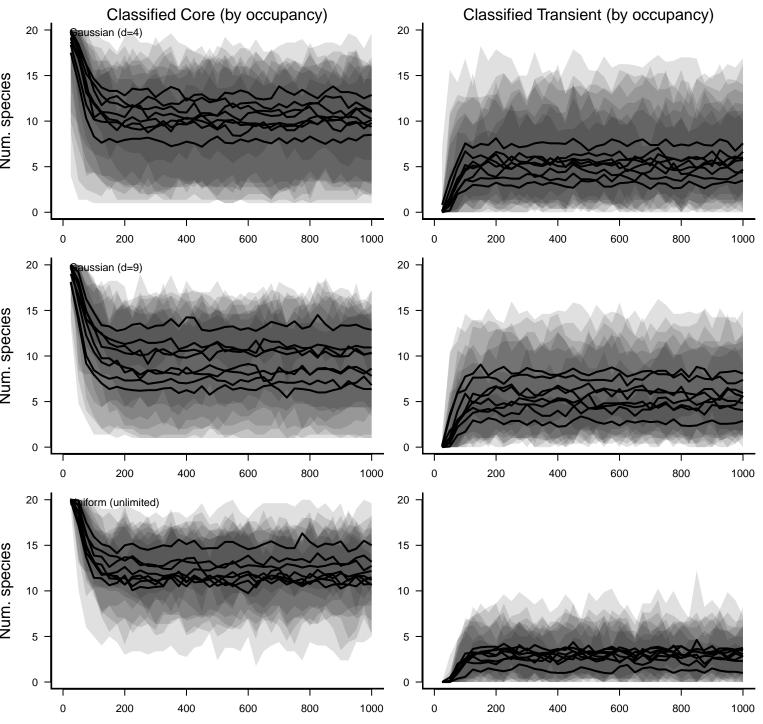


Temporal occupancy-based categories: spatial grain = 8 x 8 Core Transient 5000 4000 4000 2000 1000 1000 5000 4000 4000 3000 2000 1000 5000 4000 4000 3000 2000 1000 

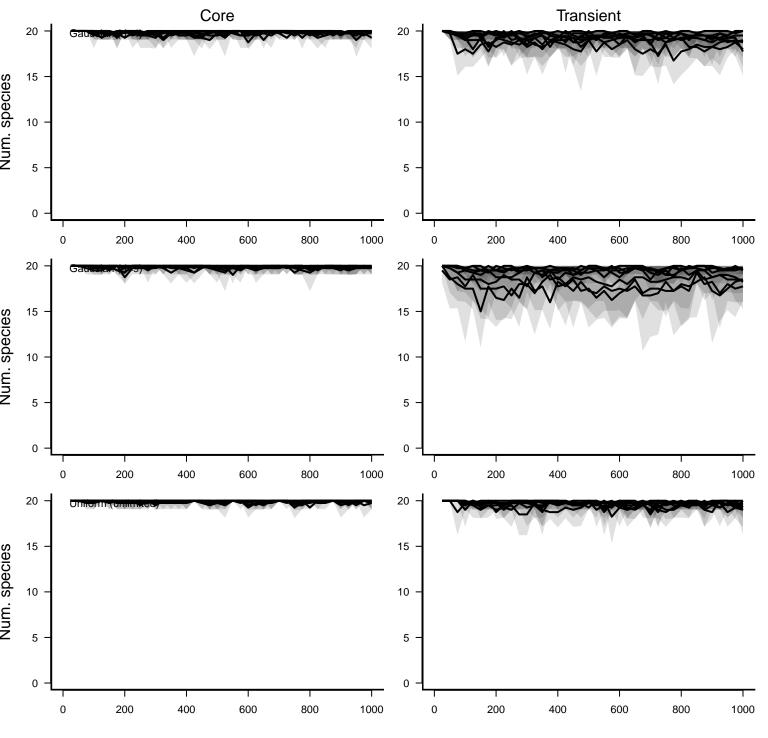
Birth rate-based Core Species: spatial grain = 8 x 8



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



Birth rate-based categories: spatial grain =  $16 \times 16$ 

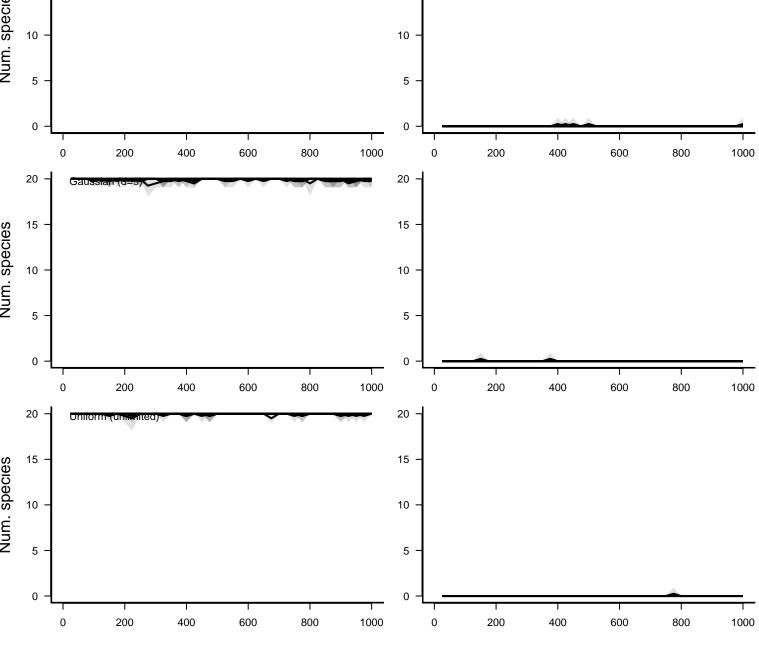


Temporal occupancy–based categories: spatial grain = 16 x 16 Core Transient Num. species 40 -Num. species Num. species 

Birth rate-based categories: spatial grain =  $16 \times 16$ Core **Transient** Gaussian (d=4) Num. 170000 Gaussian (d=9) Num. Individuals Uniform (unlimited) Num. Individuals 10000 5000 

Temporal occupancy–based categories: spatial grain = 16 x 16 Core Transient Num.:ndividuals Num. individuals Uniform (unlimited) Num. individuals 

Birth rate-based Core Species: spatial grain = 16 x 16 Classified Core (by occupancy) Classified Transient (by occupancy) 20 -Num. species 20 -



Birth rate-based Transient Species: spatial grain =  $16 \times 16$ 

