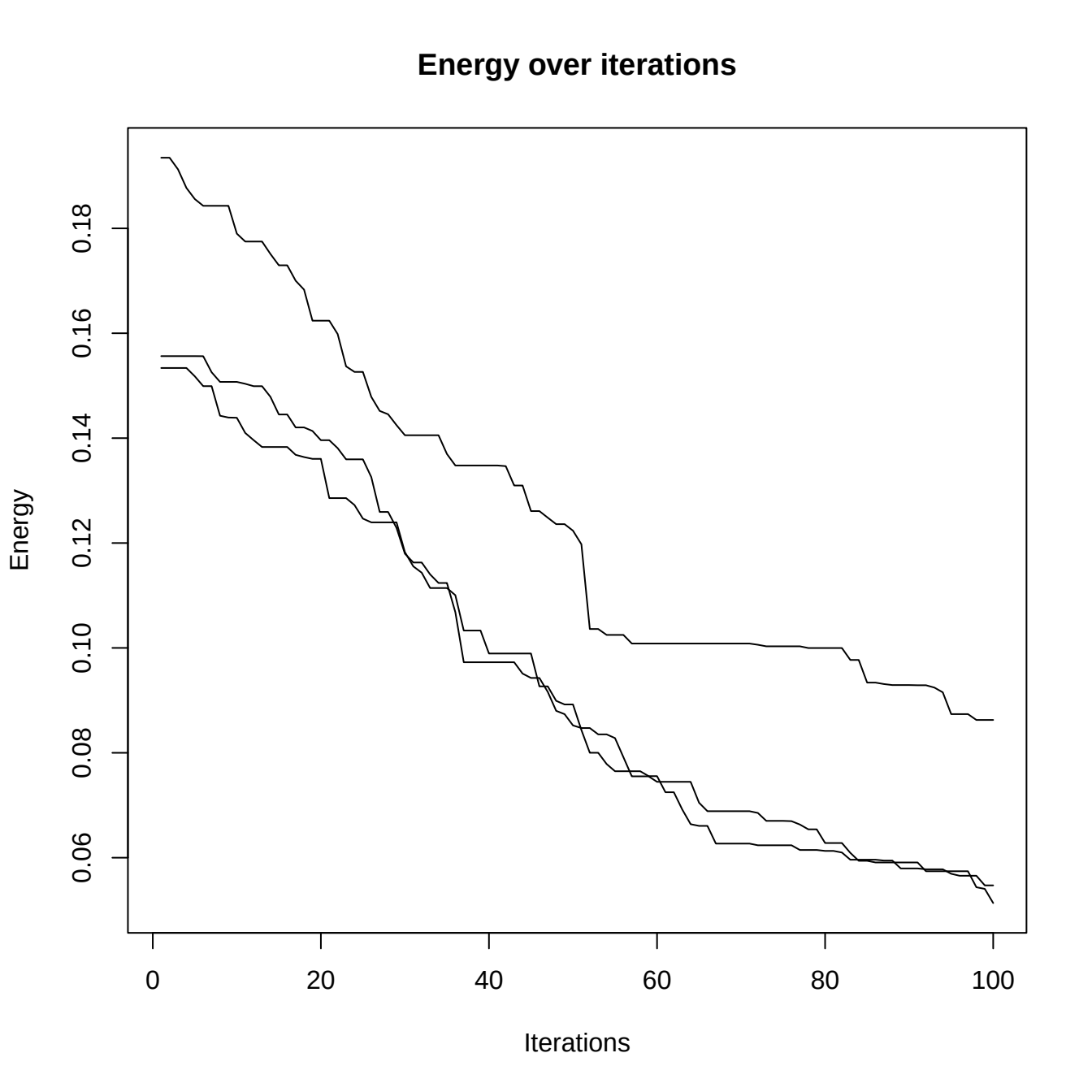
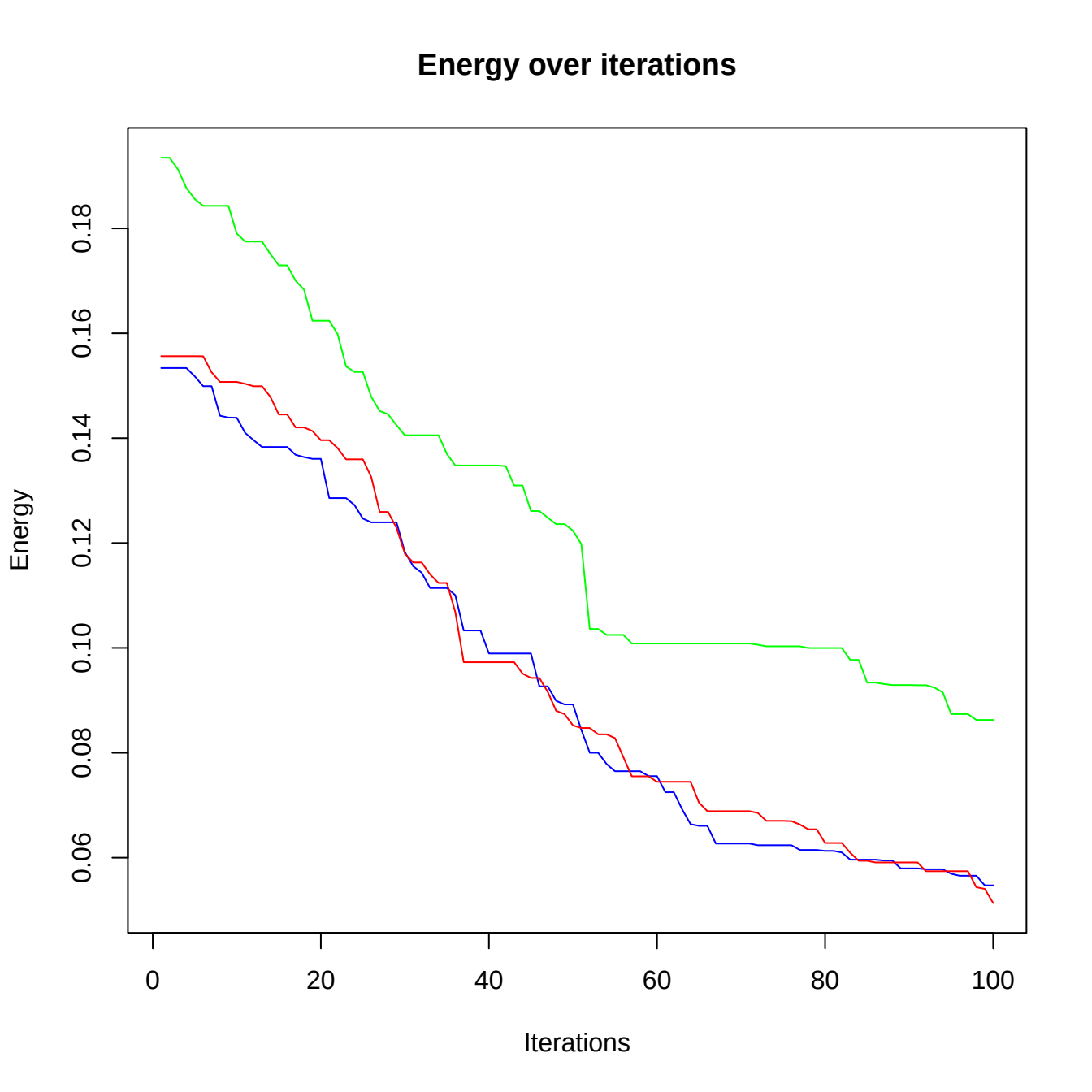
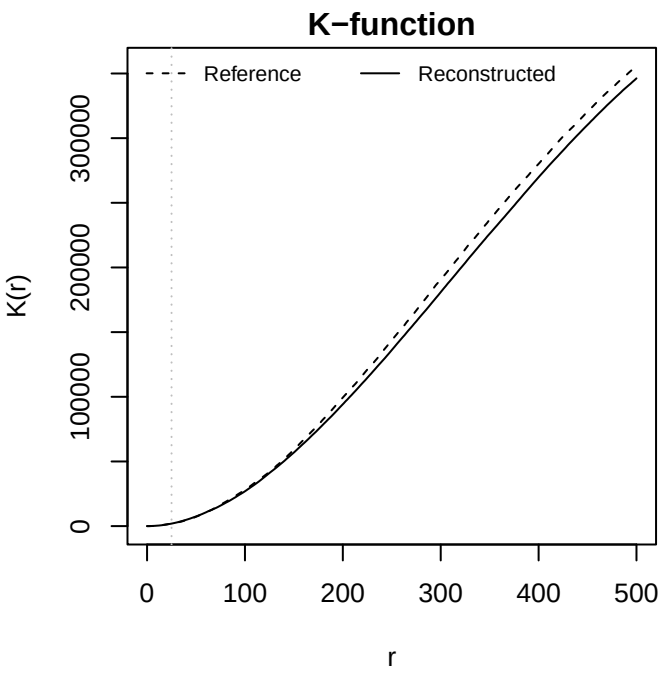
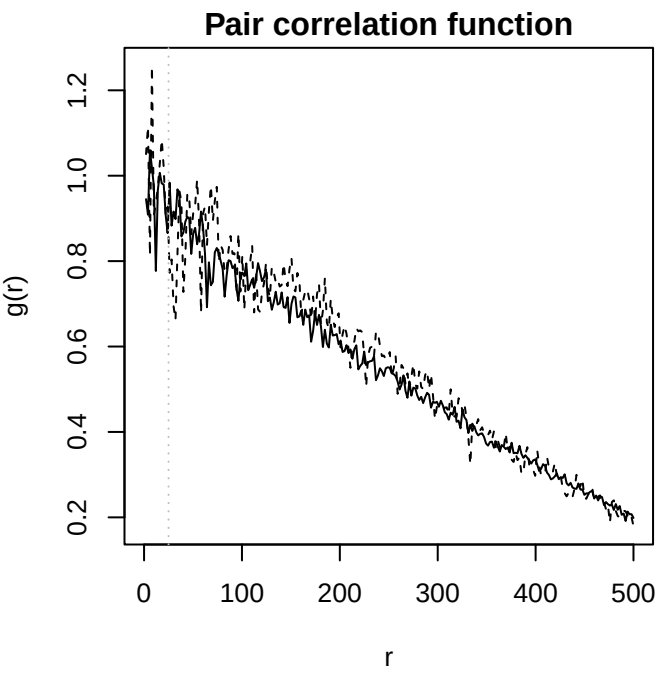
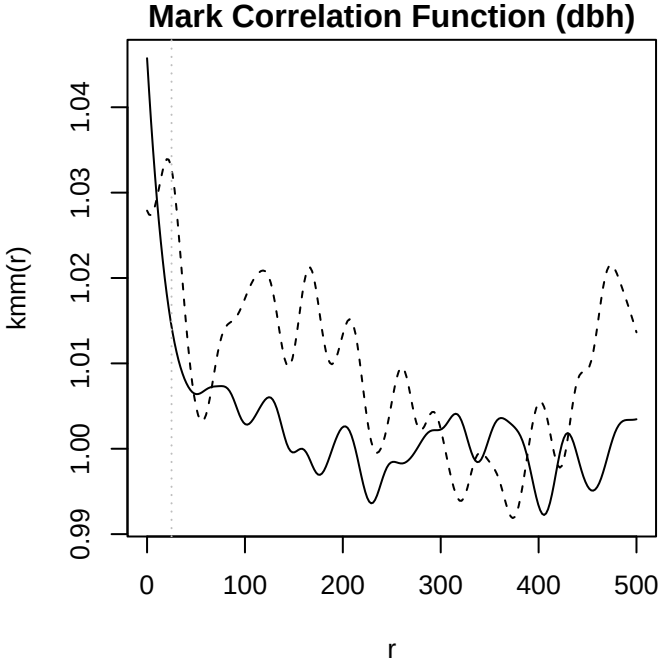
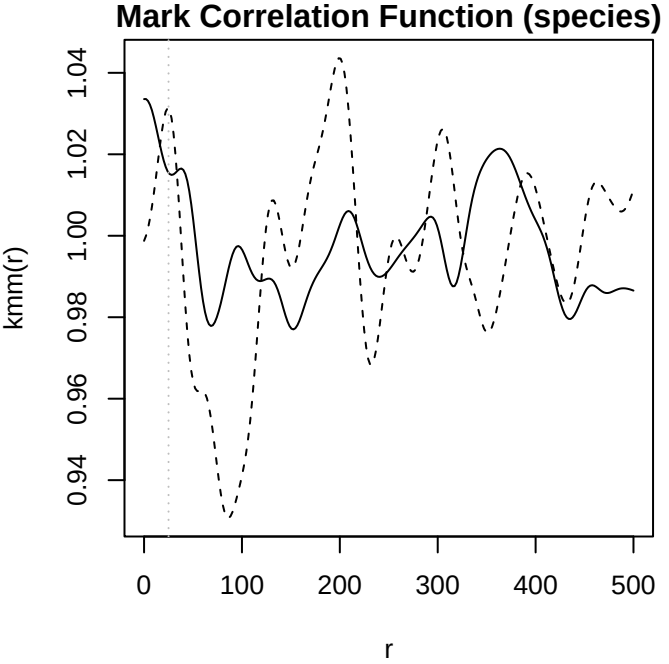

Energy over iterations
Energy
0.06
0.08
0.10
0.12
0.14
0.16
0.18
0
20
40
60
80
100
Iterations

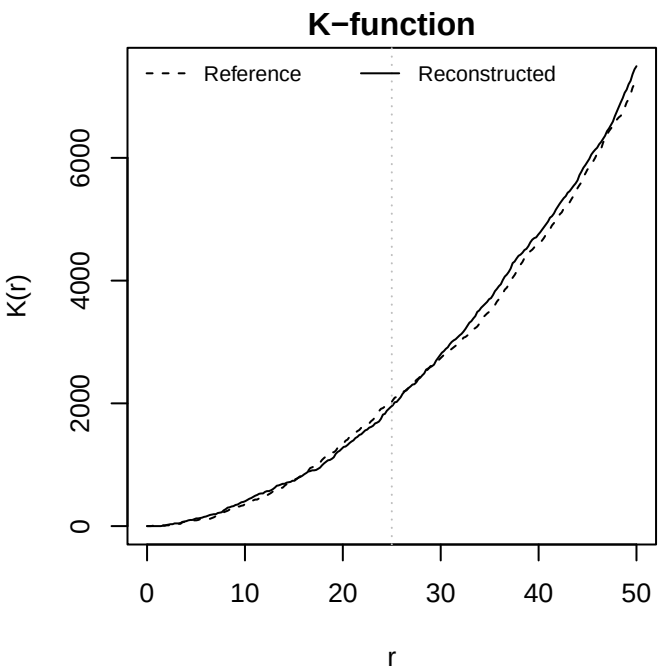

Energy over iterations
Energy
0.06
0.08
0.10
0.12
0.14
0.16
0.18
0
20
40
60
80
100
Iterations

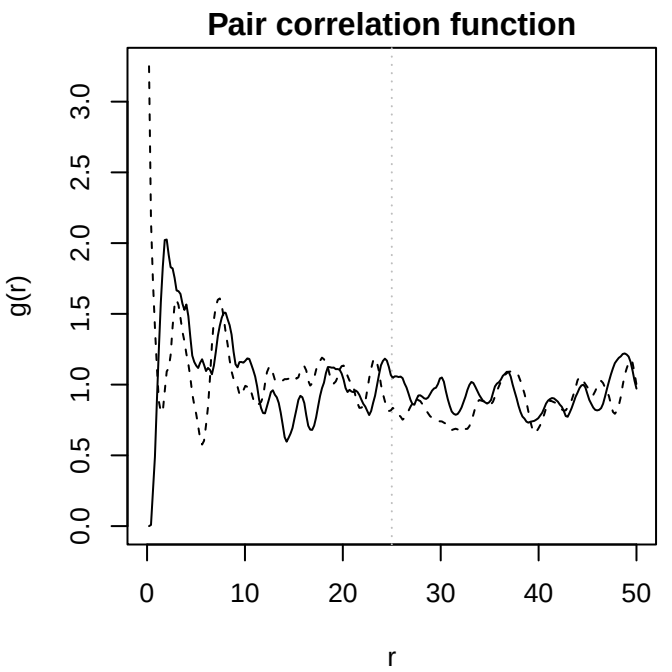

K−function
Reference
Reconstructed
K(r)
0
100000
200000
300000
0
100
200
300
400
500
r

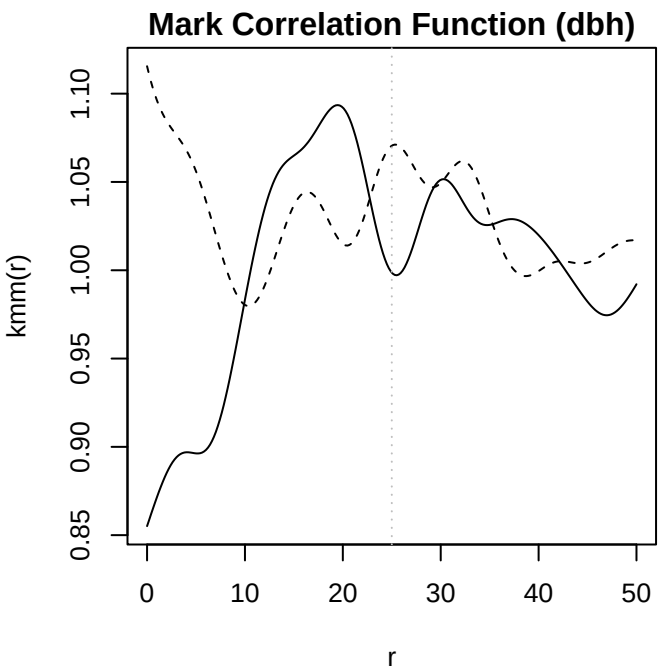

Pair correlation function
g(r)
0.2
0.4
0.6
0.8
1.0
1.2
0
100
200
300
400
500
r

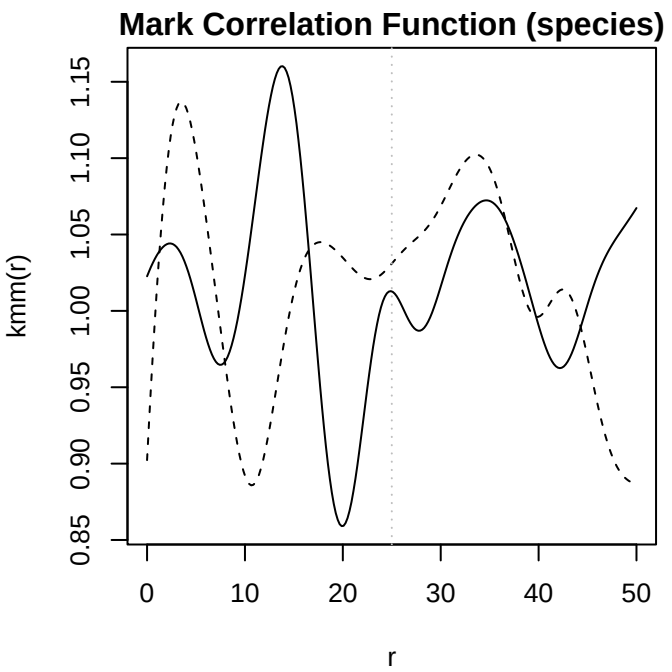

Mark Correlation Function (dbh)
kmm(r)
0.99
1.00
1.01
1.02
1.03
1.04
0
100
200
300
400
500
r

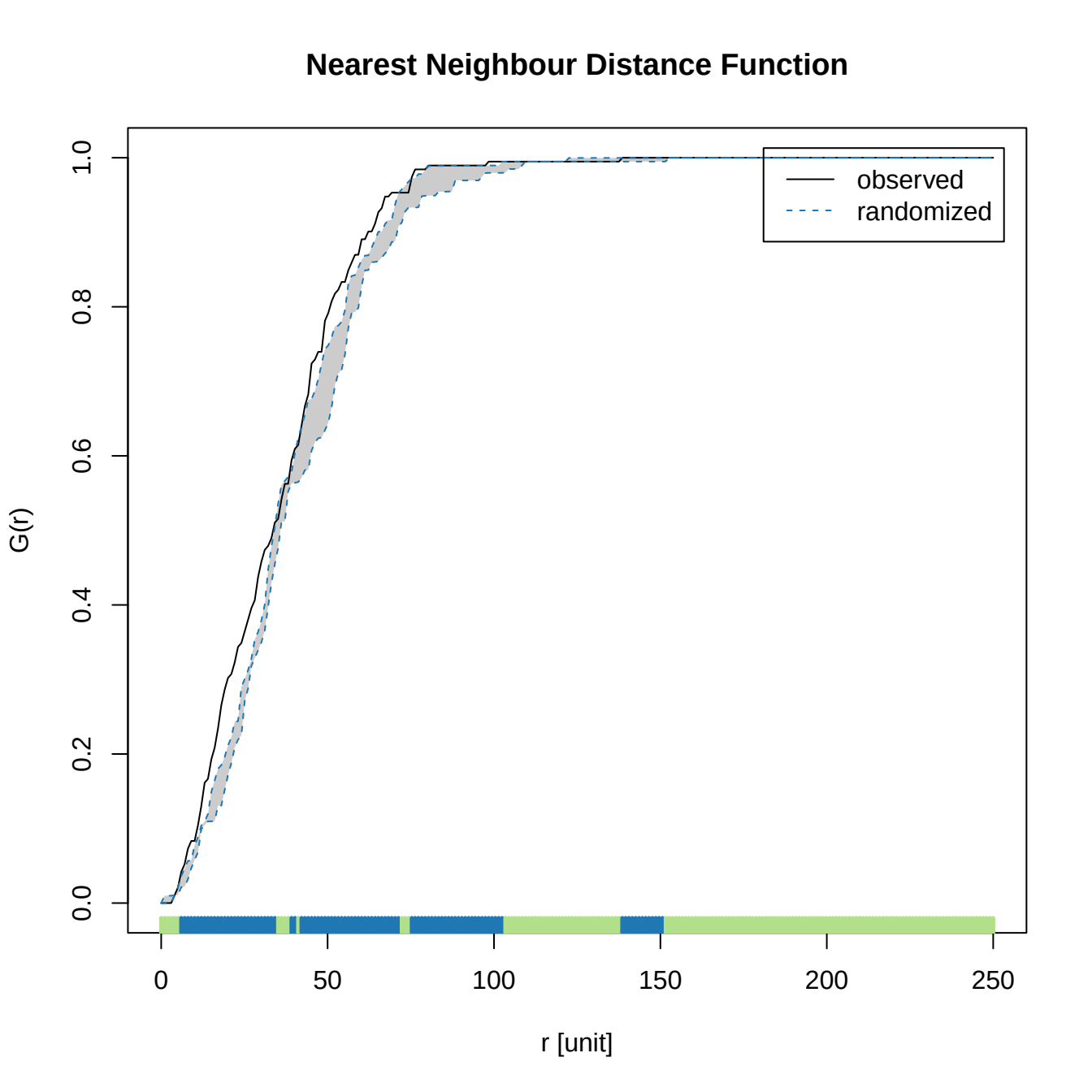

Mark Correlation Function (species)
kmm(r)
0.94
0.96
0.98
1.00
1.02
1.04
0
100
200
300
400
500
r

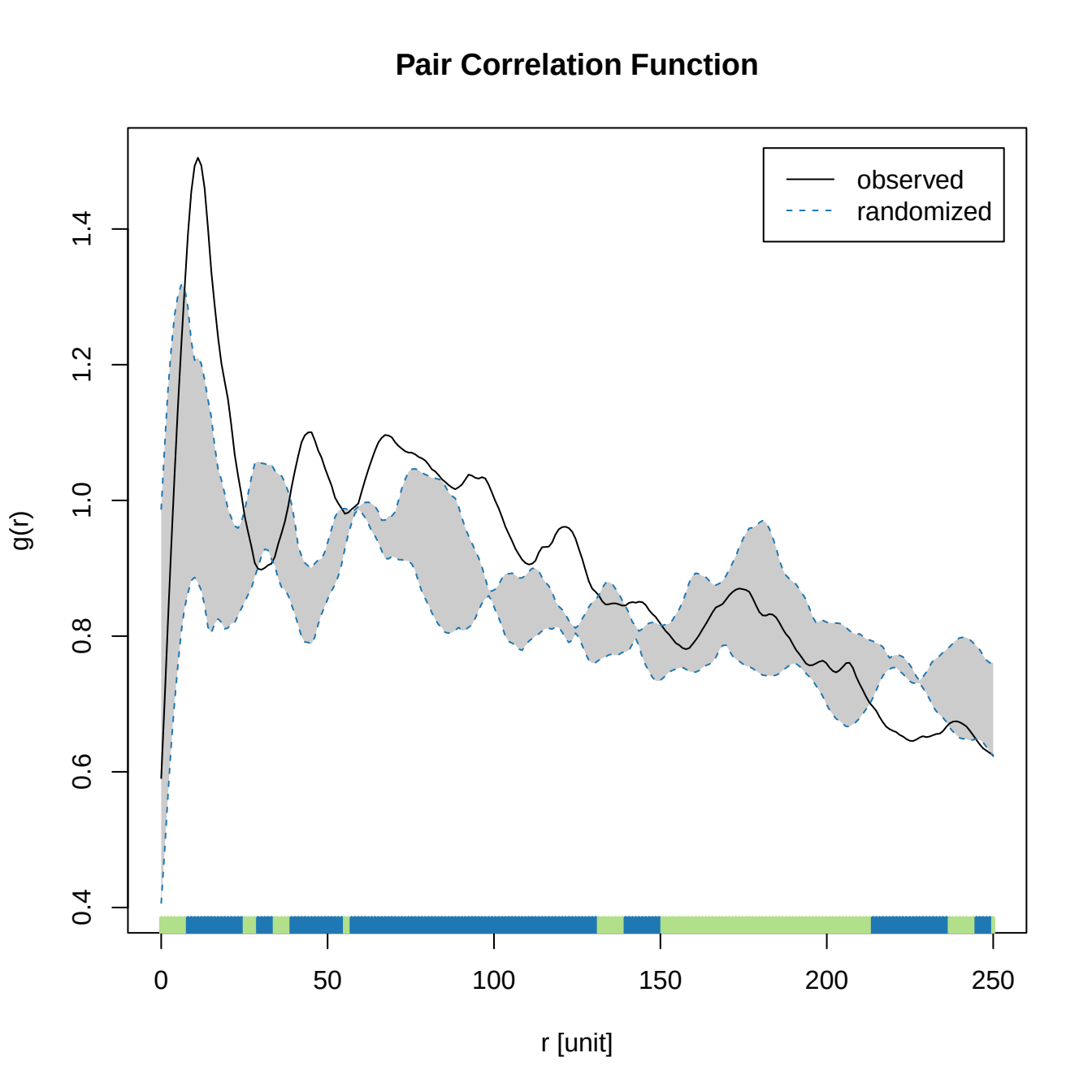

K−function
Reference
Reconstructed
K(r)
0
2000
4000
6000
0
10
20
30
40
50
r

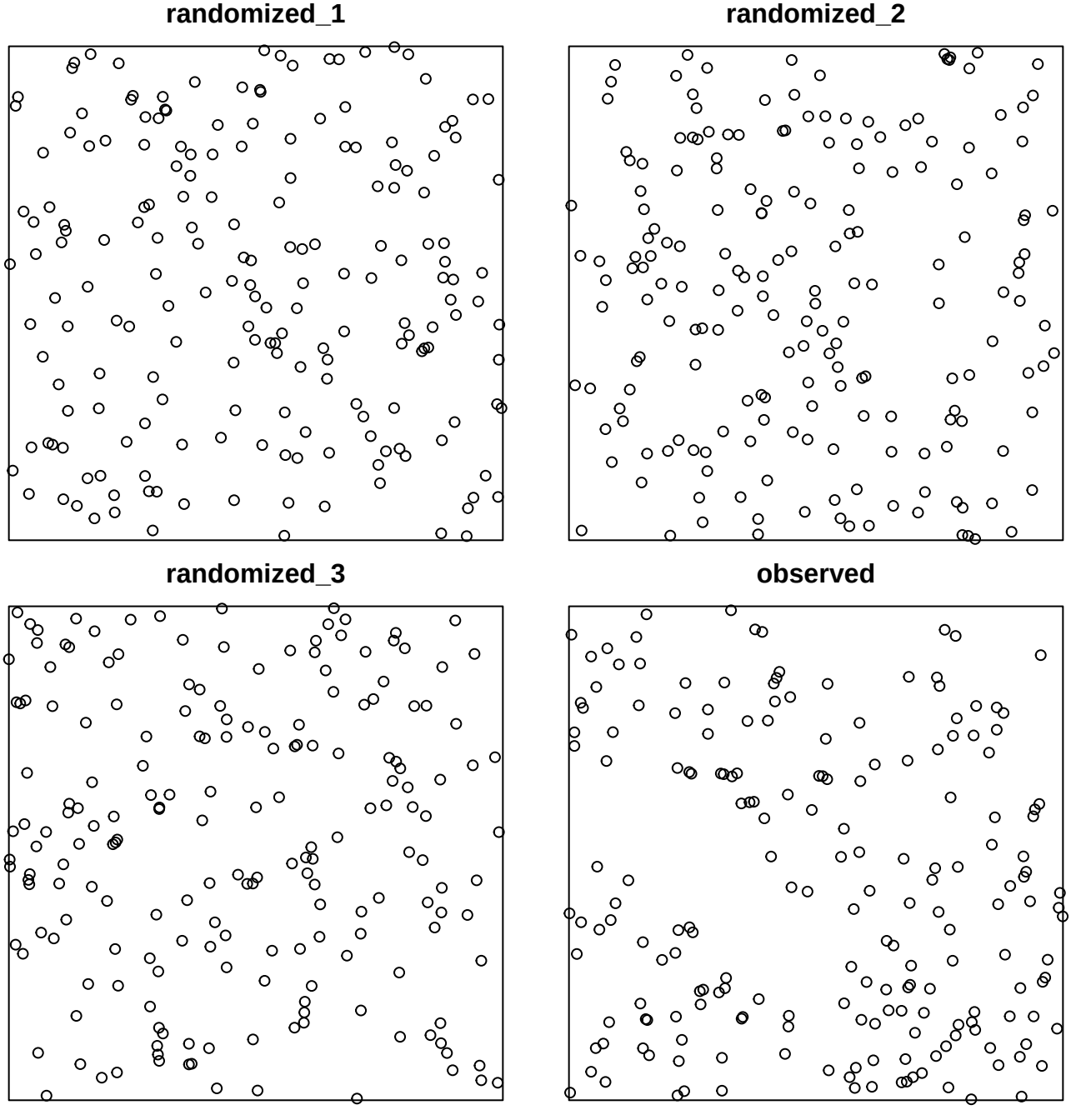

Pair correlation function
g(r)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0
10
20
30
40
50
r

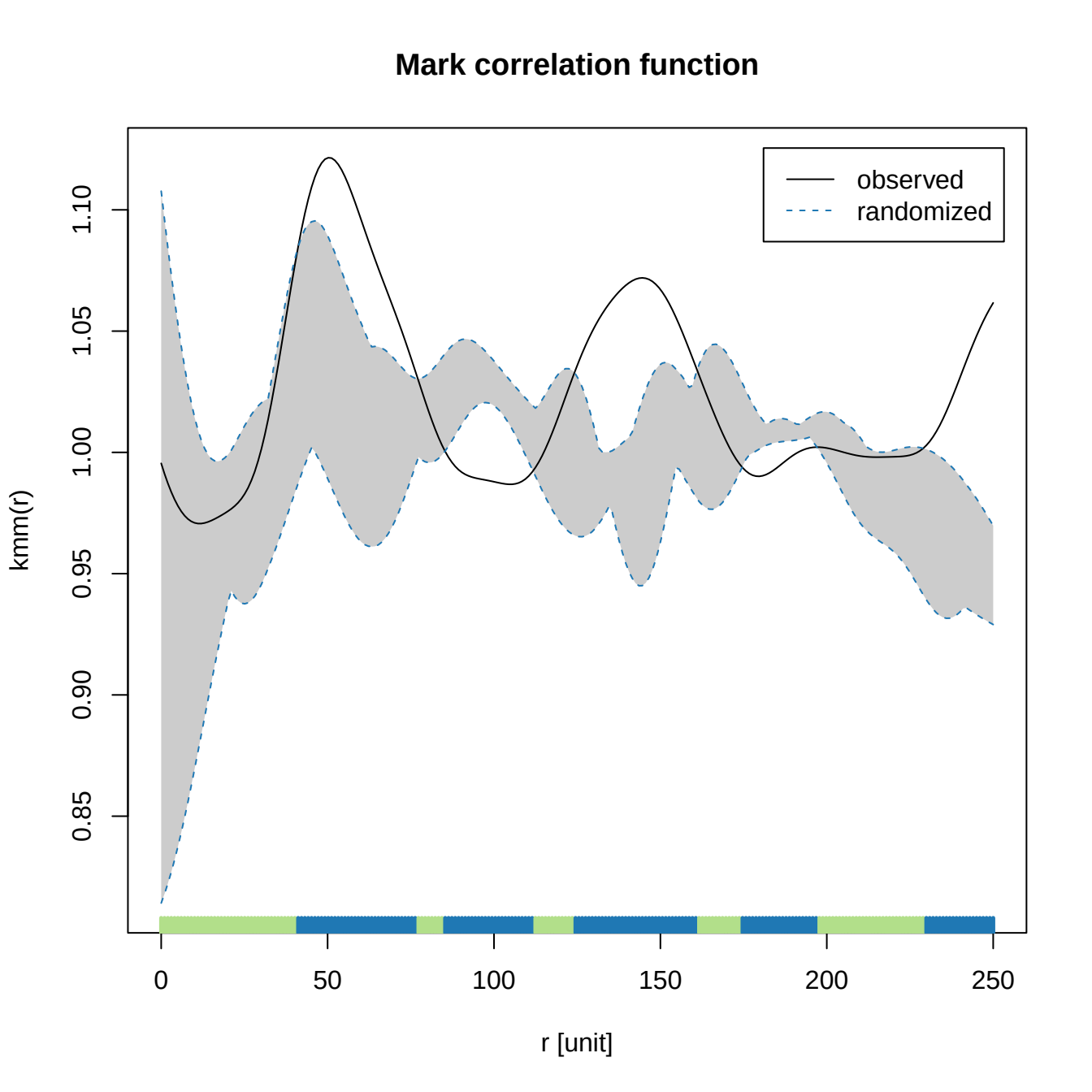

Mark Correlation Function (dbh)
kmm(r)
0.85
0.90
0.95
1.00
1.05
1.10
0
10
20
30
40
50
r

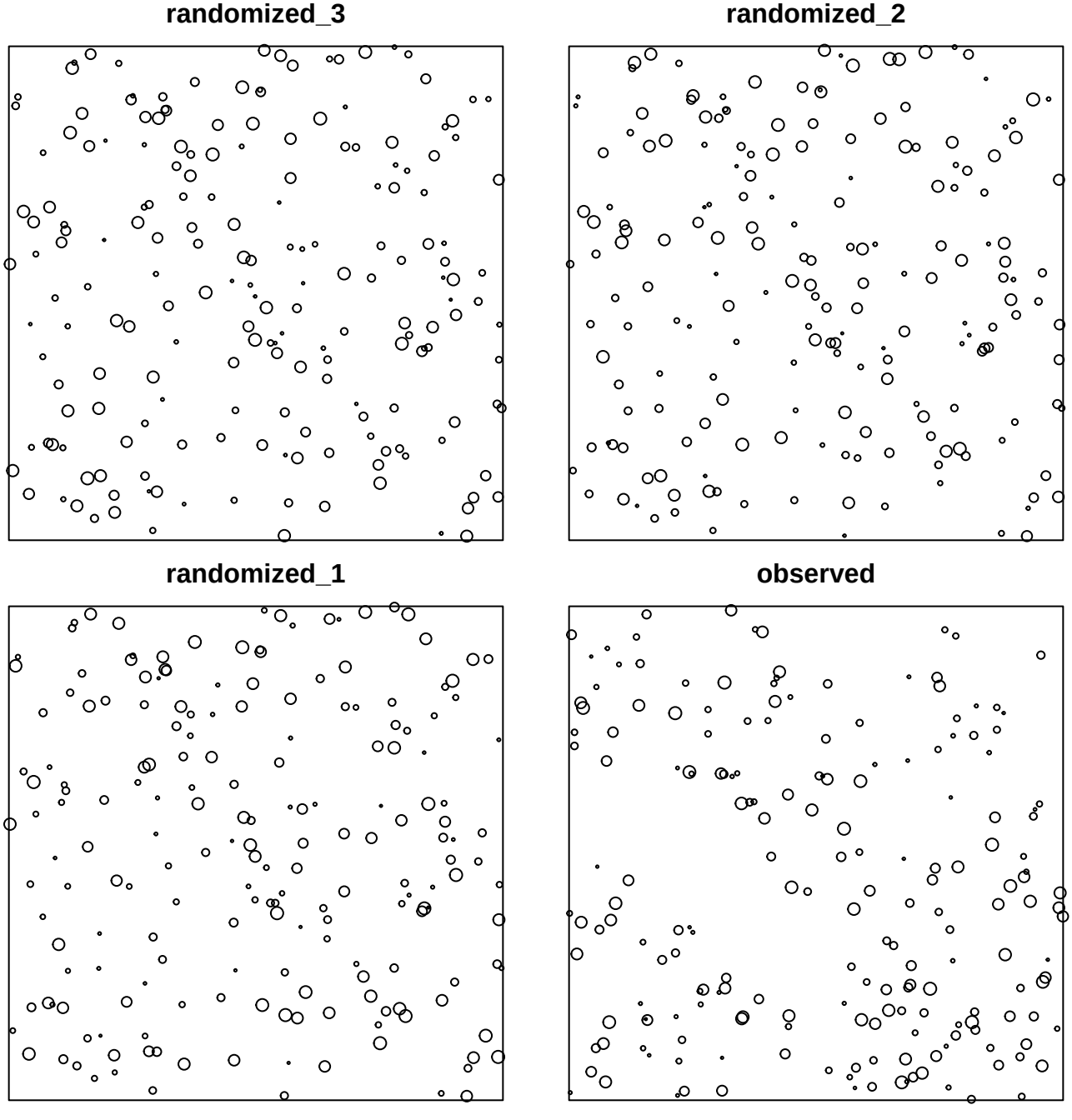

Mark Correlation Function (species)
kmm(r)
0.85
0.90
0.95
1.00
1.05
1.10
1.15
0
10
20
30
40
50
r

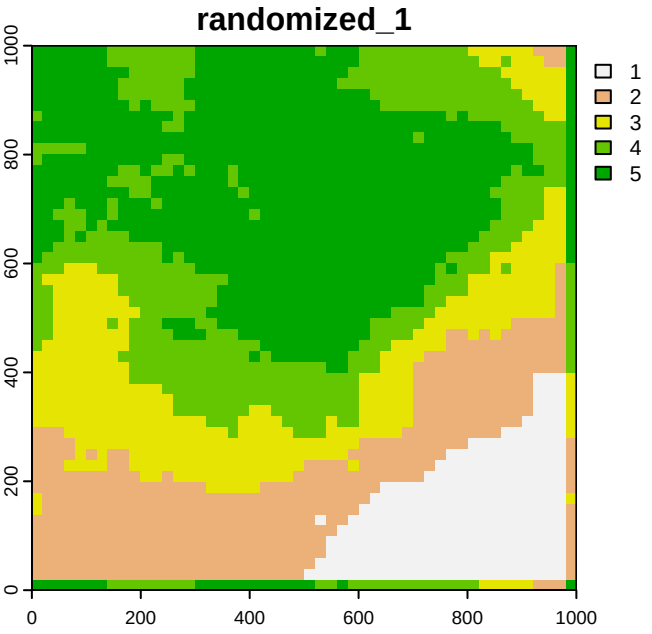

Nearest Neighbour Distance Function
observed
randomized
G(r)
0.0
0.2
0.4
0.6
0.8
1.0
0
50
100
150
200
250
r [unit]

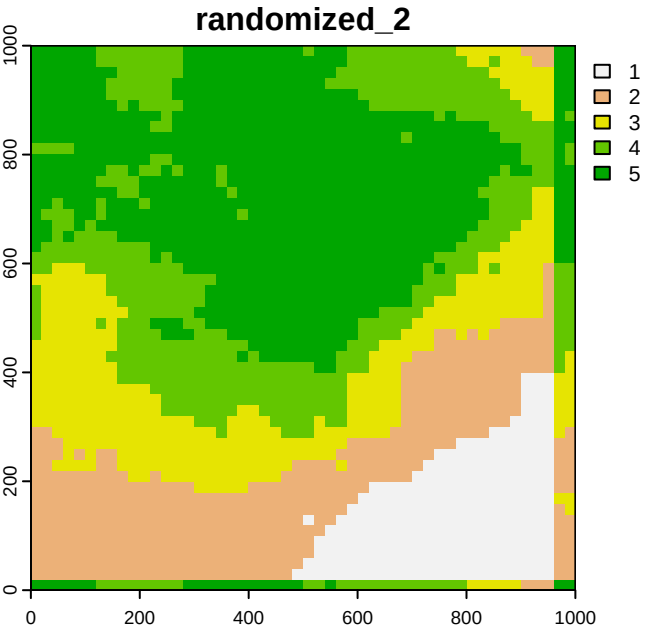

Pair Correlation Function
observed
randomized
g(r)
0.4
0.6
0.8
1.0
1.2
1.4
0
50
100
150
200
250
r [unit]

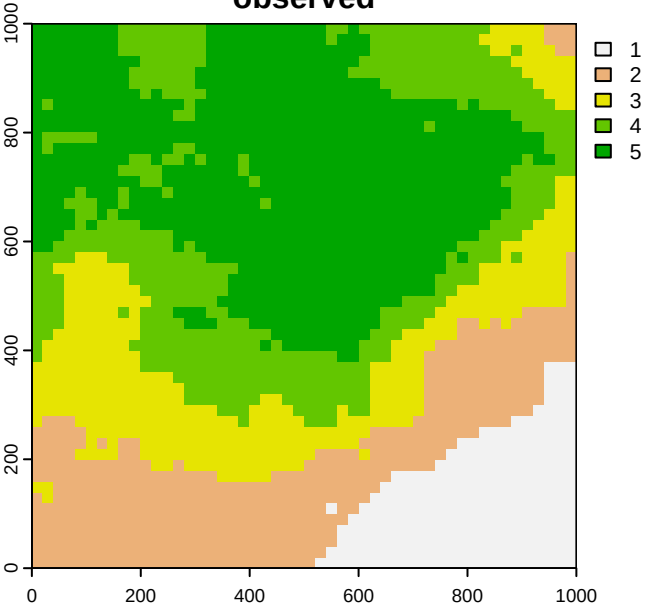

randomized_1
randomized_2
randomized_3
observed

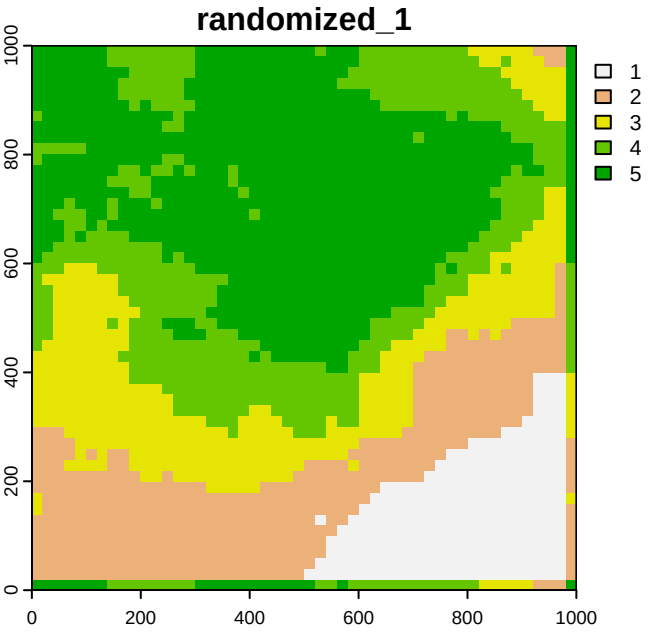

Mark correlation function
observed
randomized
kmm(r)
0.85
0.90
0.95
1.00
1.05
1.10
0
50
100
150
200
250
r [unit]

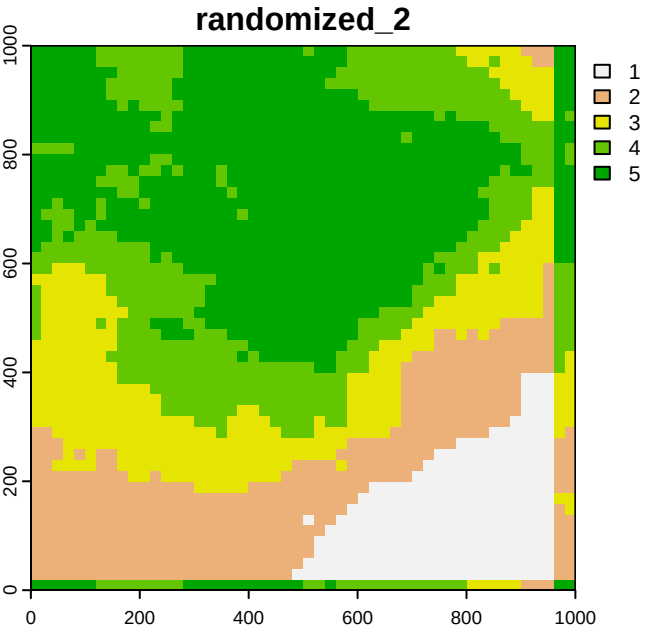

randomized_3
randomized_2
randomized_1
observed

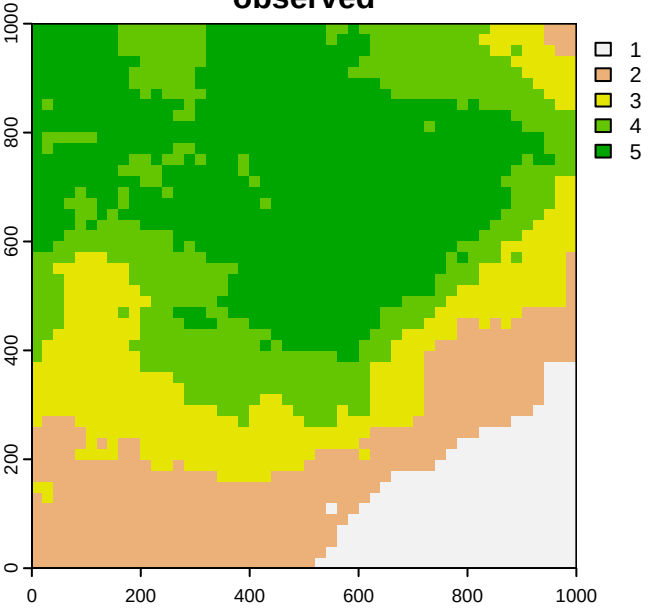

randomized_1
0
200
400
600
800
1000
1
2
3
4
5

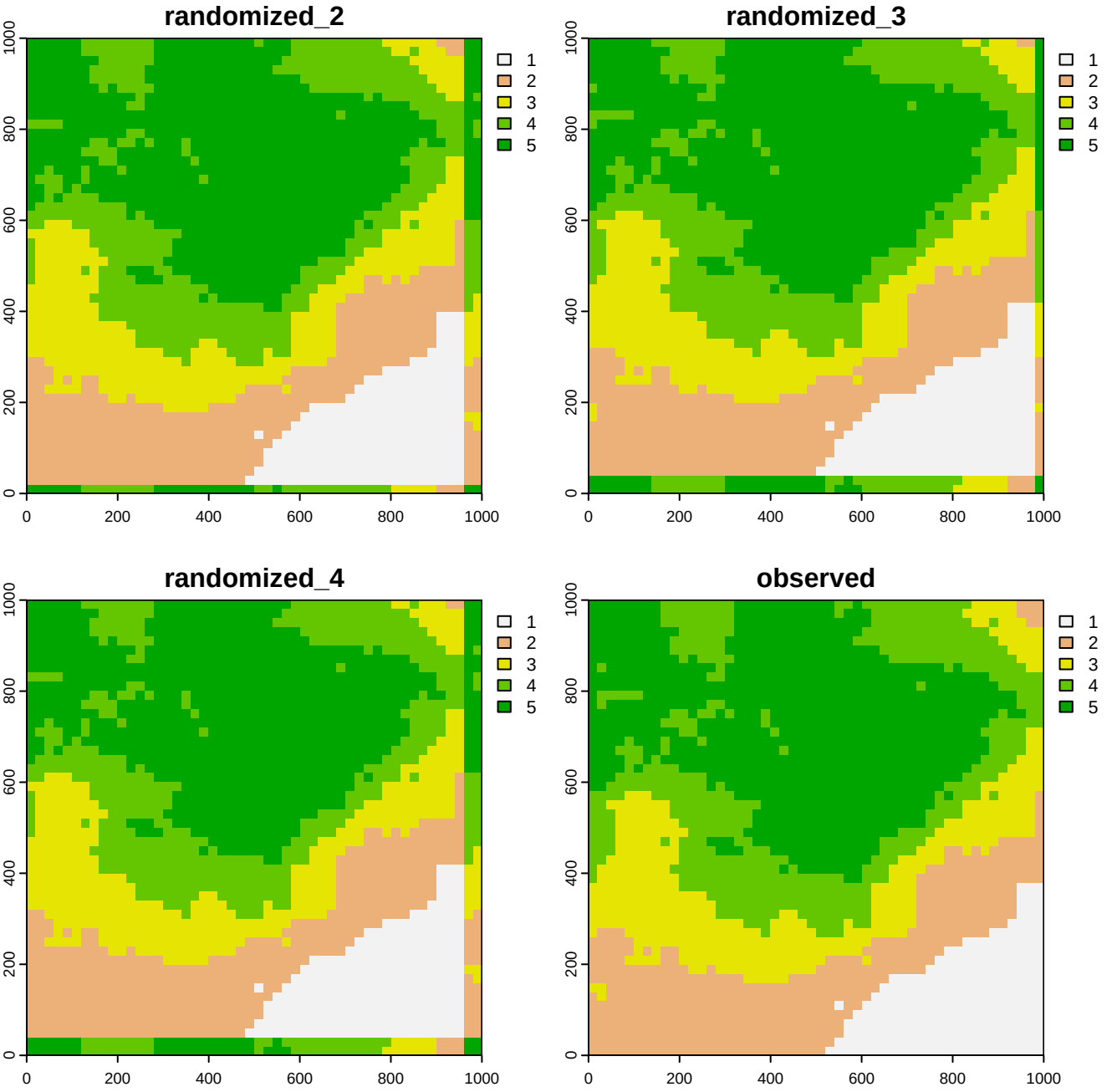

randomized_2
0
200
400
600
800
1000
1
2
3
4
5

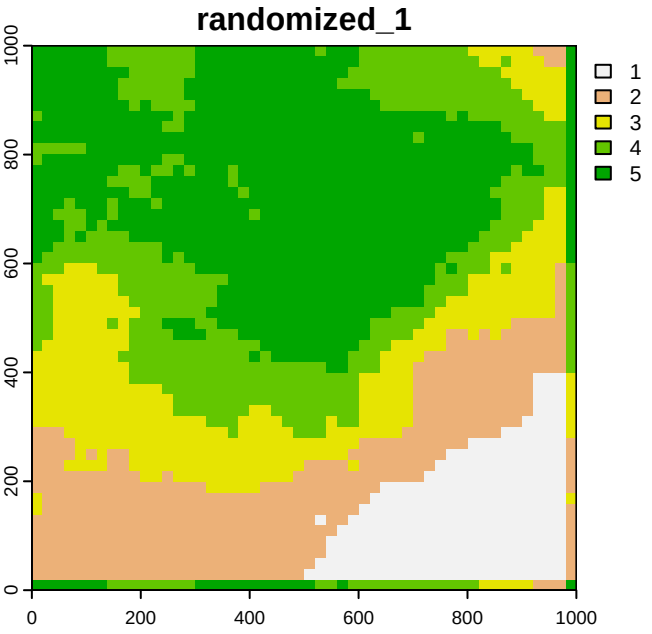

observed
0
200
400
600
800
1000
1
2
3
4
5

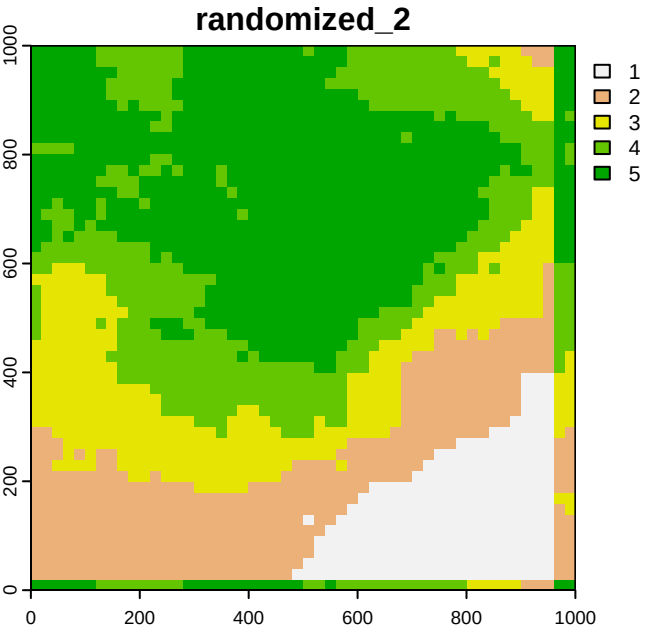

randomized_1
0
200
400
600
800
1000
1
2
3
4
5

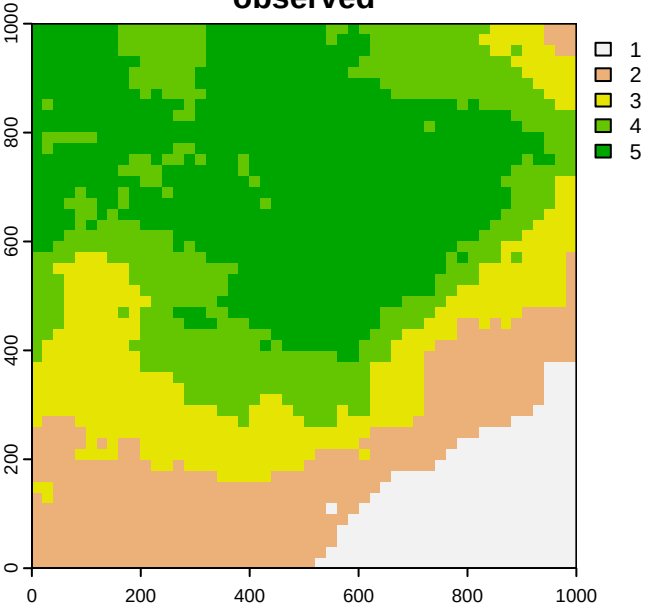

randomized_2
0
200
400
600
800
1000
1
2
3
4
5

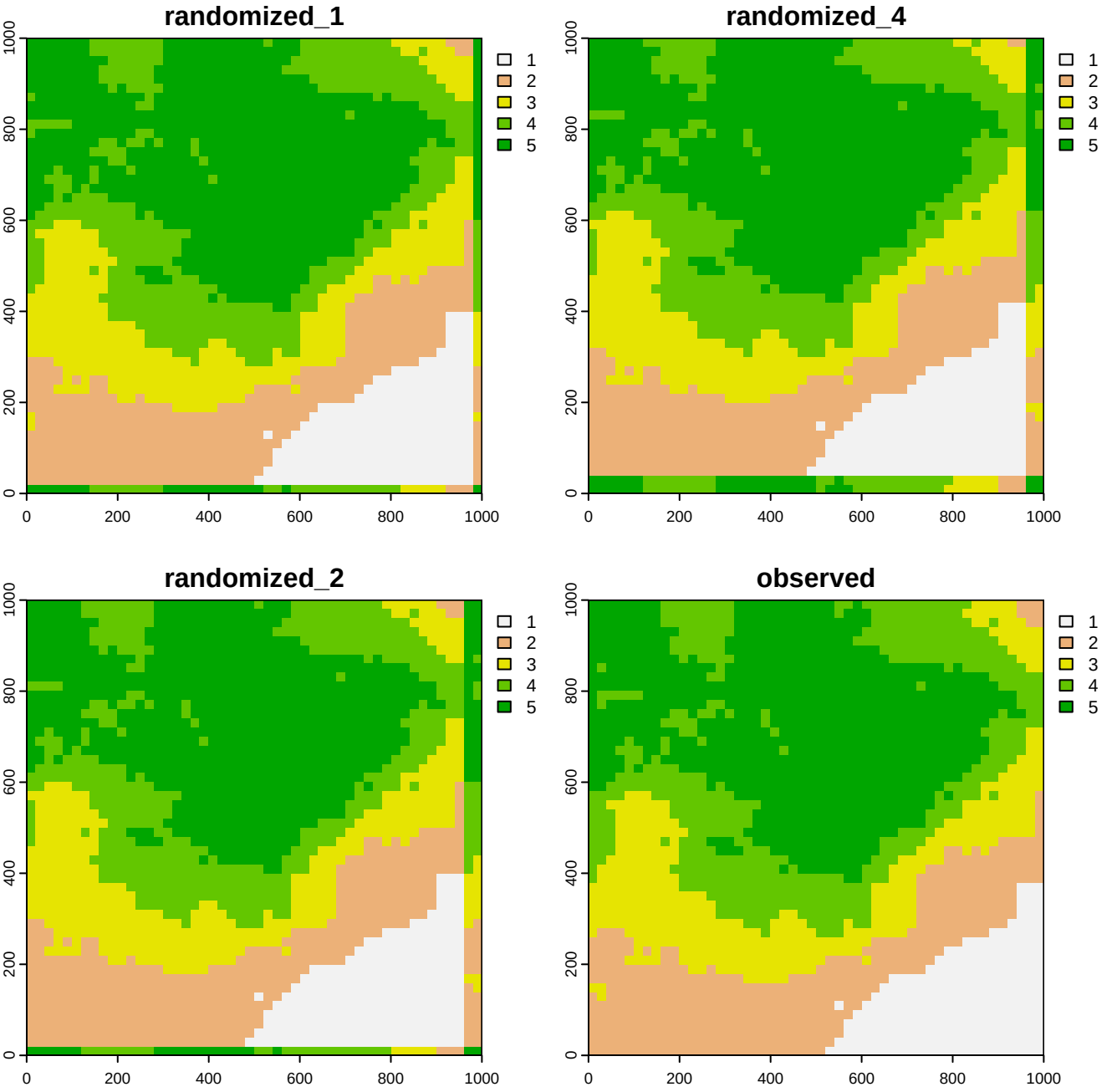

observed
0
200
400
600
800
1000
1
2
3
4
5


randomized_2
randomized_3
randomized_4
observed
1
2
3
4
5
0
200
400
600
800
1000


randomized_1
0
200
400
600
800
1000
1
2
3
4
5


randomized_2
0
200
400
600
800
1000
1
2
3
4
5


observed
0
200
400
600
800
1000
1
2
3
4
5


randomized_1
randomized_4
randomized_2
observed
1
2
3
4
5
0
200
400
600
800
1000