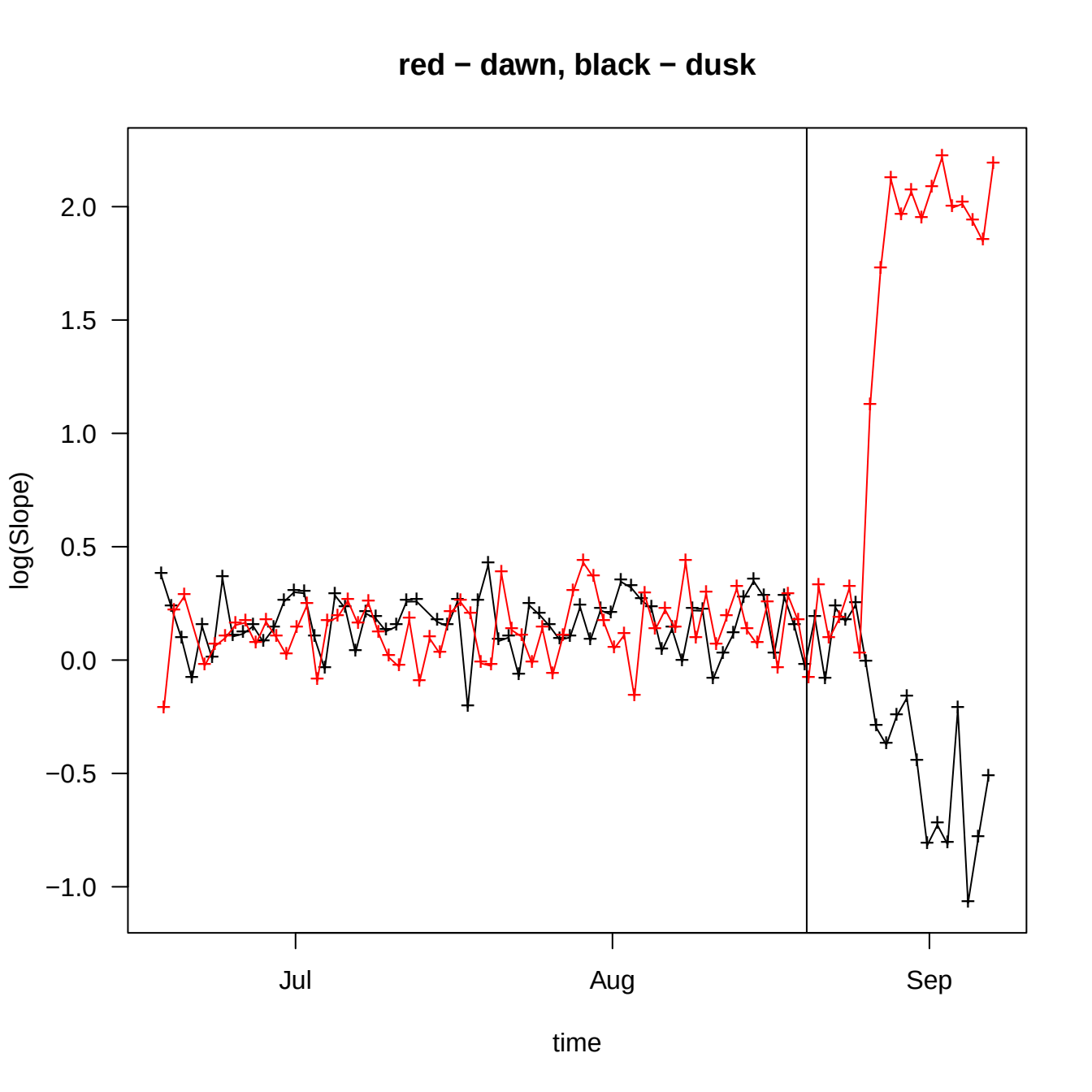
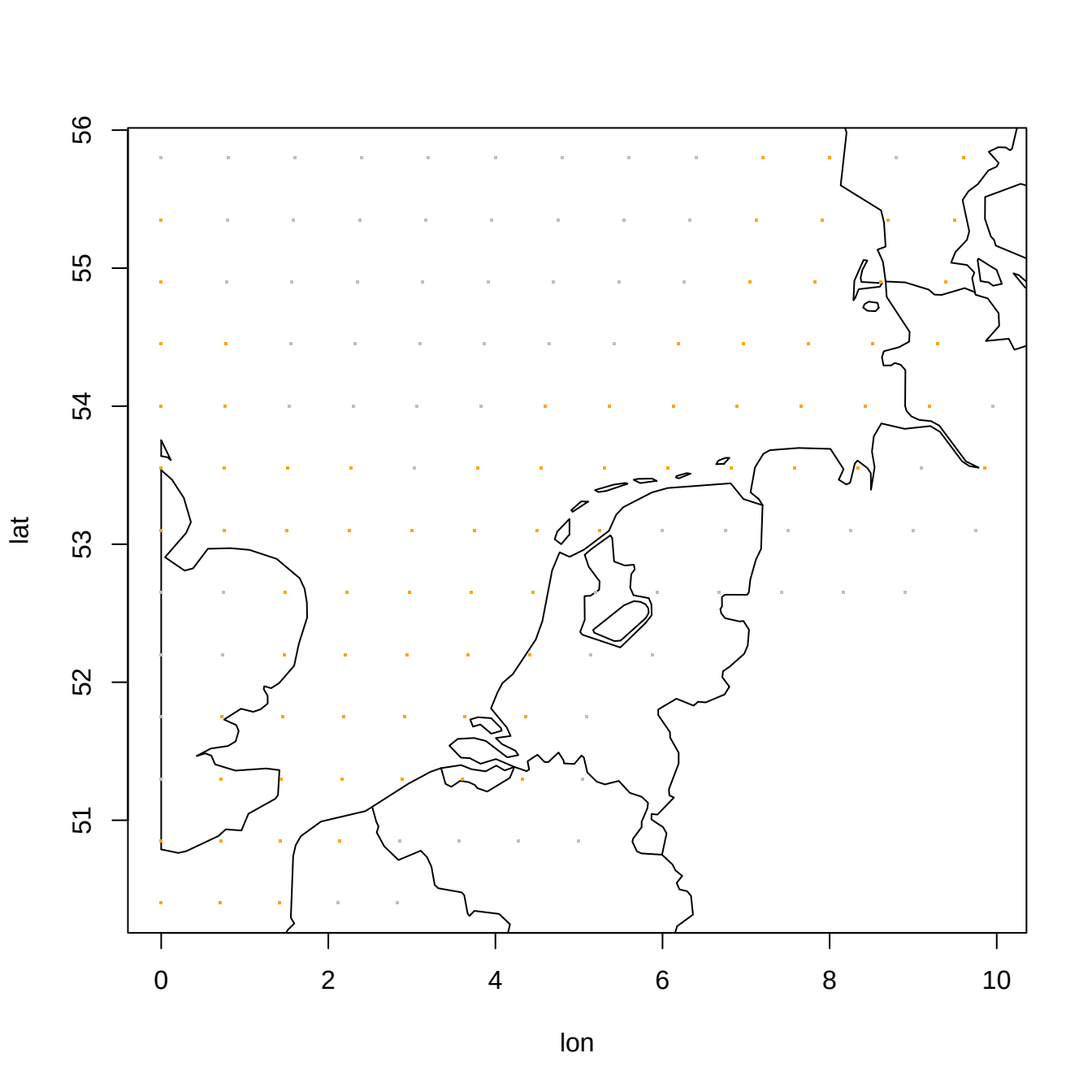
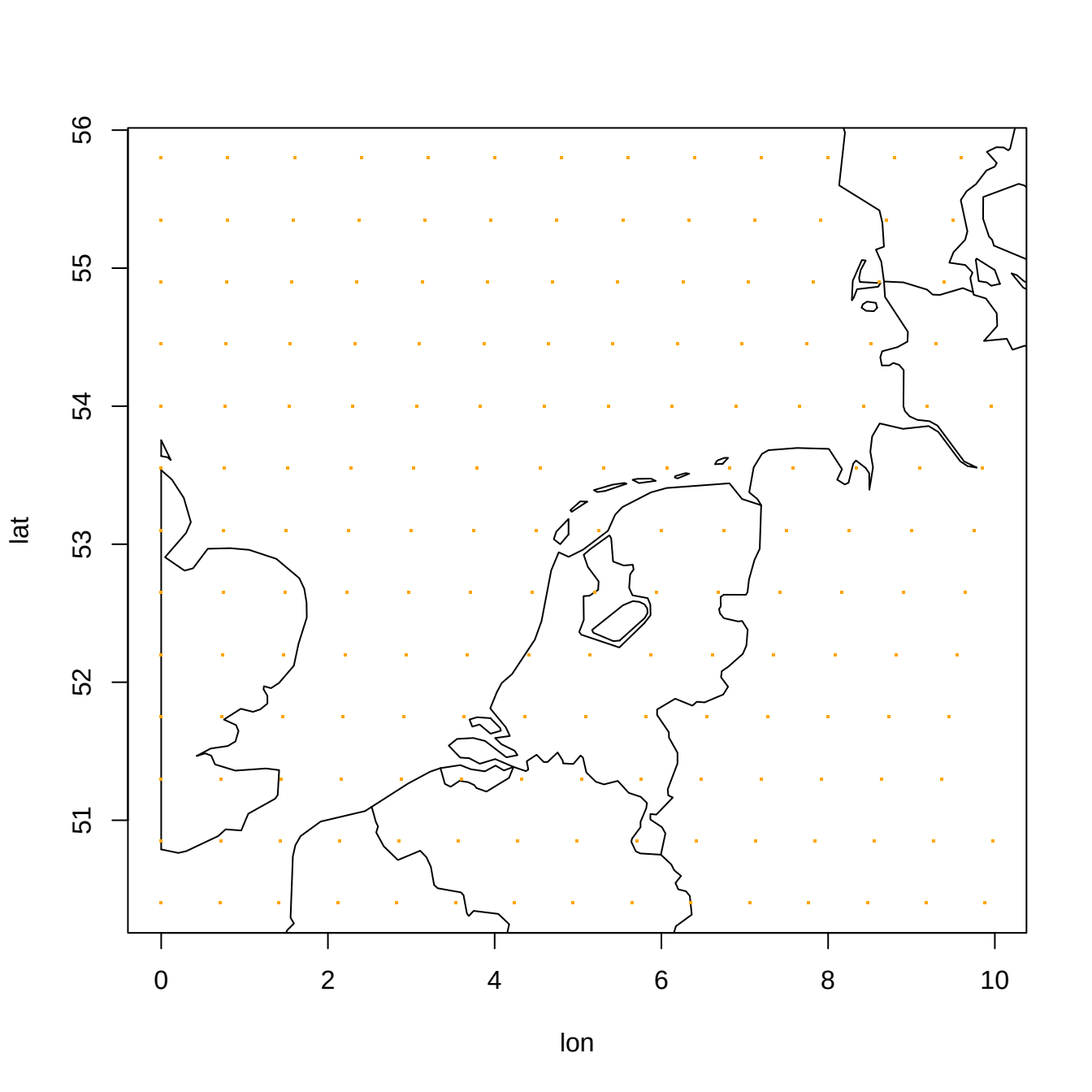
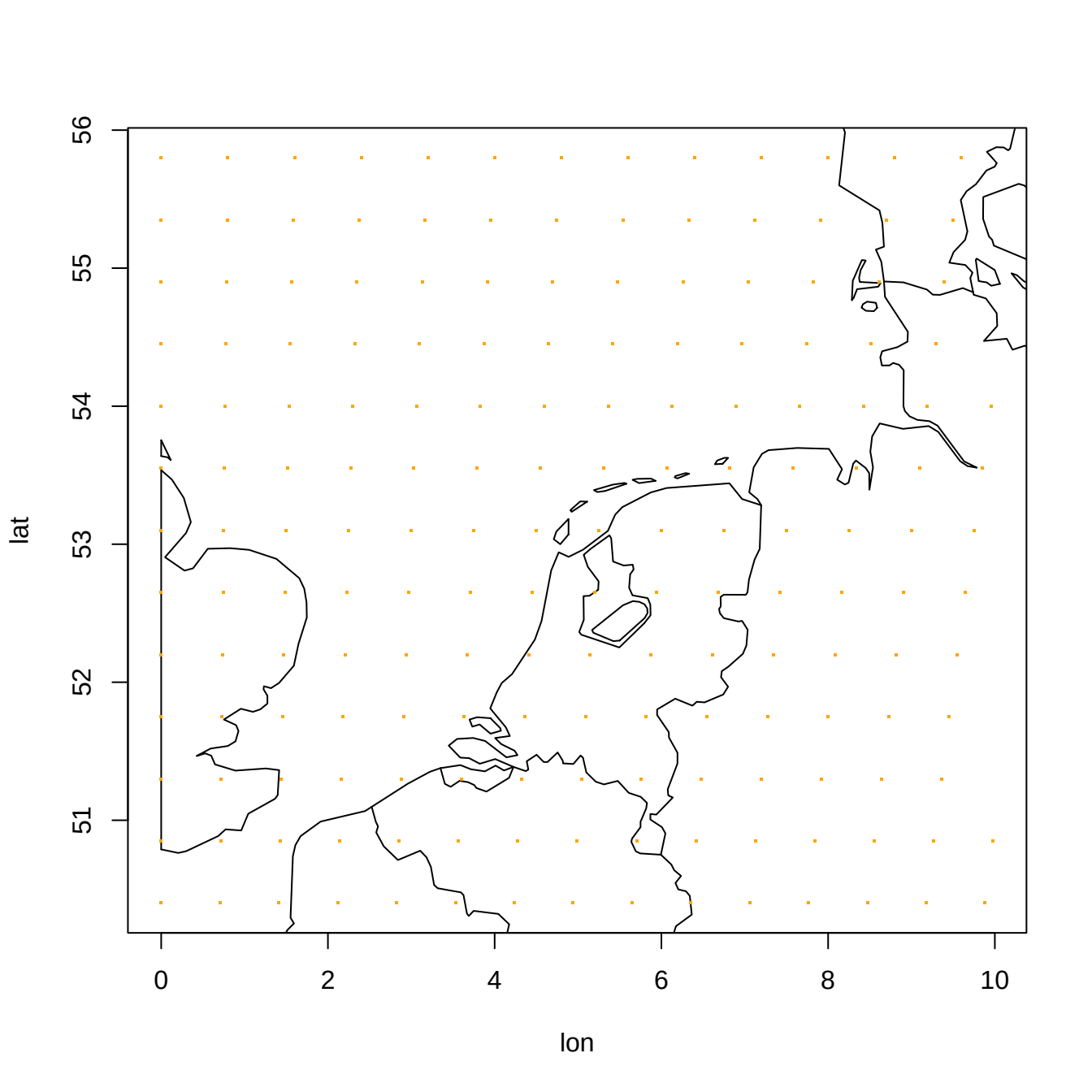

red − dawn, black − dusk
log(Slope)
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
Jul
Aug
Sep
time


lat
56
55
54
53
52
51
0
2
4
6
8
10
lon


lat
56
55
54
53
52
51
0
2
4
6
8
10
lon


lat
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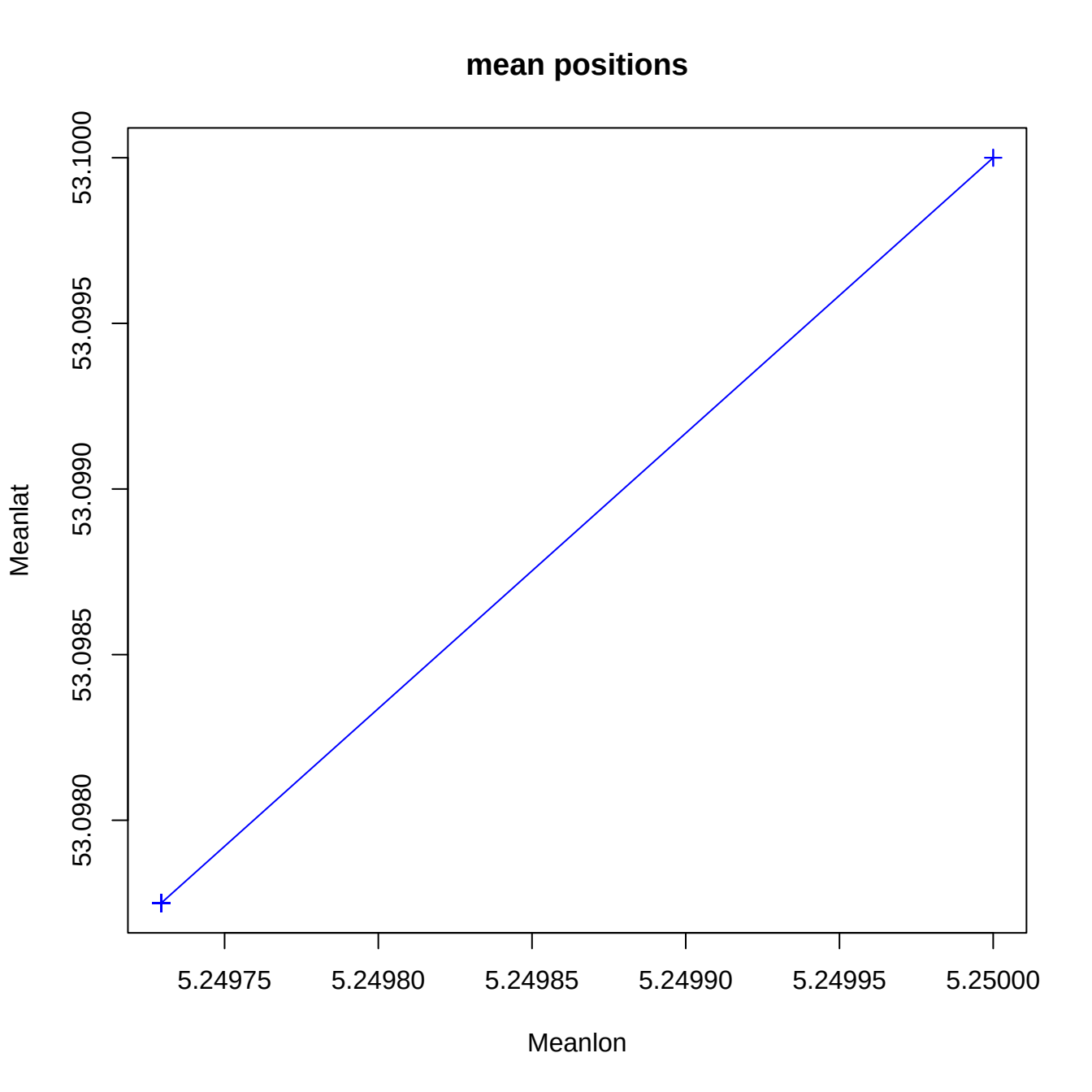
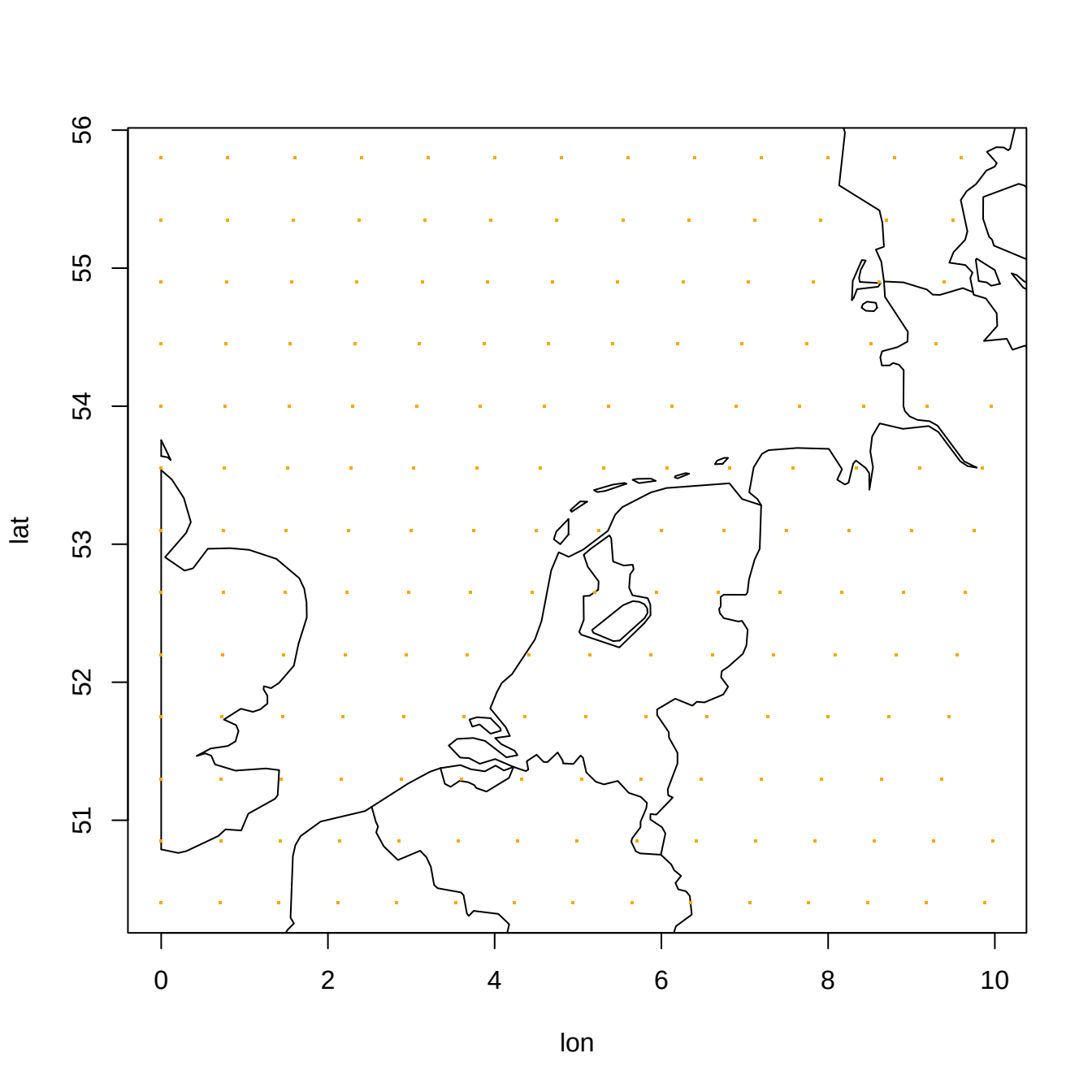
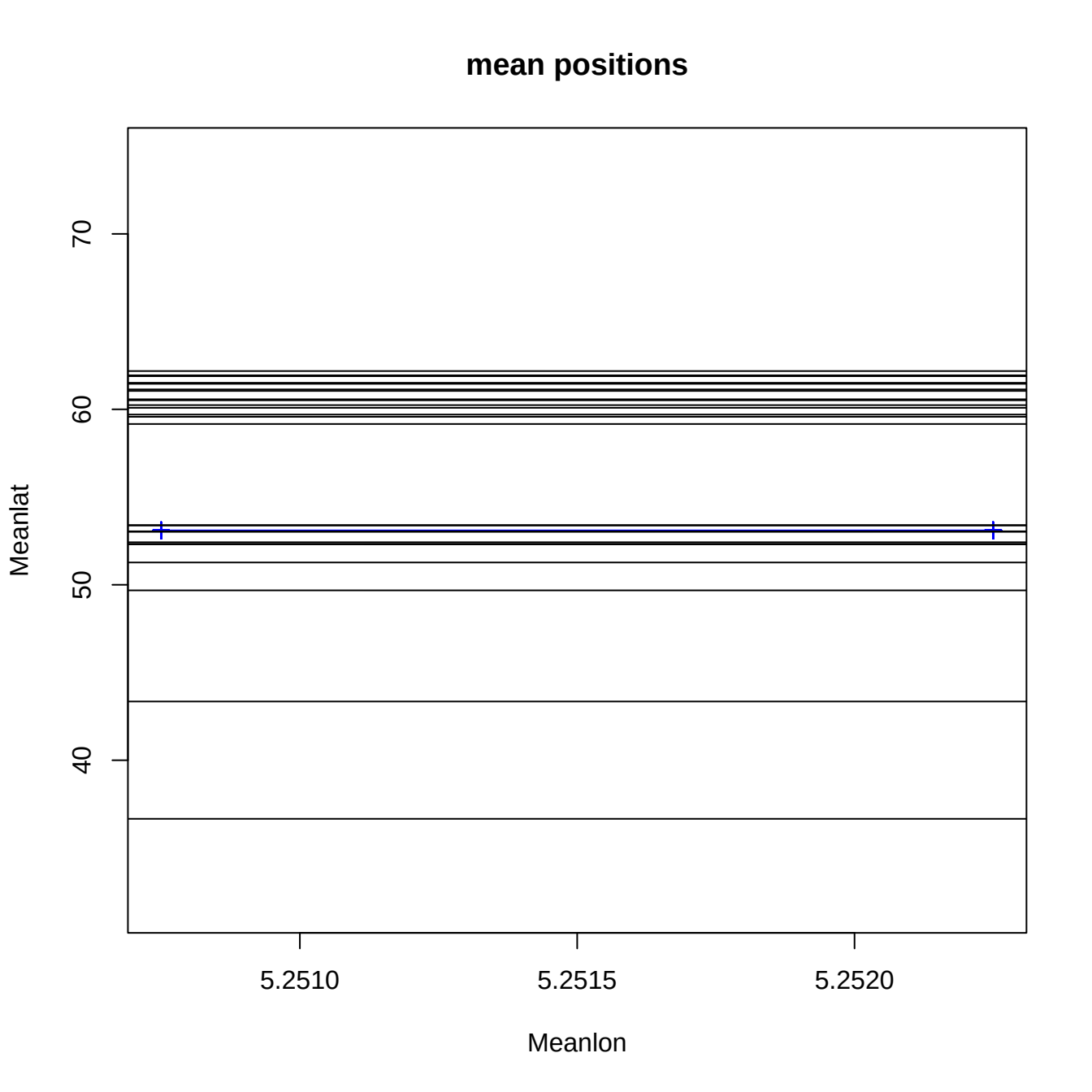
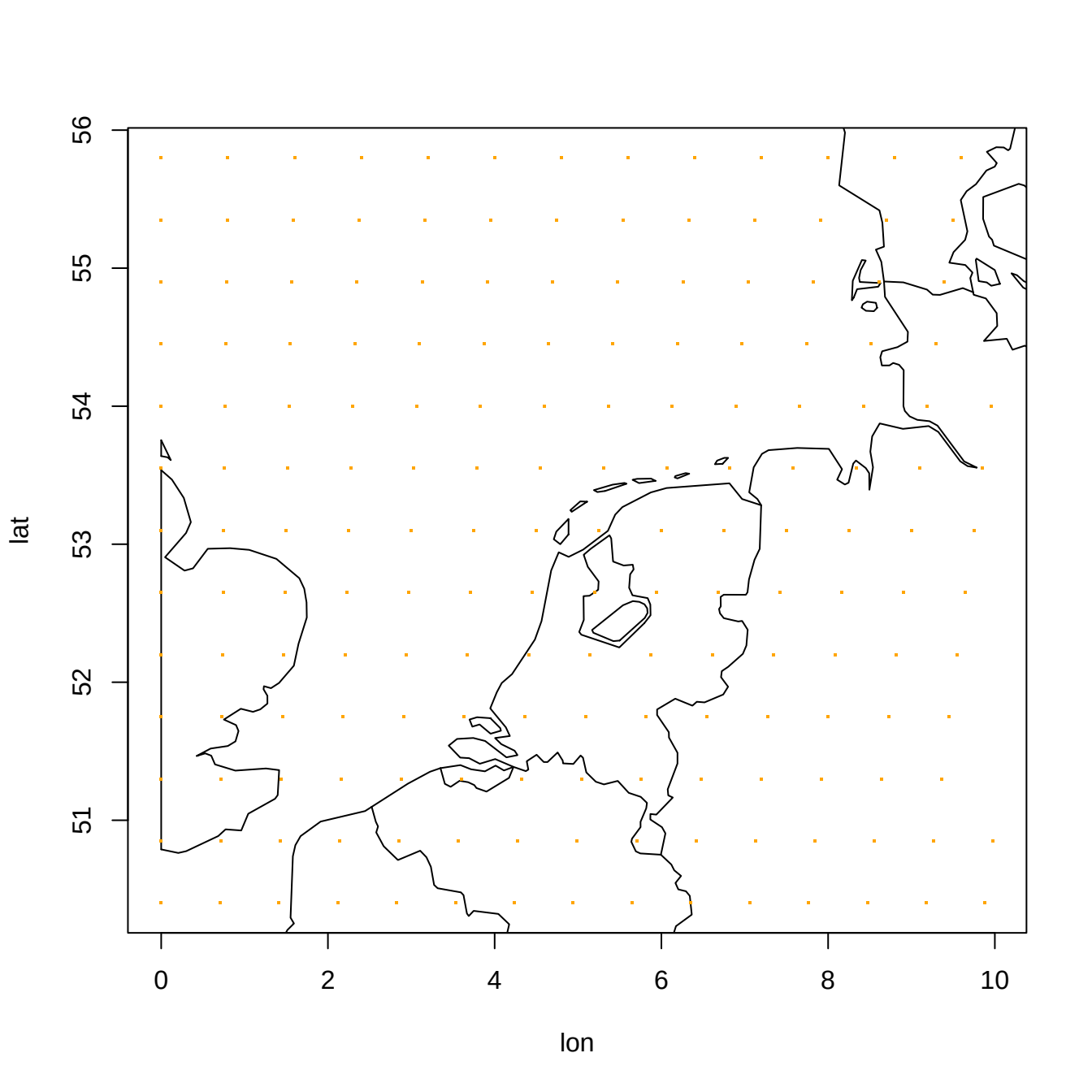
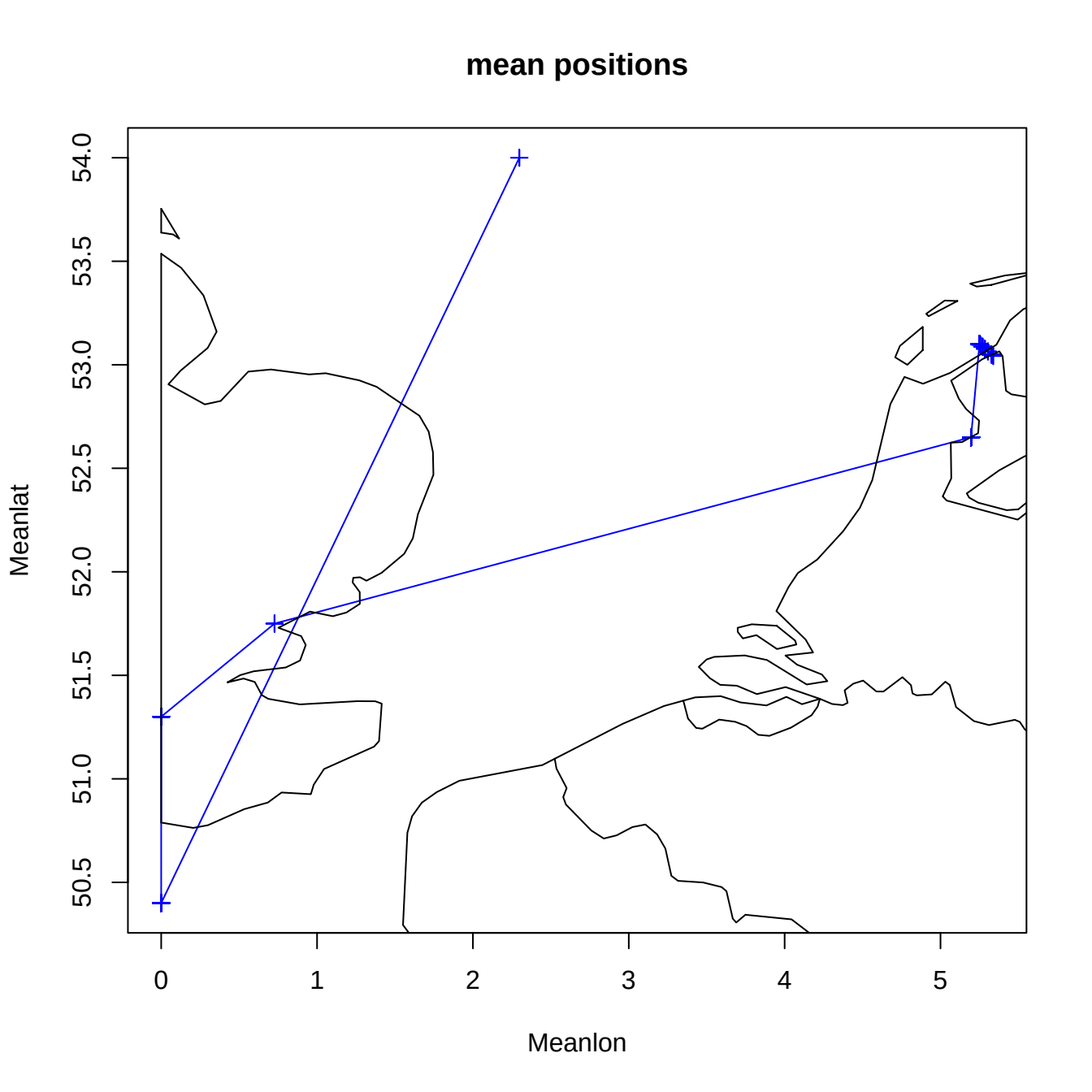
55
54
53
52
51
0
2
4
6
8
10
lon

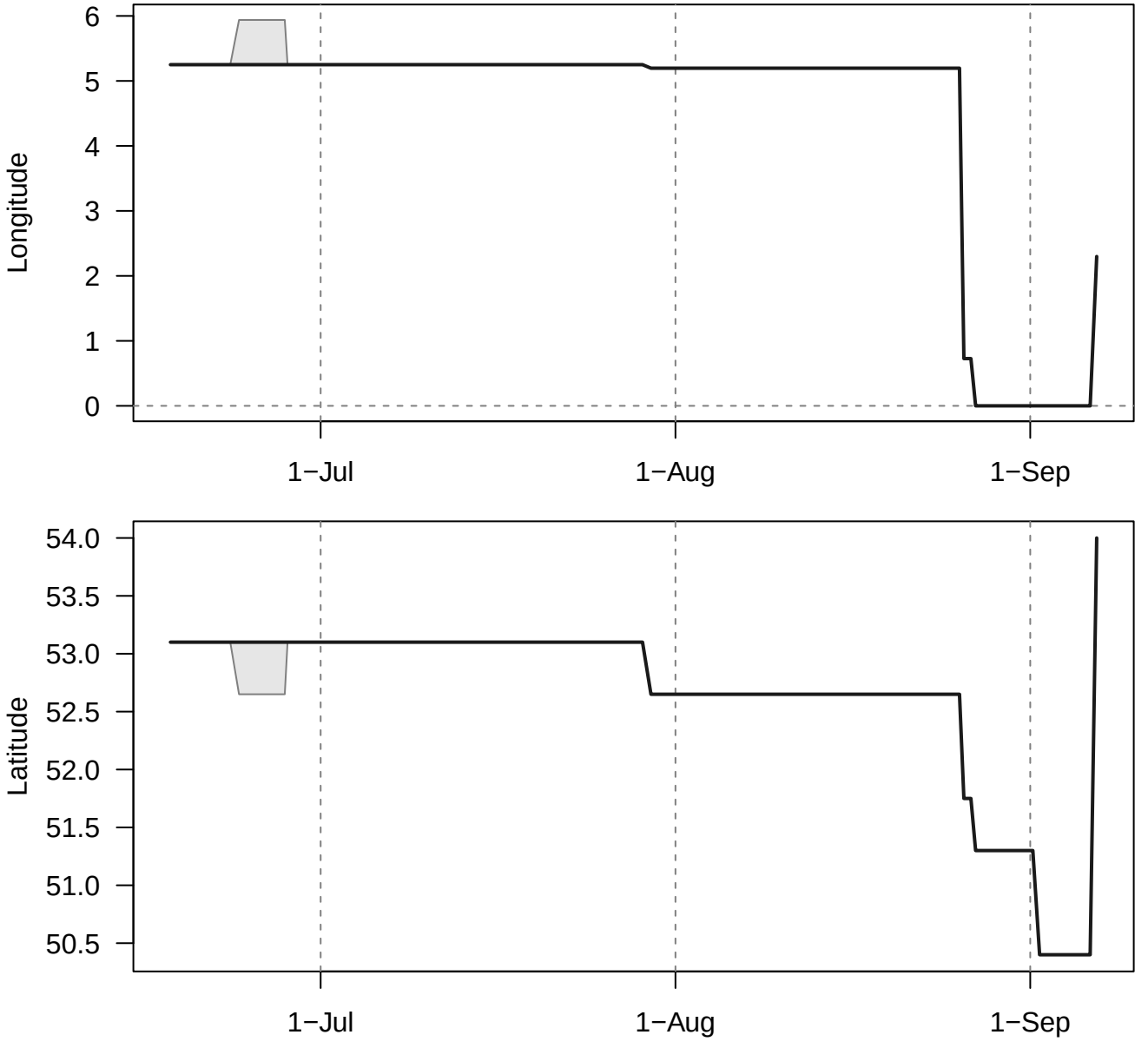

mean positions
Meanlat
53.1000
53.0995
53.0990
53.0985
53.0980
5.24975
5.24980
5.24985
5.24990
5.24995
5.25000
Meanlon

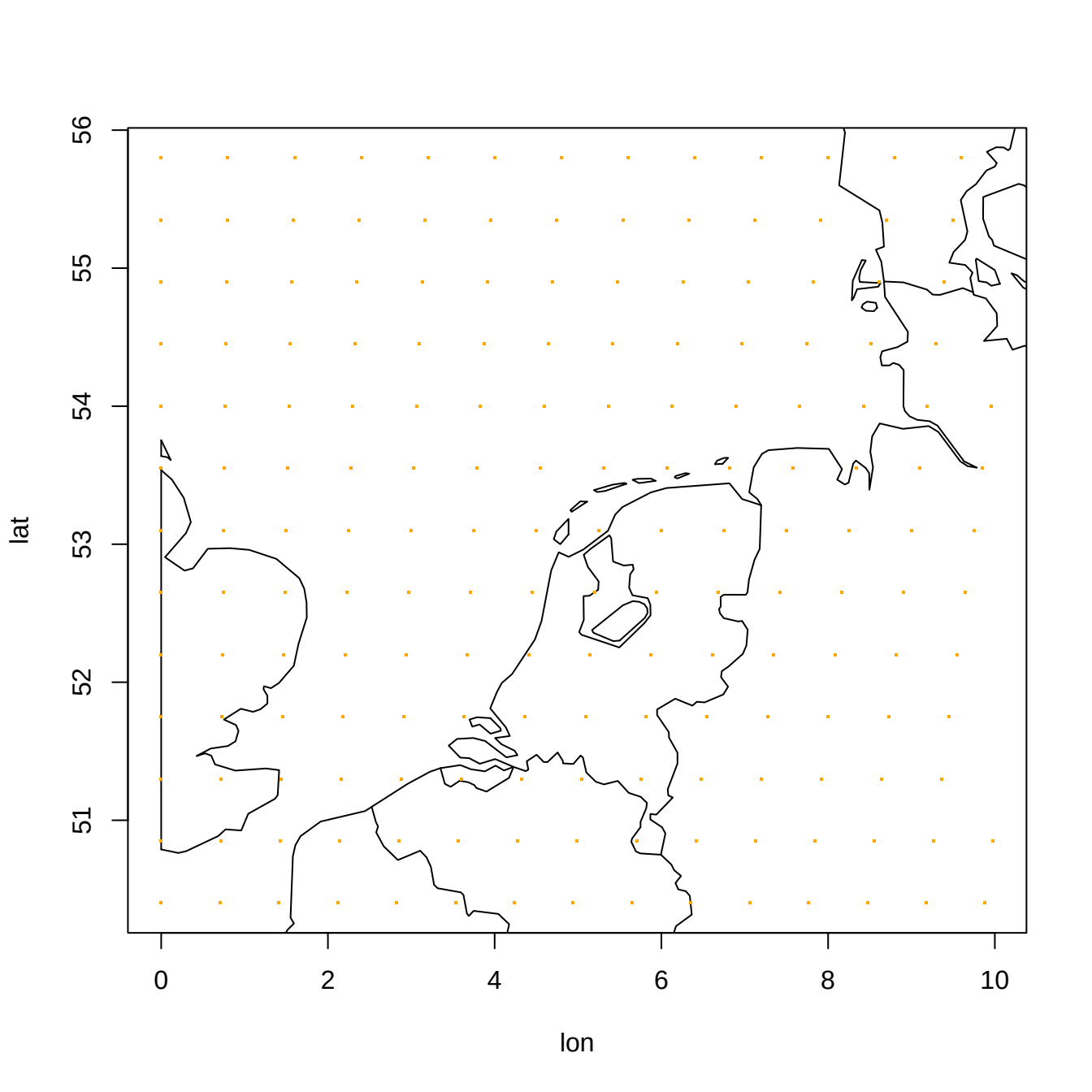

lat
56
55
54
53
52
51
0
2
4
6
8
10
lon

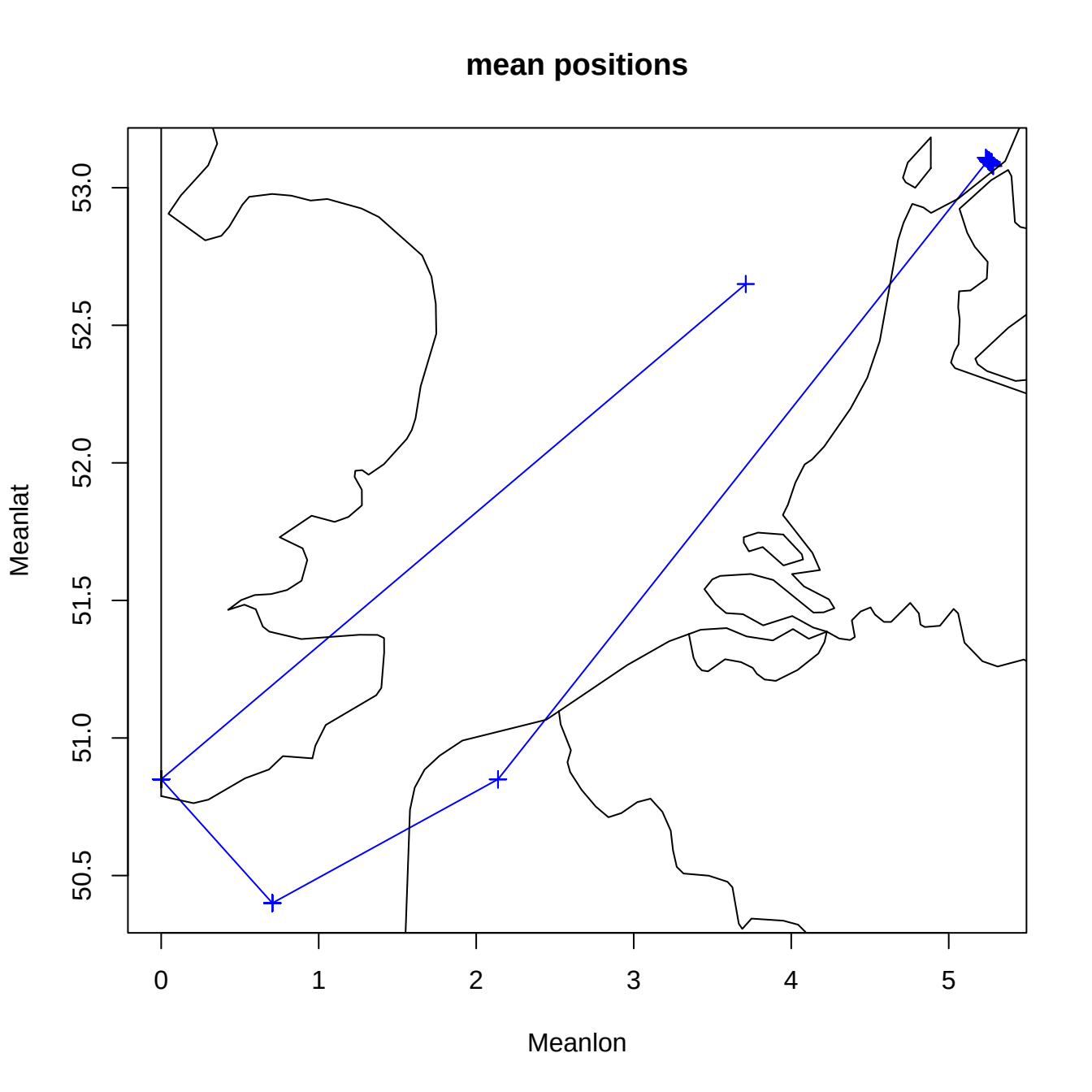

mean positions
Meanlat
70
60
50
40
5.2510
5.2515
5.2520
Meanlon

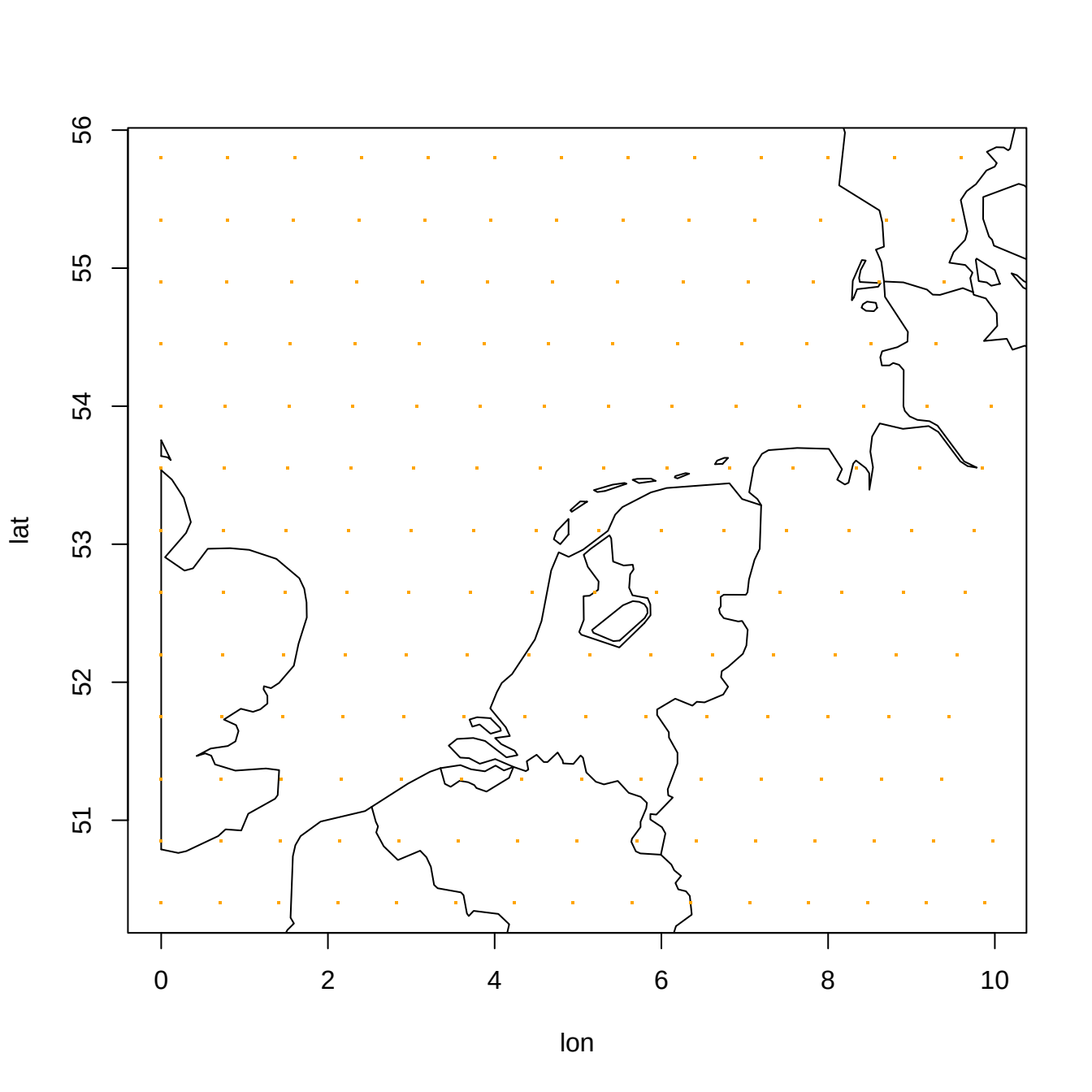

lat
56
55
54
53
52
51
0
2
4
6
8
10
lon

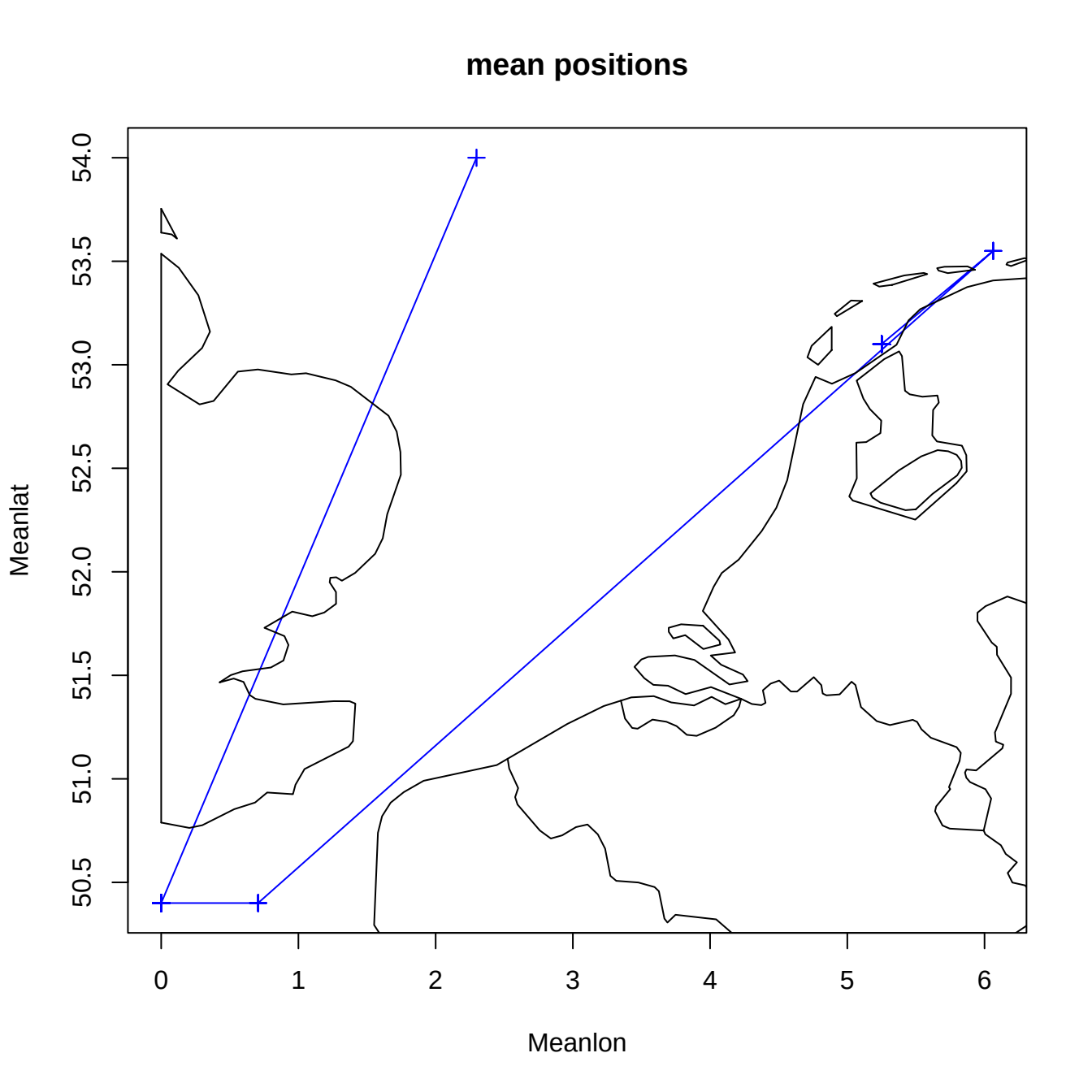

mean positions
Meanlat
Meanlon
54.0
53.5
53.0
52.5
52.0
51.5
51.0
50.5
0
1
2
3
4
5

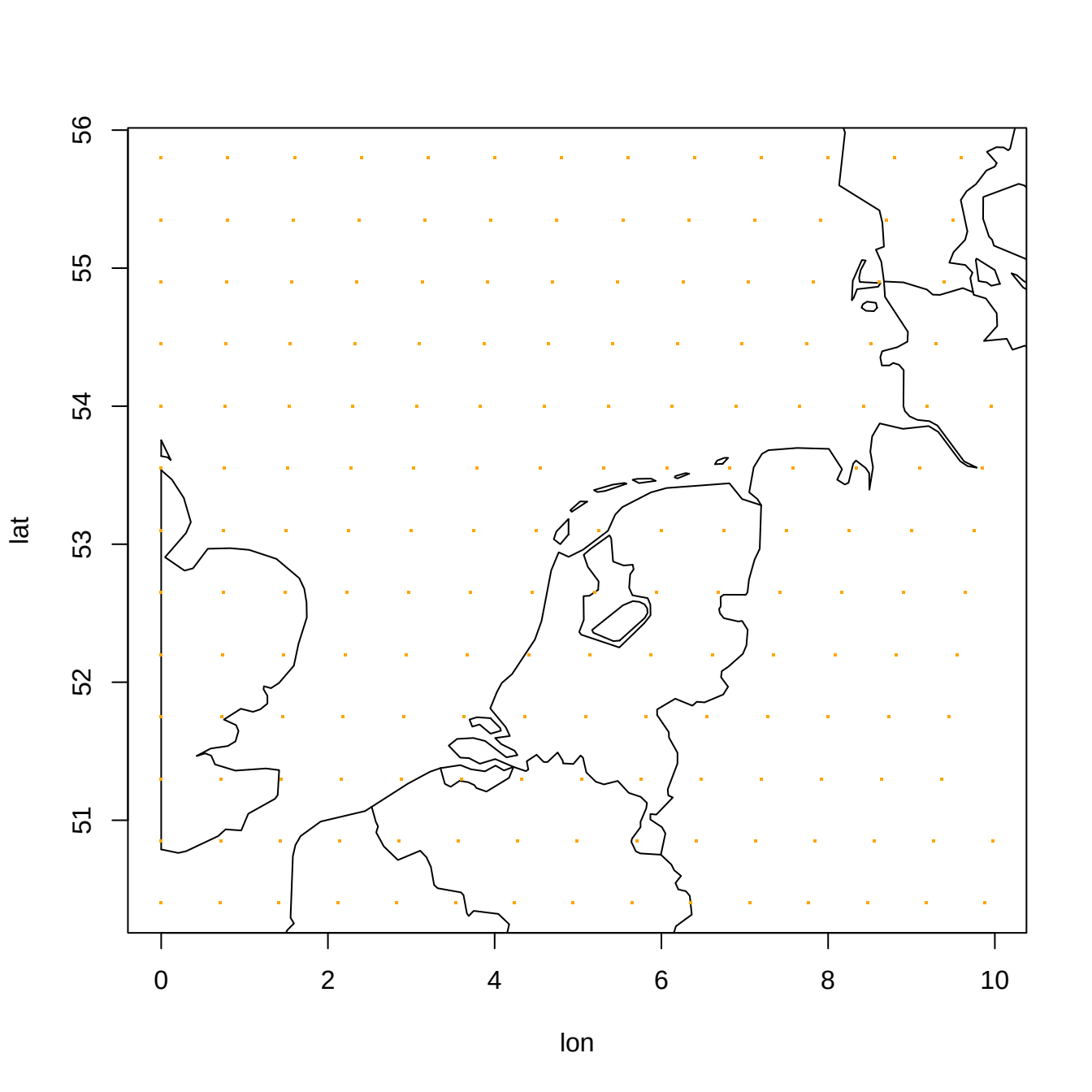

Longitude
6
5
4
3
2
1
0
1−Jul
1−Aug
1−Sep
Latitude
54.0
53.5
53.0
52.5
52.0
51.5
51.0
50.5
1−Jul
1−Aug
1−Sep


lat
56
55
54
53
52
51
0
2
4
6
8
10
lon


mean positions
Meanlat
Meanlon
53.0
52.5
52.0
51.5
51.0
50.5
0
1
2
3
4
5


lat
56
55
54
53
52
51
0
2
4
6
8
10
lon


mean positions
Meanlat
Meanlon
54.0
53.5
53.0
52.5
52.0
51.5
51.0
50.5
0
1
2
3
4
5
6


lat
56
55
54
53
52
51
0
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4
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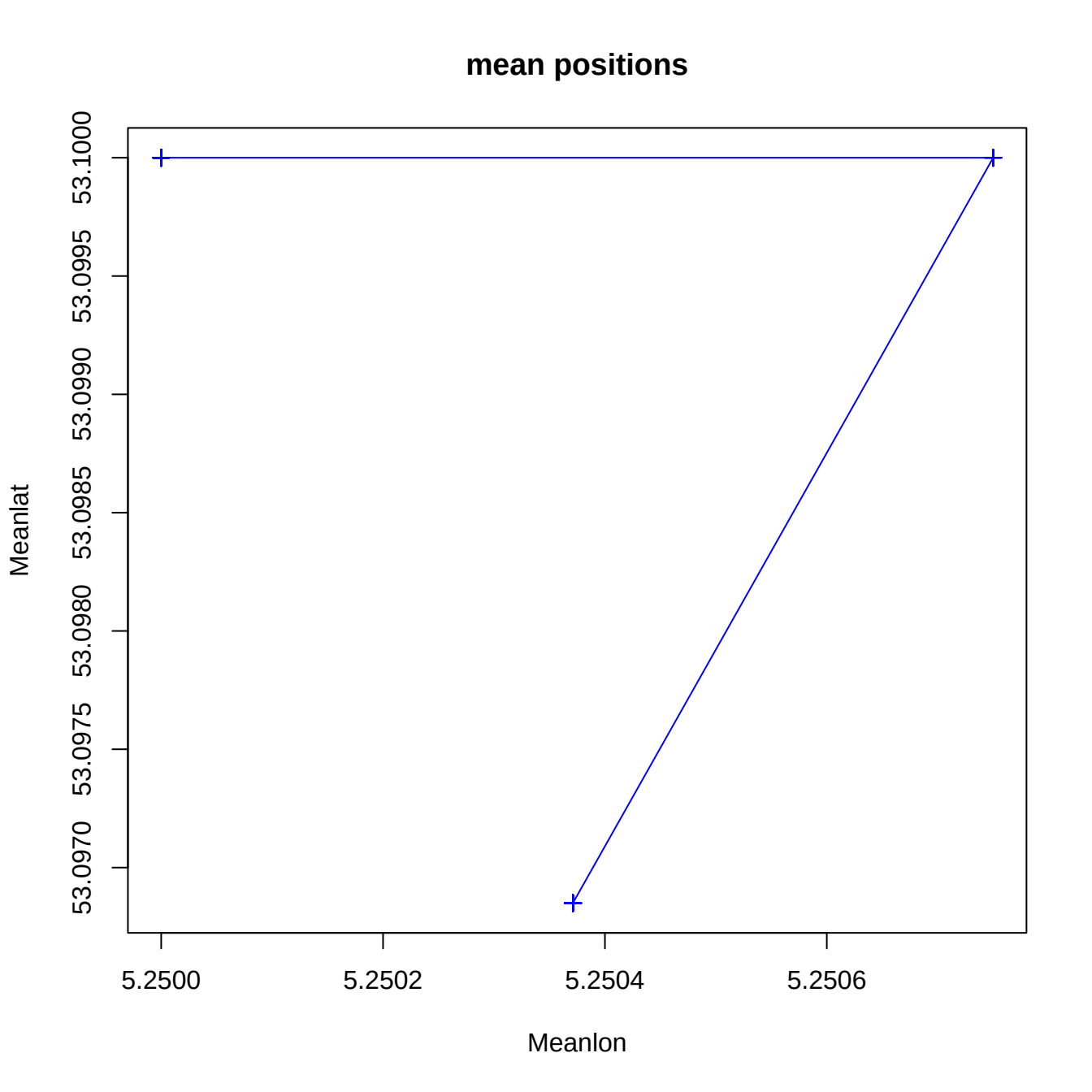
8
10
lon


mean positions
Meanlat
53.1000
53.0995
53.0990
53.0985
53.0980
53.0975
53.0970
5.2500
5.2502
5.2504
5.2506
Meanlon