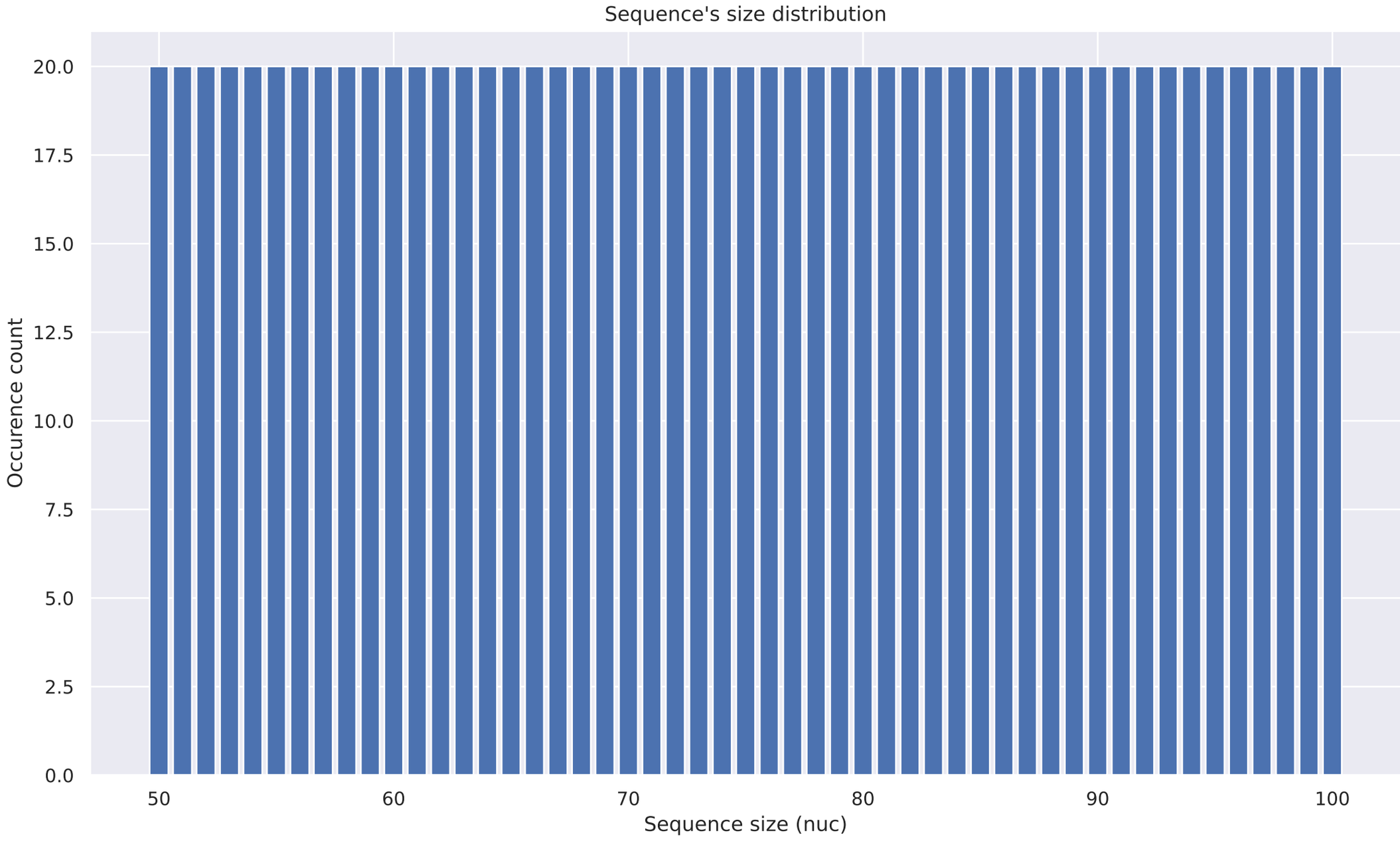
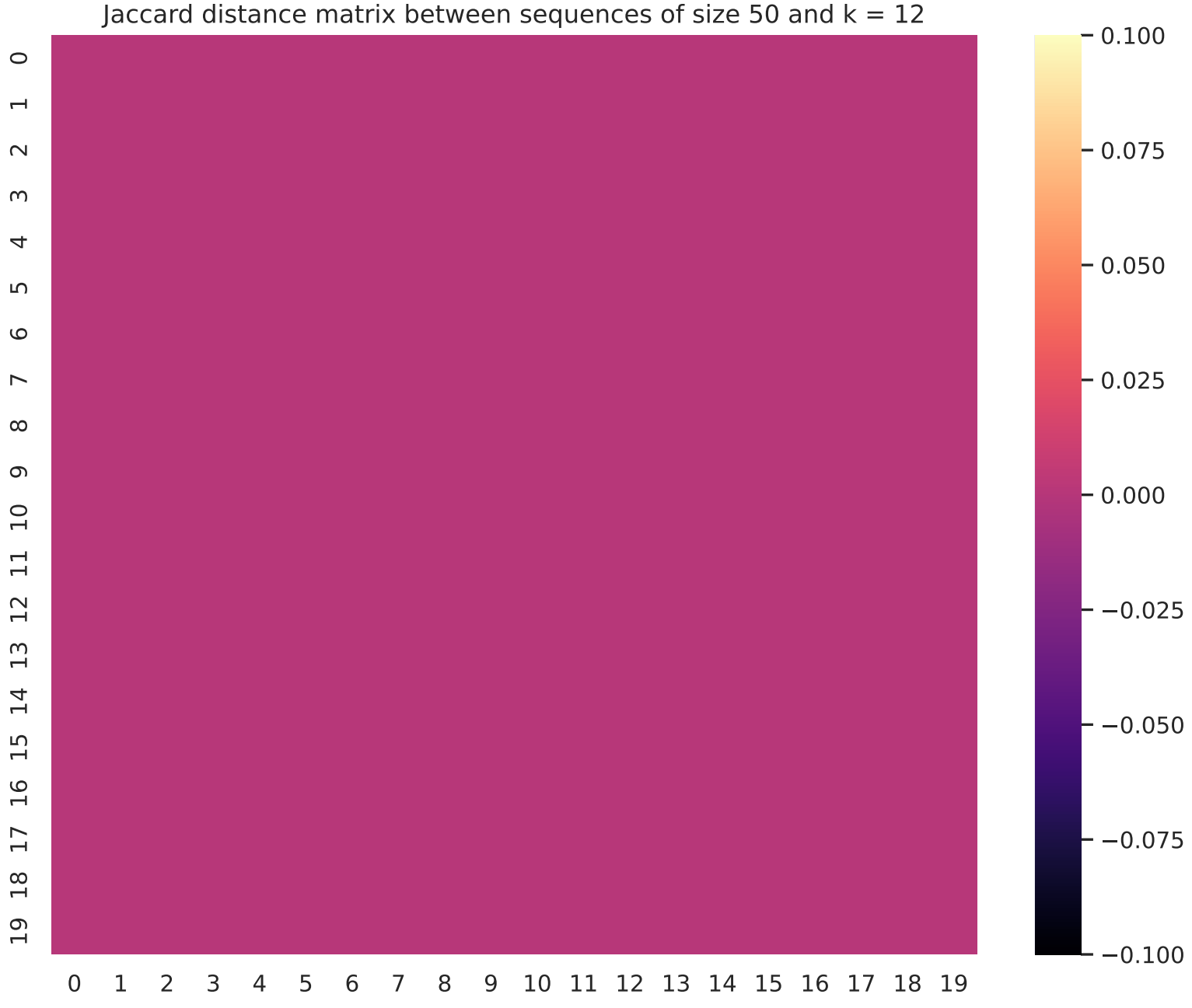
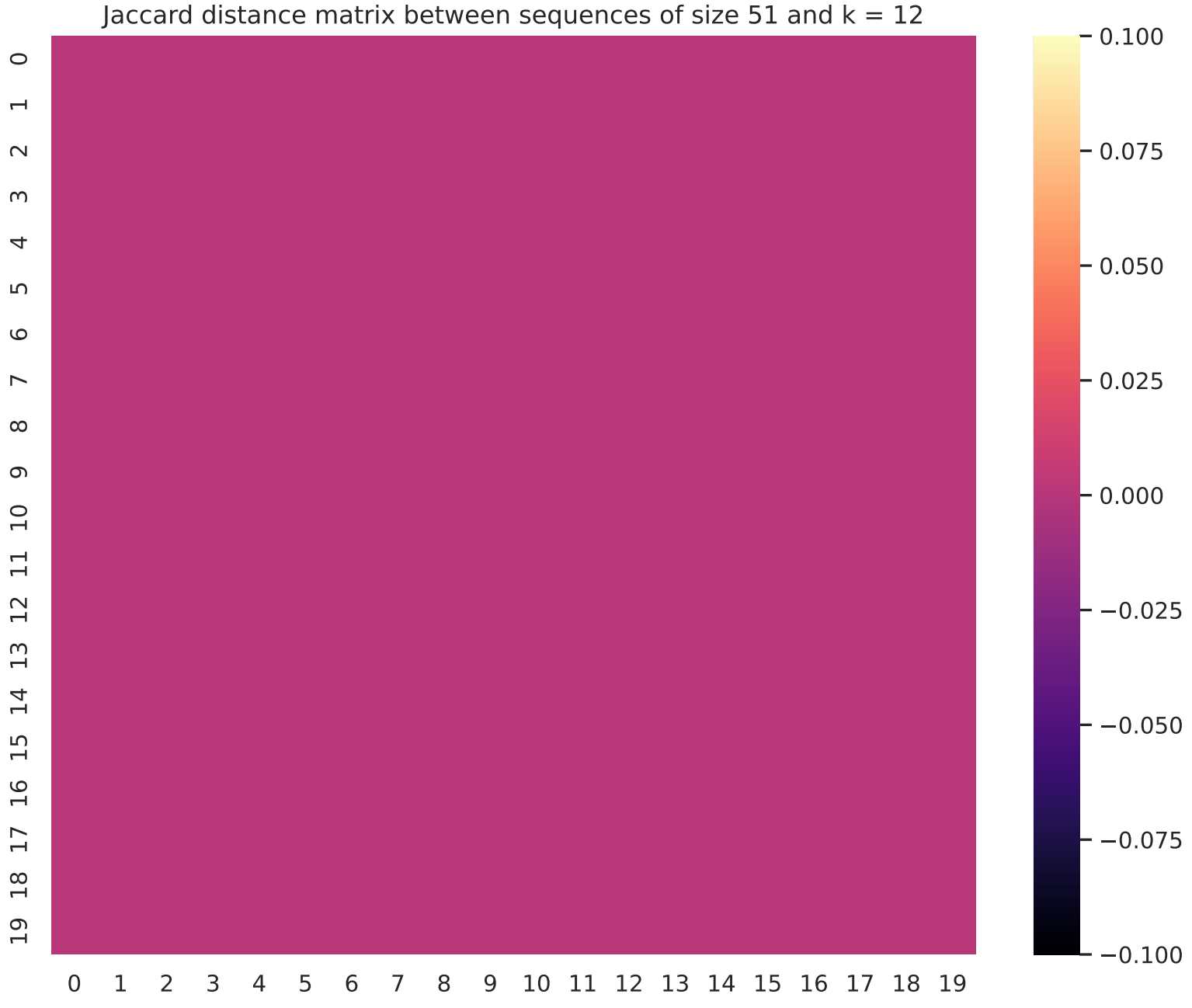
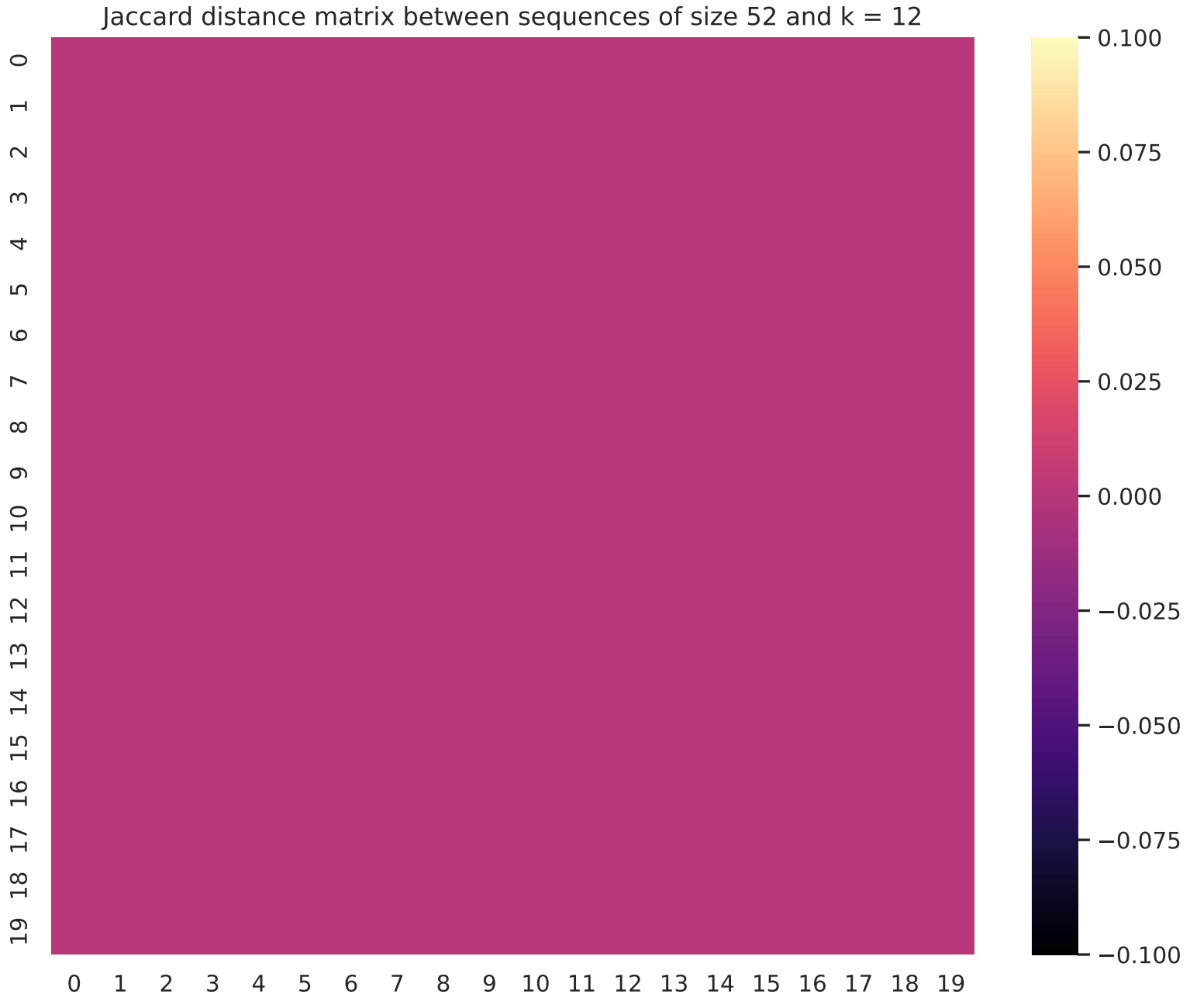
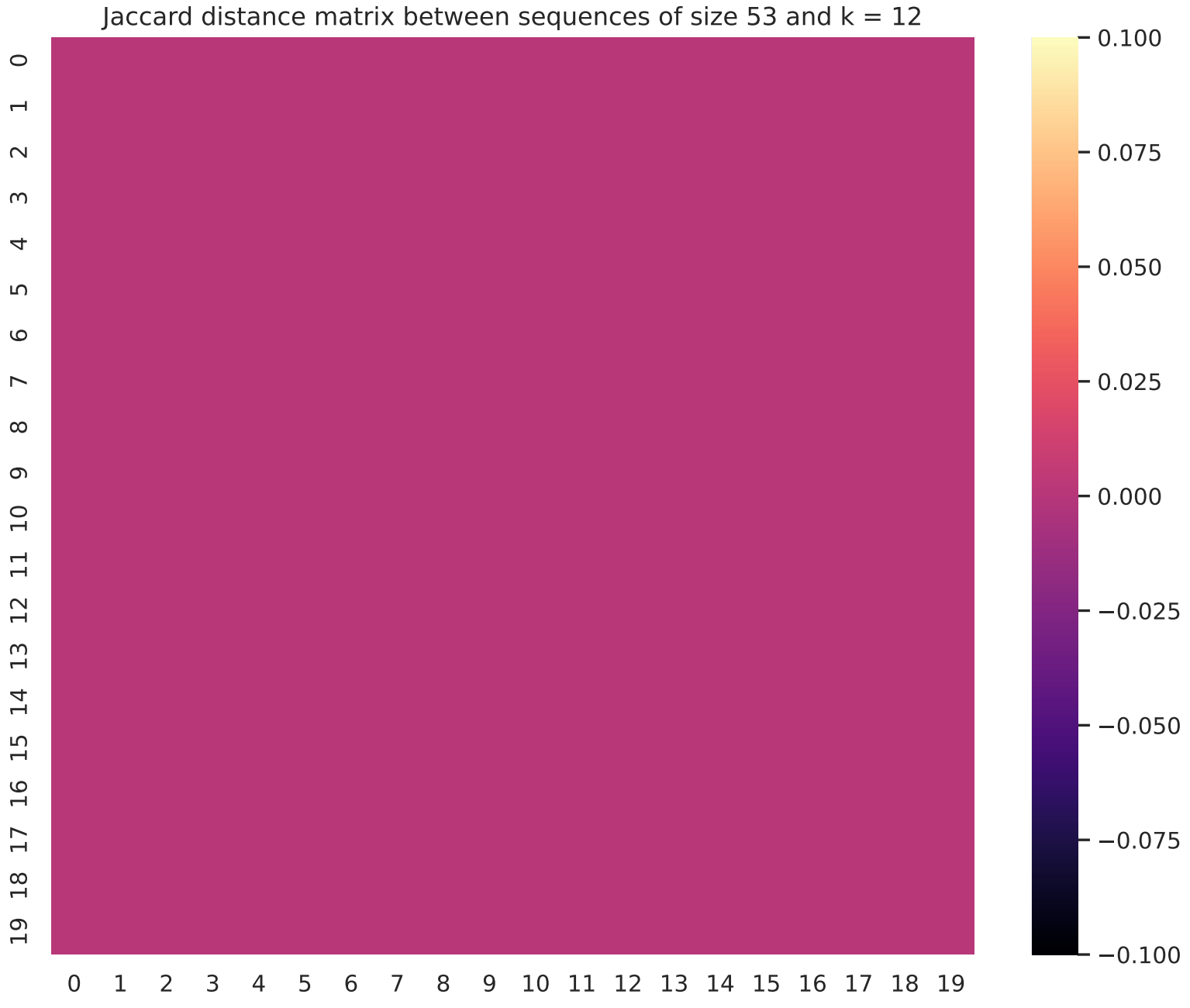
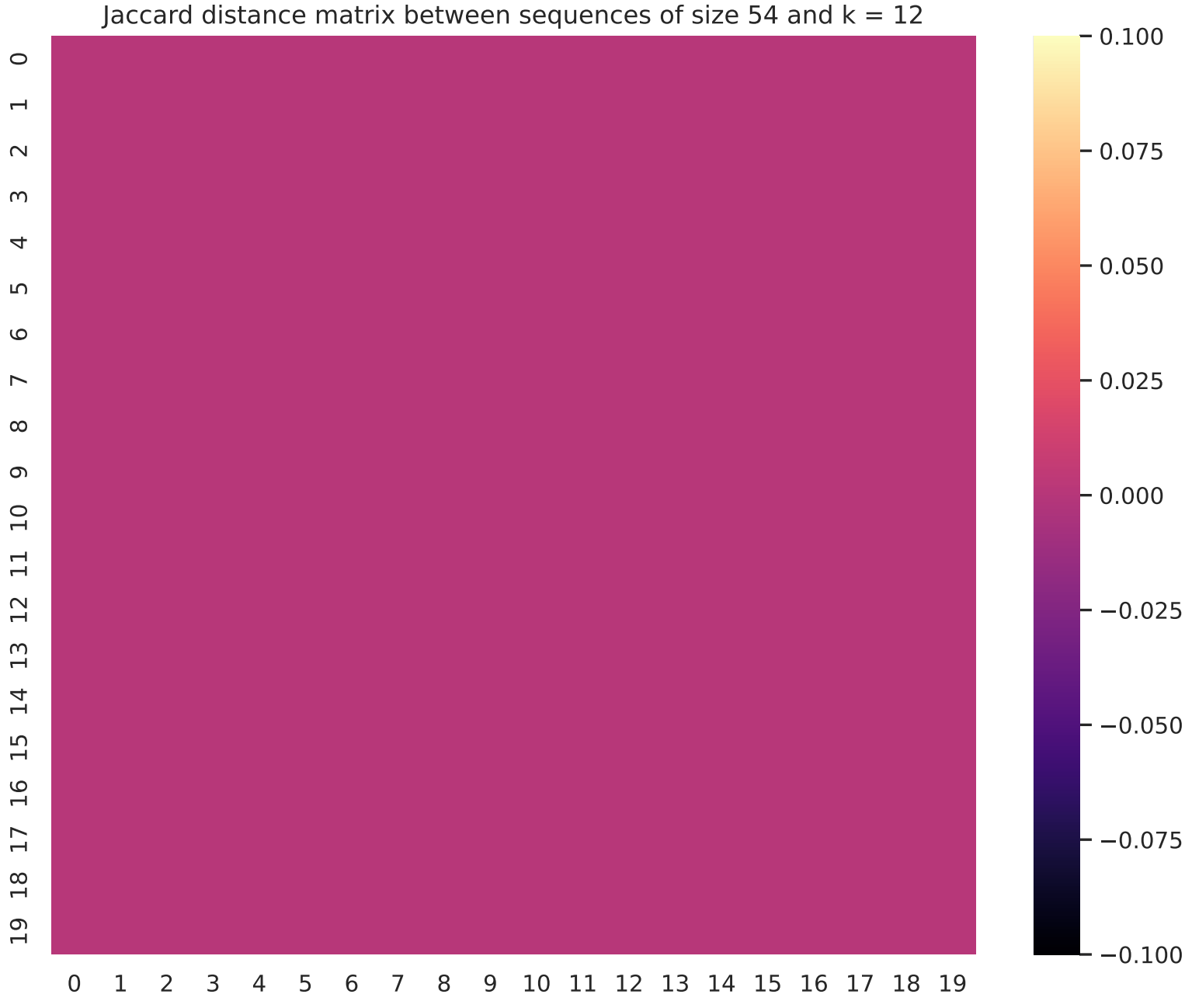

Sequence's size distribution
Occurence count
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
50
60
70
80
90
100
Sequence size (nuc)

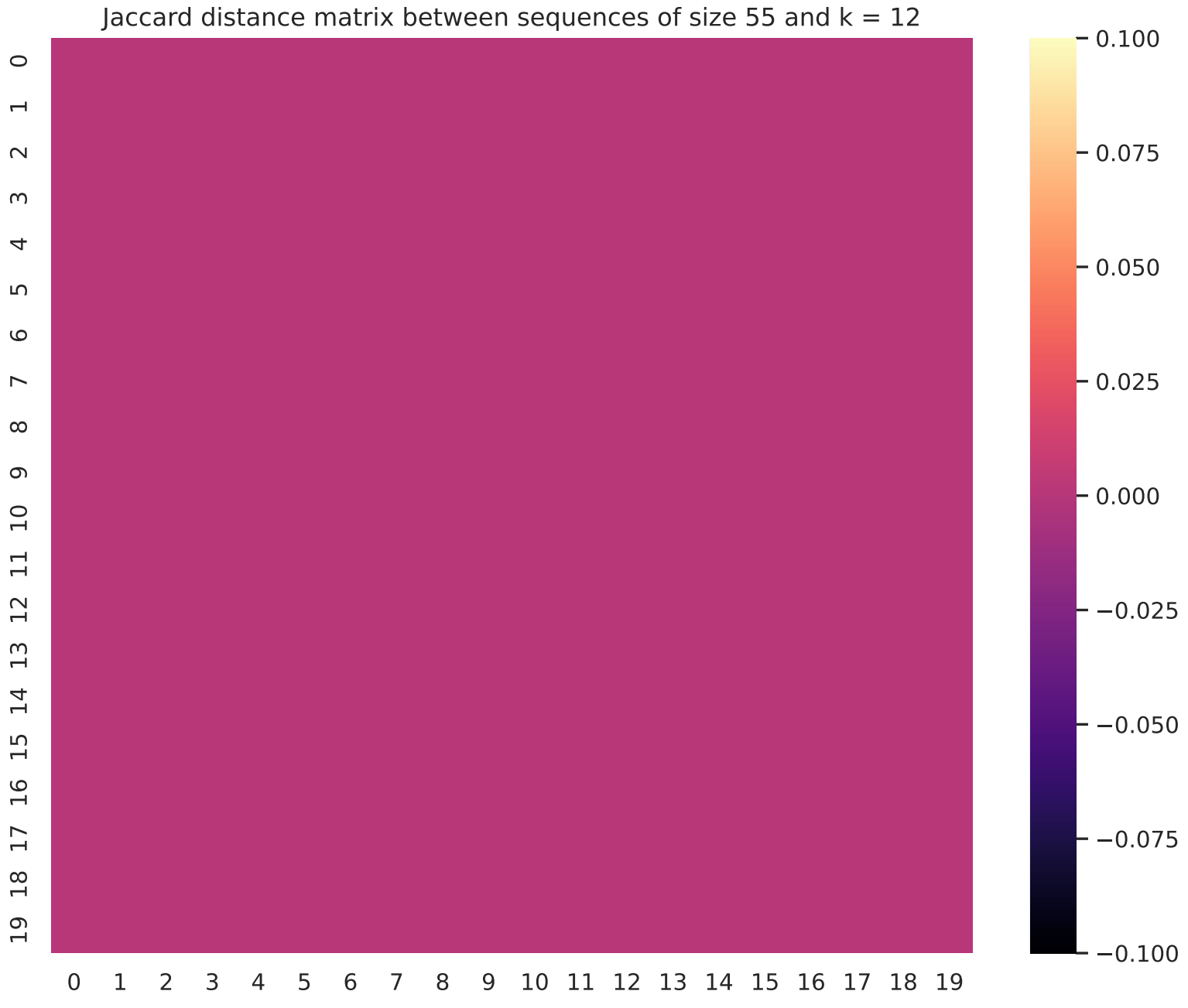

Jaccard distance matrix between sequences of size 50 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

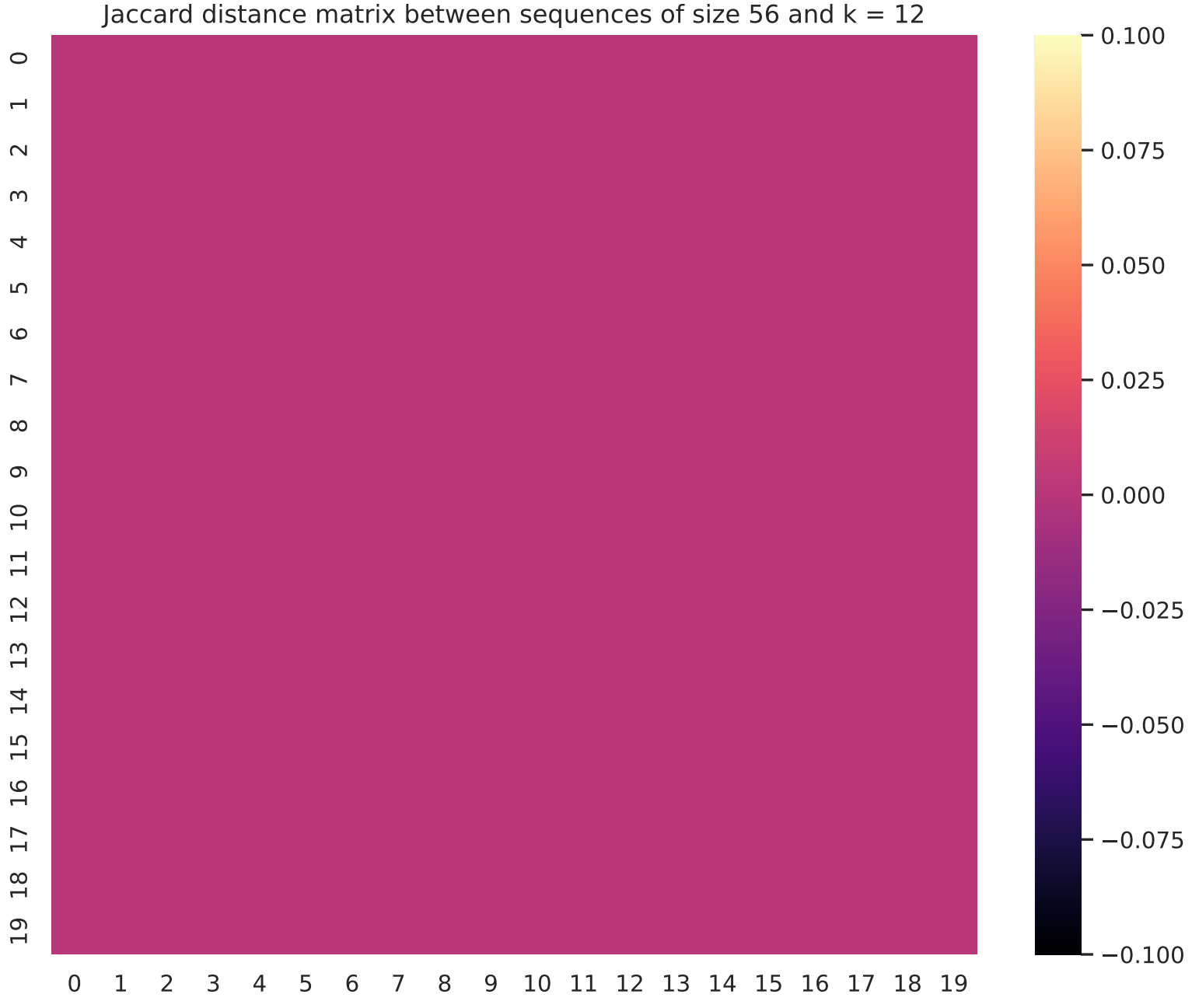

Jaccard distance matrix between sequences of size 51 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

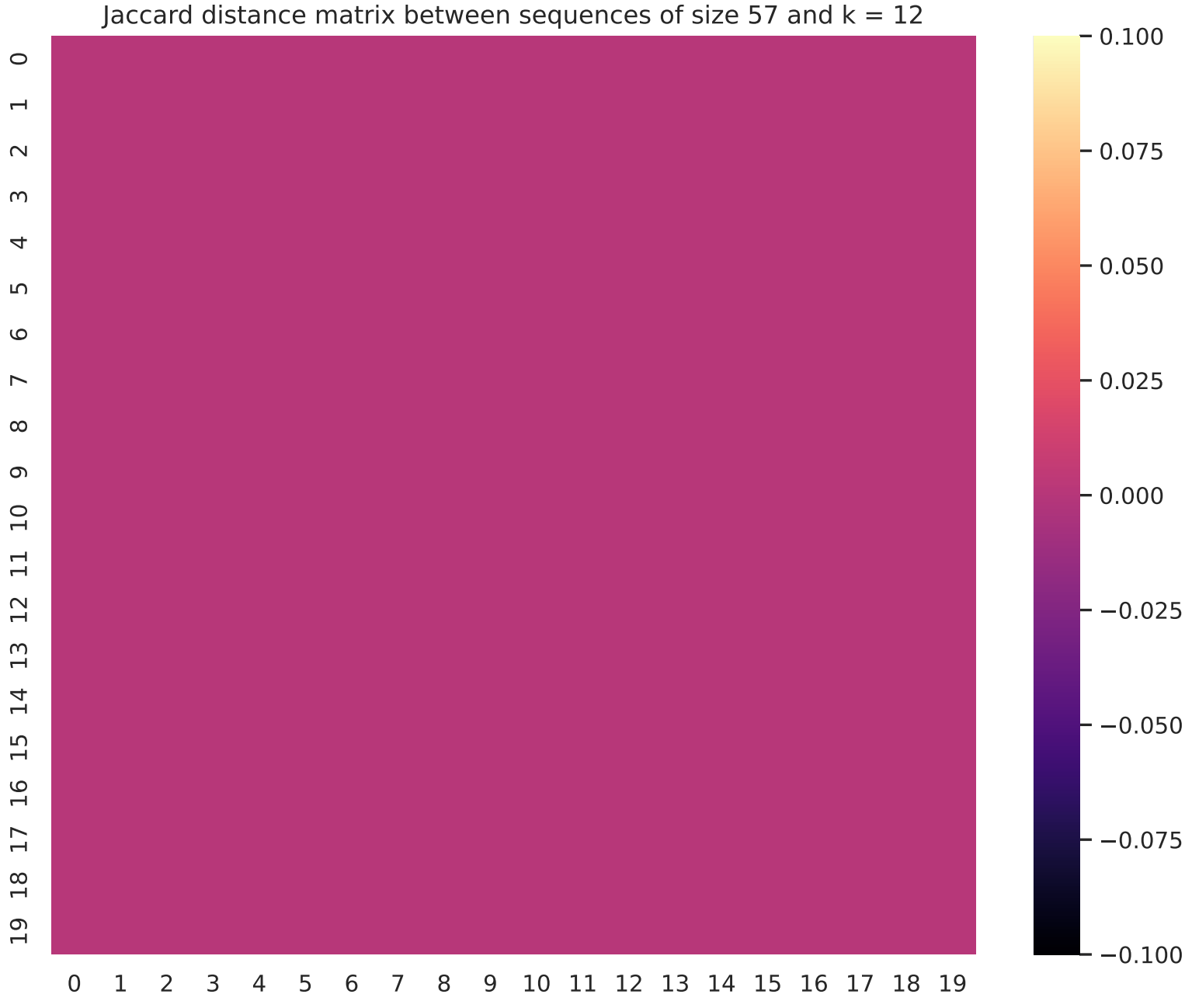

Jaccard distance matrix between sequences of size 52 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

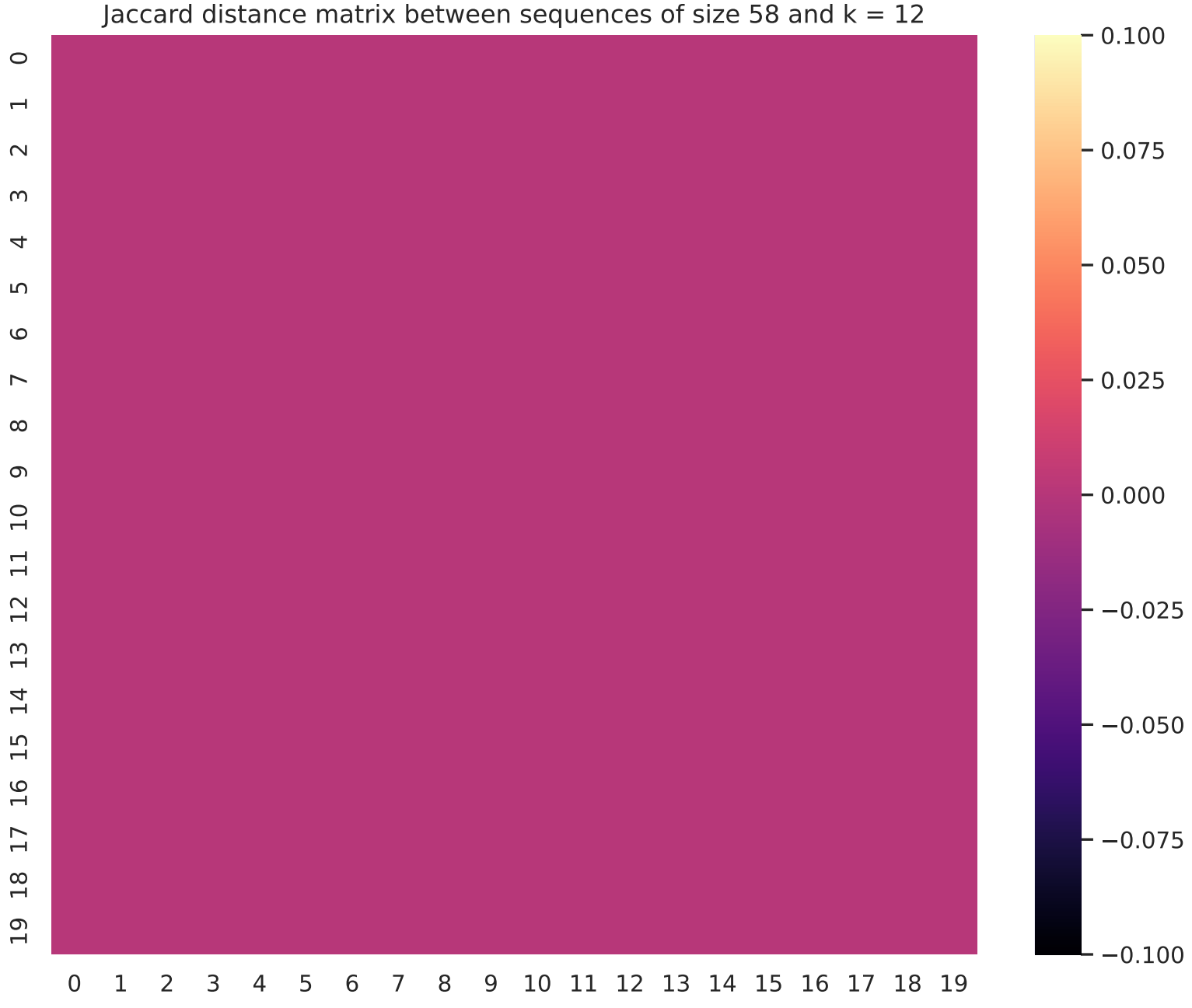

Jaccard distance matrix between sequences of size 53 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

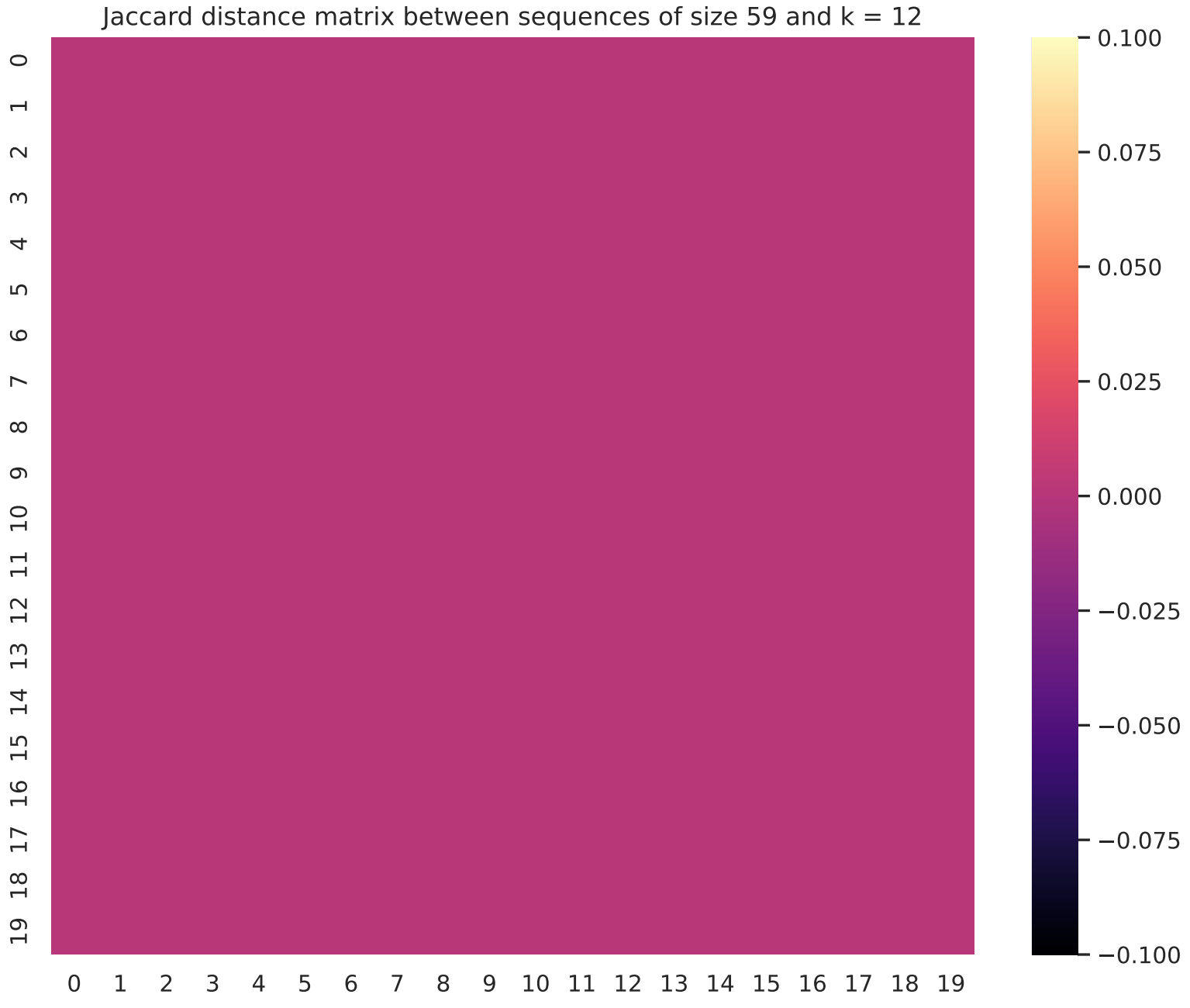

Jaccard distance matrix between sequences of size 54 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

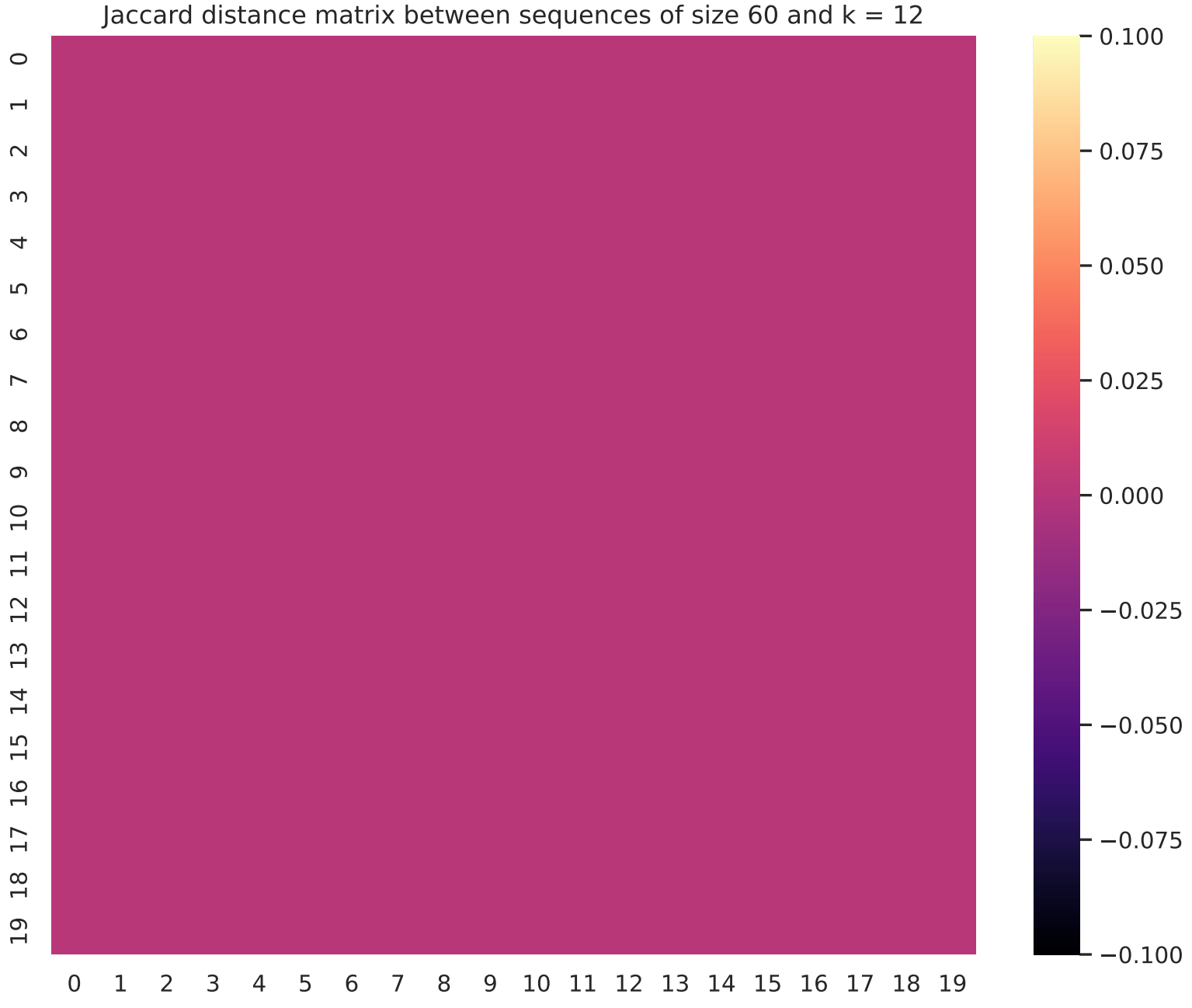

Jaccard distance matrix between sequences of size 55 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

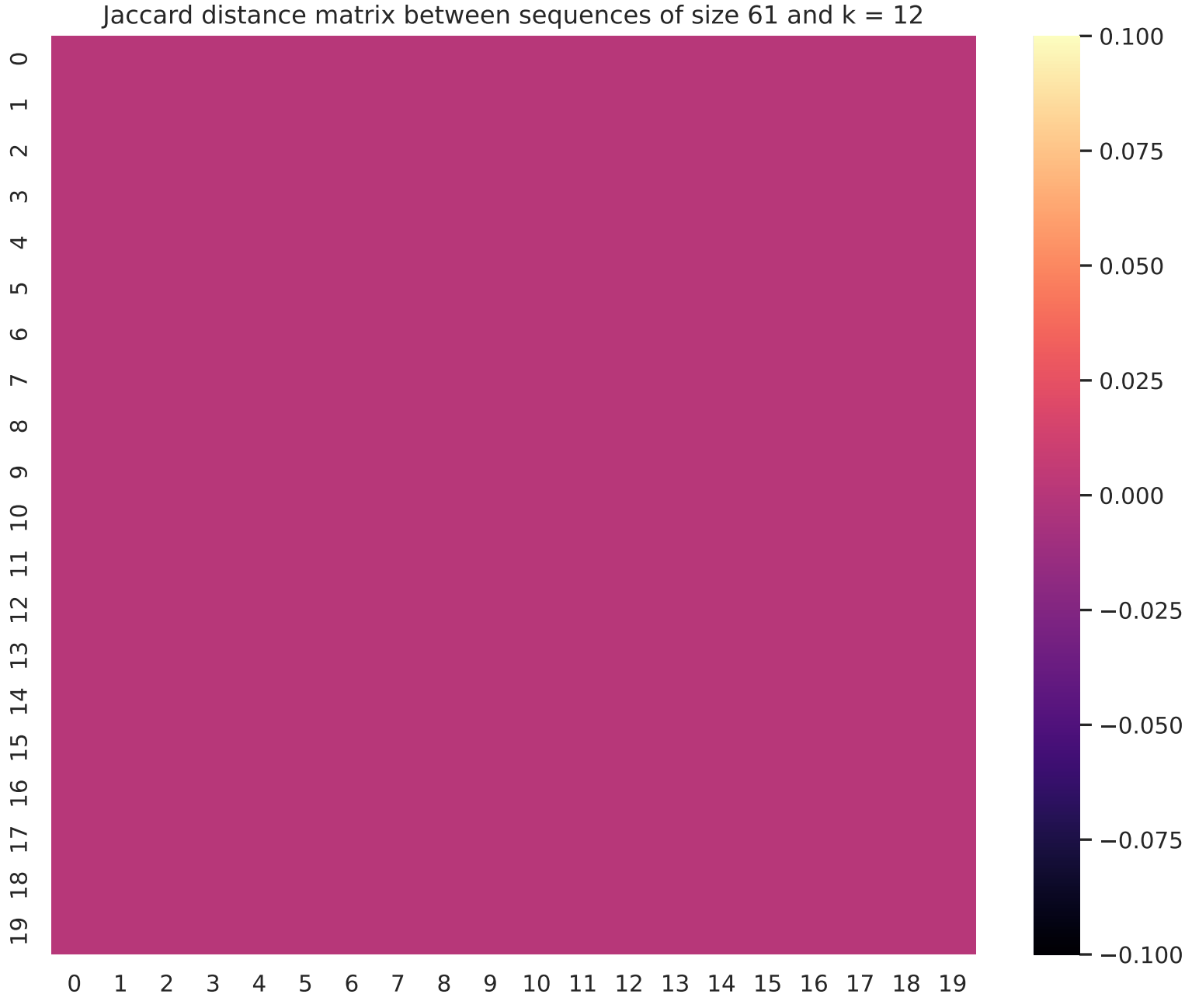

Jaccard distance matrix between sequences of size 56 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

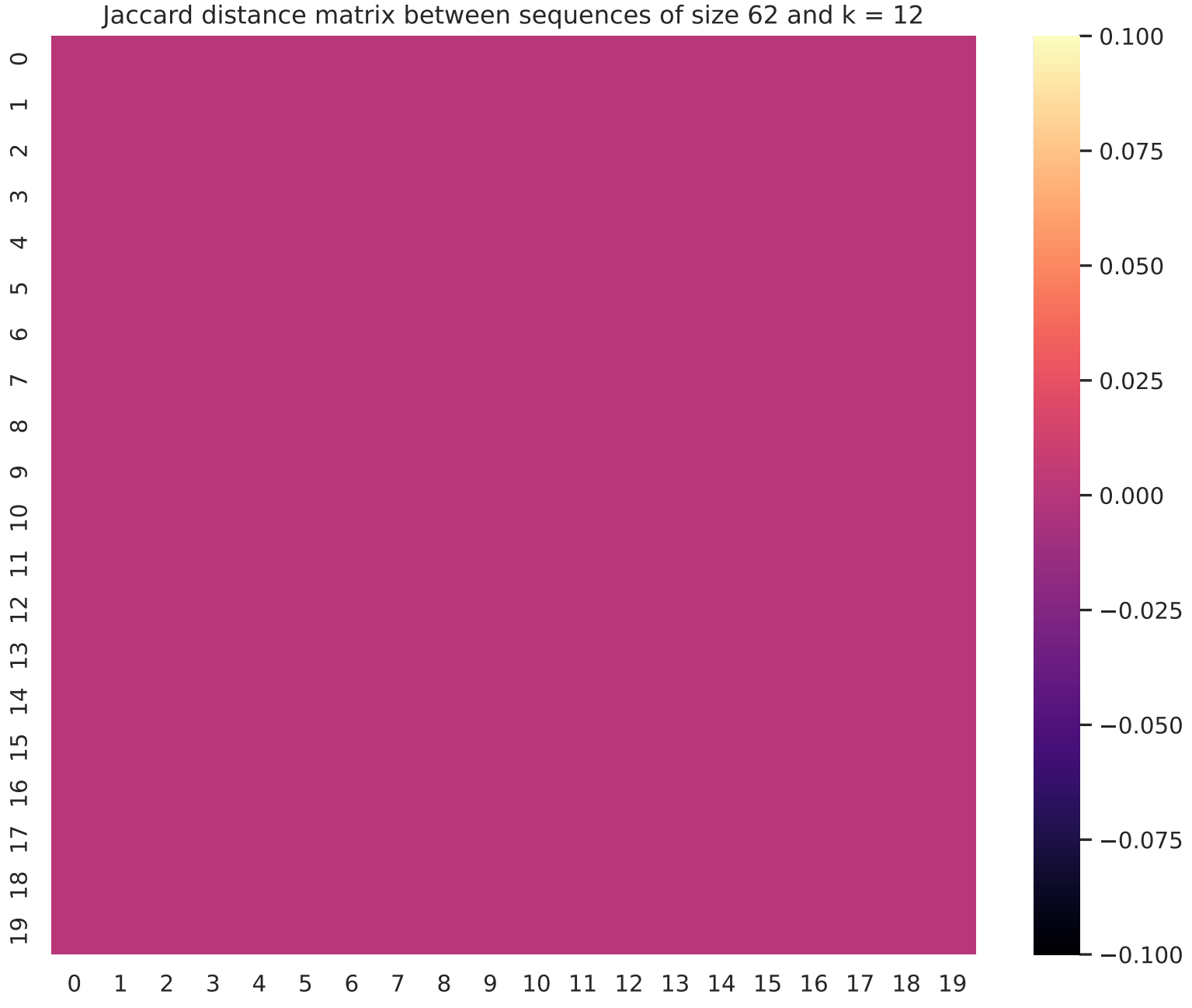

Jaccard distance matrix between sequences of size 57 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

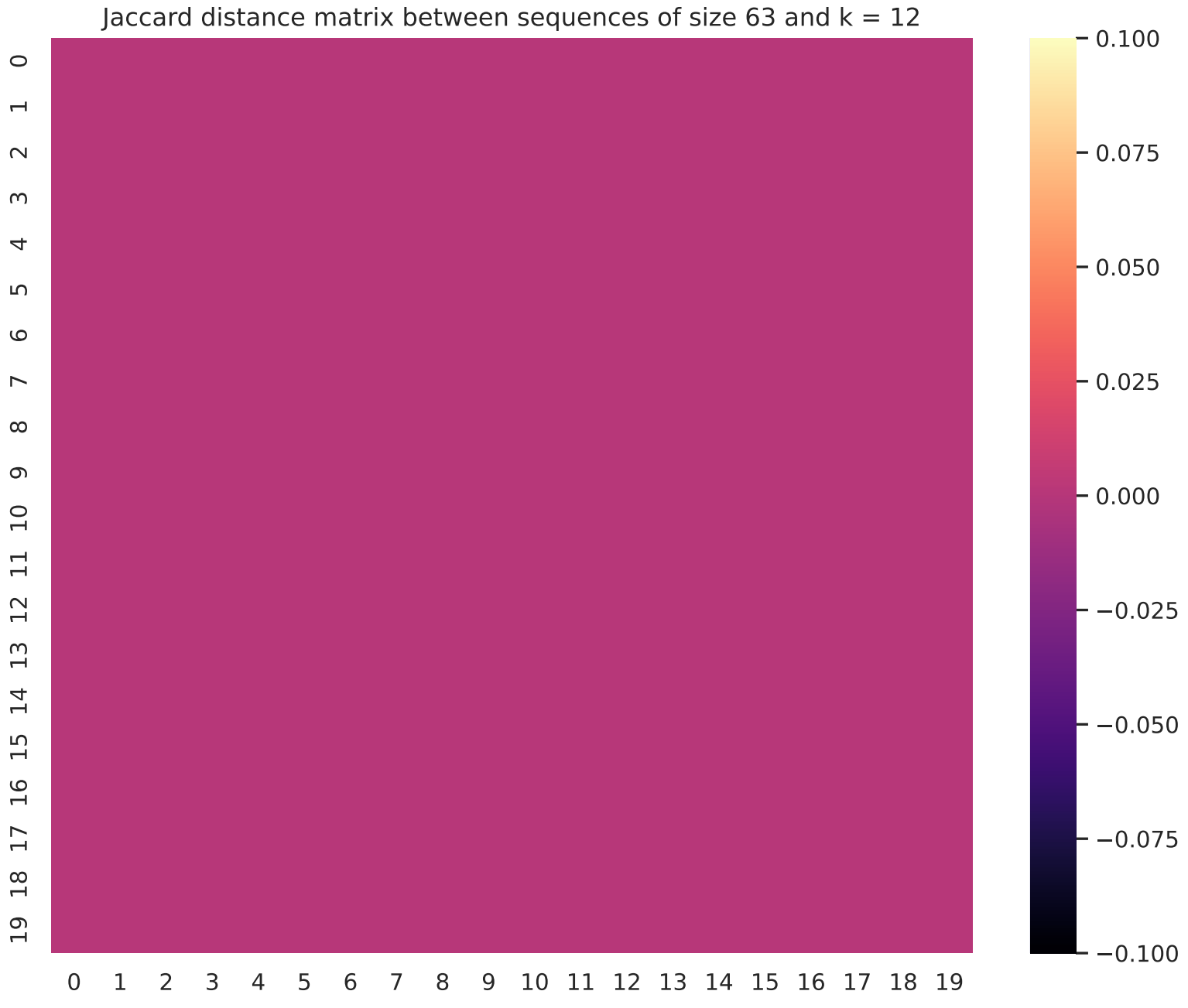

Jaccard distance matrix between sequences of size 58 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

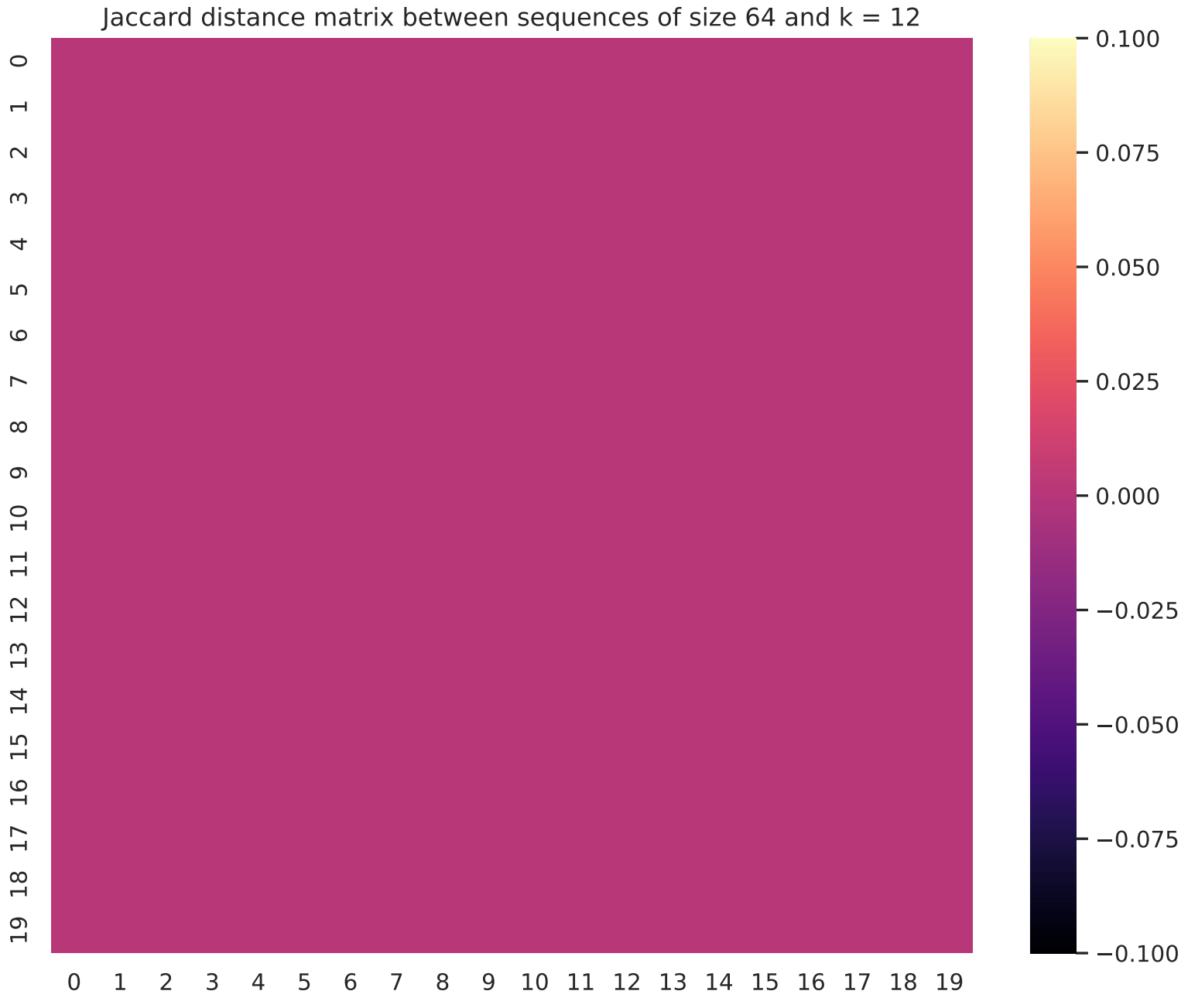

Jaccard distance matrix between sequences of size 59 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

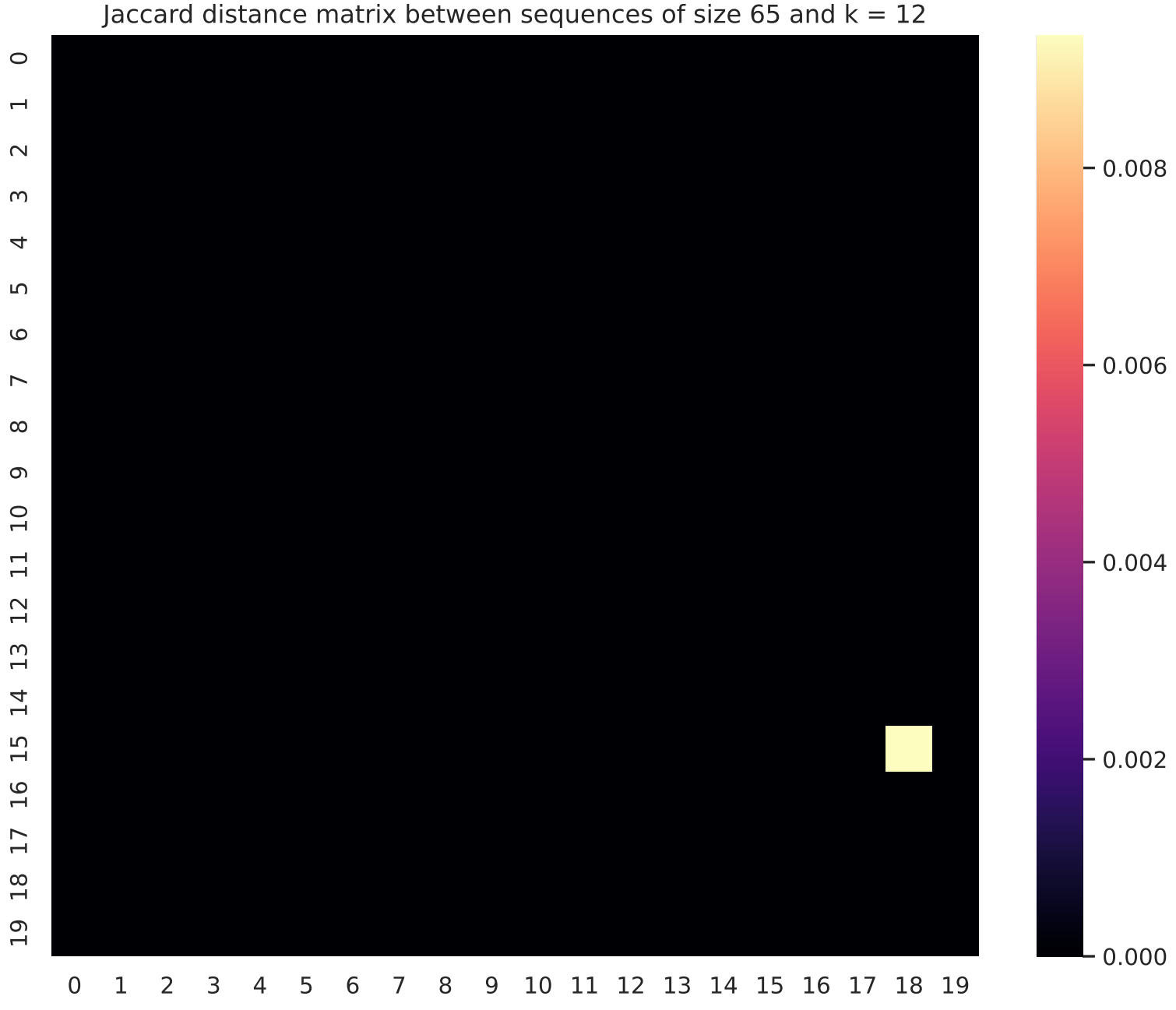

Jaccard distance matrix between sequences of size 60 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

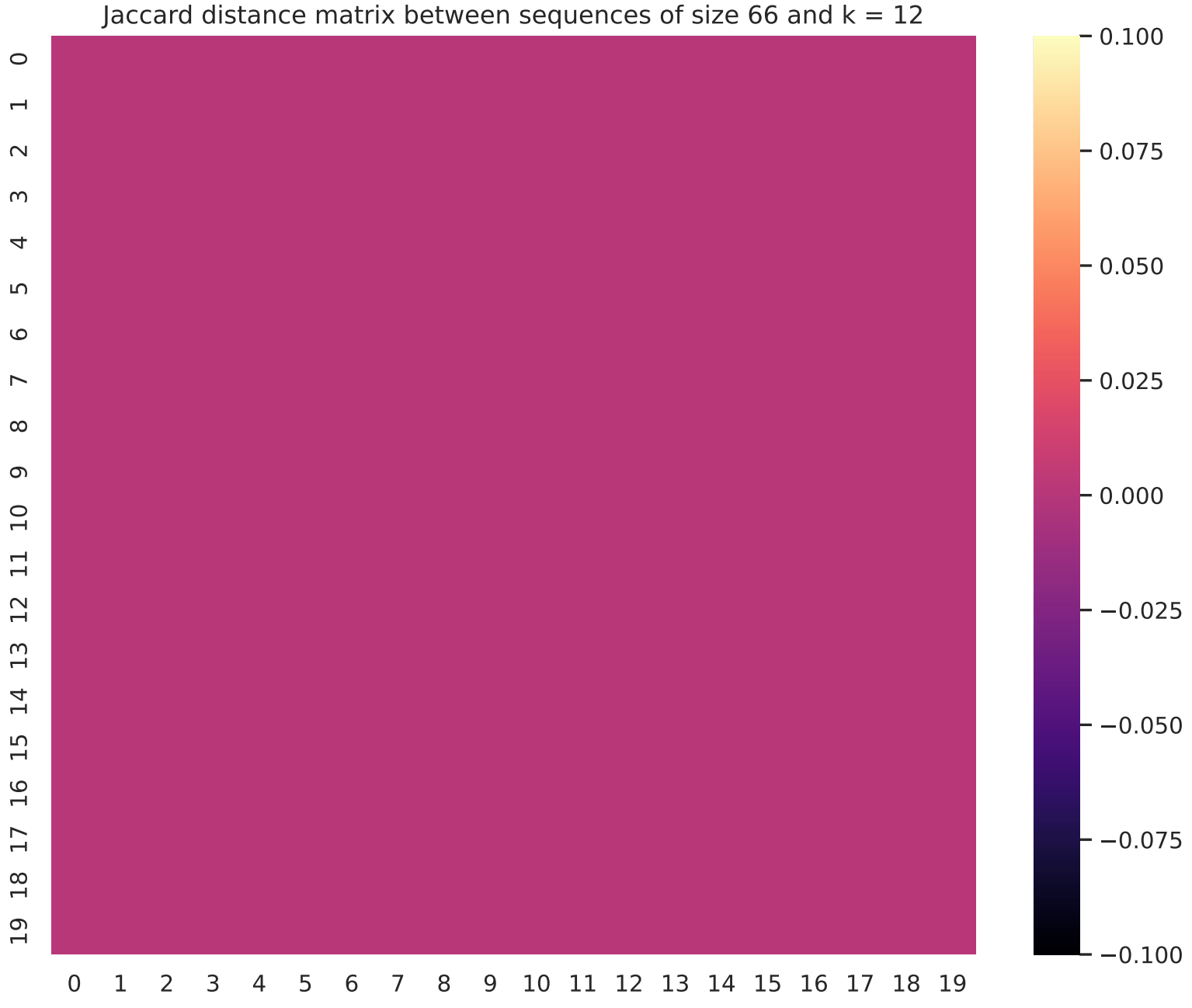

Jaccard distance matrix between sequences of size 61 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

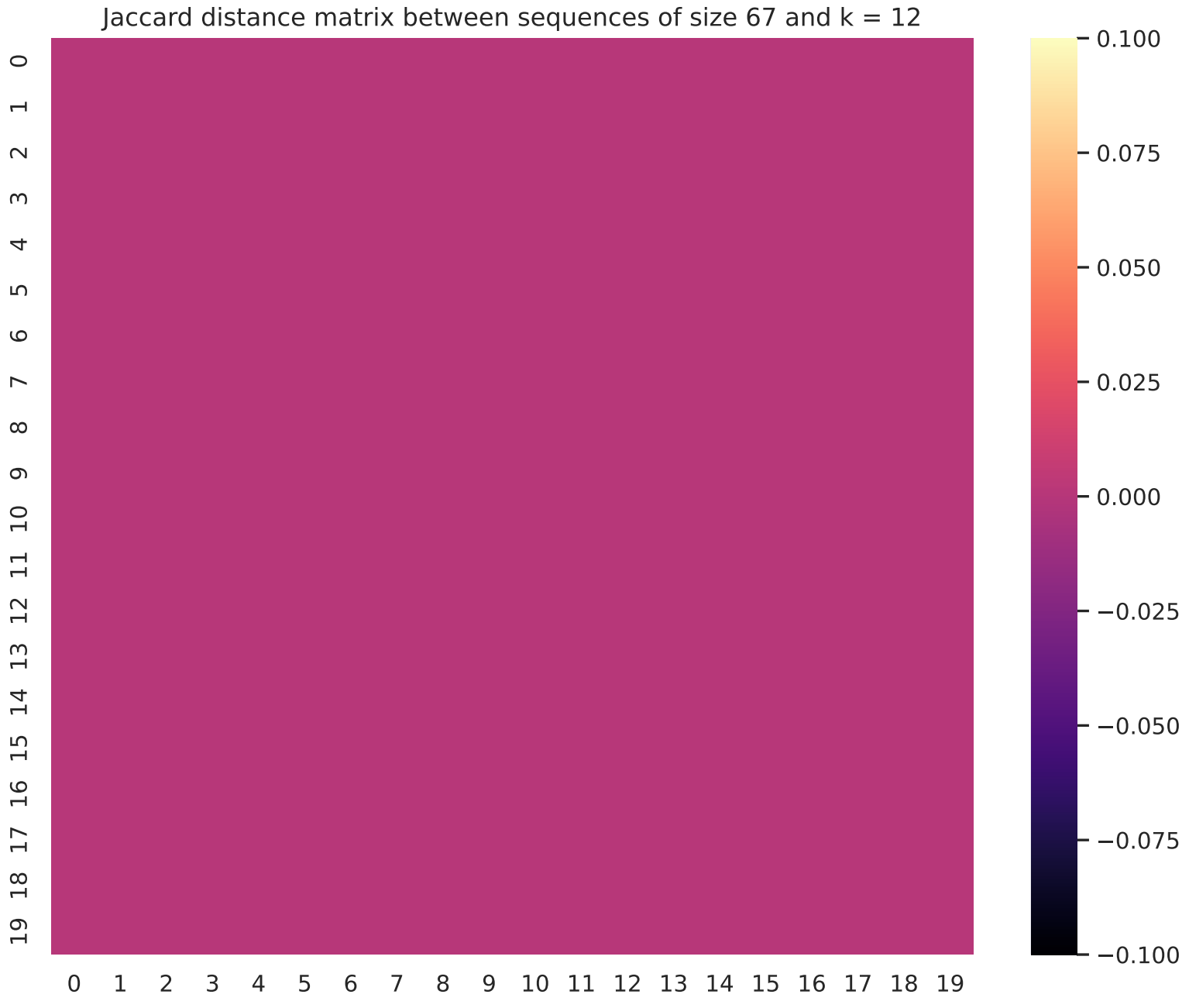

Jaccard distance matrix between sequences of size 62 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

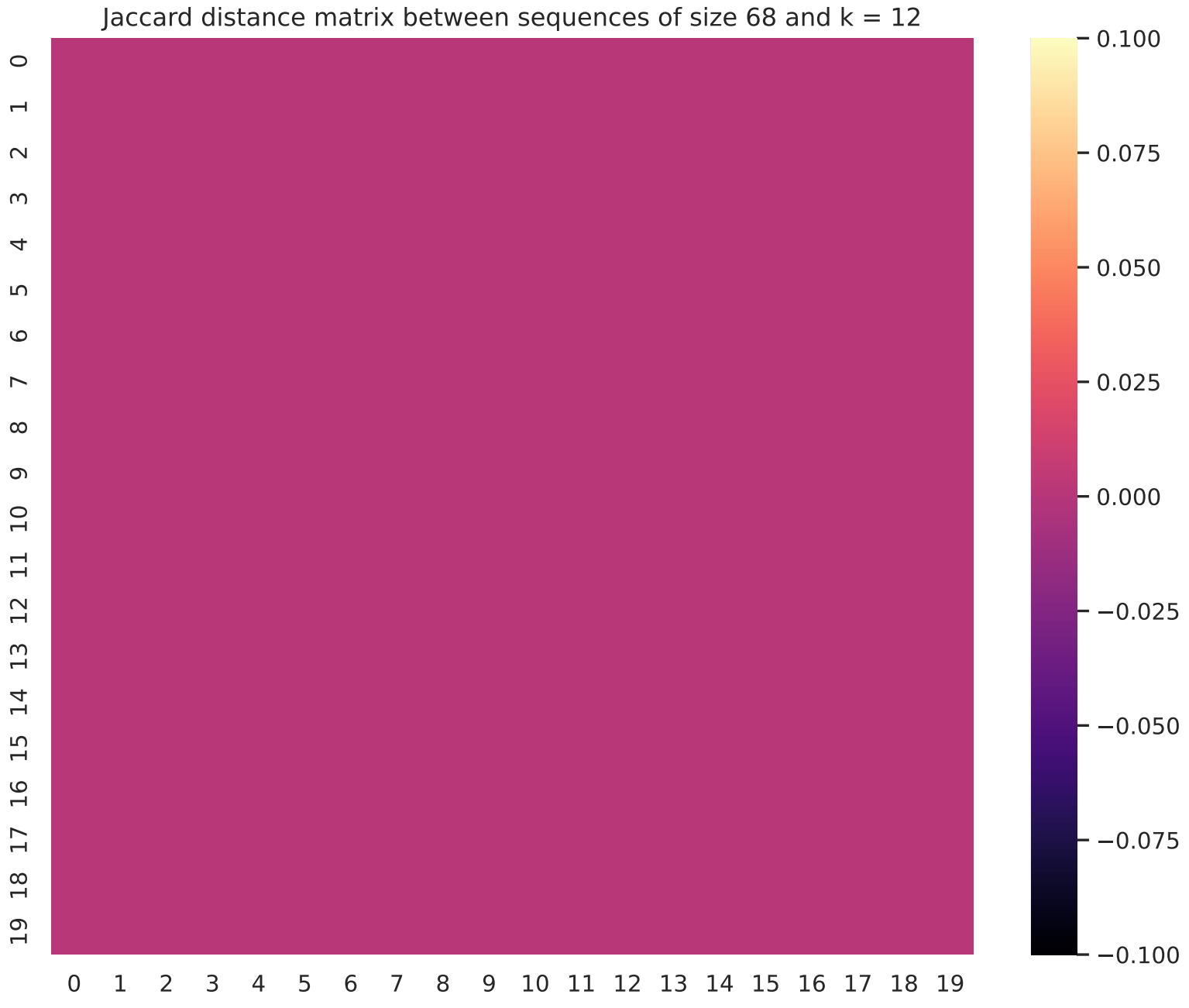

Jaccard distance matrix between sequences of size 63 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

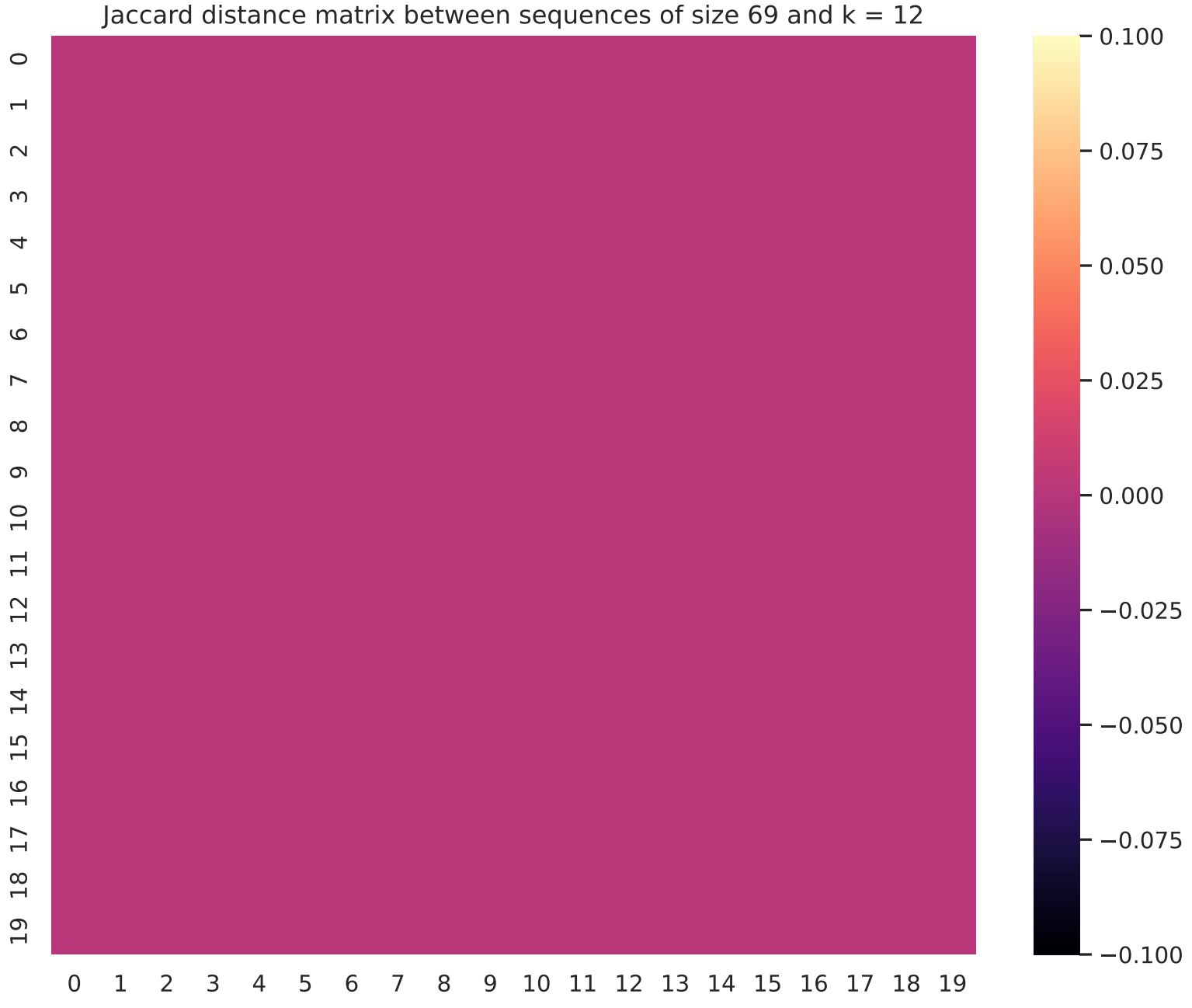

Jaccard distance matrix between sequences of size 64 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

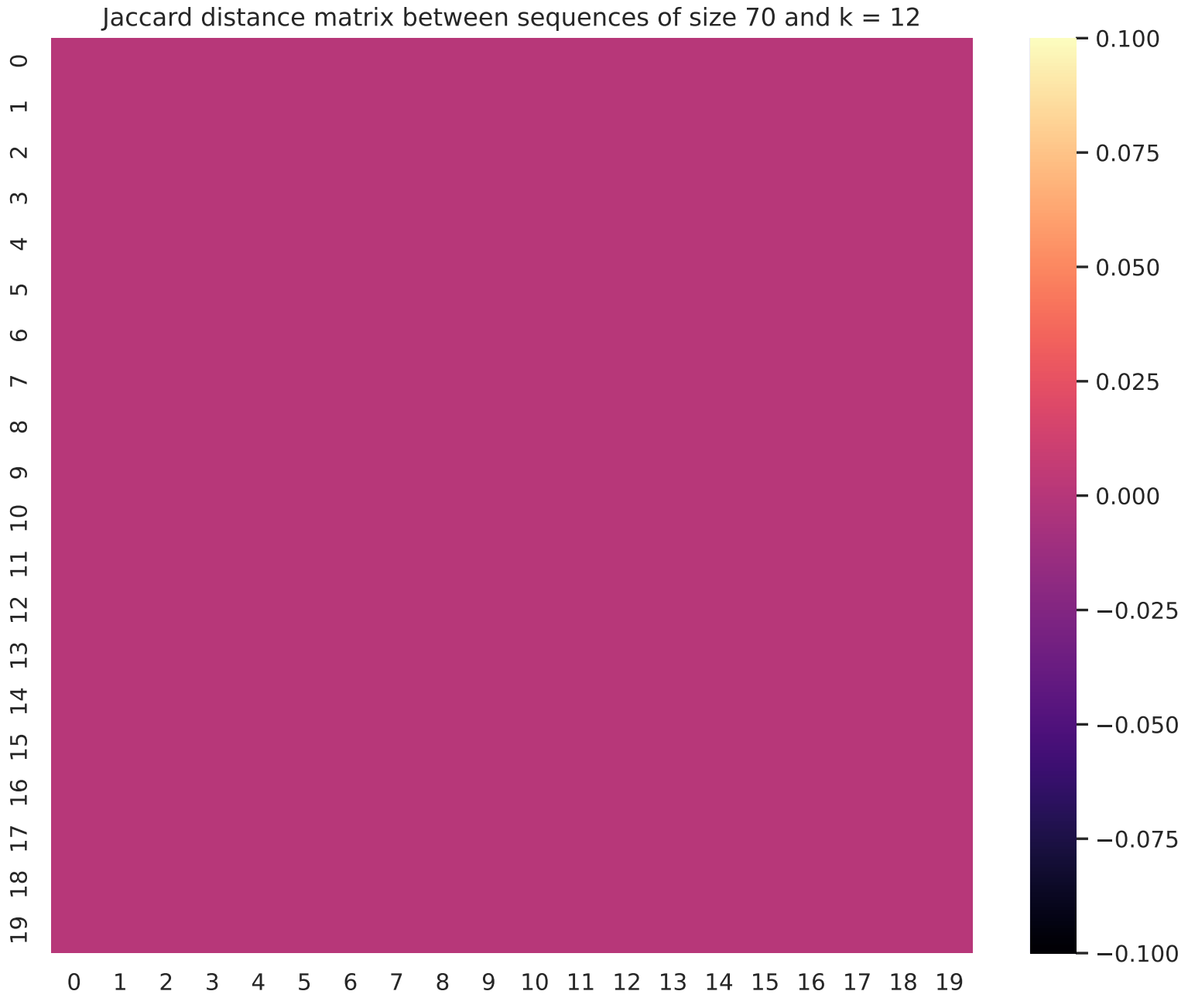

Jaccard distance matrix between sequences of size 65 and k = 12
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.008
0.006
0.004
0.002
0.000

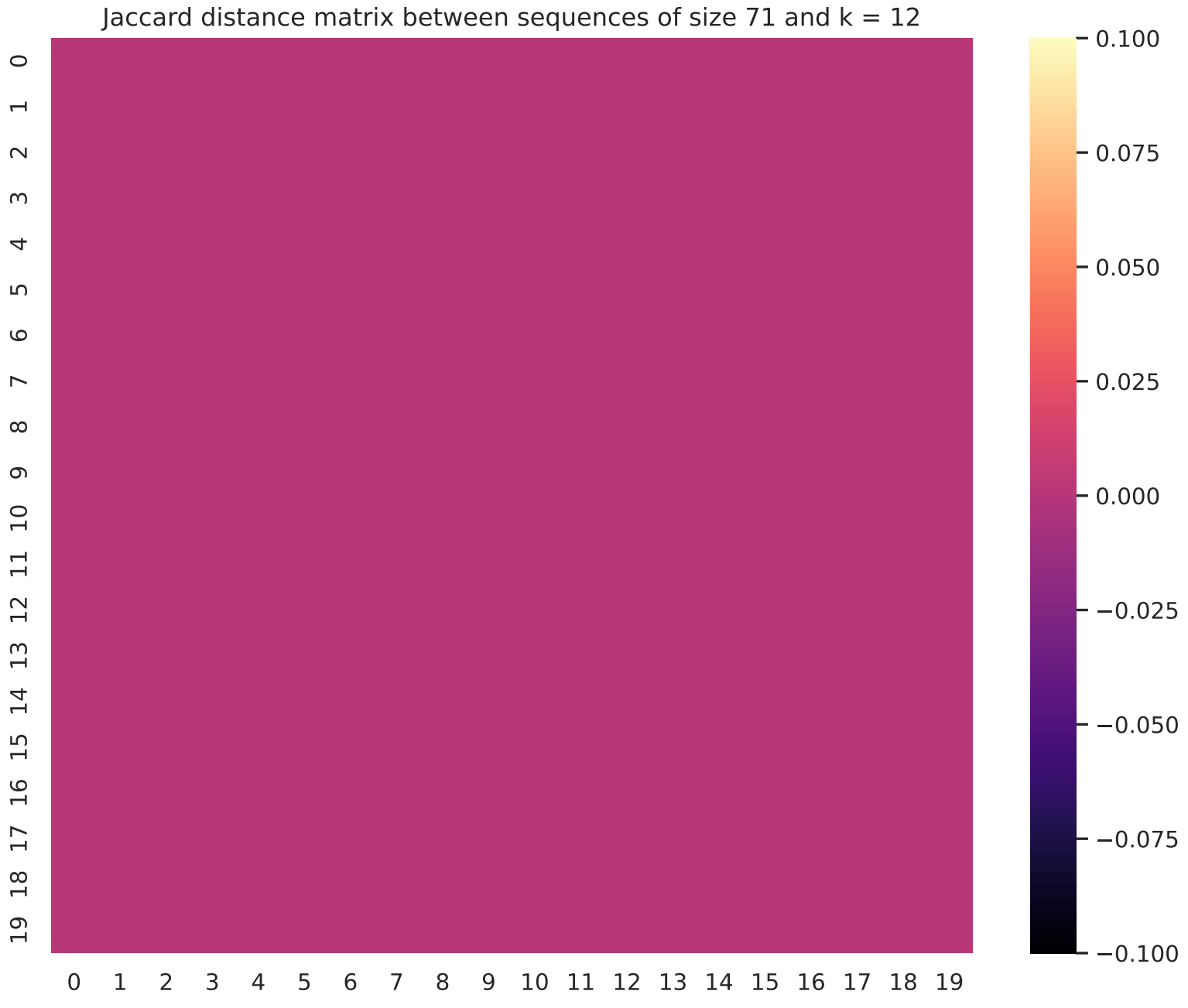

Jaccard distance matrix between sequences of size 66 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

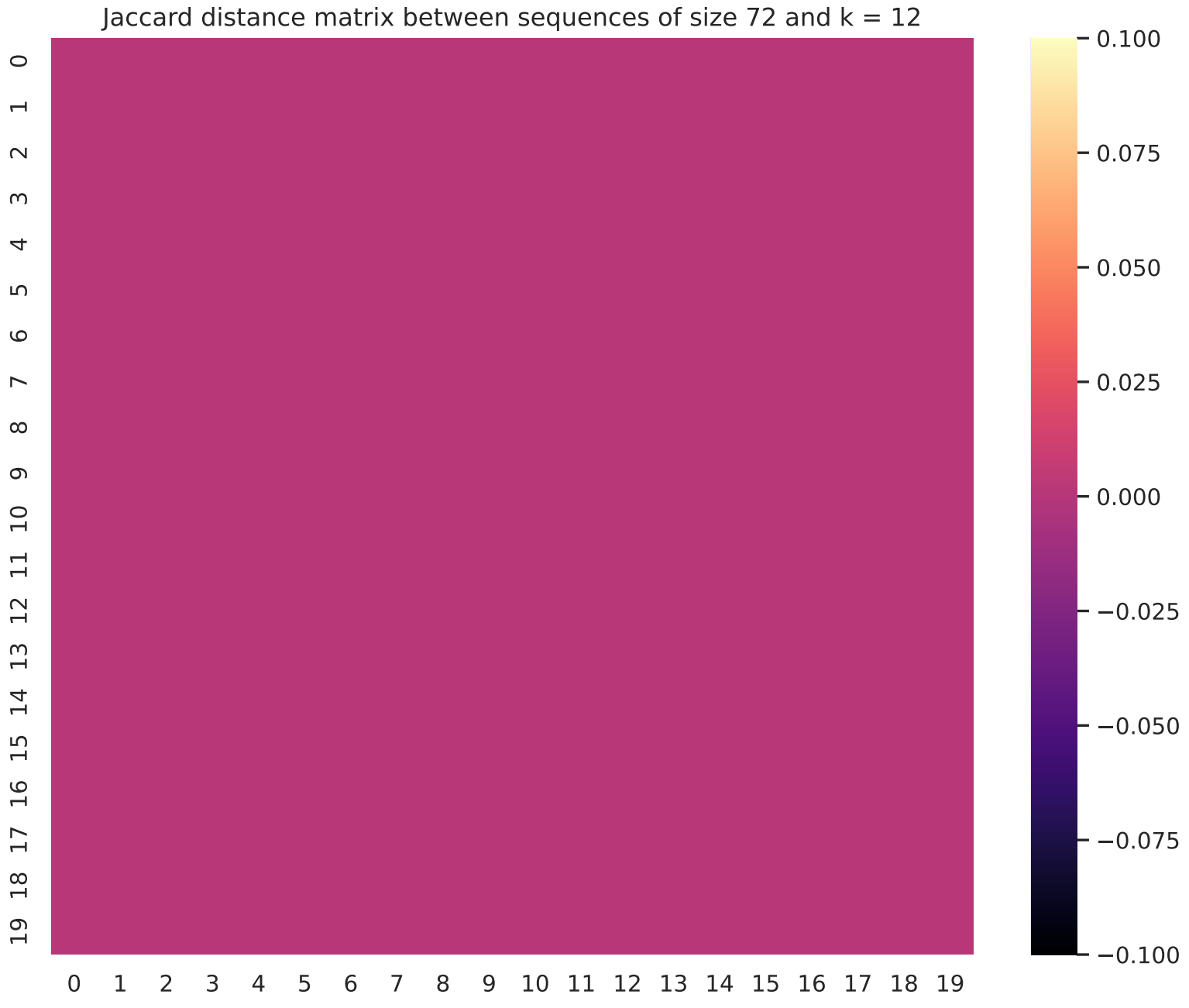

Jaccard distance matrix between sequences of size 67 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

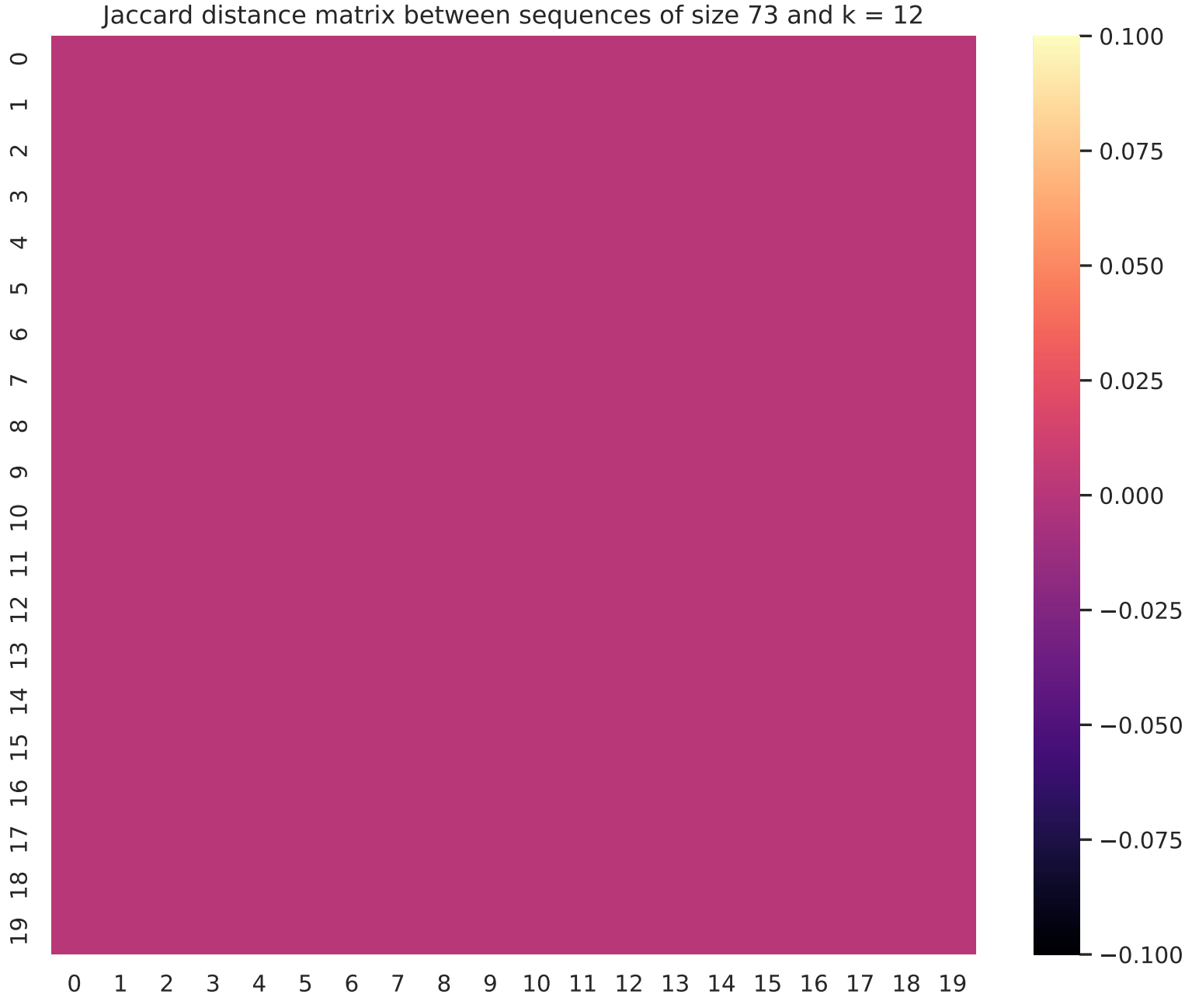

Jaccard distance matrix between sequences of size 68 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

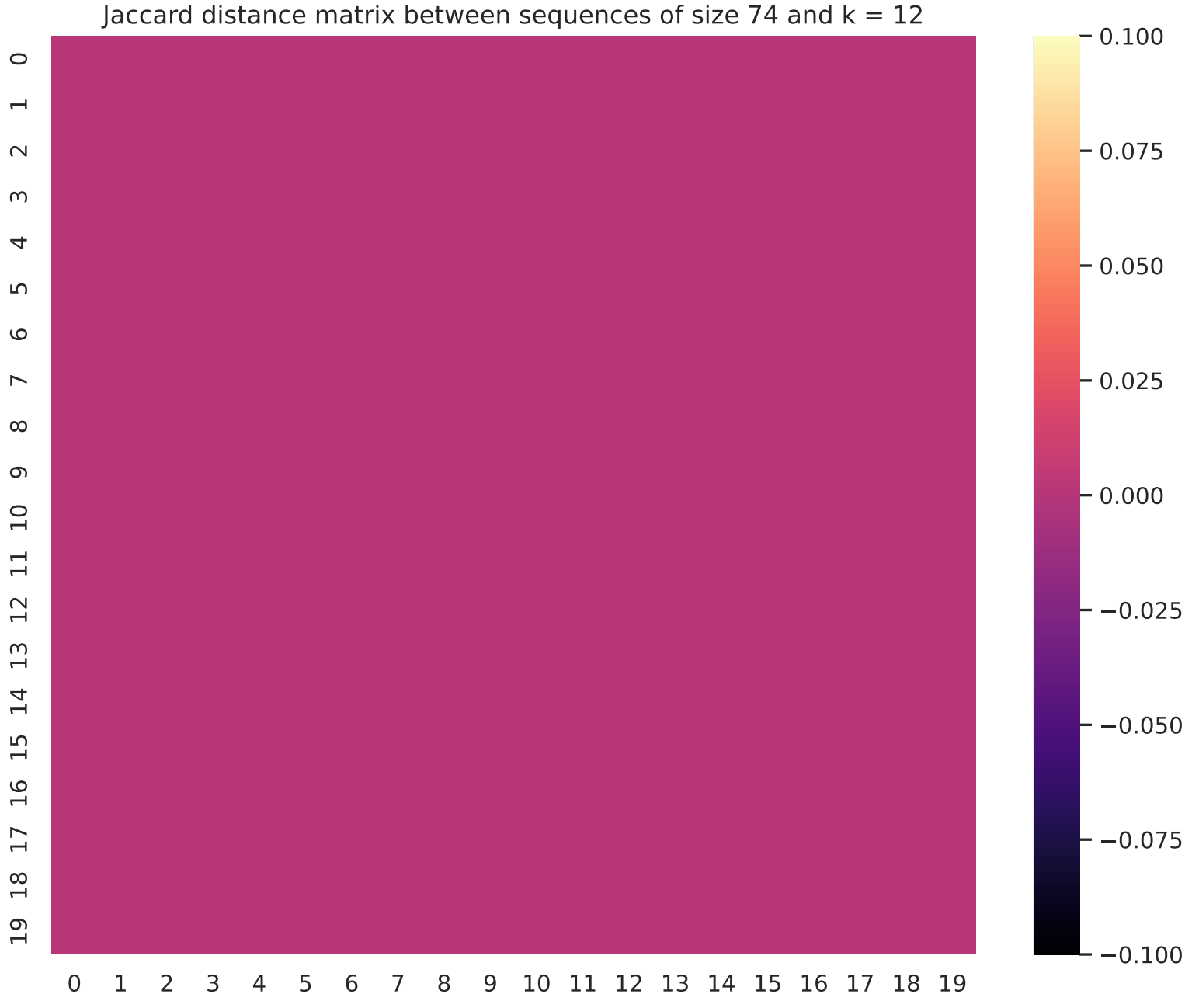

Jaccard distance matrix between sequences of size 69 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

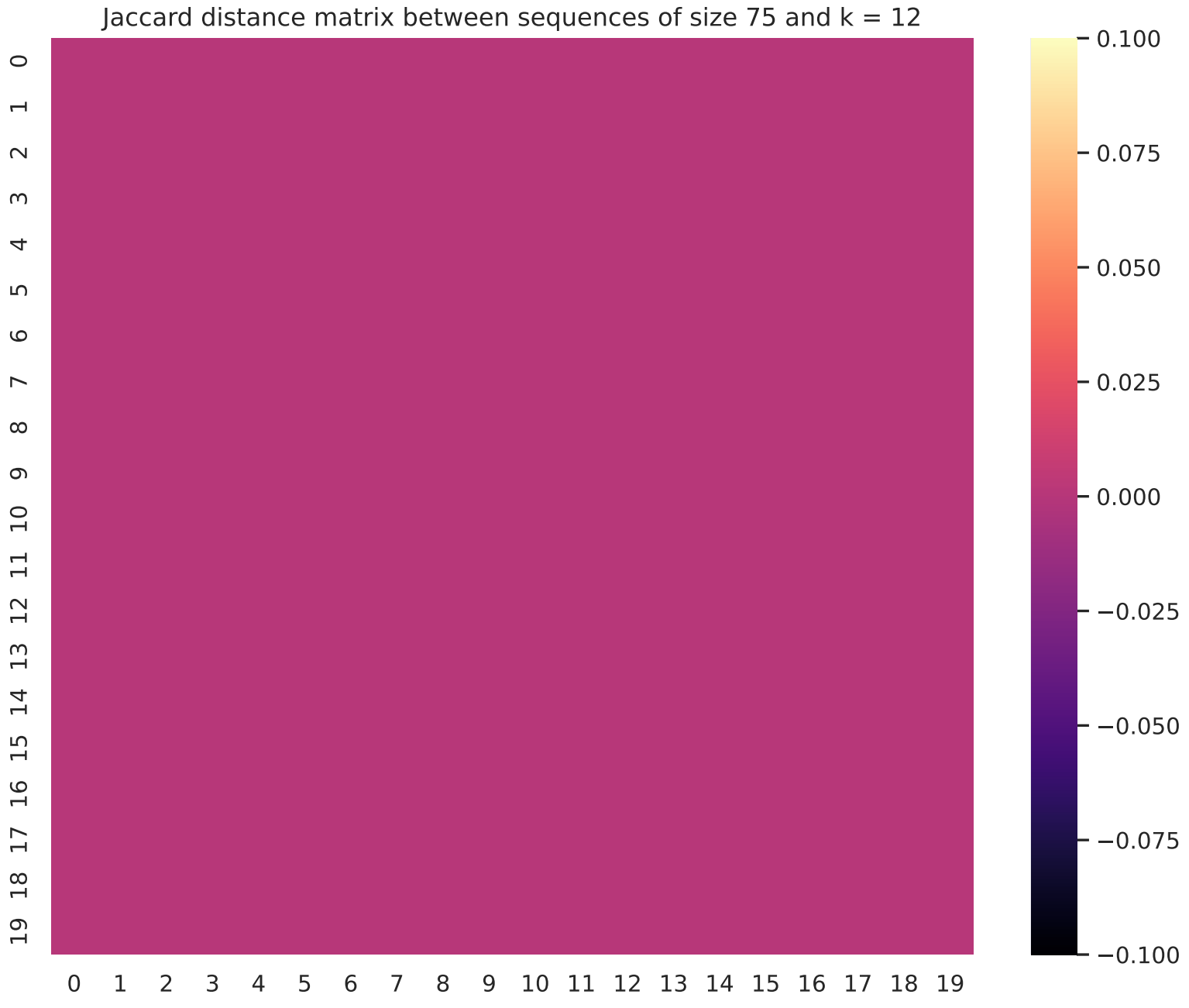

Jaccard distance matrix between sequences of size 70 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

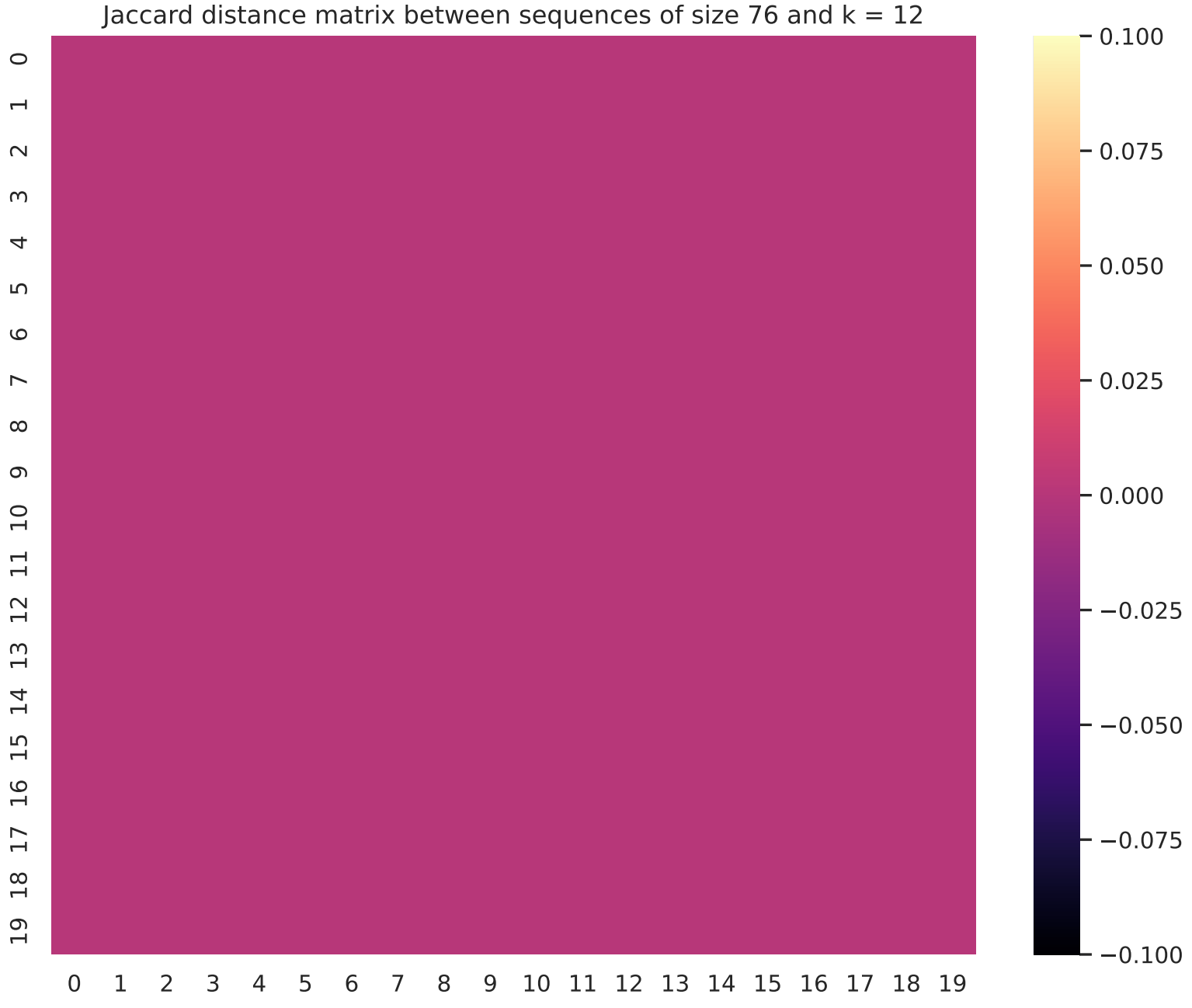

Jaccard distance matrix between sequences of size 71 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

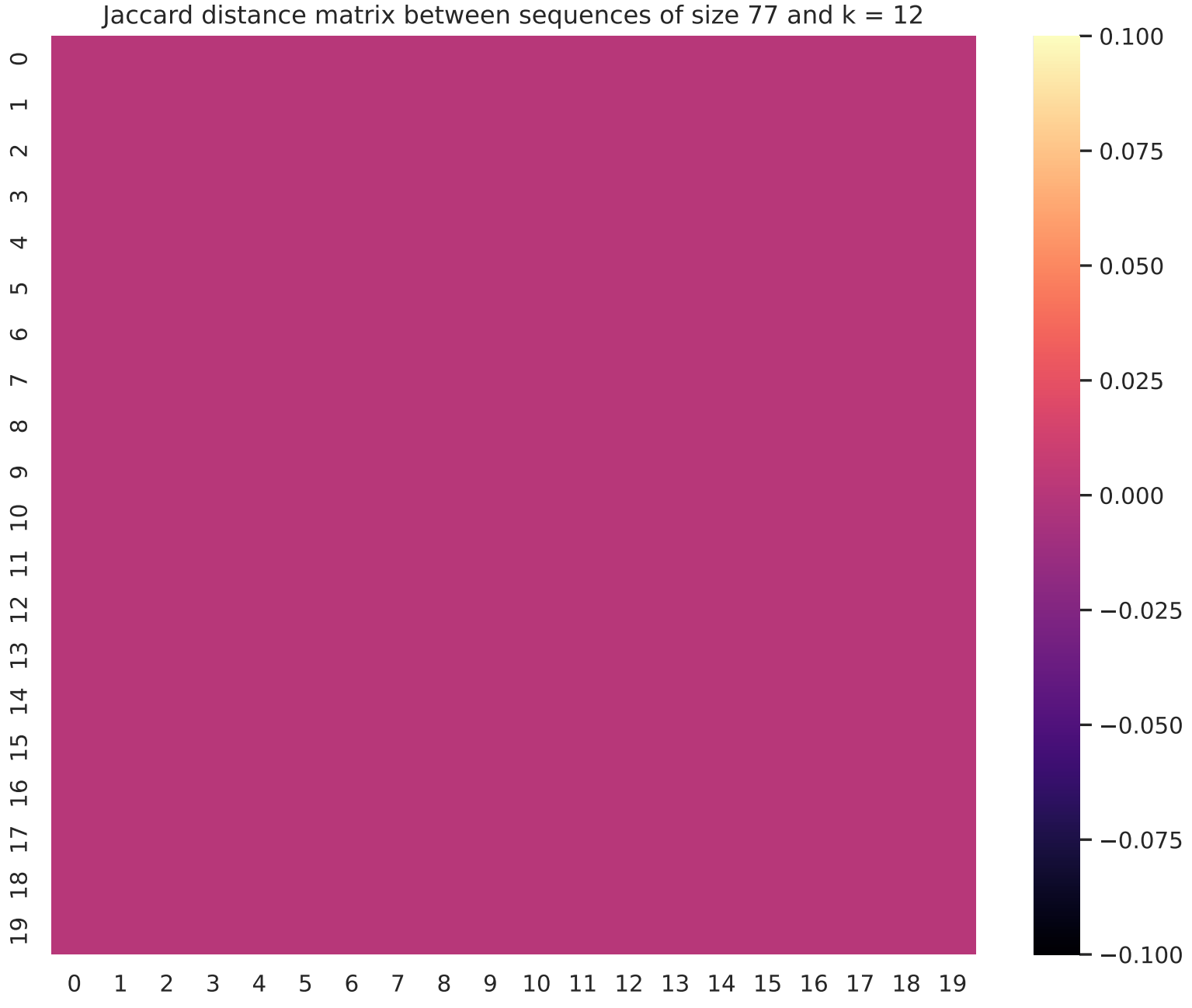

Jaccard distance matrix between sequences of size 72 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

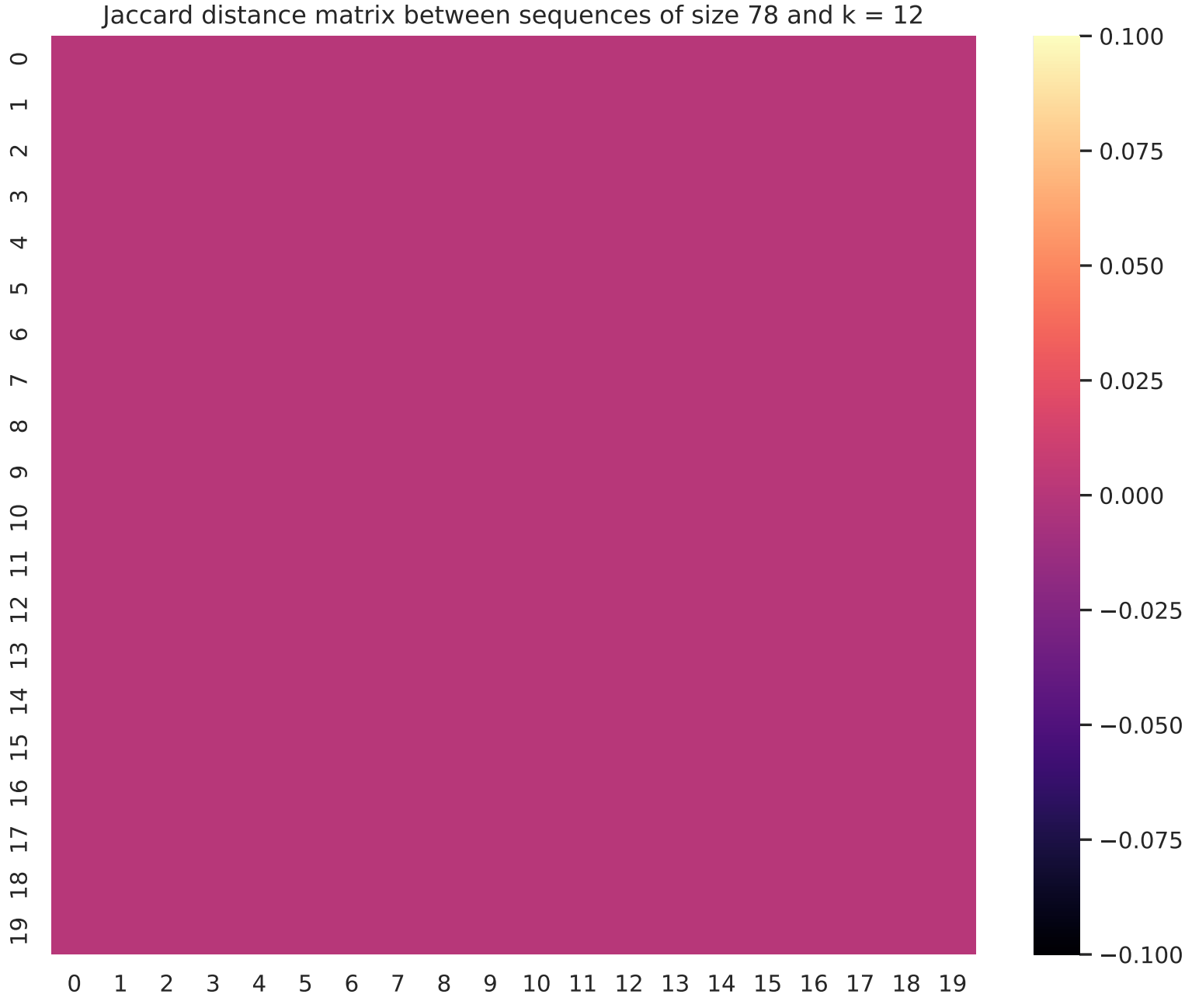

Jaccard distance matrix between sequences of size 73 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

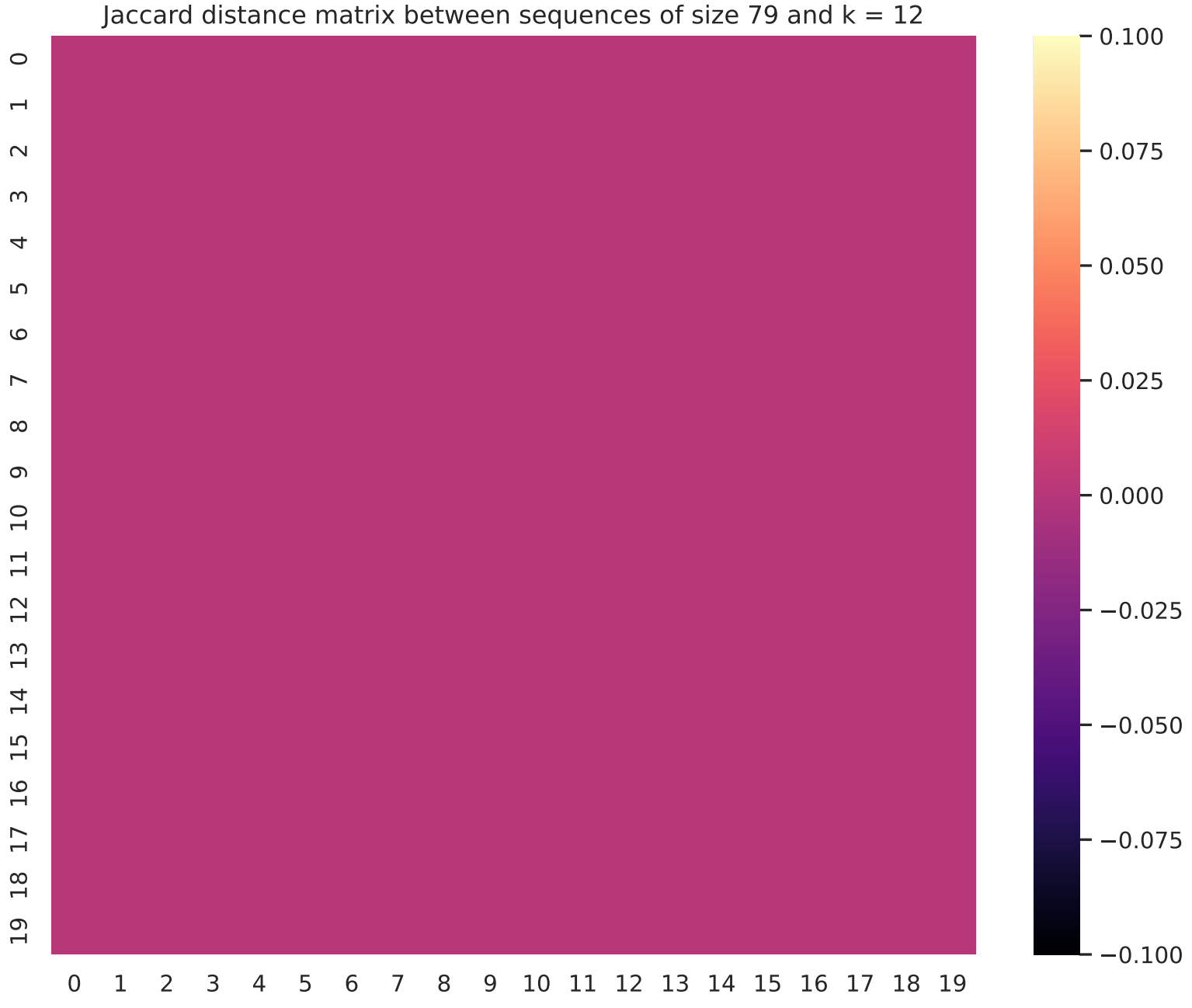

Jaccard distance matrix between sequences of size 74 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

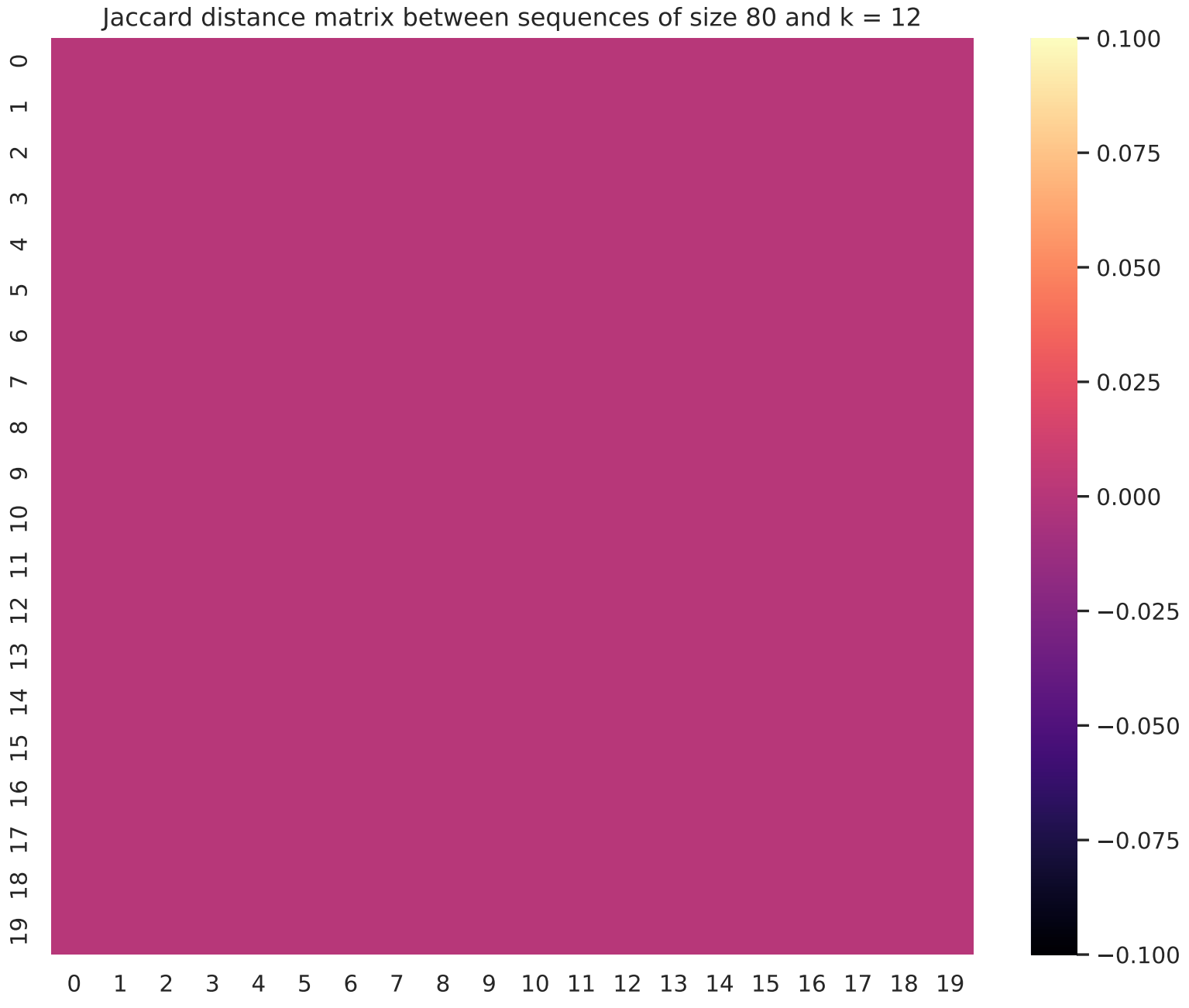

Jaccard distance matrix between sequences of size 75 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

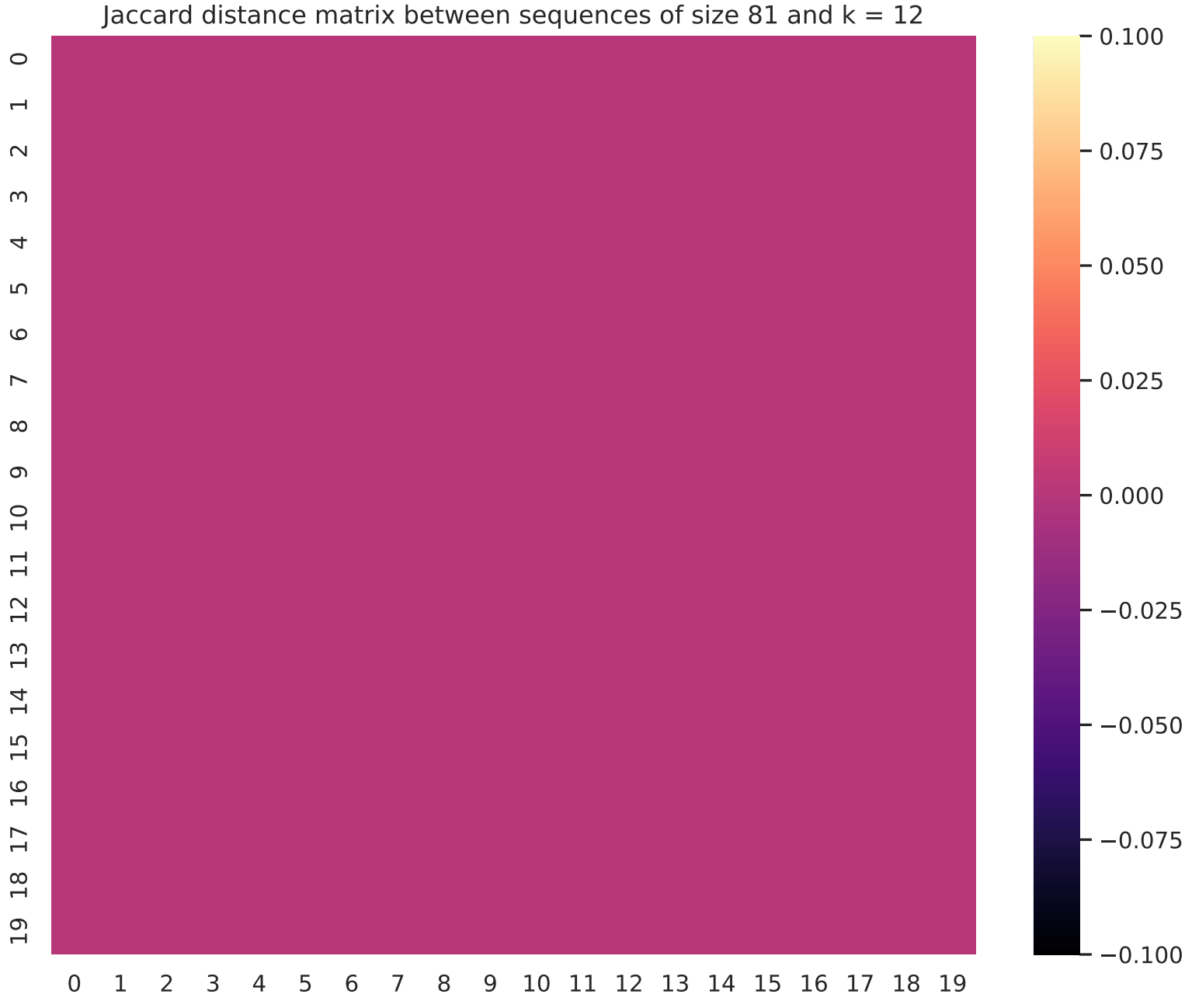

Jaccard distance matrix between sequences of size 76 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

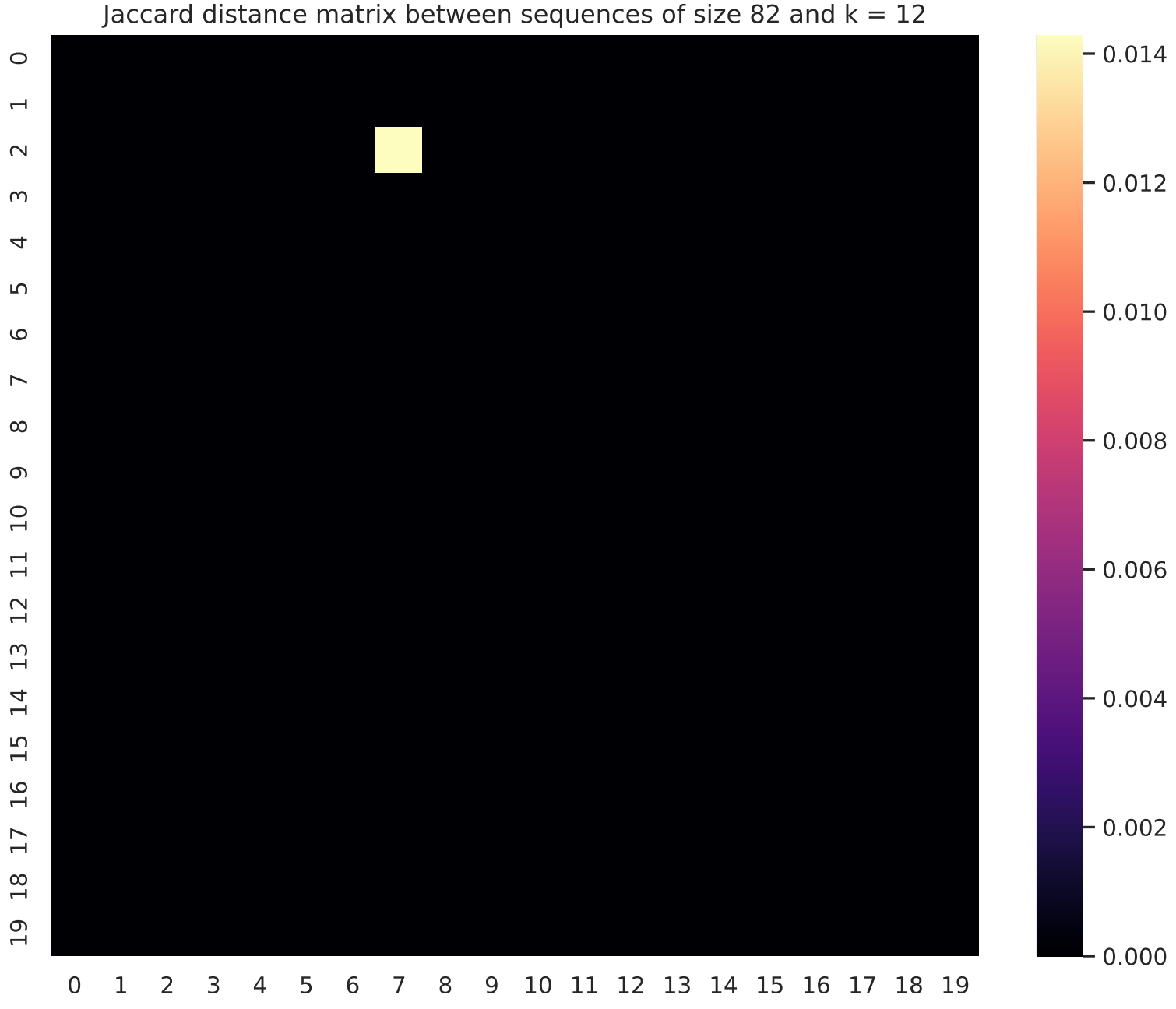

Jaccard distance matrix between sequences of size 77 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

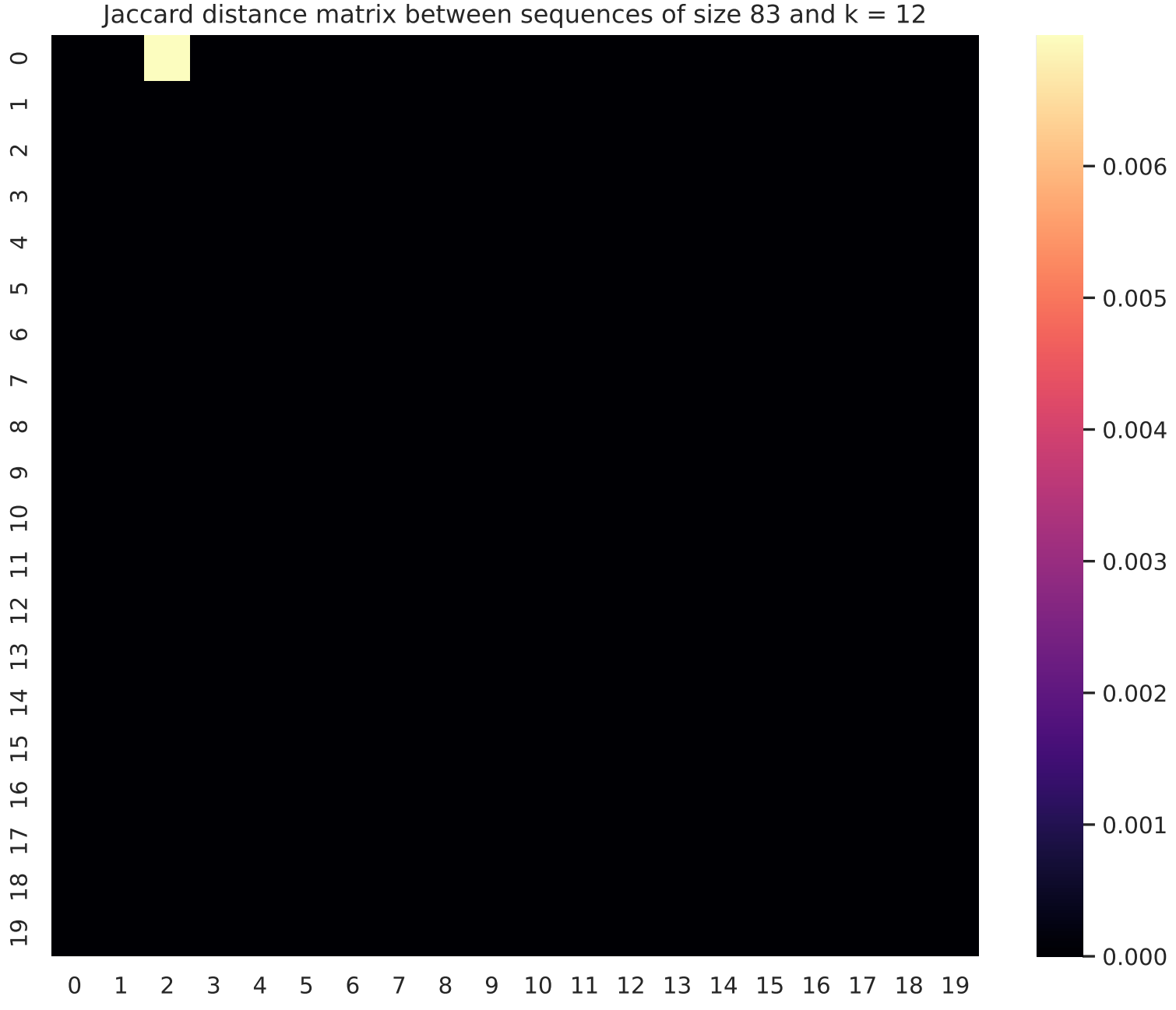

Jaccard distance matrix between sequences of size 78 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

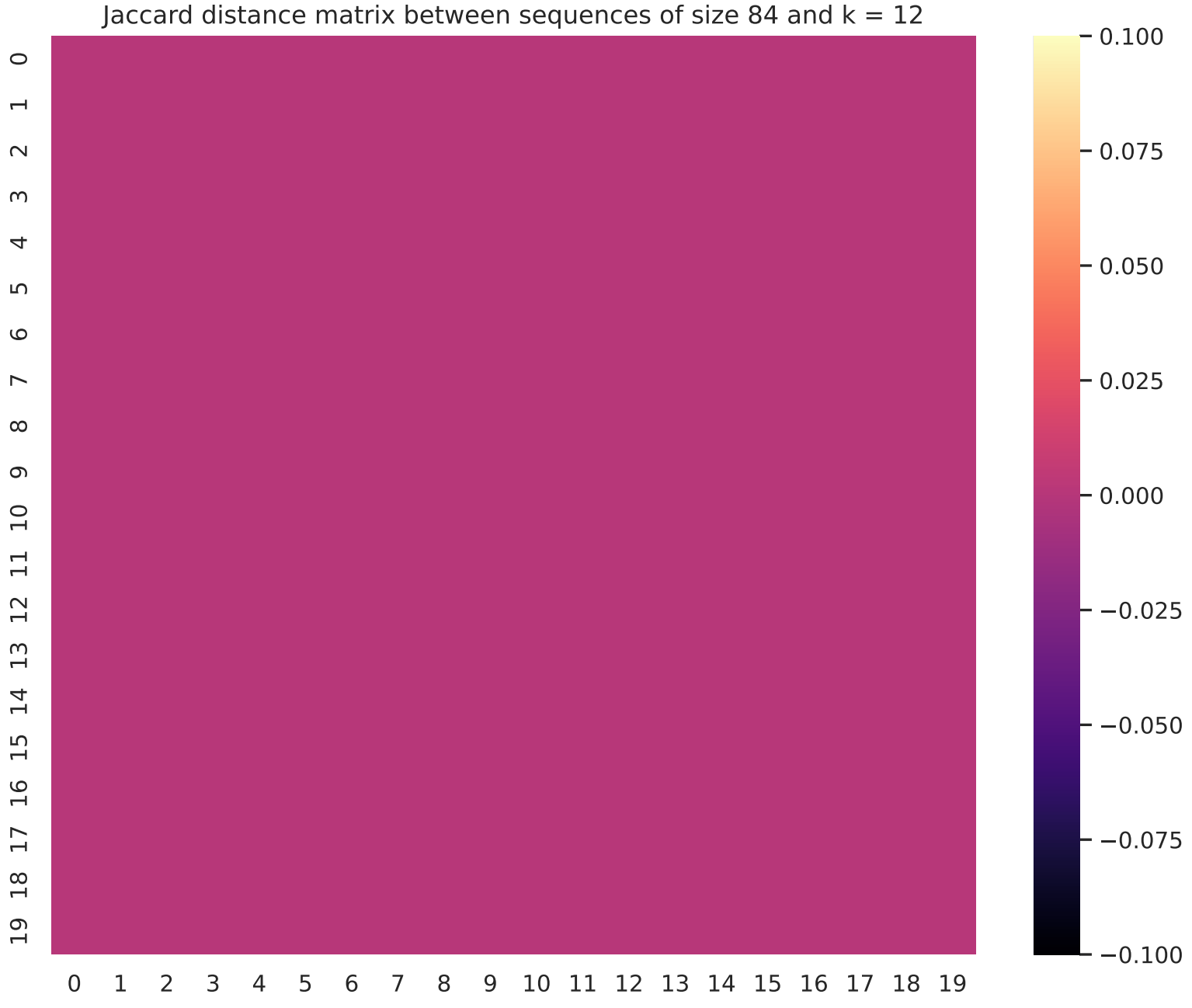

Jaccard distance matrix between sequences of size 79 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

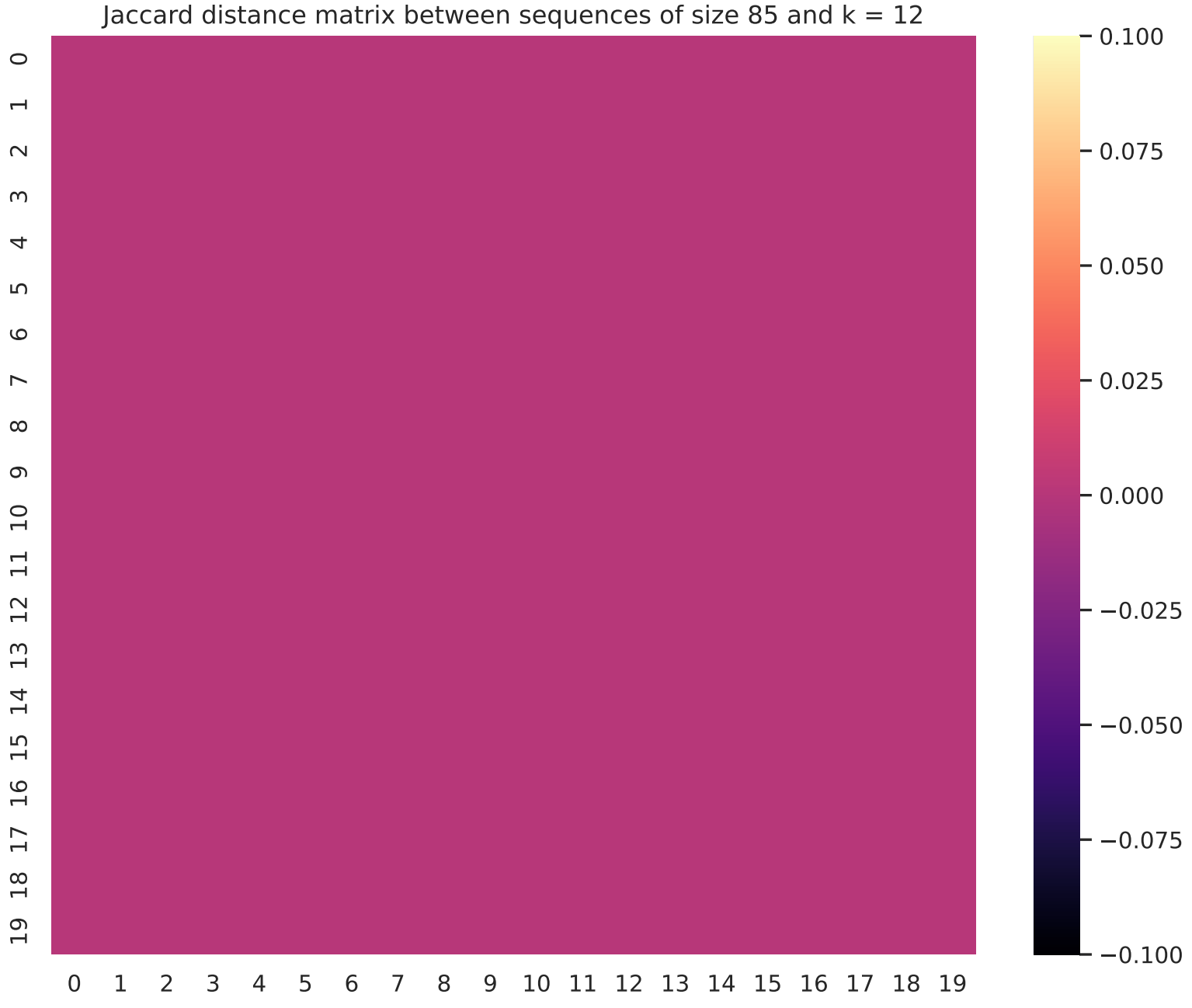

Jaccard distance matrix between sequences of size 80 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

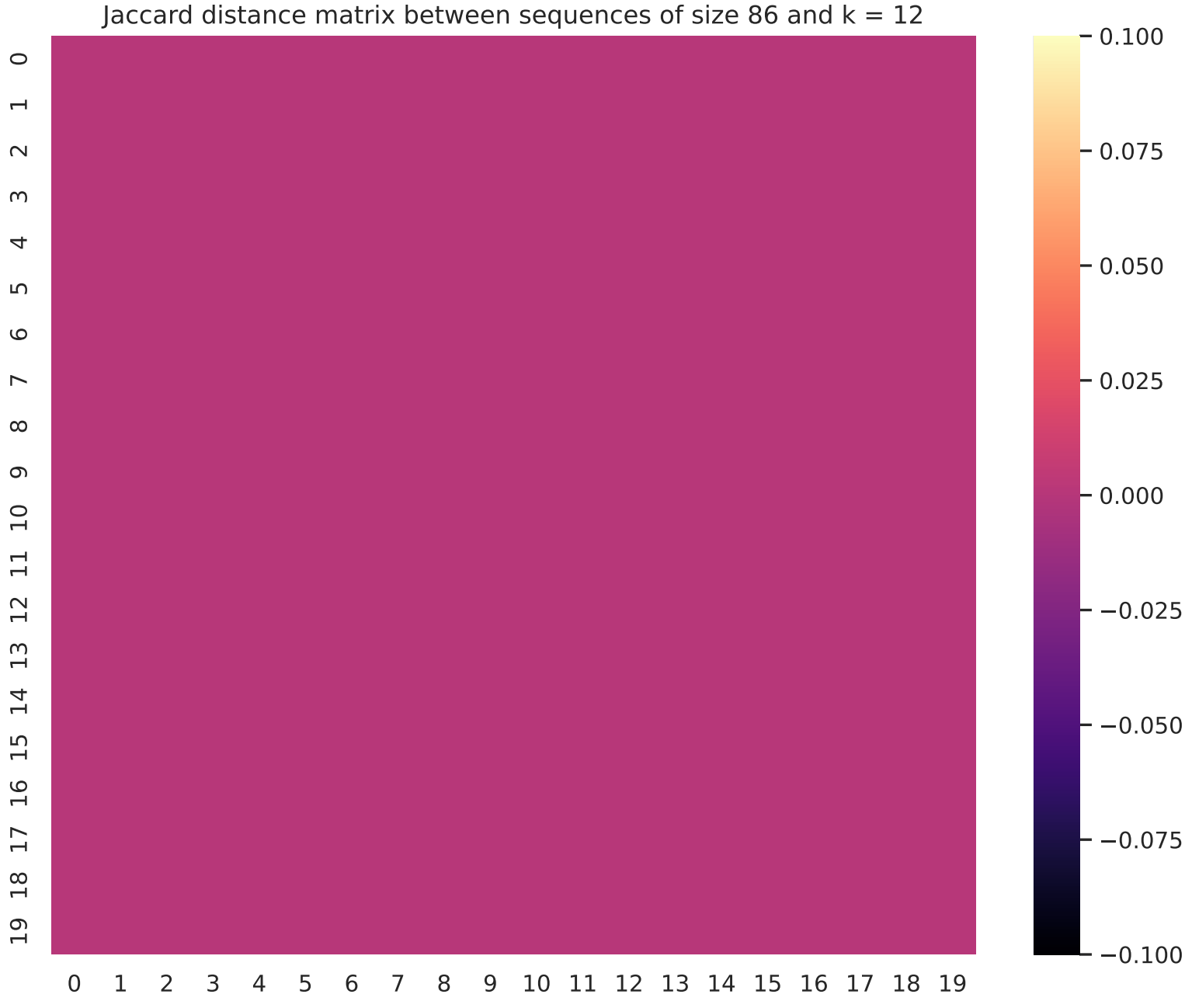

Jaccard distance matrix between sequences of size 81 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

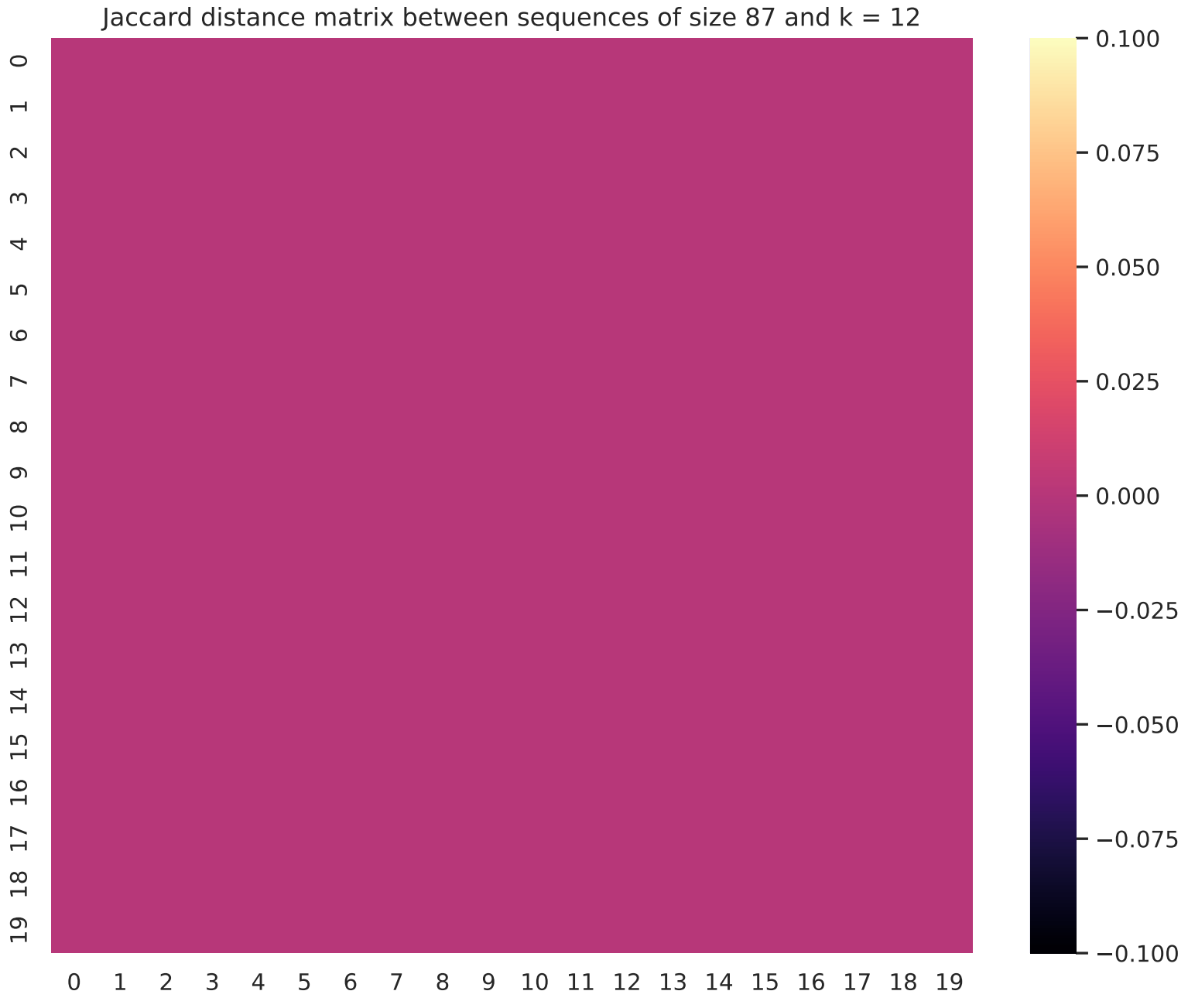

Jaccard distance matrix between sequences of size 82 and k = 12
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000

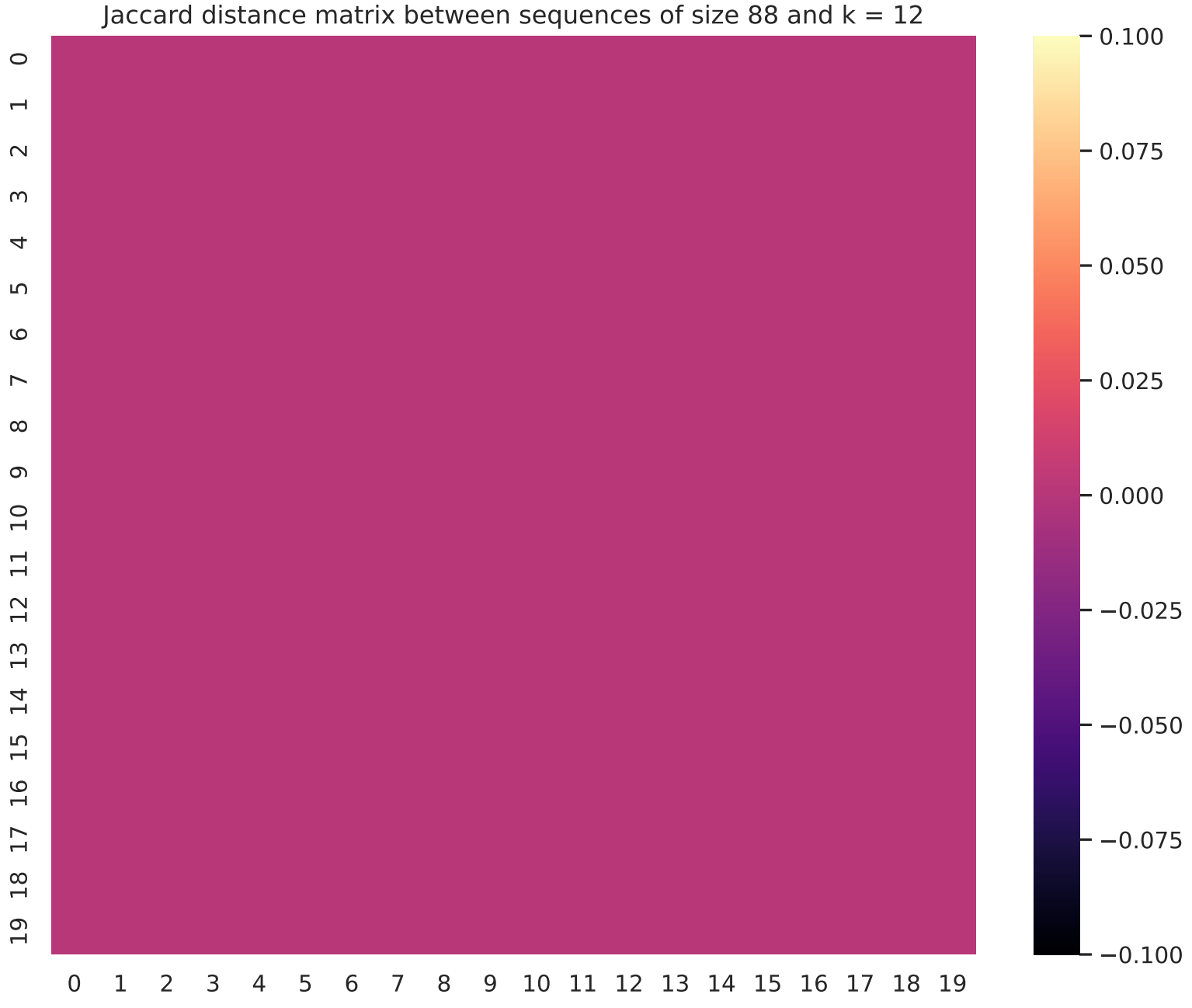

Jaccard distance matrix between sequences of size 83 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.006
0.005
0.004
0.003
0.002
0.001
0.000

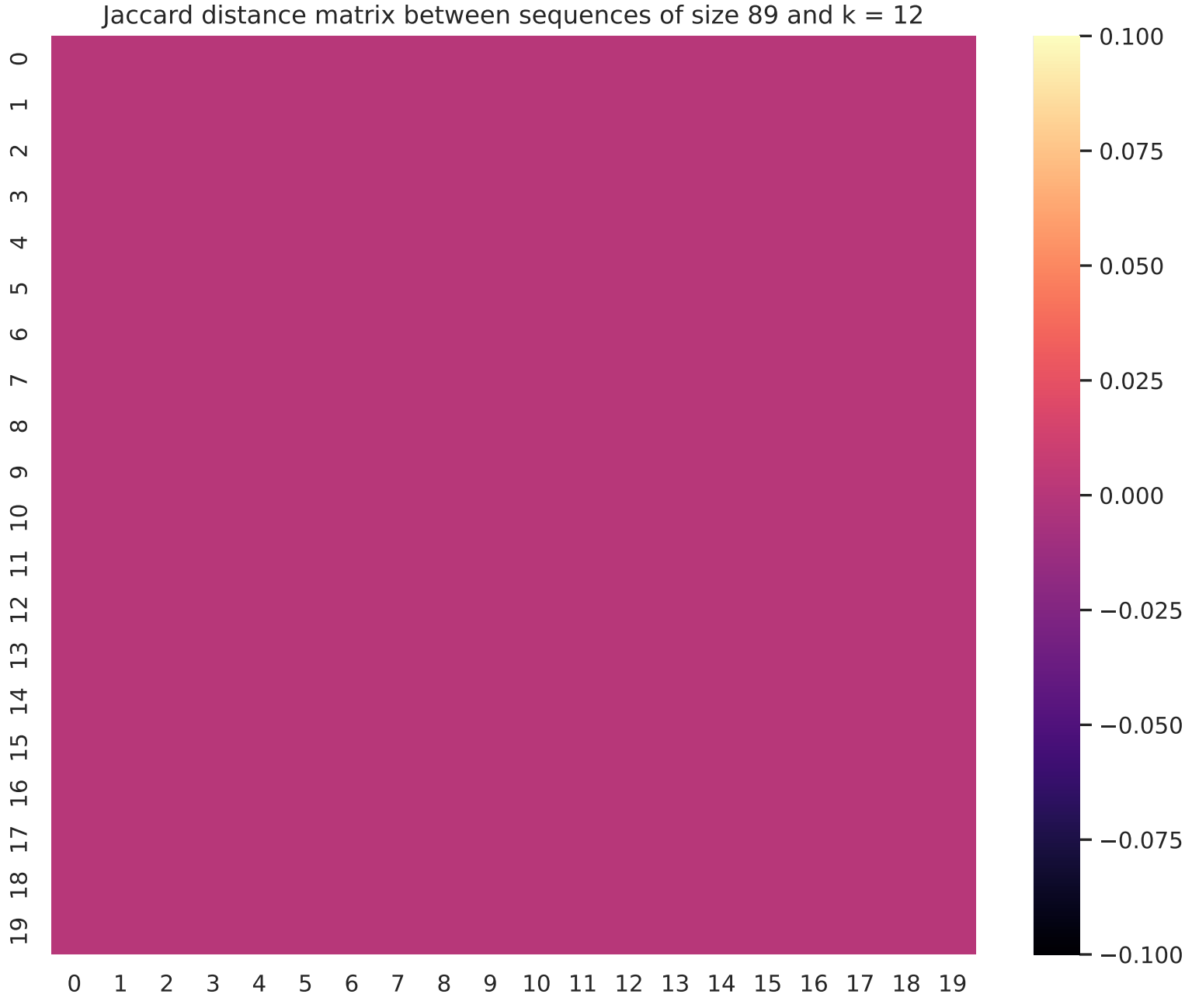

Jaccard distance matrix between sequences of size 84 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

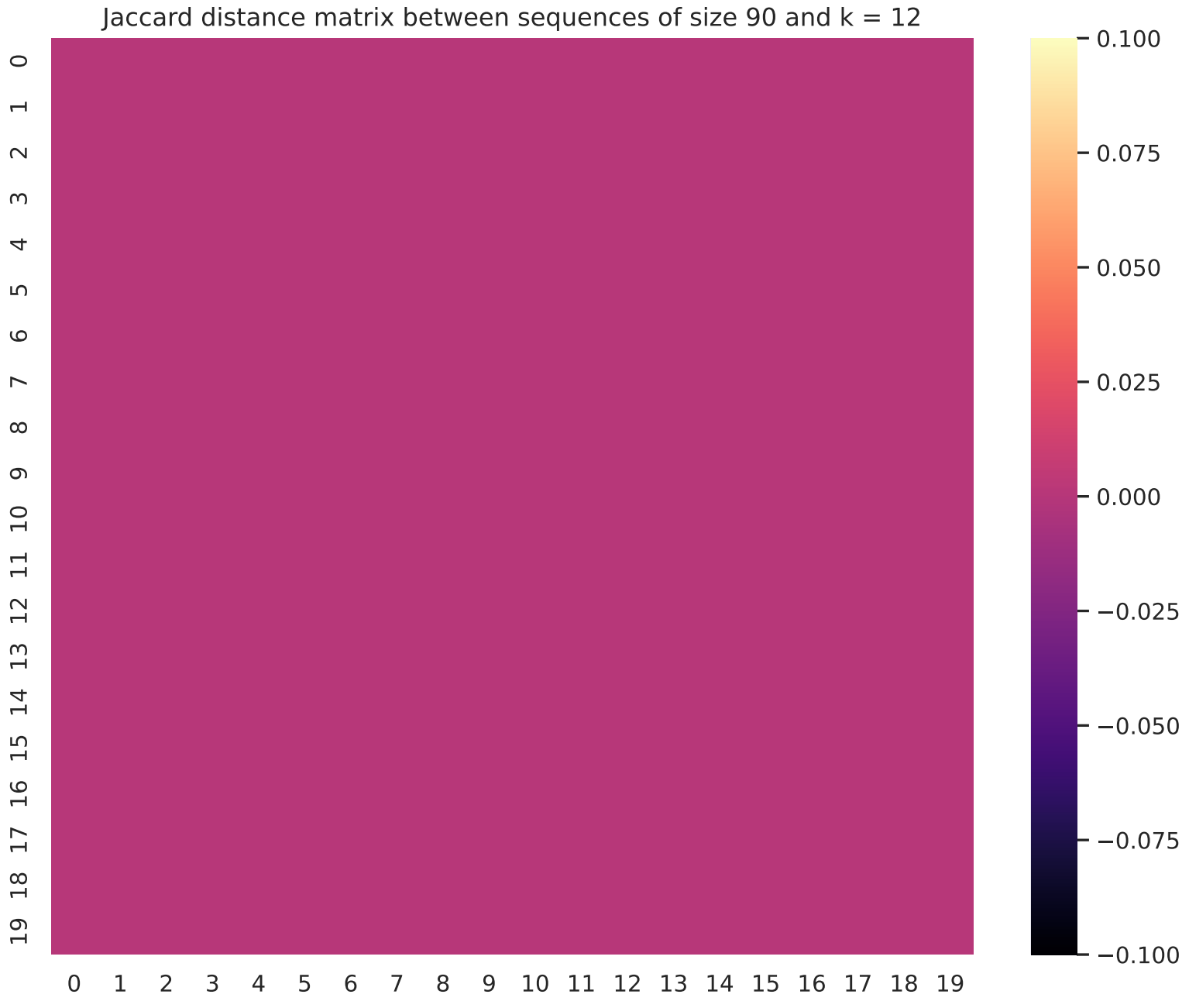

Jaccard distance matrix between sequences of size 85 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

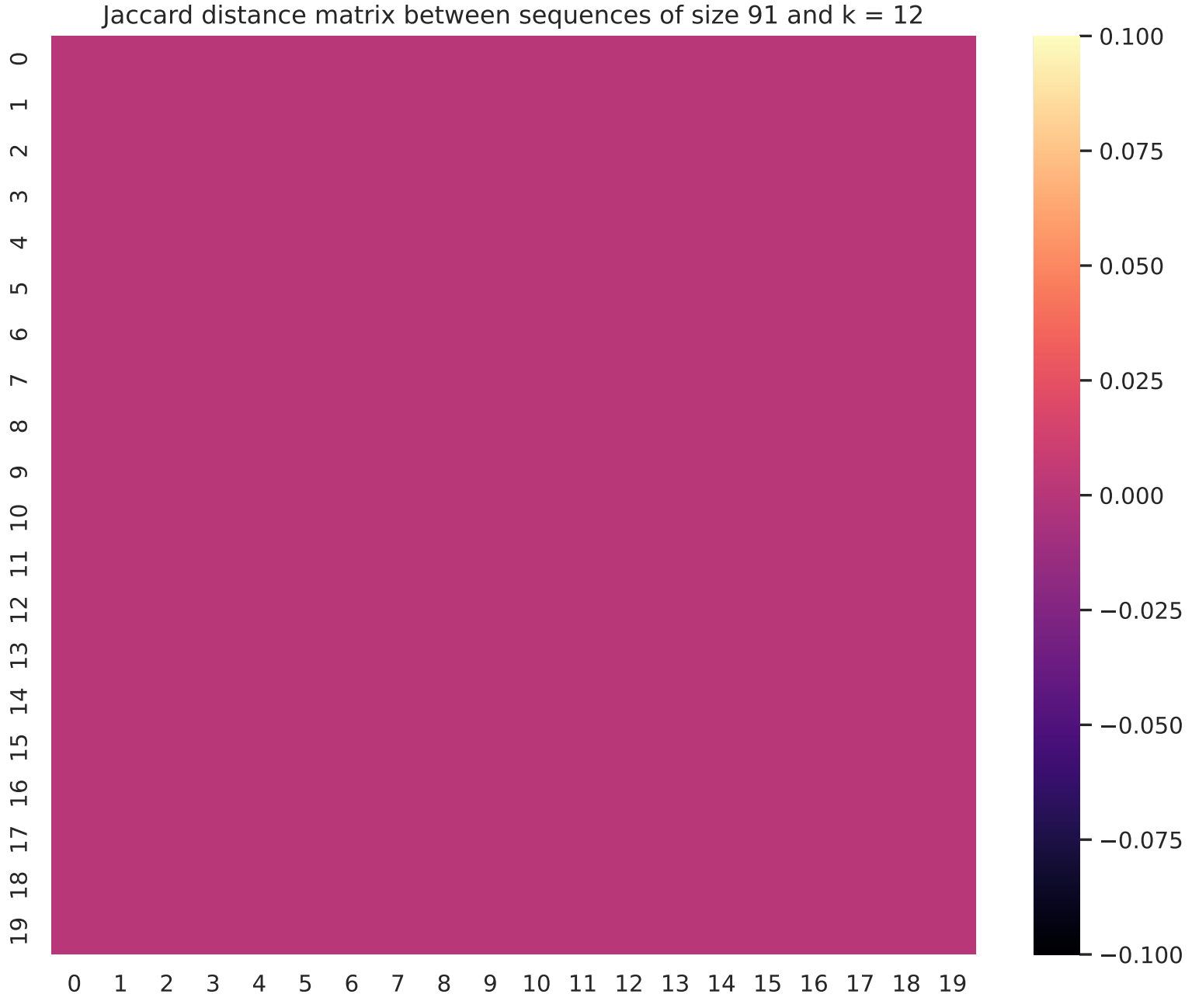

Jaccard distance matrix between sequences of size 86 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

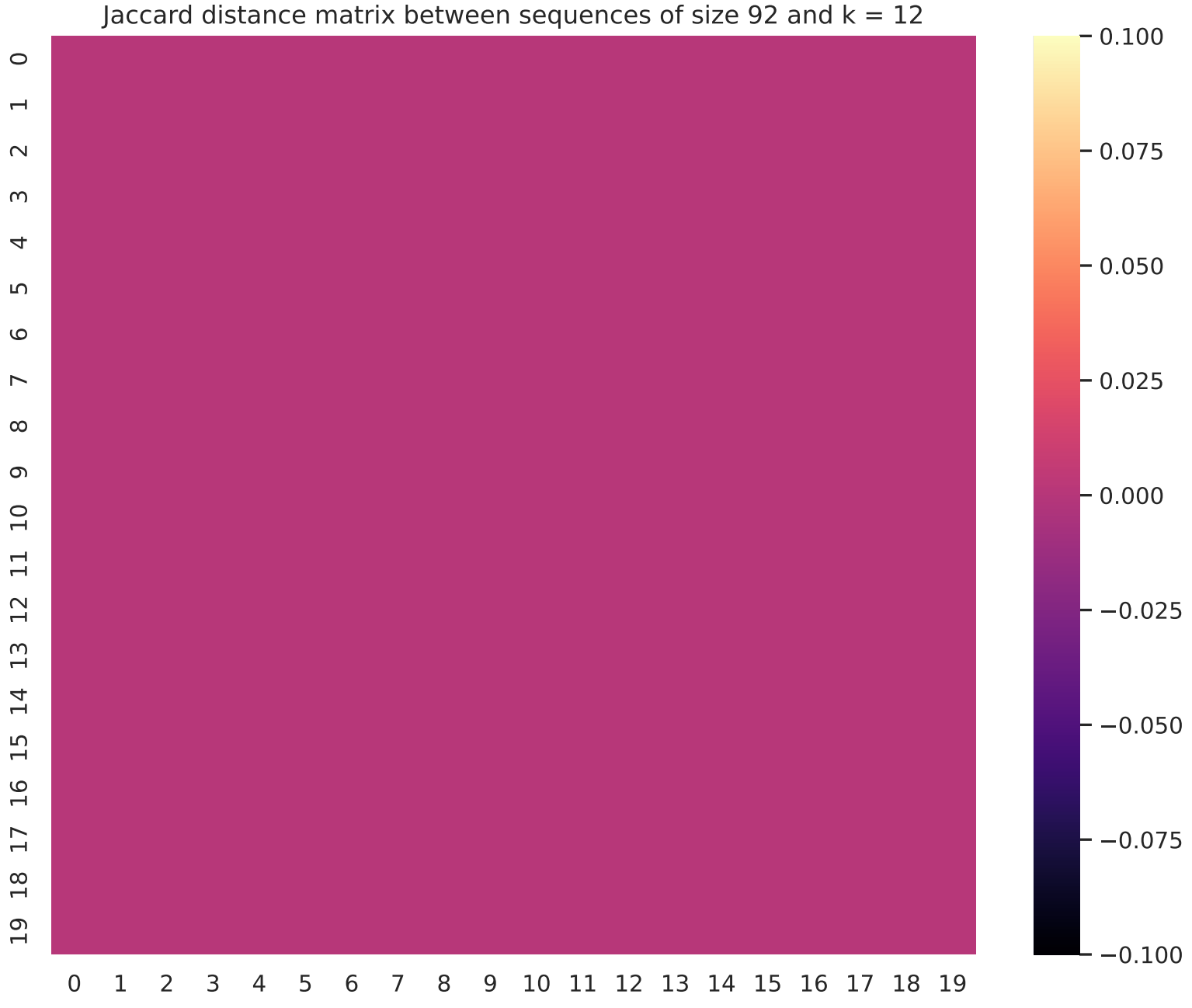

Jaccard distance matrix between sequences of size 87 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

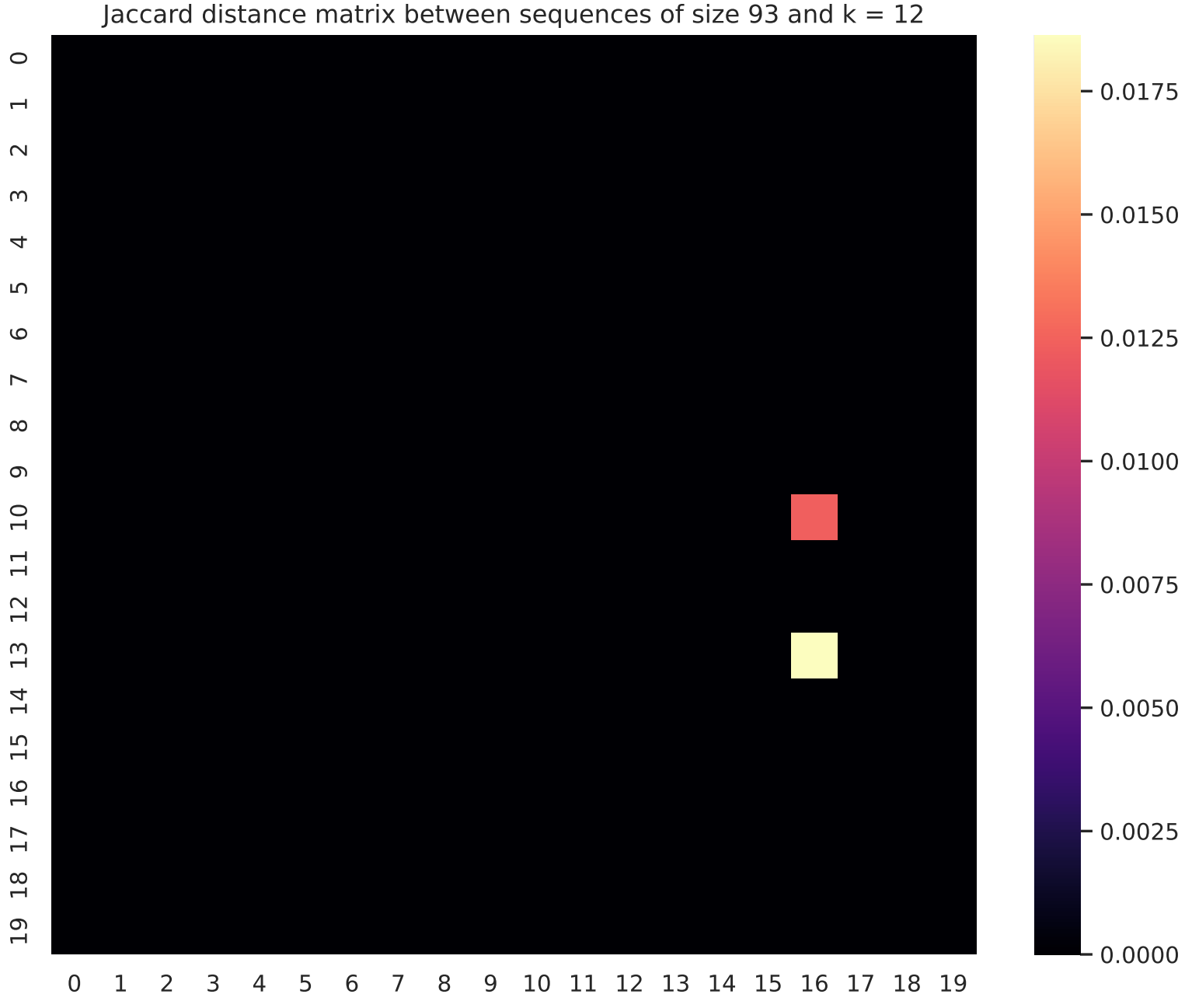

Jaccard distance matrix between sequences of size 88 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

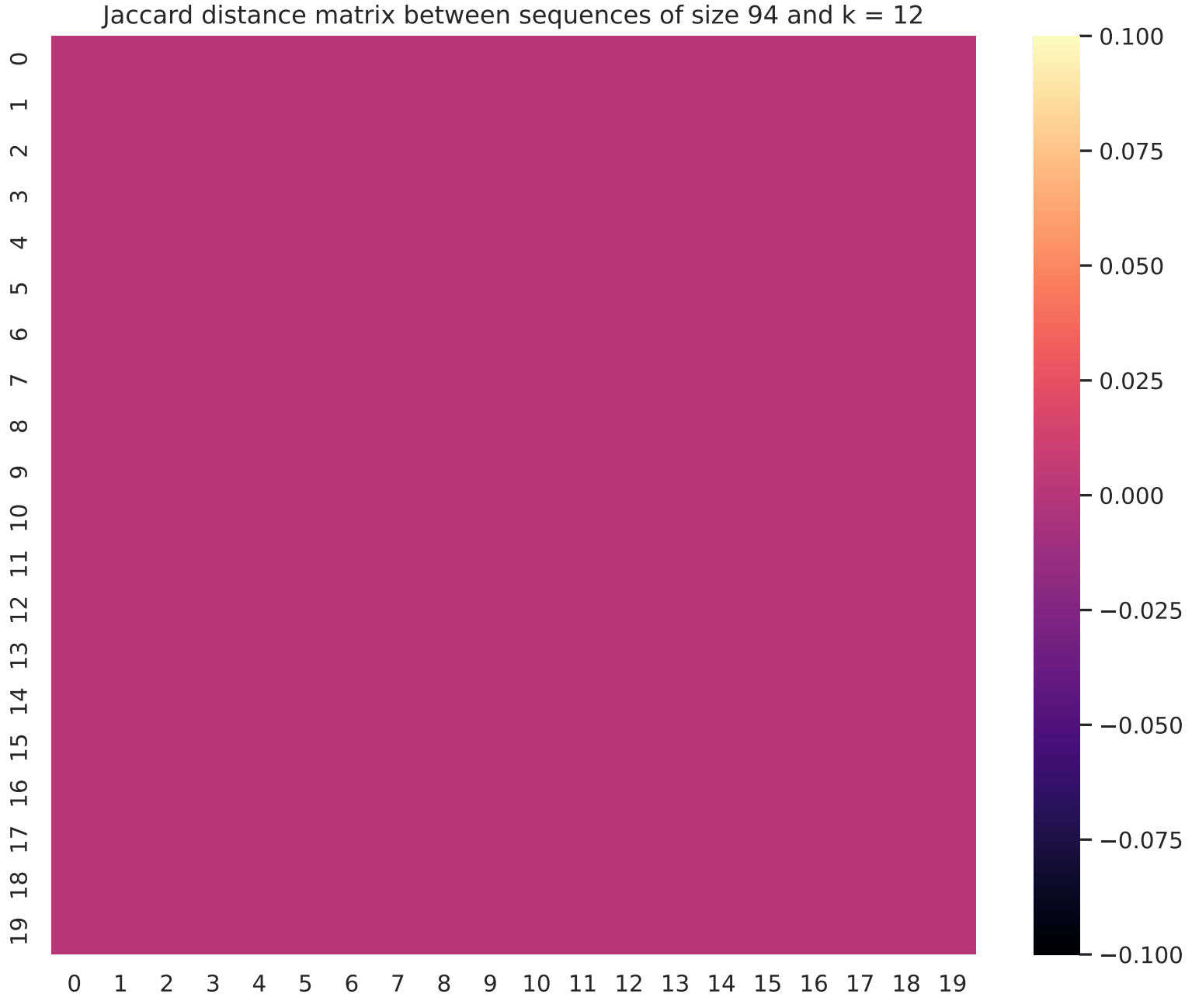

Jaccard distance matrix between sequences of size 89 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

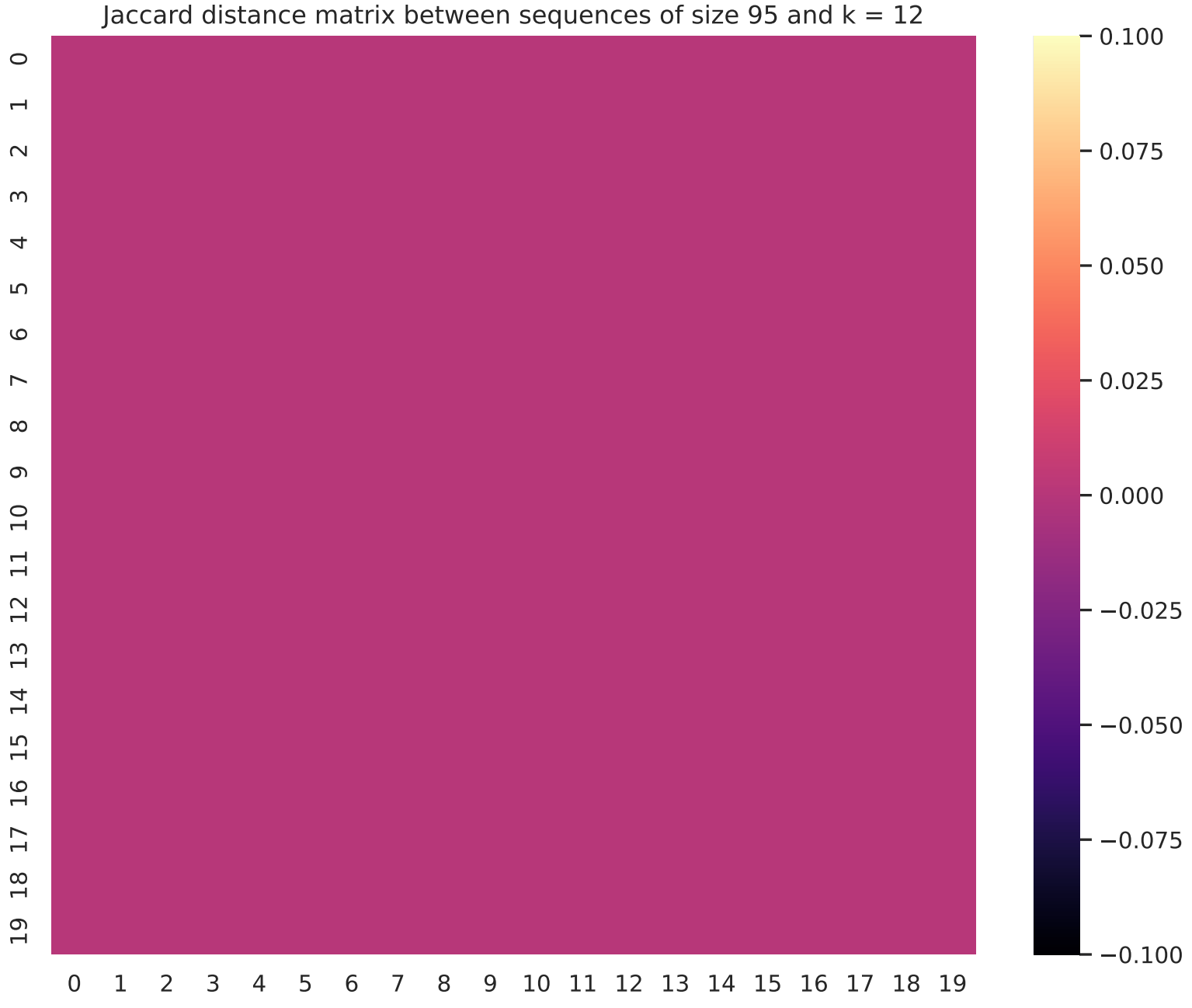

Jaccard distance matrix between sequences of size 90 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

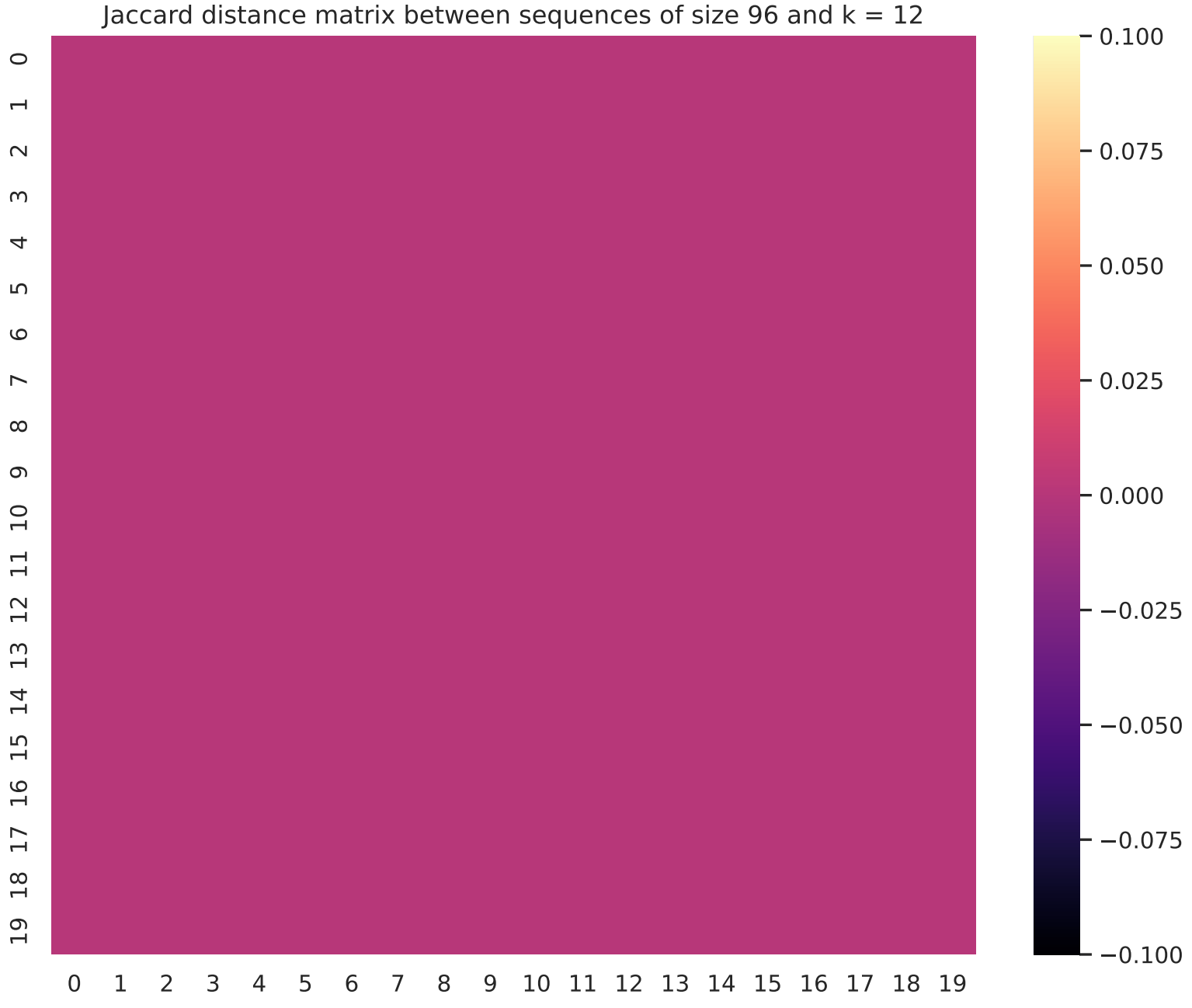

Jaccard distance matrix between sequences of size 91 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

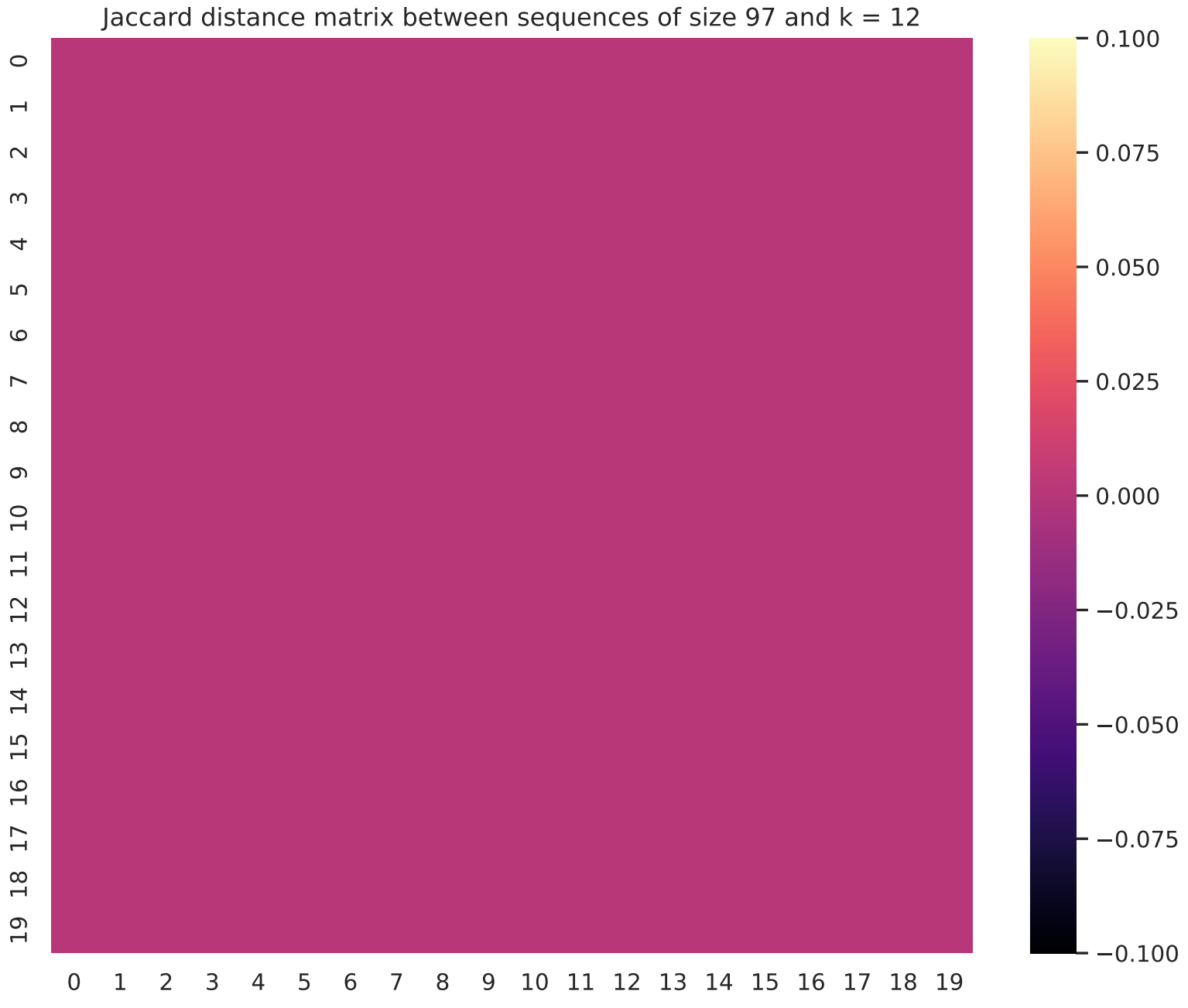

Jaccard distance matrix between sequences of size 92 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

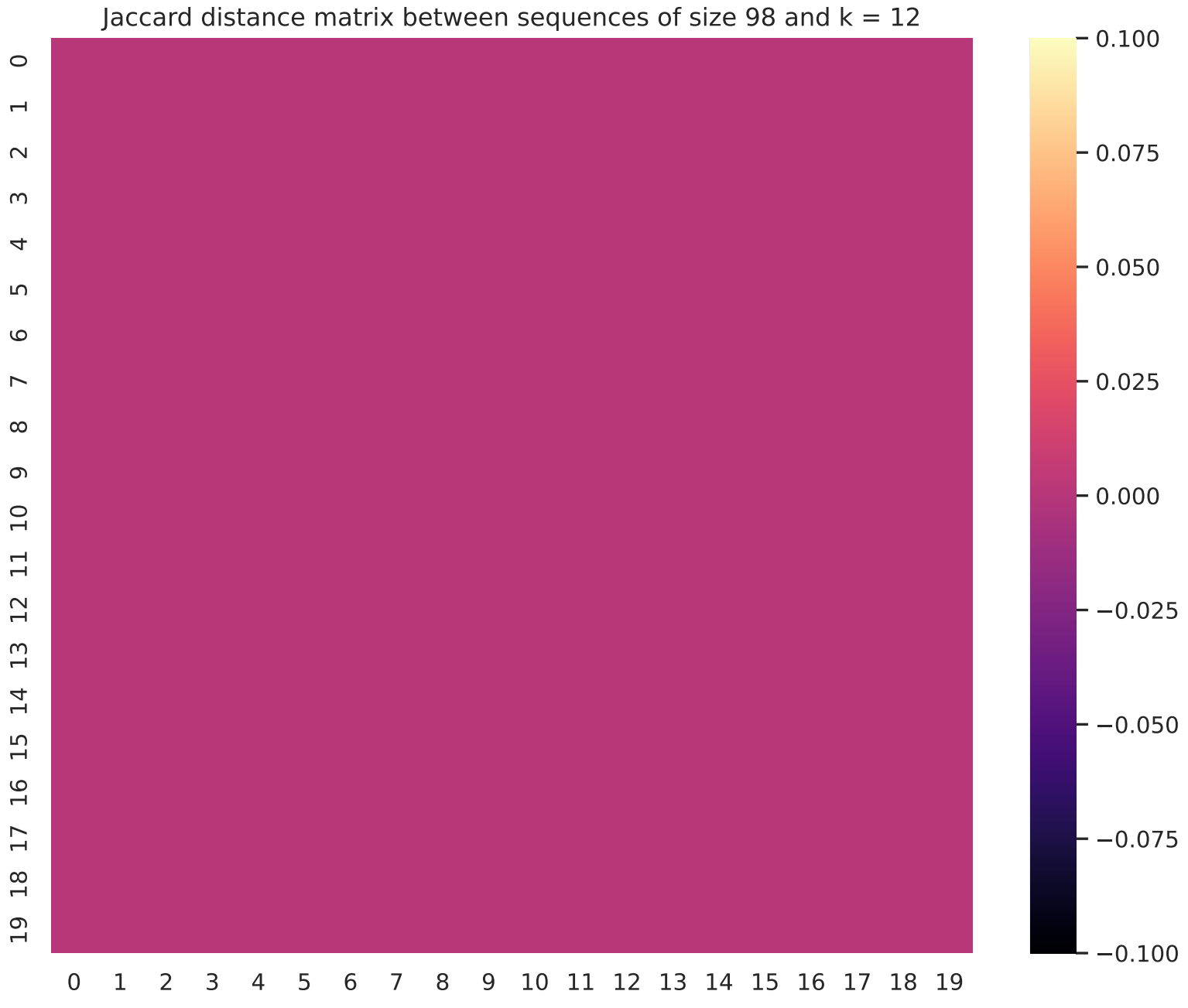

Jaccard distance matrix between sequences of size 93 and k = 12
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.0175
0.0150
0.0125
0.0100
0.0075
0.0050
0.0025
0.0000

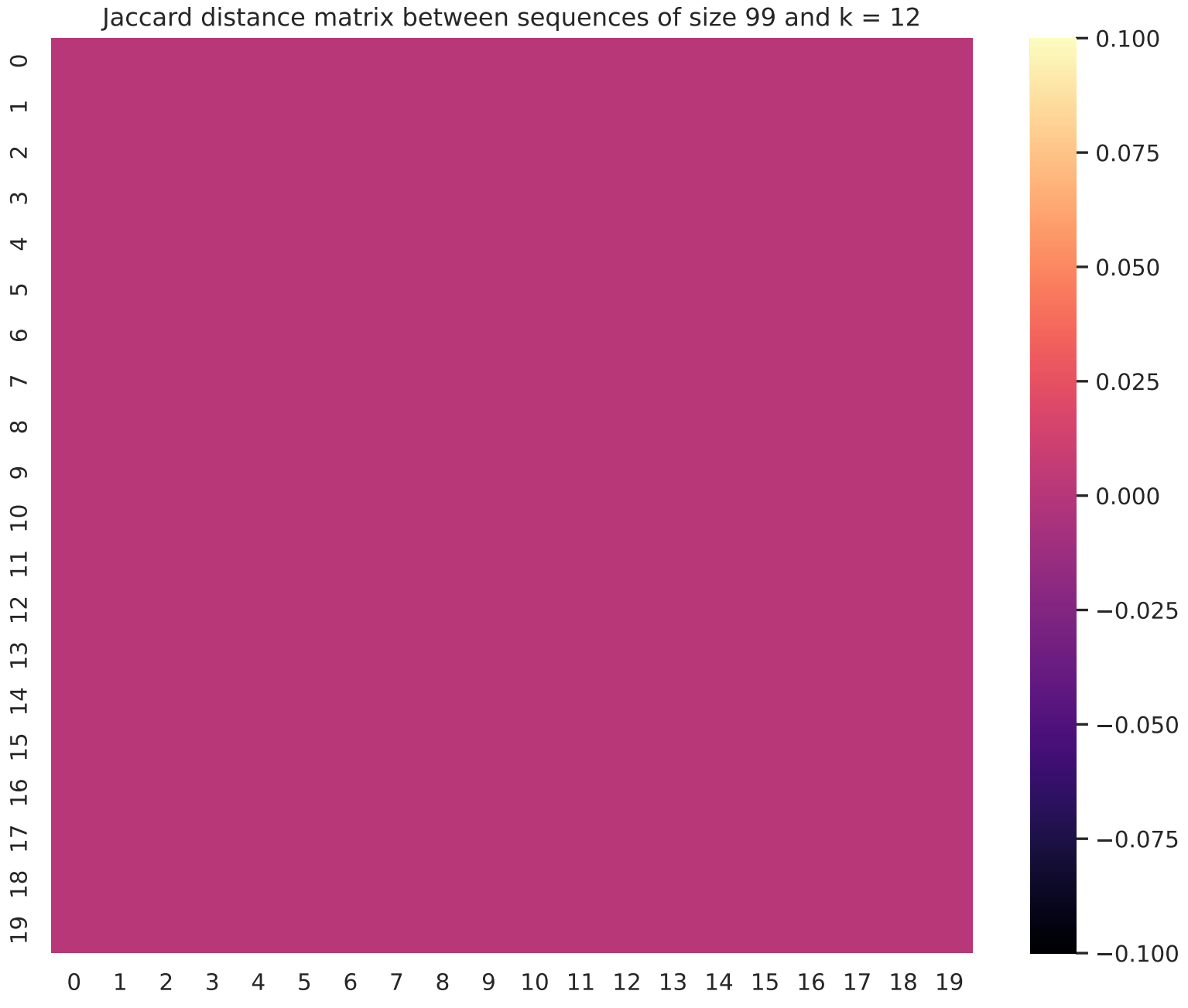

Jaccard distance matrix between sequences of size 94 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

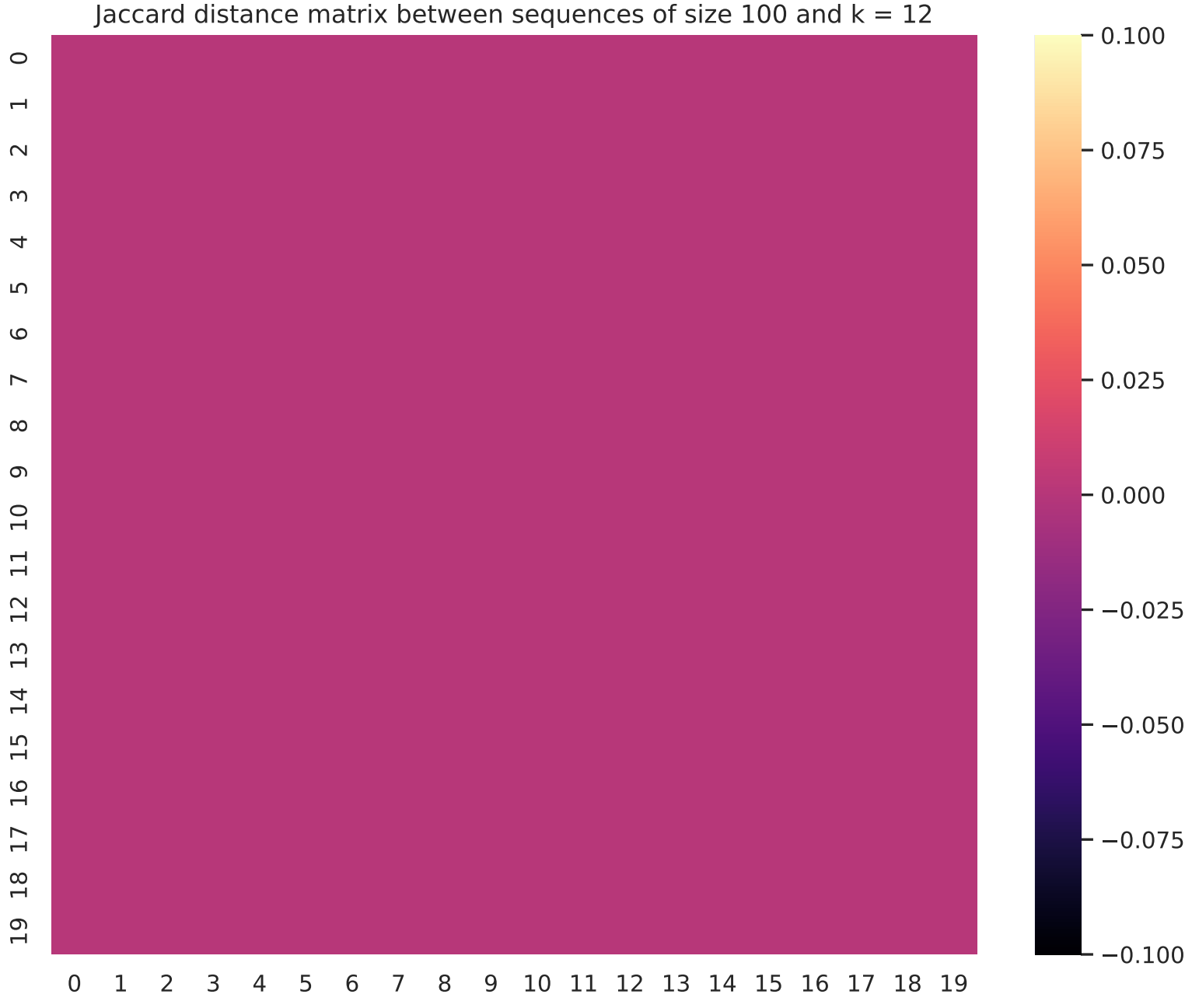

Jaccard distance matrix between sequences of size 95 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100

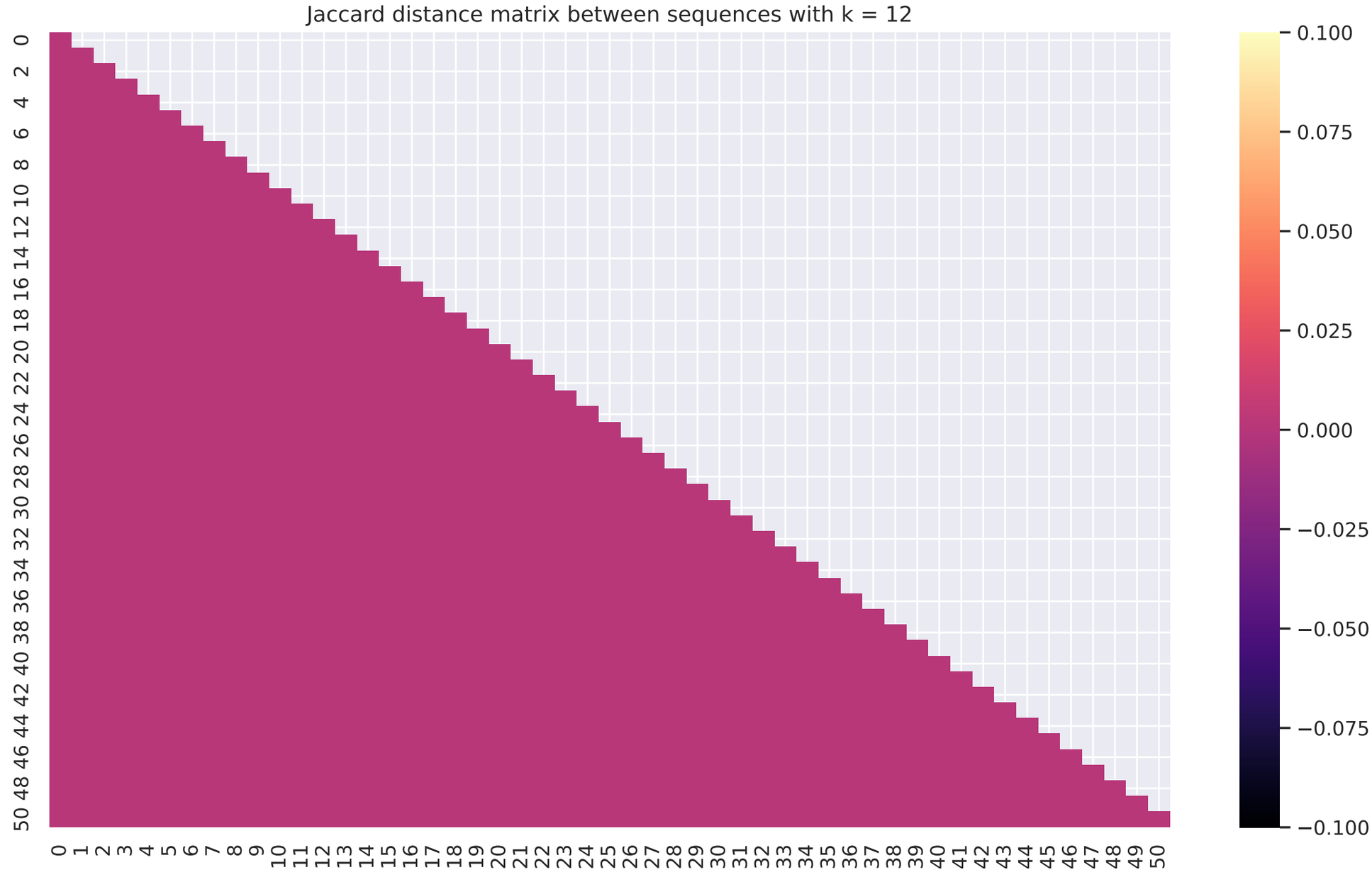

Jaccard distance matrix between sequences of size 96 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100


Jaccard distance matrix between sequences of size 97 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100


Jaccard distance matrix between sequences of size 98 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100


Jaccard distance matrix between sequences of size 99 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100


Jaccard distance matrix between sequences of size 100 and k = 12
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100


Jaccard distance matrix between sequences with k = 12
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
0.100
0.075
0.050
0.025
0.000
−0.025
−0.050
−0.075
−0.100