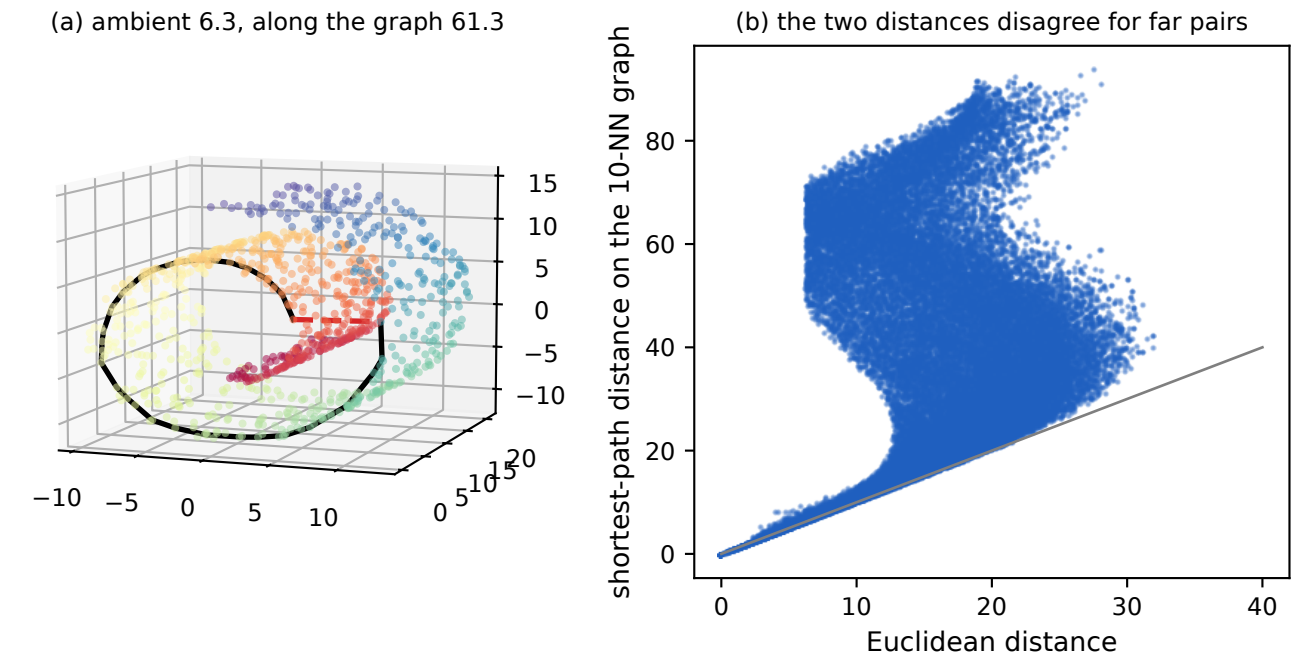

(a) ambient 6.3, along the graph 61.3
15
10
5
0
−5
−10
−10
−5
0
5
10
0
5
10
15
20
(b) the two distances disagree for far pairs
shortest-path distance on the 10-NN graph
0
20
40
60
80
0
10
20
30
40
Euclidean distance