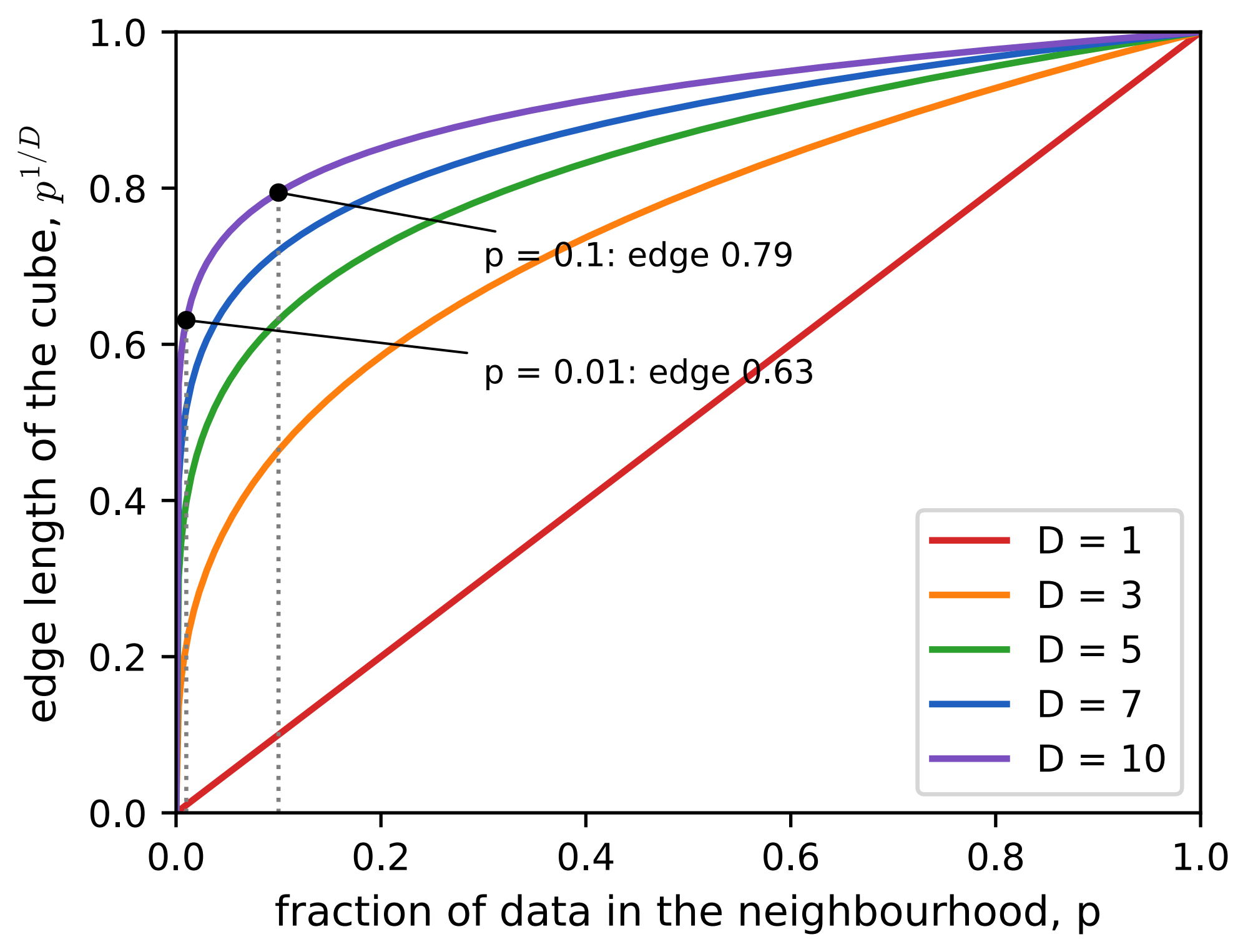

1.0
0.8
0.6
0.4
0.2
0.0
edge length of the cube, $p^{1/D}$
p = 0.1: edge 0.79
p = 0.01: edge 0.63
D = 1
D = 3
D = 5
D = 7
D = 10
0.0
0.2
0.4
0.6
0.8
1.0
fraction of data in the neighbourhood, p