

Data set and similarity function

Data set:
Two moons (balanced)

Number of data points: 131

10 500

UPDATE DATA PLOTS

UPDATE ALL PLOTS

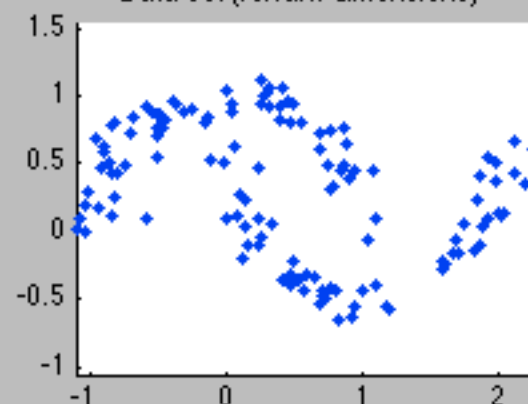
Data Dimensions: 18

2 200

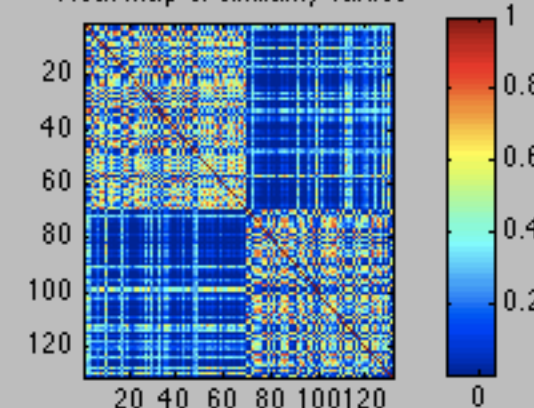
Kernel width sigma: 0.72

10^{-2} 10^2

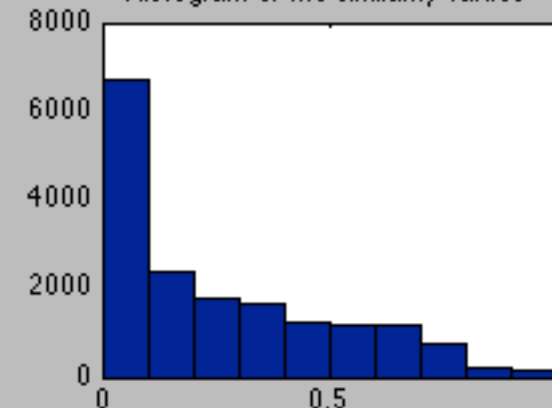
Data set (relevant dimensions)



Heat map of similarity values



Histogram of the similarity values



First similarity graph

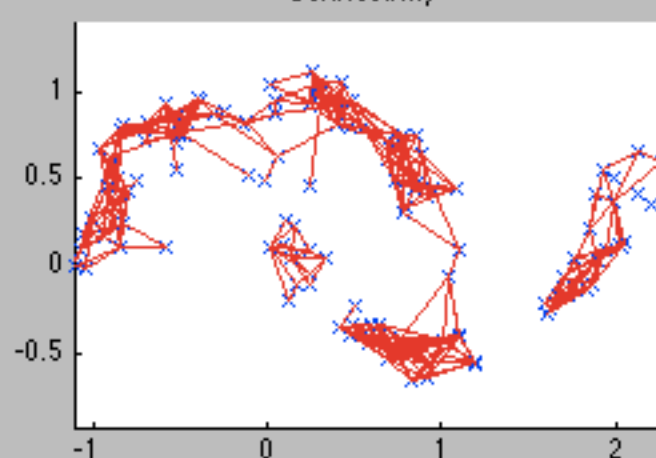
Eps-graph (weighted)

Current eps: 0.36951

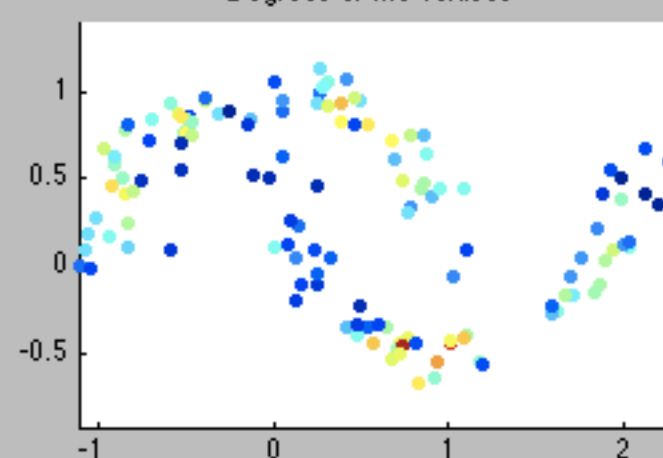
0 12.0644

PLOT IT

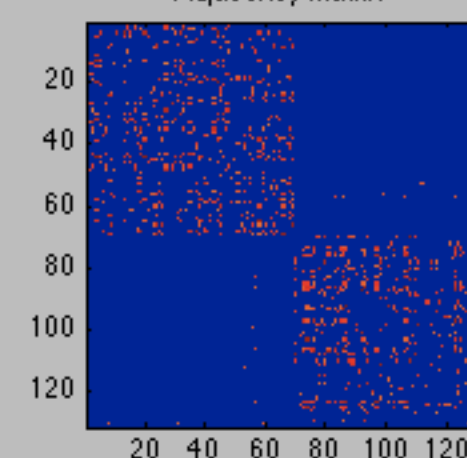
Connectivity



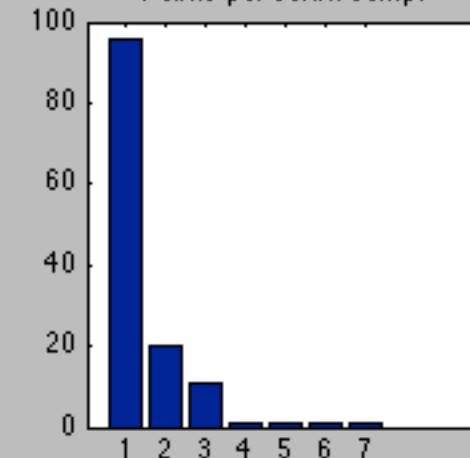
Degrees of the vertices



Adjacency matrix



Points per conn. comp.



Second similarity graph

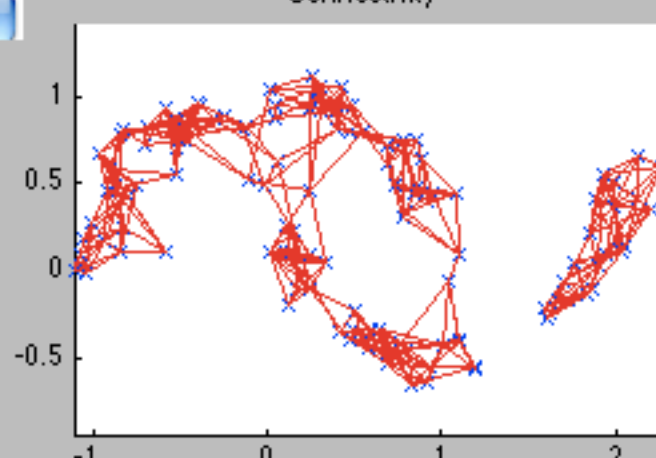
Symmetric kNN

Current k: 5

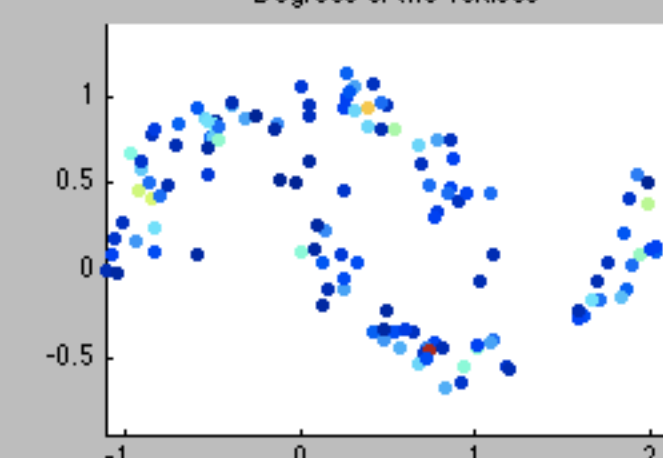
1 50

PLOT IT

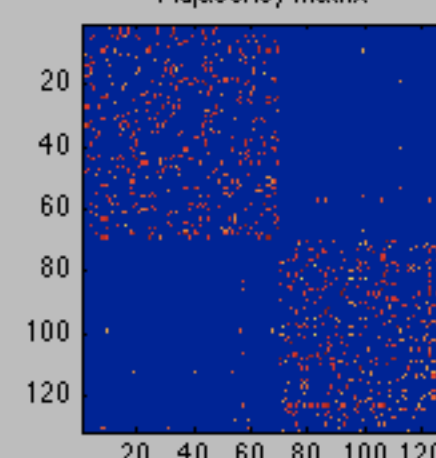
Connectivity



Degrees of the vertices



Adjacency matrix



Points per conn. comp.

