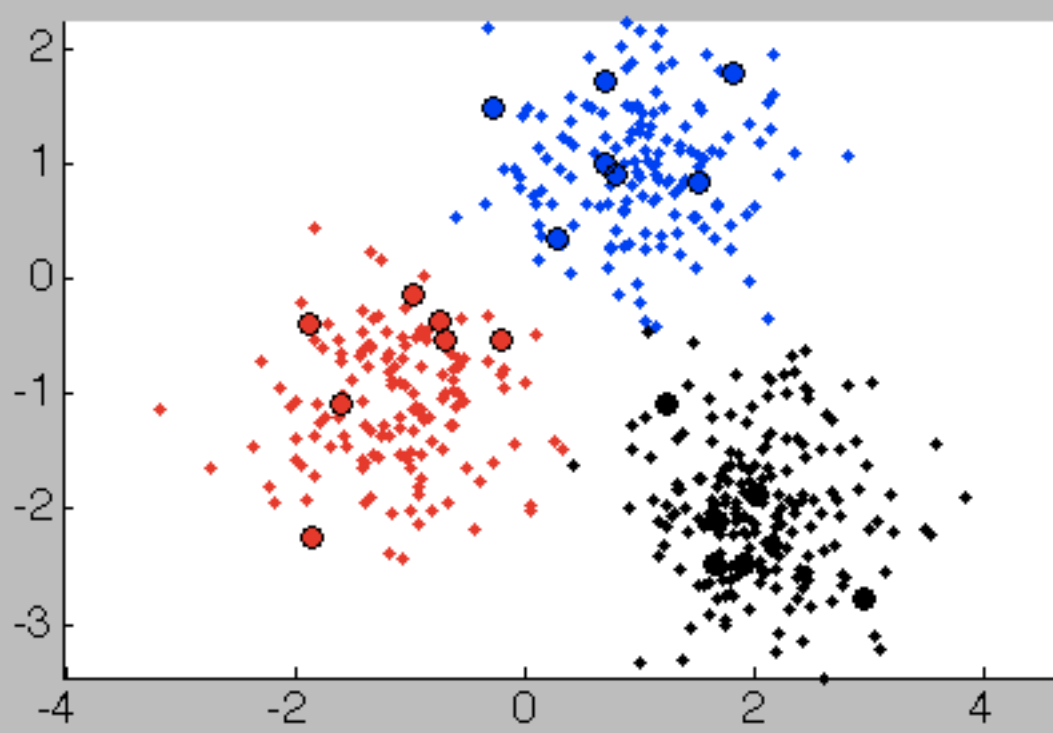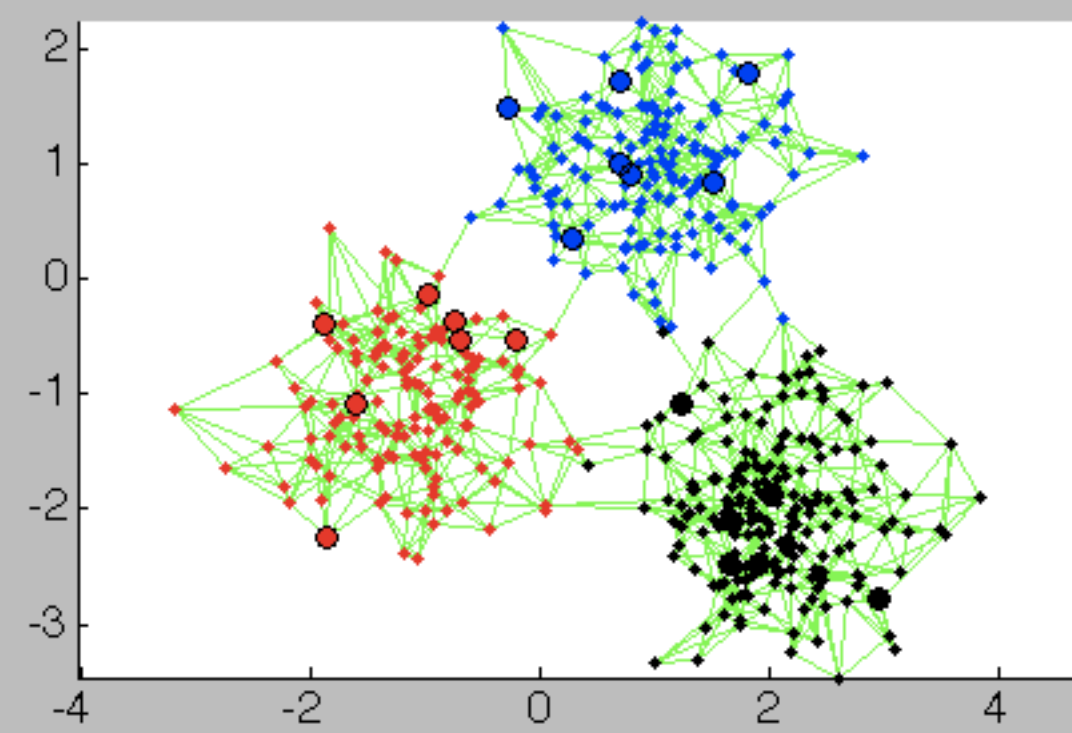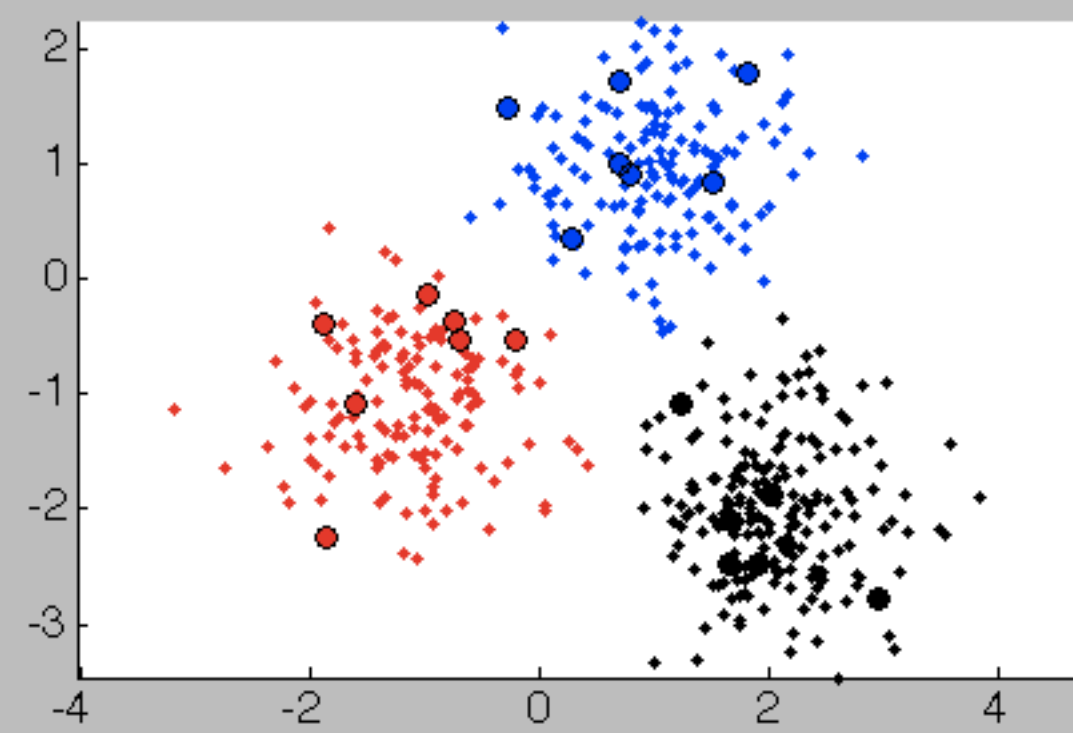## Input

The graph

Output of the SSL algorithm

Data Generator

Data Type

Three Gaussians

Draw new data

Draw new labels

Update ALL

Dimension

3

Number of labeled points

20

Graph Properties

Graph Type

Symmetric KNN

Number of Neighbors

5

Kernel width

1

Total number of points: 500

Graph Statistics

Number of Edges between Classes	23
Number of Edges within Classes	1607
Weights between Classes	18.34
Weights within Classes	1454.04
Connected Components	1

SSL Parameters

Regularization Parameter

1.00e+00

SSL Classification Results

Training error: 0.0%   **Test error:** 0.6%   **Not labeled:** 0.0%

Demo on Semi-supervised Learning, Practical Session MLSS 2007, Matthias Hein and Ulrike von Luxburg