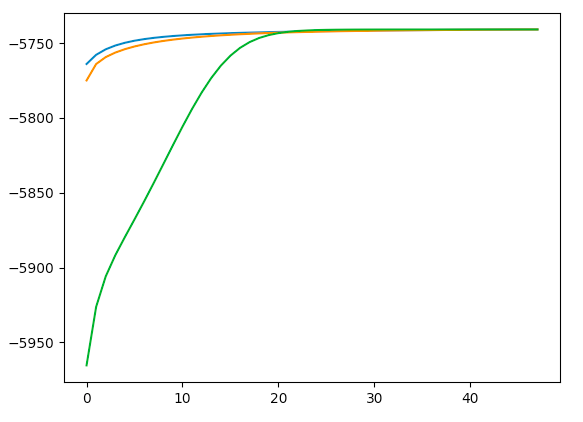
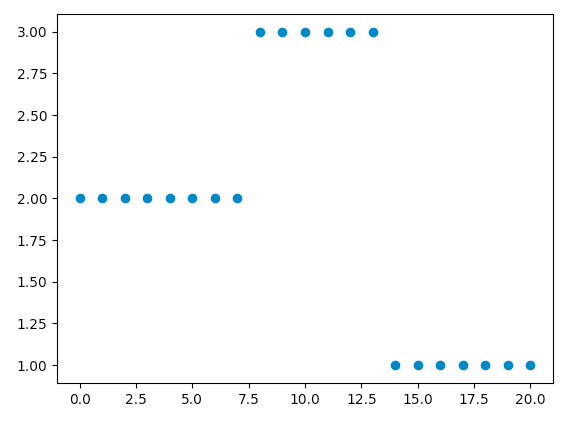
1. EM\_Algorithms:

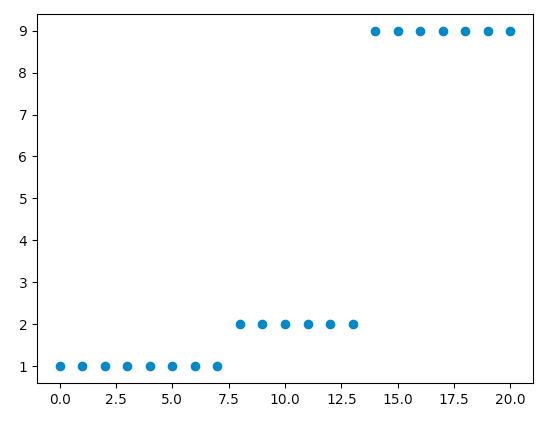
Blue: K = 15; Orange: K = 9; Green: K = 3



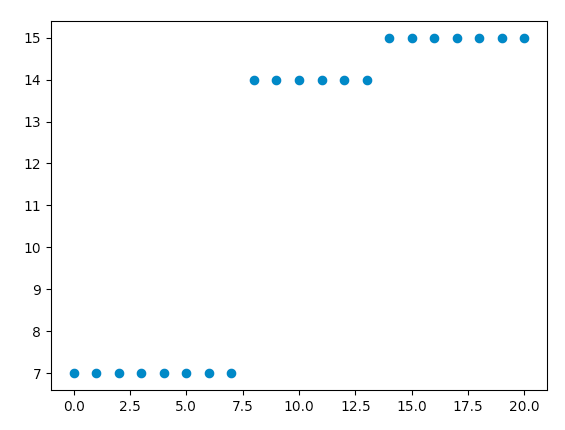
K = 3:



K = 9:

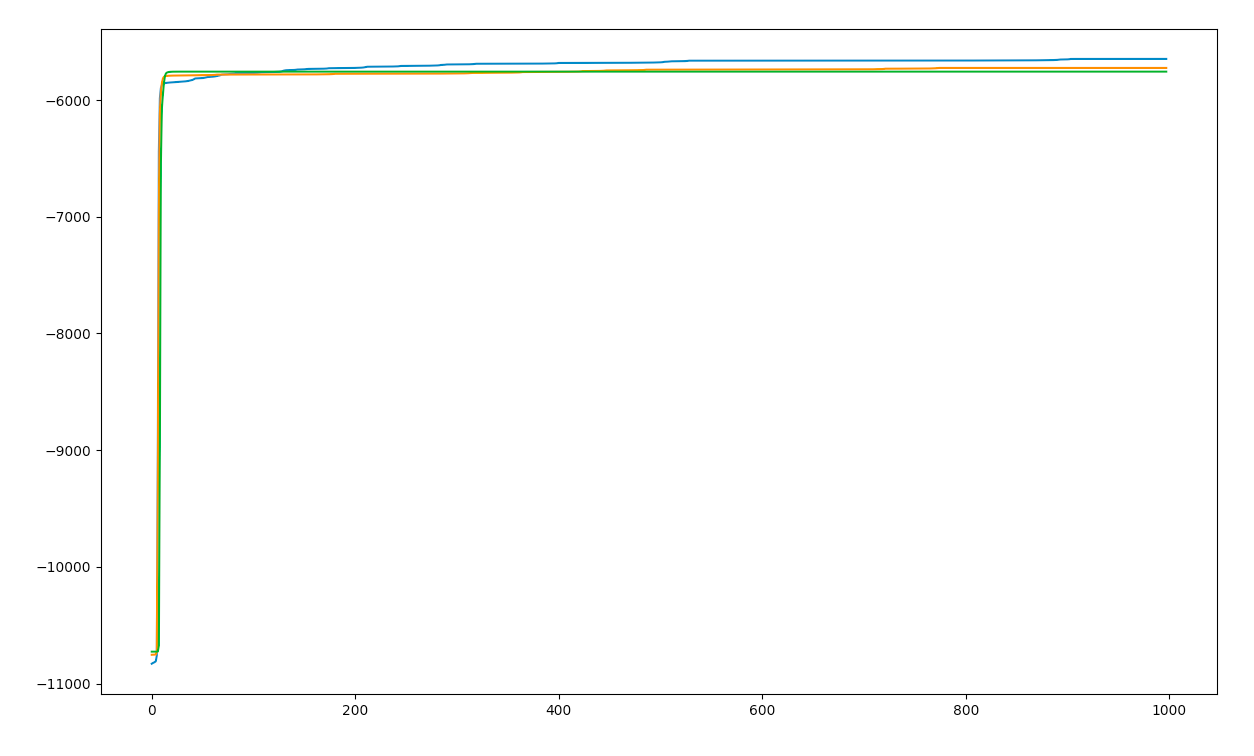


K = 15:

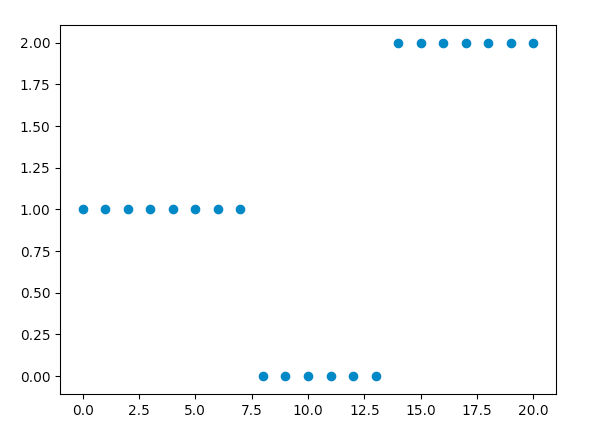


1. VI\_Algorithms:

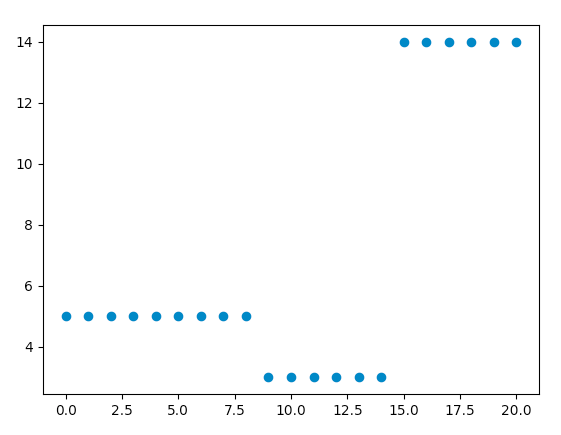
Blue: K = 50; Orange: K = 15; Green: K = 3



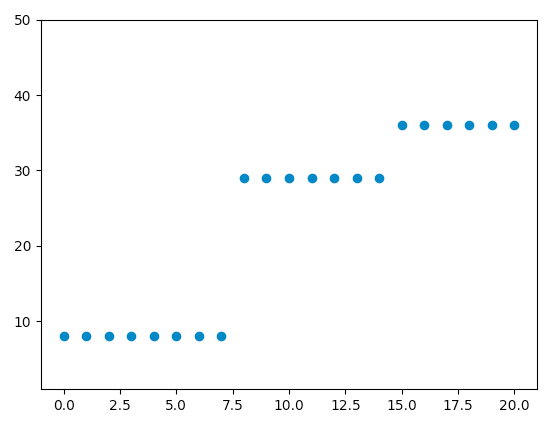
K = 3:



K = 15:

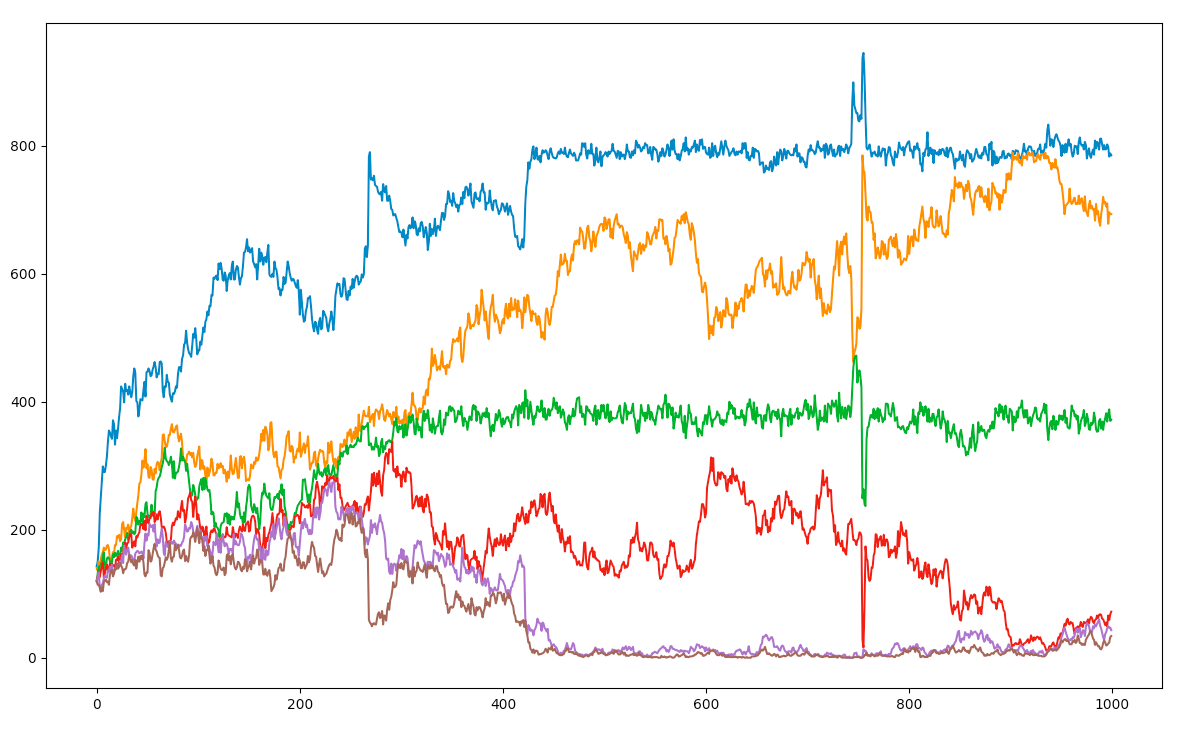


K = 50:



1. Gibbs Sampling:

six most probable clusters



Total number of clusters for each iteration

