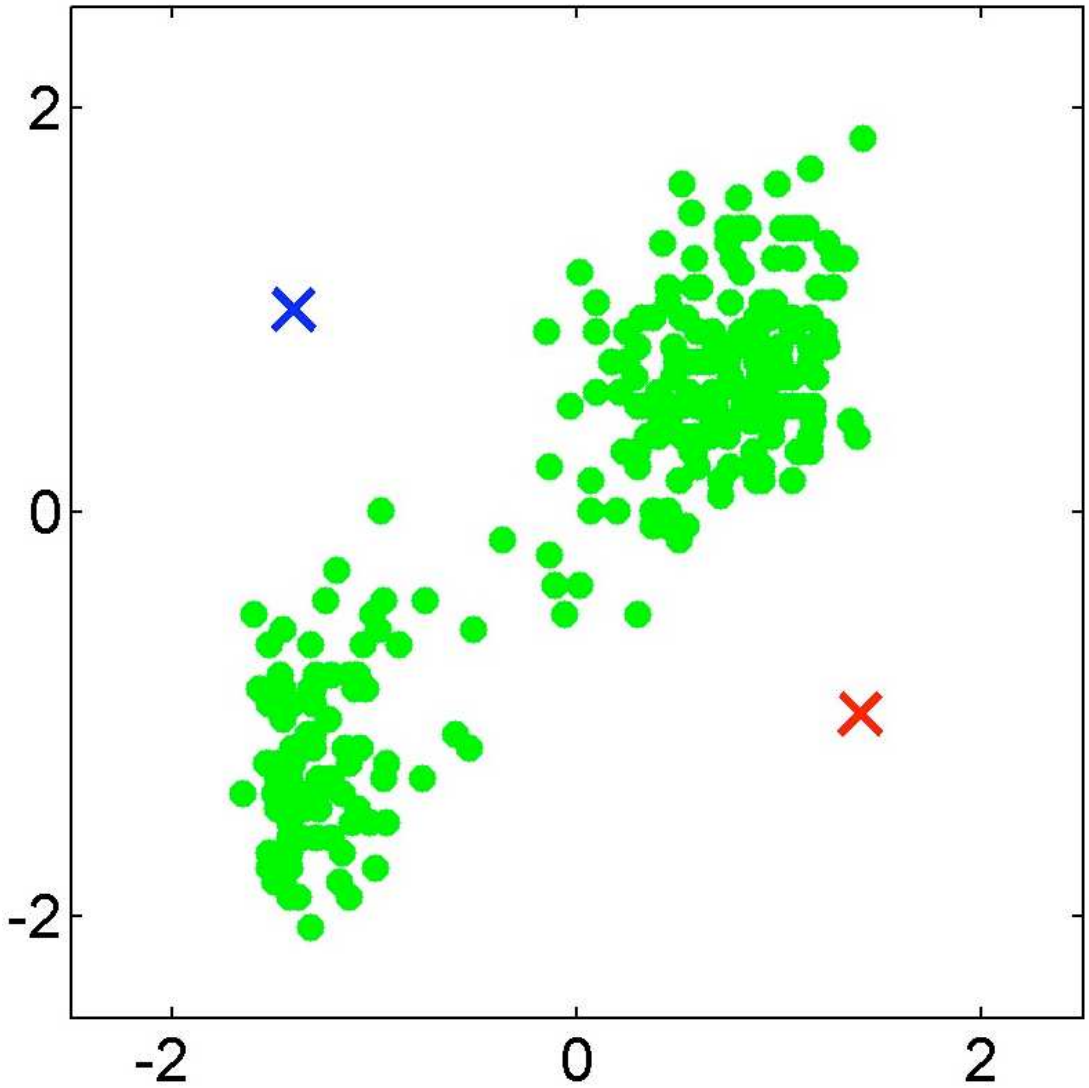
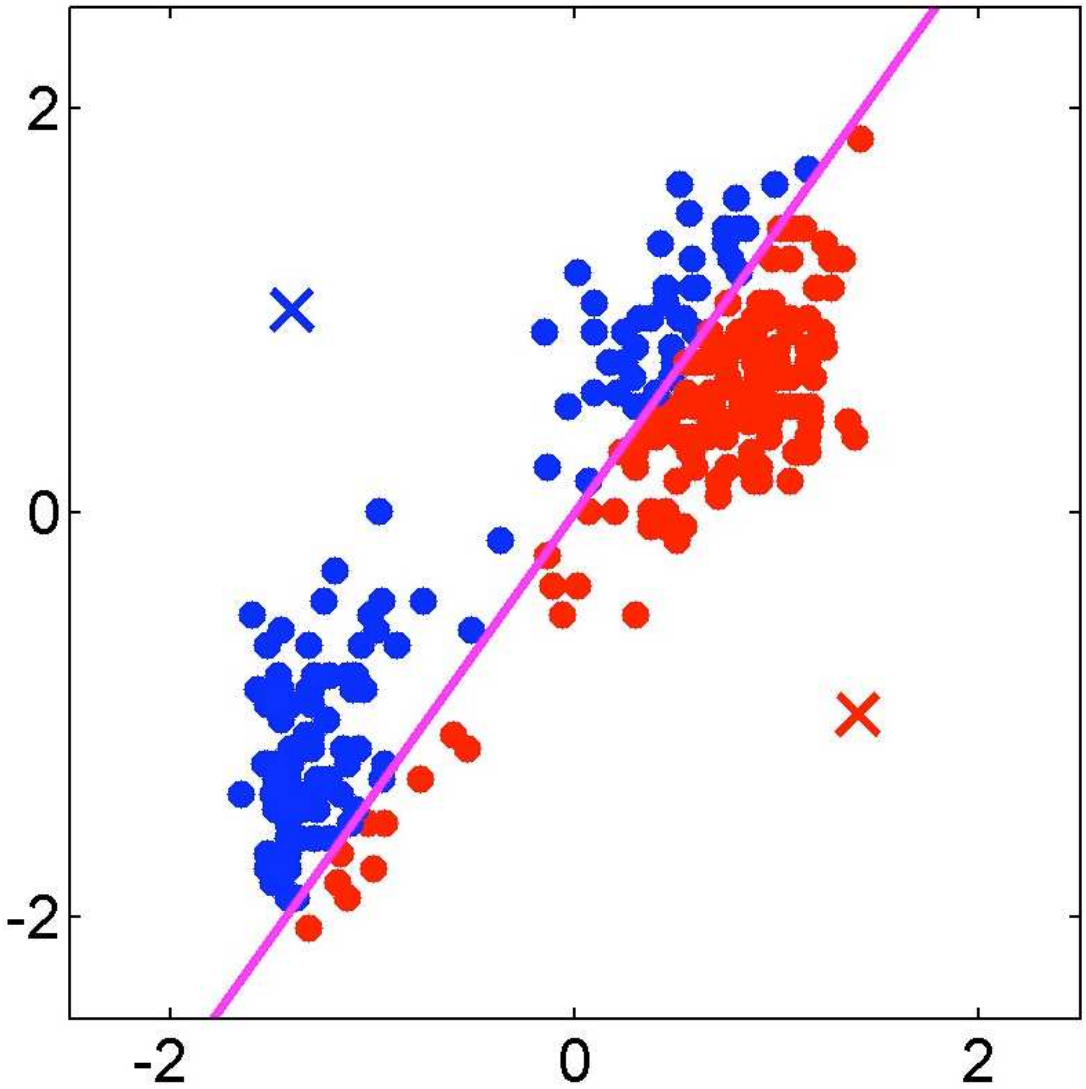
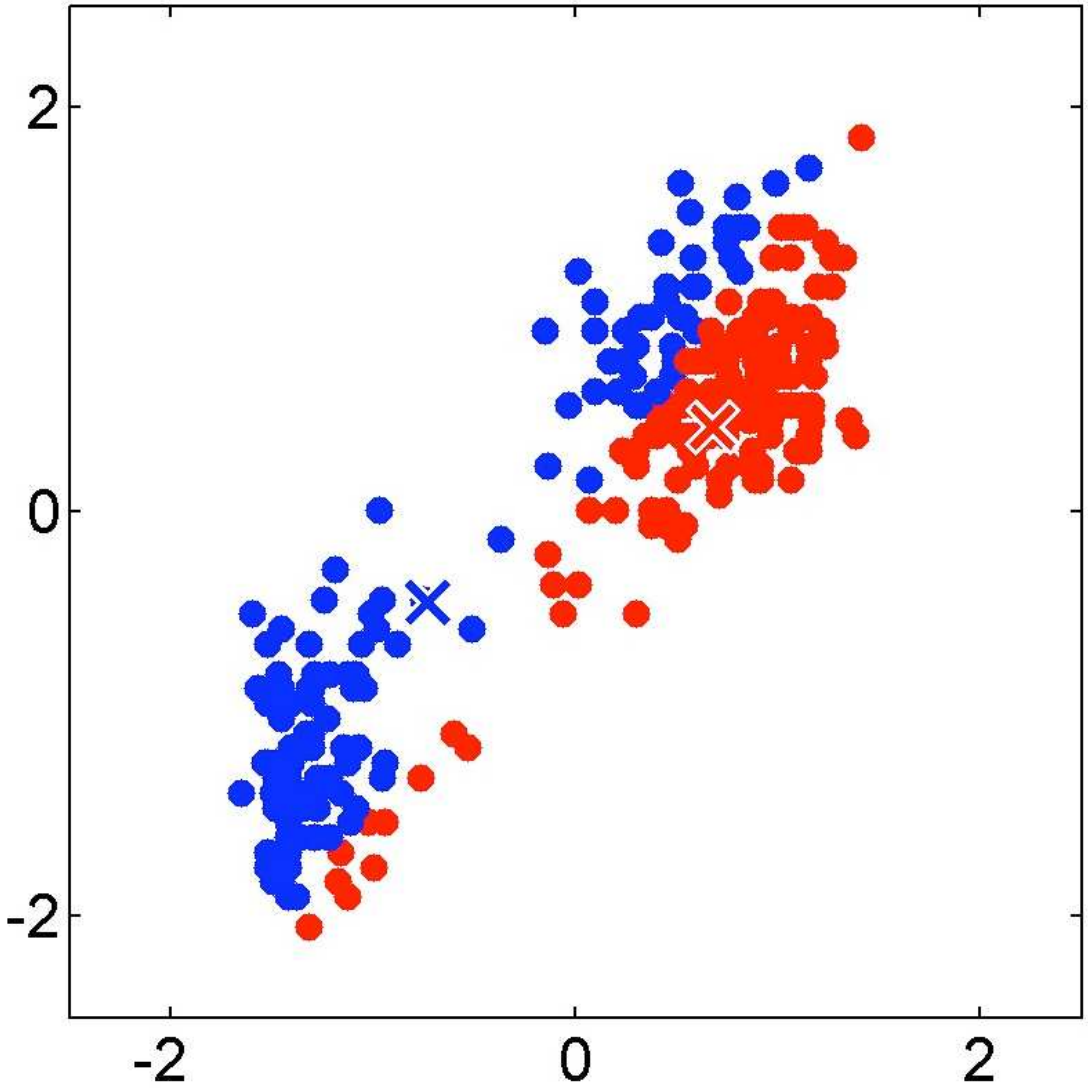
K-means: Initialization (assume $K = 2$)



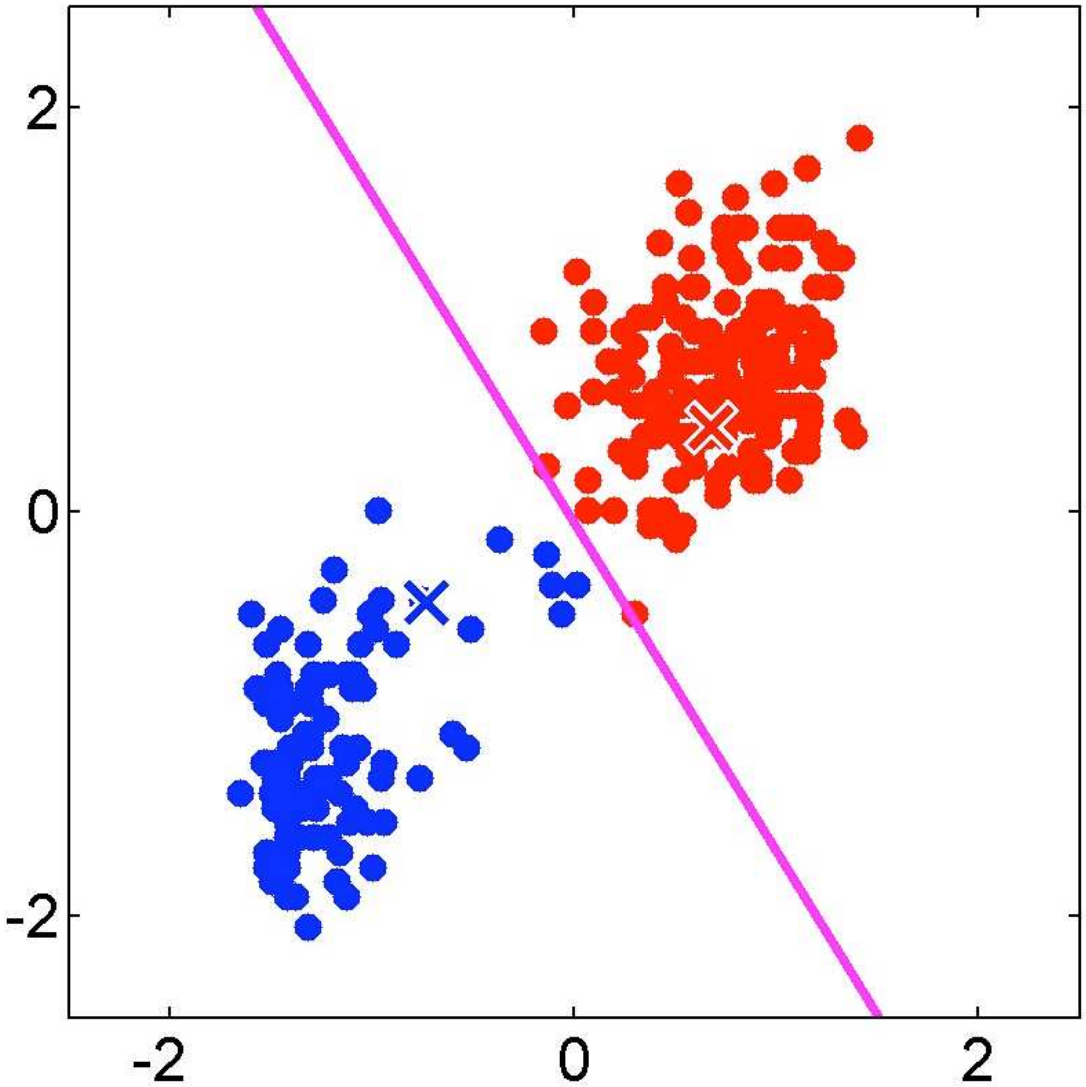
K-means iteration 1: Assigning points



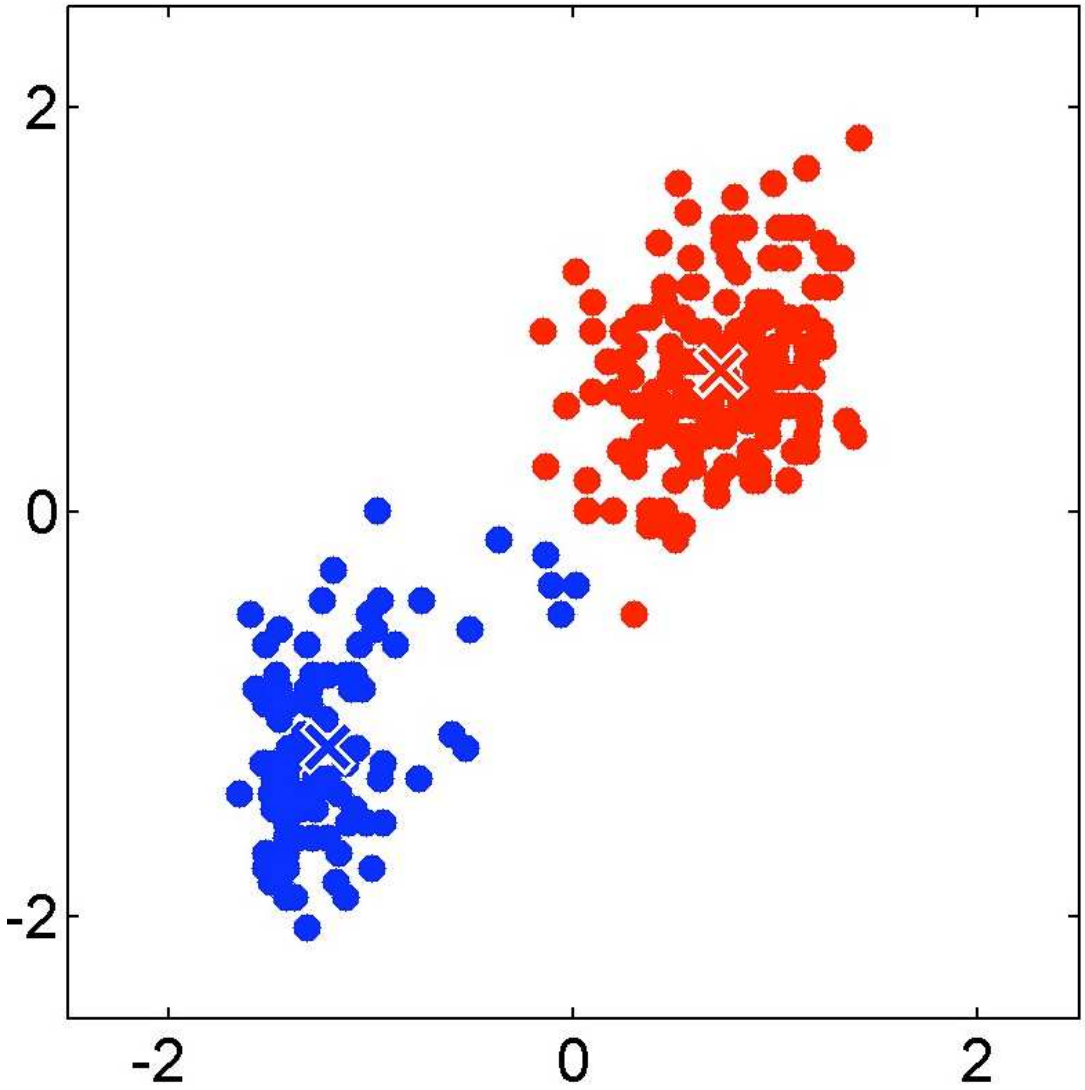
K-means iteration 1: Recomputing the cluster centers



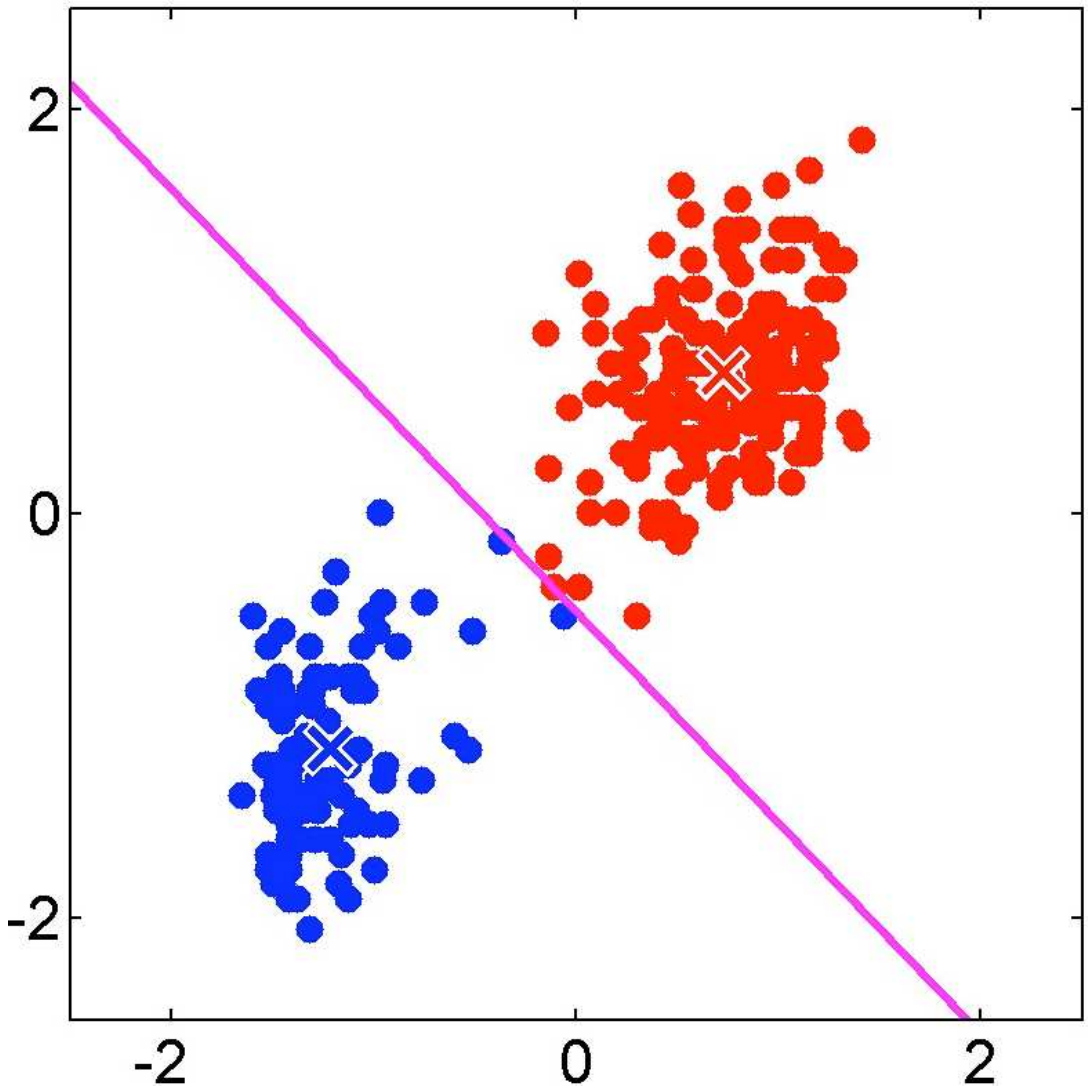
K-means iteration 2: Assigning points



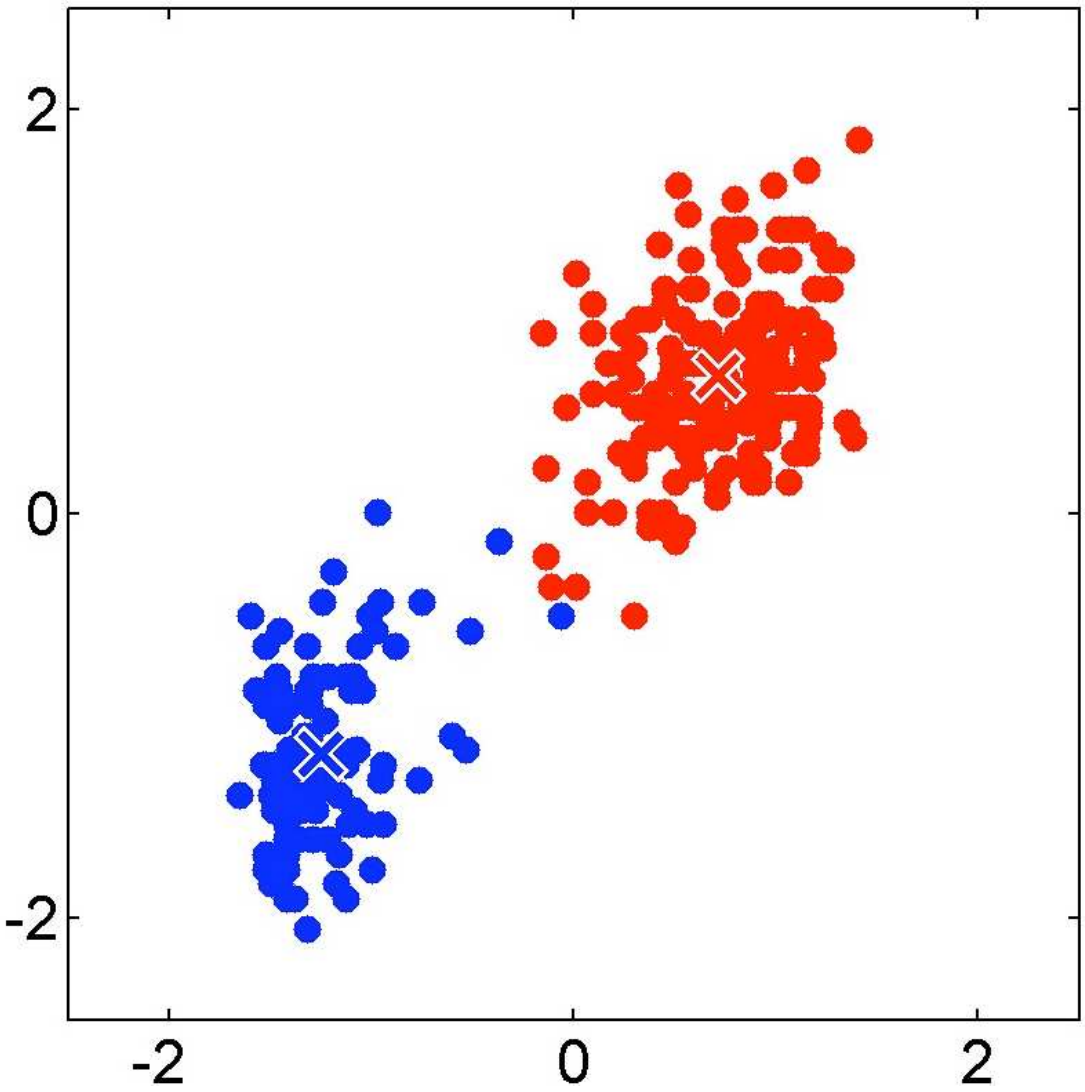
K-means iteration 2: Recomputing the cluster centers



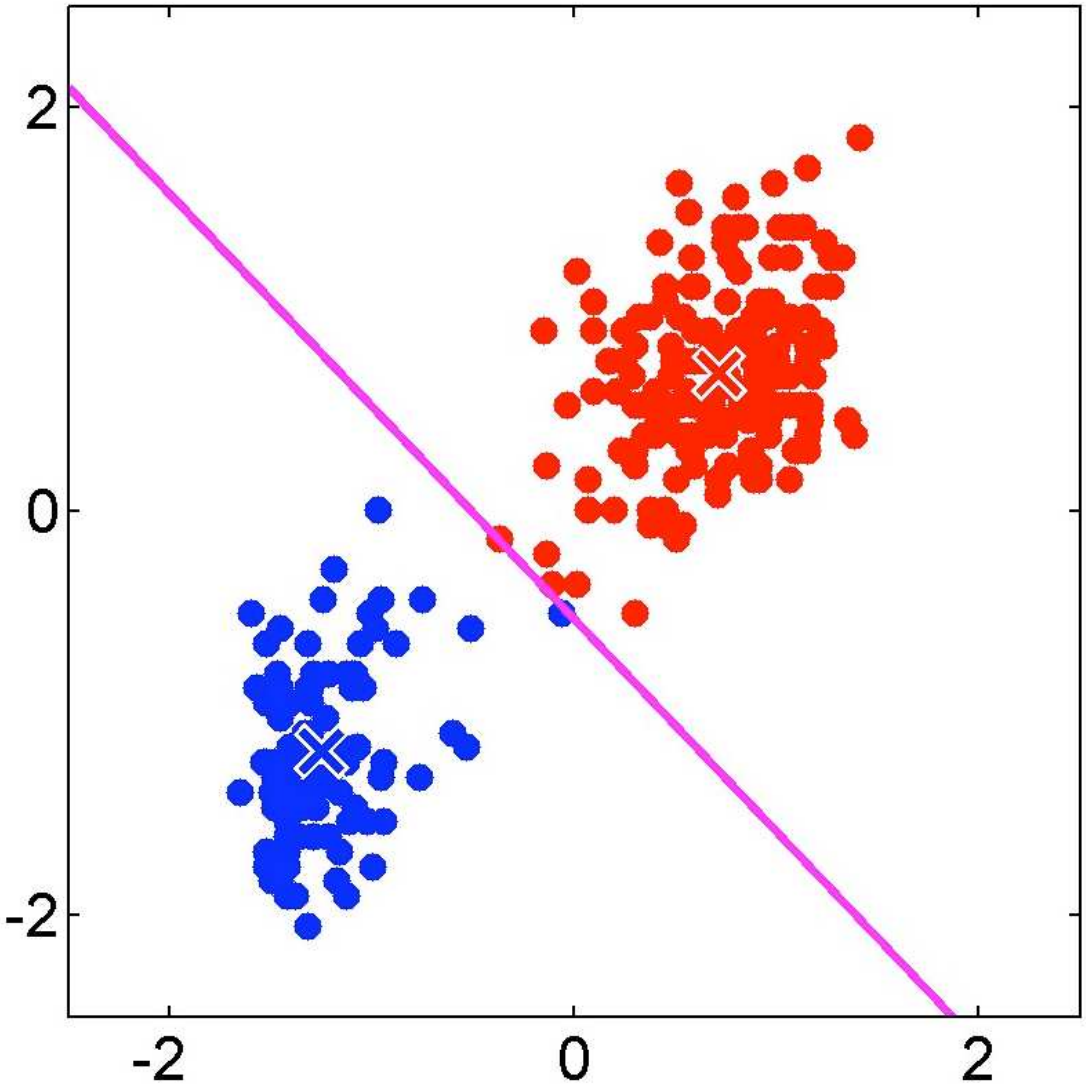
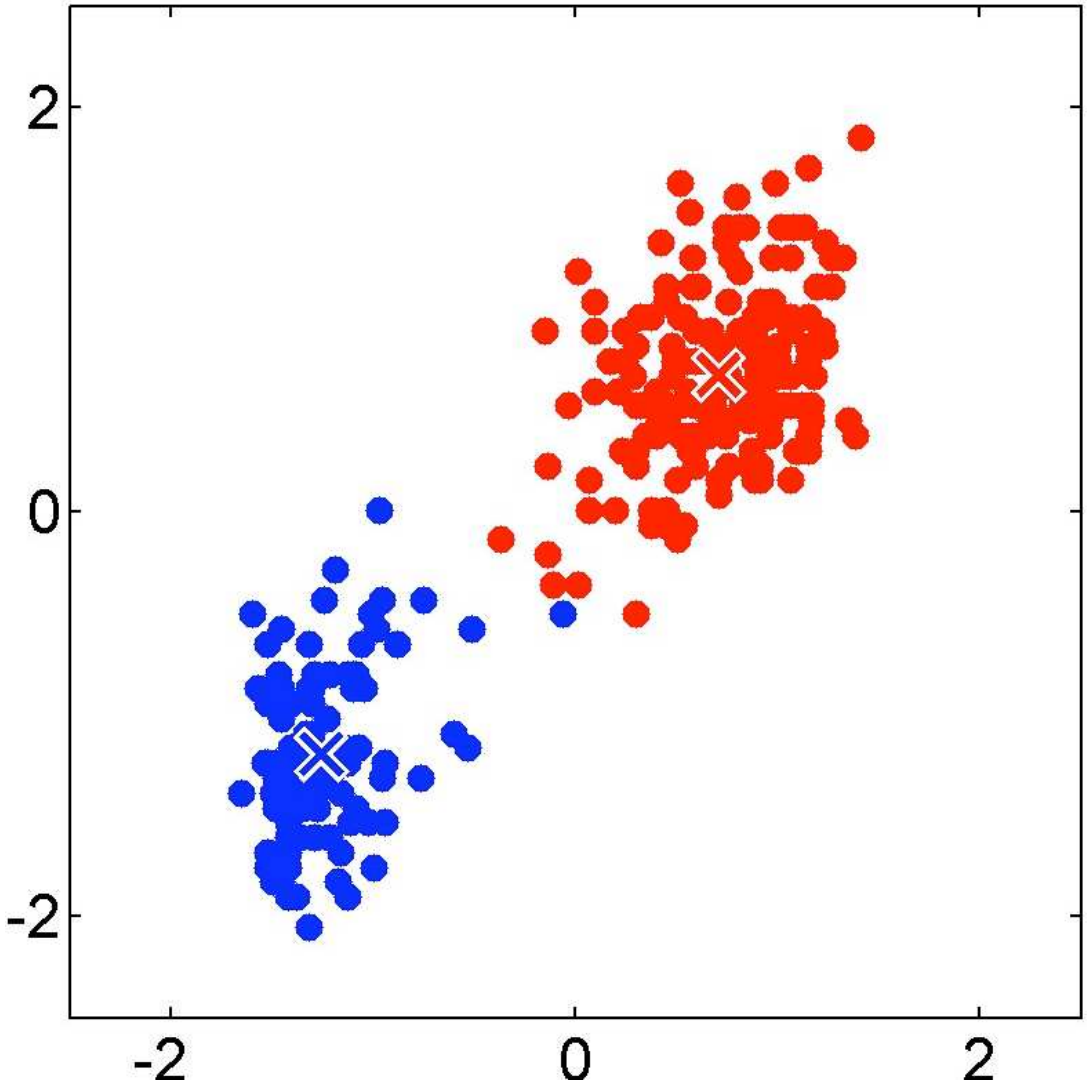
K-means iteration 3: Assigning points



K-means iteration 3: Recomputing the cluster centers



K-means iteration 4: Assigning points



K-means iteration 4: Recomputing the cluster centers