Silhouette: 0.5 . Avg. Distance: 0.5 Silhouette: 0.67 . Avg. Distance: 0.33 Silhouette: 0.33 . Avg. Distance: 0.67 0.8 0.8 0.8 -0.7 0.7 0.7 0.6 3.0 clusters 0.6 -0.6 -3.0 clusters 3.0 clusters 0.5 0.5 0.5 0.4 0.4 0.4 0.3 0.3 0.3 -0.2 0.2 0.1 0.1 0.1 0.0 0.0 0.0 -10 20 40 50 20 30 40 50 10 20 50 10 30 40 30 lter. Iter. lter. Silhouette Avg. Distance Highlight-Centroid Objective Function