Silhouette: 0.5 . Avg. Distance: 0.5 Silhouette: 0.67 . Avg. Distance: 0.33 Silhouette: 0.33 . Avg. Distance: 0.67 0.7 0.7 -0.7 0.6 2.0 clusters 0.6 0.6 2.0 clusters 2.0 clusters 0.5 -0.5 0.5 0.4 -0.4 0.3 -0.3 0.3 -0.2 0.2 0.2 0.1 0.1 0.1 0.0 0.0 -0.0 -20 40 50 50 30 50 10 10 30 40 20 40 30 10 lter. Iter. lter. Silhouette — Avg. Distance Highlight-Centroid Objective Function