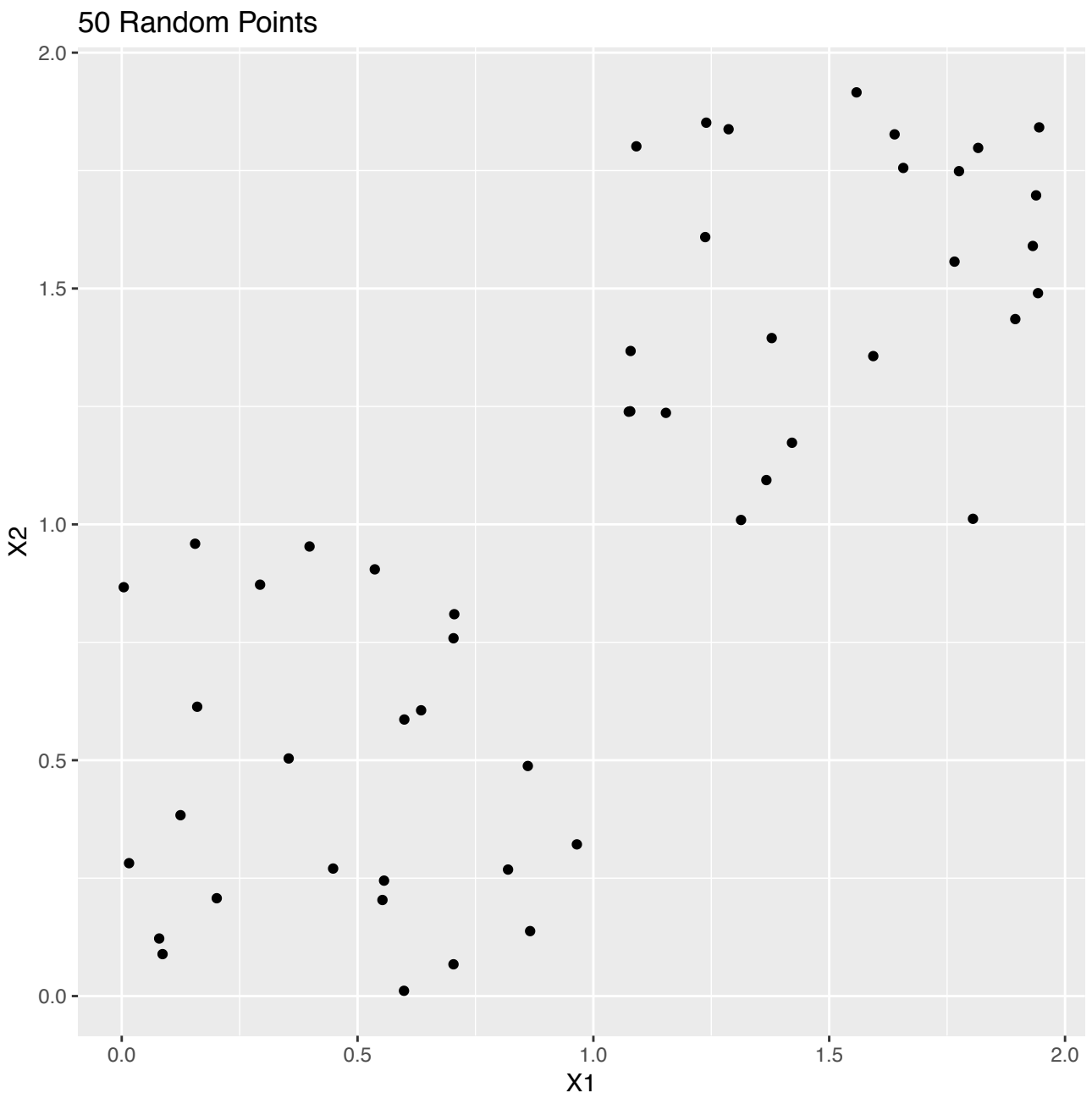
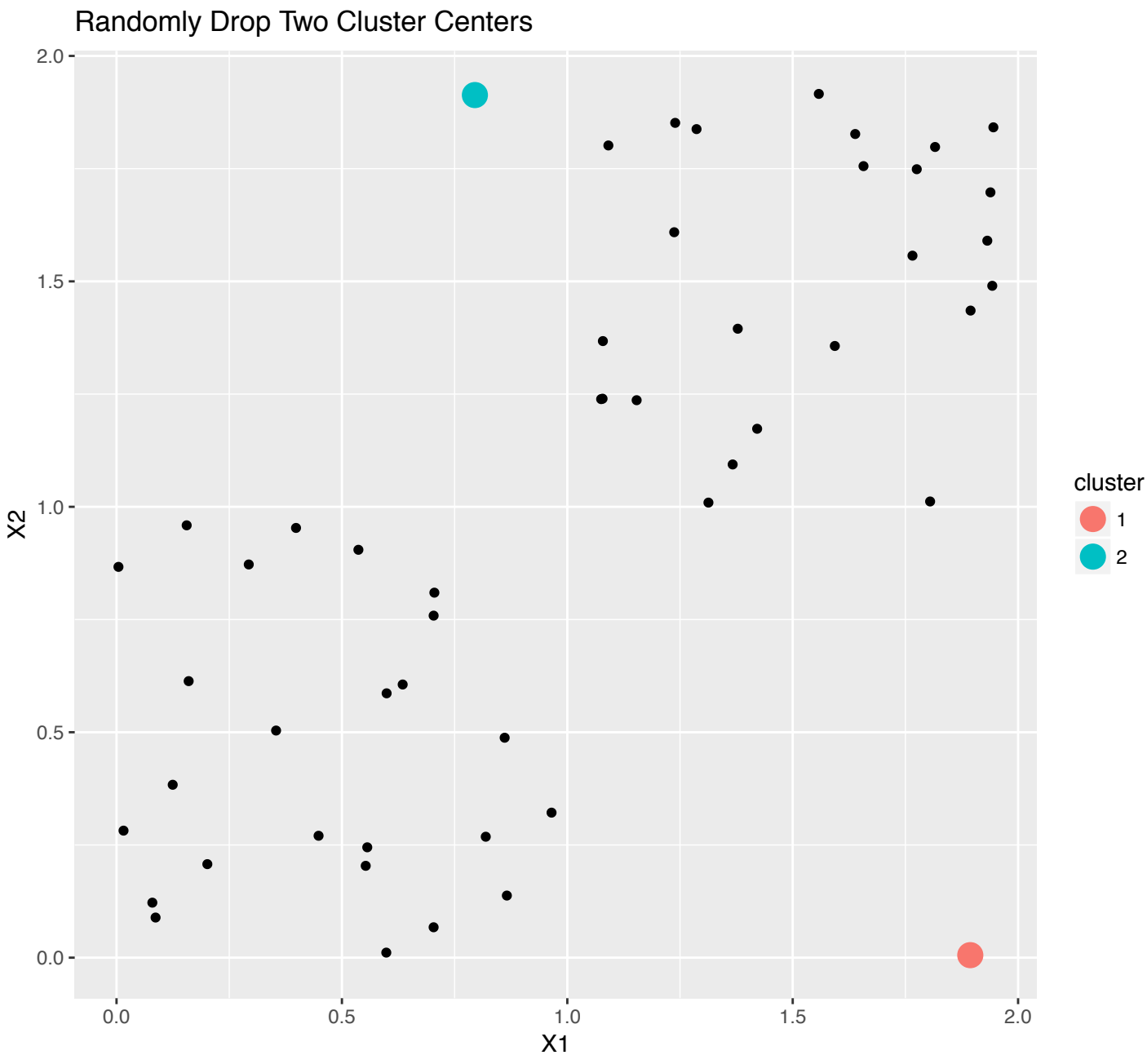
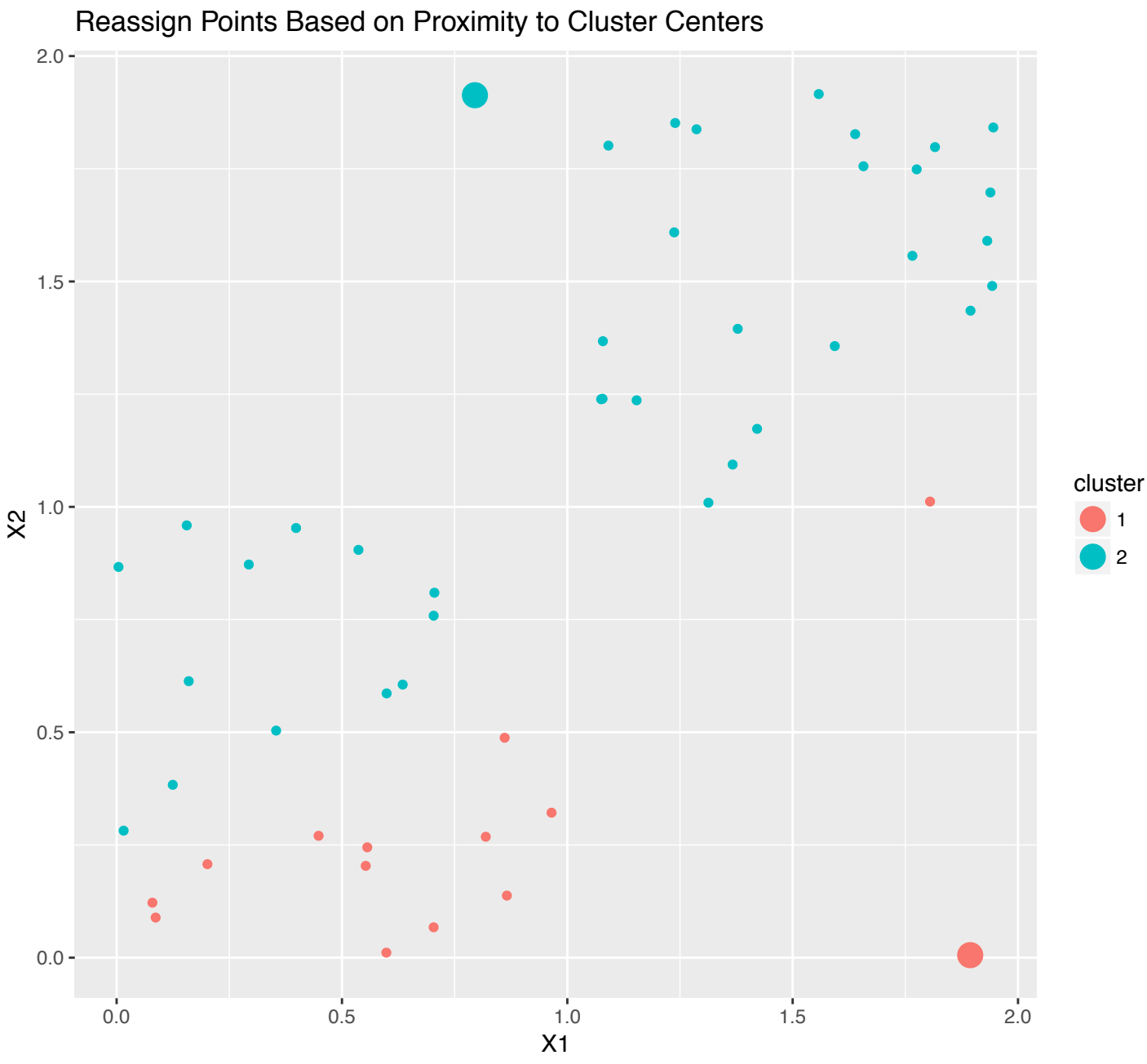
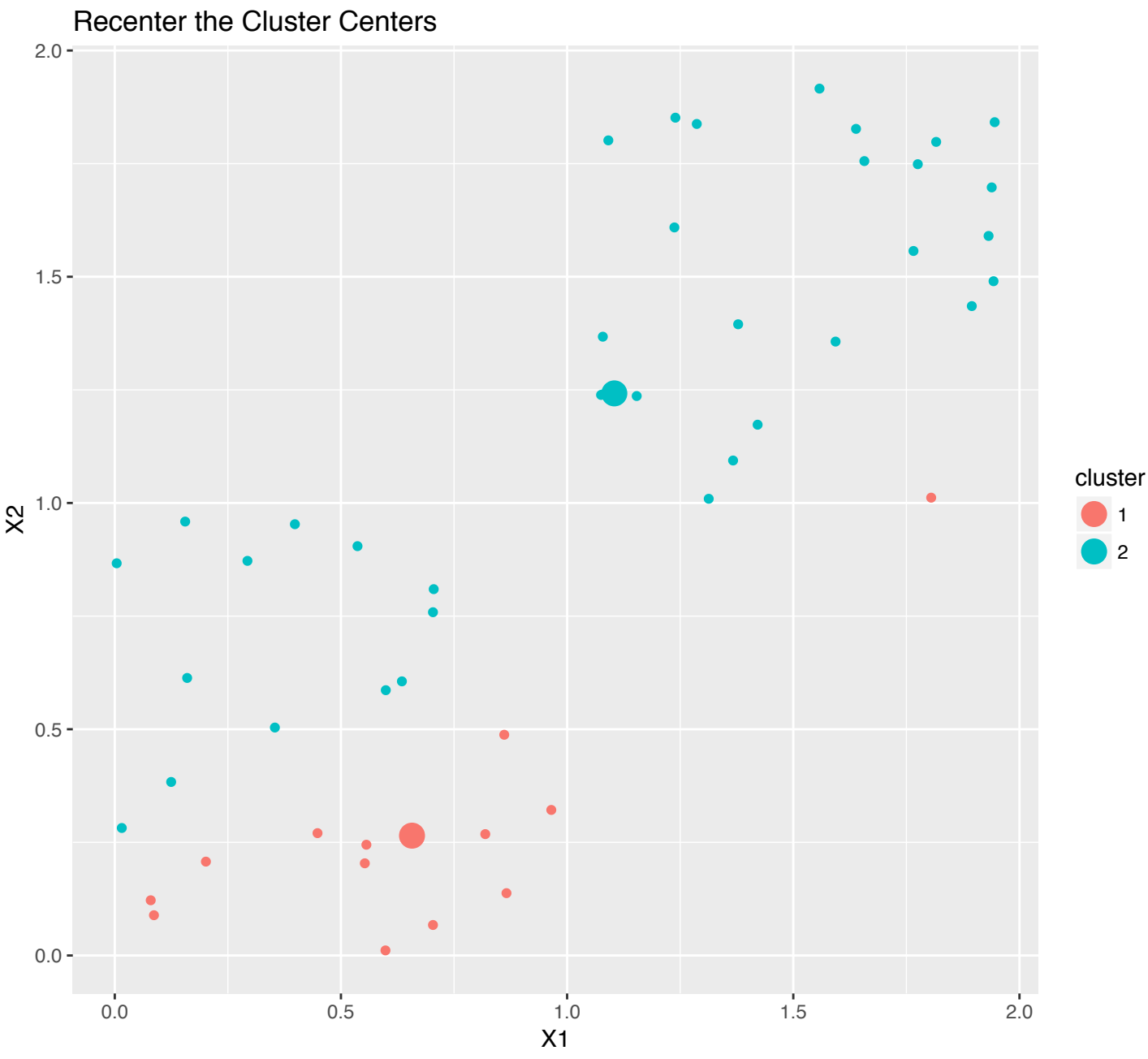
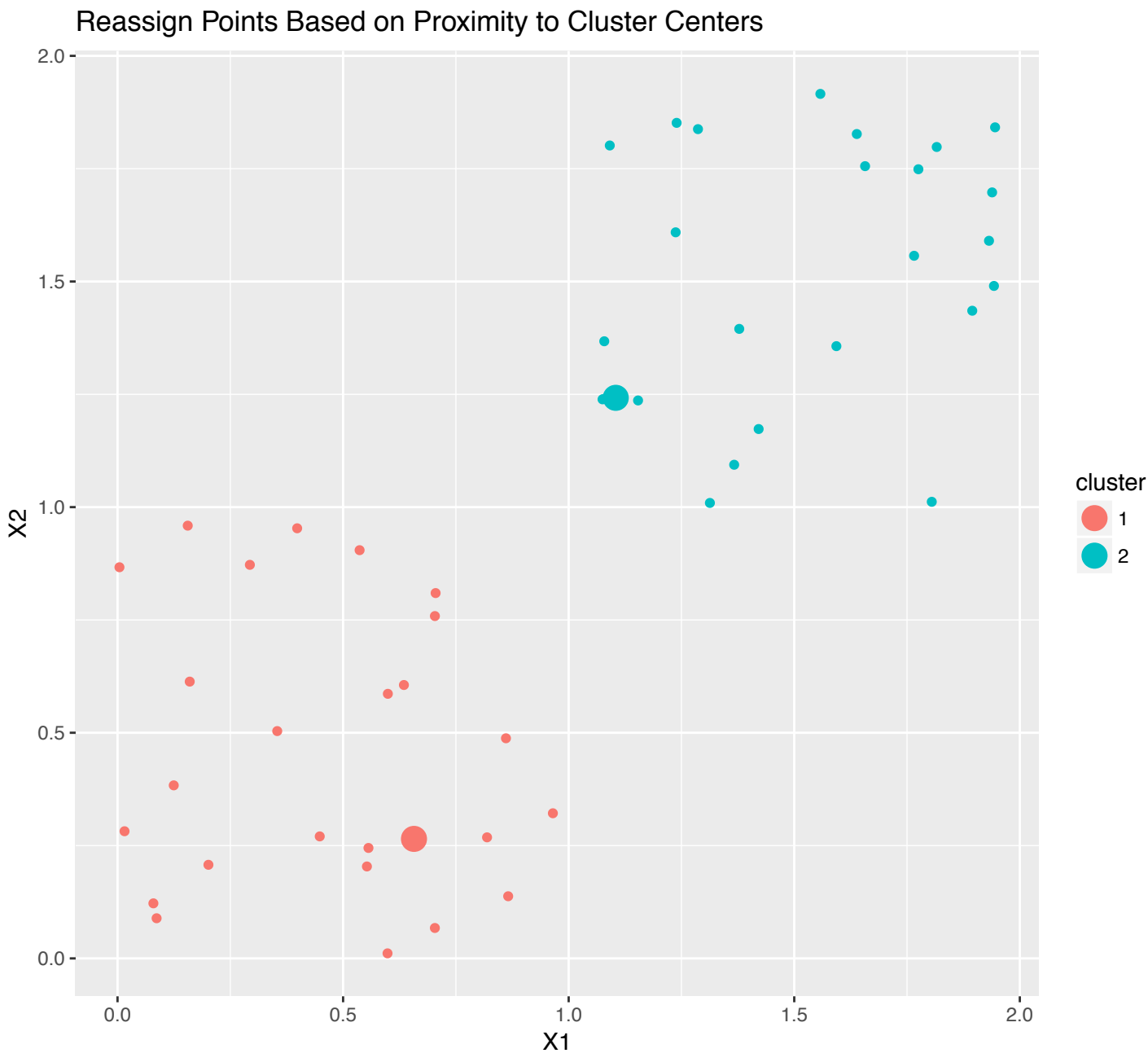
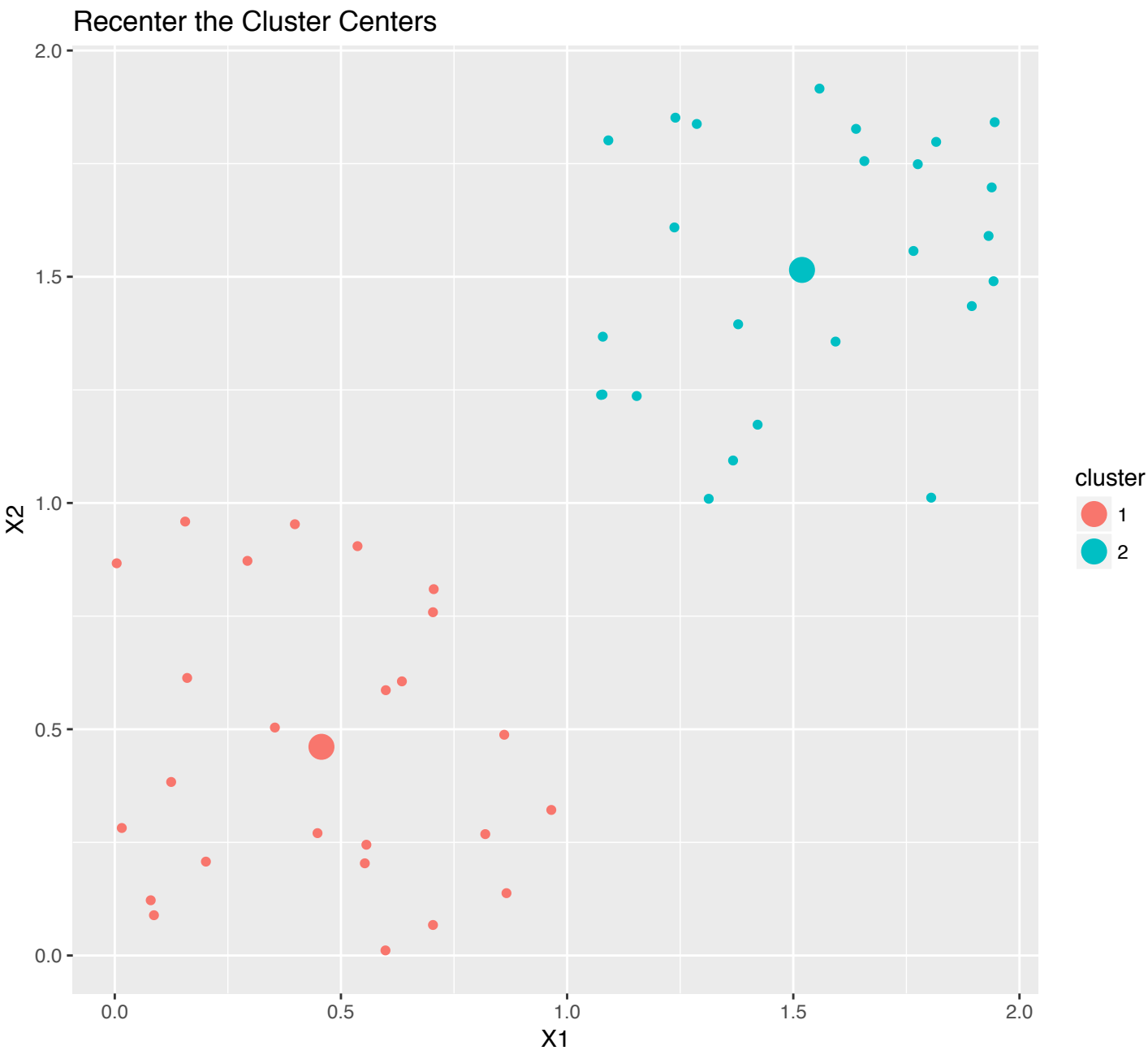

50 Random Points
2.0
1.5
1.0
0.5
0.0
X2
0.0
0.5
1.0
1.5
2.0
X1


Randomly Drop Two Cluster Centers
2.0
1.5
1.0
0.5
0.0
X2
0.0
0.5
1.0
1.5
2.0
X1
cluster
1
2


Reassign Points Based on Proximity to Cluster Centers
2.0
1.5
1.0
0.5
0.0
X2
0.0
0.5
1.0
1.5
2.0
X1
cluster
1
2


Recenter the Cluster Centers
2.0
1.5
1.0
0.5
0.0
X2
0.0
0.5
1.0
1.5
2.0
X1
cluster
1
2


Reassign Points Based on Proximity to Cluster Centers
2.0
1.5
1.0
0.5
0.0
X2
0.0
0.5
1.0
1.5
2.0
X1
cluster
1
2


Recenter the Cluster Centers
2.0
1.5
1.0
0.5
0.0
X2
0.0
0.5
1.0
1.5
2.0
X1
cluster
1
2