clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

2 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 : 210 | 0.26

2 : 435 | 0.14

Silhouette width s_i
Average silhouette width : 0.18

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

3 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 : 197 | 0.24

2 : 357 | 0.09

3 : 91 | 0.31

Silhouette width s_i
Average silhouette width : 0.17

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

4 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 : 196 | 0.21

2 : 282 | 0.11

3 : 79 | 0.28

4 : 88 | 0.29

Silhouette width s_i
Average silhouette width : 0.19

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

5 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 : 194 | 0.19

2 : 80 | 0.26

3 : 229 | 0.15

4 : 86 | 0.27

5 : 56 | 0.30

Silhouette width s_i
Average silhouette width : 0.21

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

6 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 : 107 | 0.19

2 : 96 | 0.15

3 : 223 | 0.15

4 : 77 | 0.26

5 : 86 | 0.26

6 : 56 | 0.28

Silhouette width s_i
Average silhouette width : 0.2

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

7 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 : 105 | 0.18

2 : 96 | 0.15

3 : 199 | 0.15

4 : 78 | 0.25

5 : 80 | 0.28

6 : 56 | 0.28

7 : 31 | 0.42

Silhouette width s_i
Average silhouette width : 0.21

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

8 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 : 76 | 0.17

2 : 100 | 0.19

3 : 53 | 0.16

4 : 171 | 0.20

5 : 78 | 0.22

6 : 80 | 0.27

7 : 56 | 0.27

8 : 31 | 0.40

Silhouette width s_i
Average silhouette width : 0.22

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

9 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 : 71 | 0.16

2 : 60 | 0.12

3 : 47 | 0.19

4 : 162 | 0.23

5 : 67 | 0.22

6 : 75 | 0.23

7 : 79 | 0.27

8 : 31 | 0.40

9 : 53 | 0.28

Silhouette width s_i
Average silhouette width : 0.22

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

10 clusters C_j
j : n_j | ave$_{i \in C_j}$ s_i
1 : 51 | 0.16
2 : 52 | 0.15
3 : 49 | 0.15
4 : 153 | 0.25
5 : 46 | 0.16
6 : 65 | 0.16
7 : 77 | 0.21
8 : 67 | 0.28
9 : 31 | 0.39
10 : 54 | 0.27

Silhouette width s_i
Average silhouette width : 0.22

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

11 clusters C_j
j : n_j | ave$_{i \in C_j}$ s_i
1 : 41 | 0.19
2 : 43 | 0.12
3 : 46 | 0.16
4 : 151 | 0.26
5 : 45 | 0.15
6 : 45 | 0.11
7 : 76 | 0.21
8 : 67 | 0.28
9 : 46 | 0.18
10 : 31 | 0.39
11 : 54 | 0.26

Silhouette width s_i
Average silhouette width : 0.22

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

12 clusters C_j
j : n_j | ave$_{i \in C_j}$ s_i
1 : 41 | 0.19
2 : 43 | 0.11
3 : 46 | 0.16
4 : 146 | 0.28
5 : 45 | 0.15
6 : 45 | 0.11
7 : 74 | 0.22
8 : 65 | 0.28
9 : 48 | 0.16
10 : 31 | 0.38
11 : 31 | 0.22
12 : 30 | 0.15

Silhouette width s_i
Average silhouette width : 0.21

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

13 clusters C_j
j : n_j | ave$_{i \in C_j}$ s_i
1 : 41 | 0.19
2 : 44 | 0.10
3 : 30 | 0.21
4 : 43 | 0.19
5 : 141 | 0.30
6 : 45 | 0.15
7 : 45 | 0.11
8 : 62 | 0.29
9 : 47 | 0.17
10 : 31 | 0.38
11 : 56 | 0.15
12 : 31 | 0.22
13 : 29 | 0.14

Silhouette width s_i
Average silhouette width : 0.21

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

14 clusters C_j
j : n_j | ave$_{i \in C_j}$ s_i
1 : 41 | 0.19
2 : 44 | 0.10
3 : 28 | 0.23
4 : 43 | 0.18
5 : 140 | 0.30
6 : 45 | 0.15
7 : 45 | 0.11
8 : 62 | 0.29
9 : 45 | 0.19
10 : 31 | 0.38
11 : 56 | 0.14
12 : 24 | 0.20
13 : 18 | 0.16
14 : 23 | 0.15

Silhouette width s_i
Average silhouette width : 0.21

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

15 clusters C_j
j : n_j | ave$_{i \in C_j}$ s_i
1 : 40 | 0.19
2 : 39 | 0.11
3 : 23 | 0.16
4 : 138 | 0.31
5 : 44 | 0.15
6 : 45 | 0.10
7 : 27 | 0.25
8 : 62 | 0.29
9 : 46 | 0.18
10 : 31 | 0.37
11 : 56 | 0.13
12 : 24 | 0.20
13 : 30 | 0.12
14 : 18 | 0.15
15 : 22 | 0.17

Silhouette width s_i
Average silhouette width : 0.21

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

16 clusters C_j
j : n_j | ave$_{i \in C_j}$ s_i
1 : 30 | 0.17
2 : 39 | 0.10
3 : 23 | 0.16
4 : 135 | 0.32
5 : 40 | 0.15
6 : 43 | 0.10
7 : 27 | 0.24
8 : 62 | 0.28
9 : 45 | 0.19
10 : 31 | 0.37
11 : 55 | 0.13
12 : 24 | 0.20
13 : 30 | 0.12
14 : 18 | 0.15
15 : 22 | 0.17
16 : 21 | 0.09

Silhouette width s_i
Average silhouette width : 0.21

clusplot(pam(x = d, k = i))

Component 2

Component 1
These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)
n = 645

17 clusters C_j
j : n_j | ave$_{i \in C_j}$ s_i
1 : 21 | 0.17
2 : 34 | 0.12
3 : 23 | 0.15
4 : 134 | 0.33
5 : 40 | 0.13
6 : 35 | 0.12
7 : 27 | 0.25
8 : 62 | 0.28
9 : 39 | 0.06
10 : 32 | 0.16
11 : 31 | 0.37
12 : 55 | 0.13
13 : 24 | 0.20
14 : 29 | 0.13
15 : 18 | 0.15
16 : 22 | 0.13
17 : 19 | 0.09

Silhouette width s_i
Average silhouette width : 0.2

clusplot(pam(x = d, k = i))

Component 2

Component 1

These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)

n = 645

18 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 :	21	0.17
2 :	34	0.12
3 :	23	0.15
4 :	119	0.30
5 :	40	0.12
6 :	35	0.12
7 :	26	0.26
8 :	61	0.29
9 :	39	0.06
10 :	32	0.16
11 :	30	0.38
12 :	54	0.13
13 :	24	0.20
14 :	29	0.13
15 :	18	0.15
16 :	22	0.16
17 :	19	0.06
18 :	19	0.09

Silhouette width s_i

Average silhouette width : 0.19

clusplot(pam(x = d, k = i))

Component 2

Component 1

These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)

n = 645

19 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 :	21	0.17
2 :	32	0.12
3 :	23	0.15
4 :	117	0.32
5 :	21	0.11
6 :	40	0.12
7 :	35	0.12
8 :	25	0.25
9 :	60	0.29
10 :	39	0.06
11 :	32	0.16
12 :	30	0.37
13 :	39	0.13
14 :	24	0.20
15 :	29	0.12
16 :	18	0.15
17 :	22	0.16
18 :	19	0.05
19 :	19	0.08

Silhouette width s_i

Average silhouette width : 0.19

clusplot(pam(x = d, k = i))

Component 2

Component 1

These two components explain 39.87 % of the point variability.

Silhouette plot of pam(x = d, k = i)

n = 645

20 clusters C_j
$j : n_j \mid ave_{i \in C_j} s_i$

1 :	21	0.17
2 :	32	0.11
3 :	23	0.15
4 :	117	0.32
5 :	21	0.11
6 :	37	0.10
7 :	35	0.12
8 :	25	0.25
9 :	47	0.15
10 :	39	0.06
11 :	32	0.16
12 :	16	0.18
13 :	30	0.37
14 :	39	0.13
15 :	24	0.19
16 :	29	0.12
17 :	18	0.15
18 :	22	0.16
19 :	19	0.05
20 :	19	0.08

Silhouette width s_i

Average silhouette width : 0.18