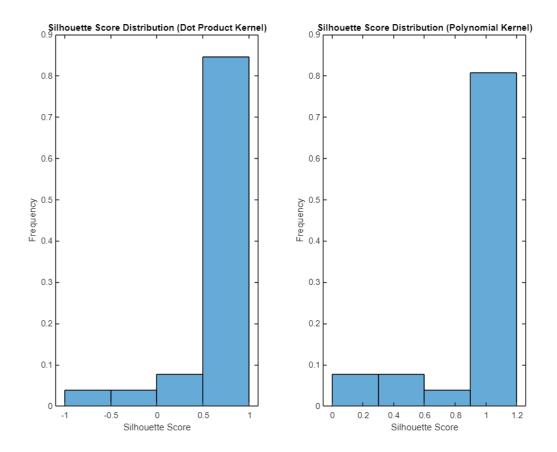
Part1 : Output

```
** Analysis of Diagonal Sub-Matrices (assuming class labels in file names) **
  - Class 1:
     Mean similarity: 788266
      Standard deviation of similarity: 0
      Jaccard similarity matrix (upper triangle):
  - Class 2:
     Mean similarity: 13413901.4082
      Standard deviation of similarity: 89544382.1049
      Jaccard similarity matrix (upper triangle):
     1
     1
     1
     1
     1
     0
     1
     1
     1
     1
     1
     0
     1
     1
     1
     1
     0
     1
     1
     1
     0
     1
     1
     0
     1
     0
  - Class 3:
     Mean similarity: 626.16
      Standard deviation of similarity: 2104.5498
      Jaccard similarity matrix (upper triangle):
     1
     1
     1
     1
     1
     1
     1
     1
     1
     0
     1
     1
     1
```

```
1
   1
  1
  1
  1
  0
  1
   1
   1
   1
   1
   1
   1
  0
   1
   1
  1
  1
  1
  1
  0
  1
   1
   1
  1
  1
  0
   1
   1
   1
   1
  0
  1
  1
   1
  0
  1
  1
  0
  1
  0
- Class 4:
   Mean similarity: NaN
   Standard deviation of similarity: NaN
    Jaccard similarity matrix (upper triangle):
- Class 5:
   Mean similarity: NaN
    Standard deviation of similarity: NaN
    Jaccard similarity matrix (upper triangle):
```



Part2 : Output

Clustering results using dot product kernel:

```
1
     1
     1
Clustering results using polynomial kernel (degree 2):
     1
     4
     1
     3
     2
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
     1
Average Silhouette Score using dot product kernel clustering:
    0.9468
Average Silhouette Score using polynomial kernel clustering:
    0.9796
** Analysis of Diagonal Sub-Matrices (assuming class labels in file names) **
  - Class 1:
      Mean similarity: 1628396237
      Standard deviation of similarity: 0
      Jaccard similarity matrix (upper triangle):
  - Class 2:
      Mean similarity: 3554904633.9184
      Standard deviation of similarity: 13264137683.8259
     Jaccard similarity matrix (upper triangle):
     0
     1
     1
     1
     1
     1
     1
     0
     1
```

```
1
   1
   1
   1
   0
   1
   1
   1
   1
   0
   1
   1
   1
   0
   1
   1
   0
   1
   0
- Class 3:
   Mean similarity: 16998816.5
   Standard deviation of similarity: 19601707.4591
    Jaccard similarity matrix (upper triangle):
   0
   1
   1
   1
   1
   1
   1
   1
   1
   1
   0
   1
   1
   1
   1
   1
   1
   1
   1
   0
   1
   1
   1
   1
   1
   1
   1
   0
   1
   1
   1
   1
   1
   1
```

```
0
  1
  1
  1
  1
  1
  0
   1
  1
  1
  1
  0
   1
   1
   1
  0
  1
  1
  0
  1
  0
- Class 4:
   Mean similarity: NaN
    Standard deviation of similarity: NaN
    Jaccard similarity matrix (upper triangle):
- Class 5:
   Mean similarity: NaN
    Standard deviation of similarity: NaN
    Jaccard similarity matrix (upper triangle):
```

