



	0	1	2
0	31.95	7.95	3.0
1	31.15	7.30	3.0
2	30.45	6.65	3.0
3	29.70	6.00	3.0
4	28.90	5.55	3.0

```
print("Rand Index for K-means Clustering:", rand_index_kmeans)
print("Rand Index for Single-link Hierarchical Clustering:", rand_index_single_link)
print("Rand Index for Complete-link Hierarchical Clustering:", rand_index_complete_link)
```

```
# This code will compute the Rand Index for each clustering method and provide a visualization of the true clusters.
# The Rand Index ranges from 0 to 1, where 1 indicates perfect clustering agreement with the true clusters.
# The method with a higher Rand Index is better at recovering the true clusters.
```

```
Rand Index for K-means Clustering: -0.0059621280246944025
Rand Index for Single-link Hierarchical Clustering: 1.0
Rand Index for Complete-link Hierarchical Clustering: 0.001841037699419282
```