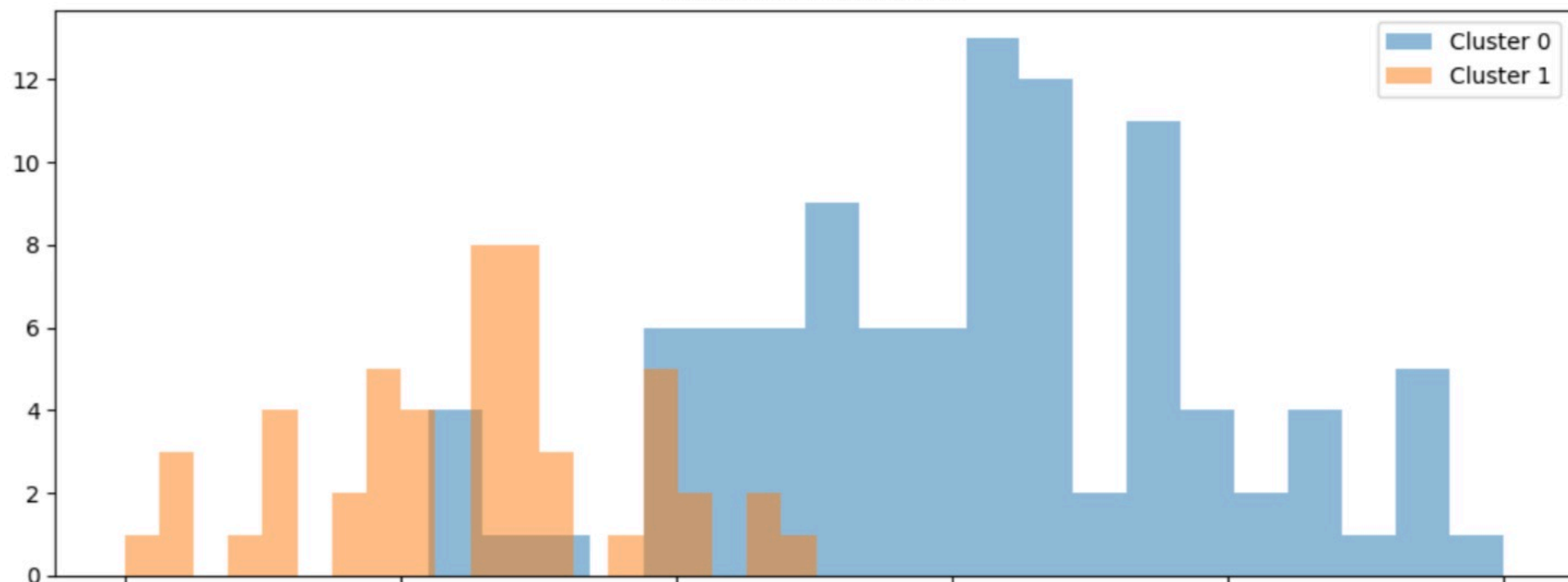
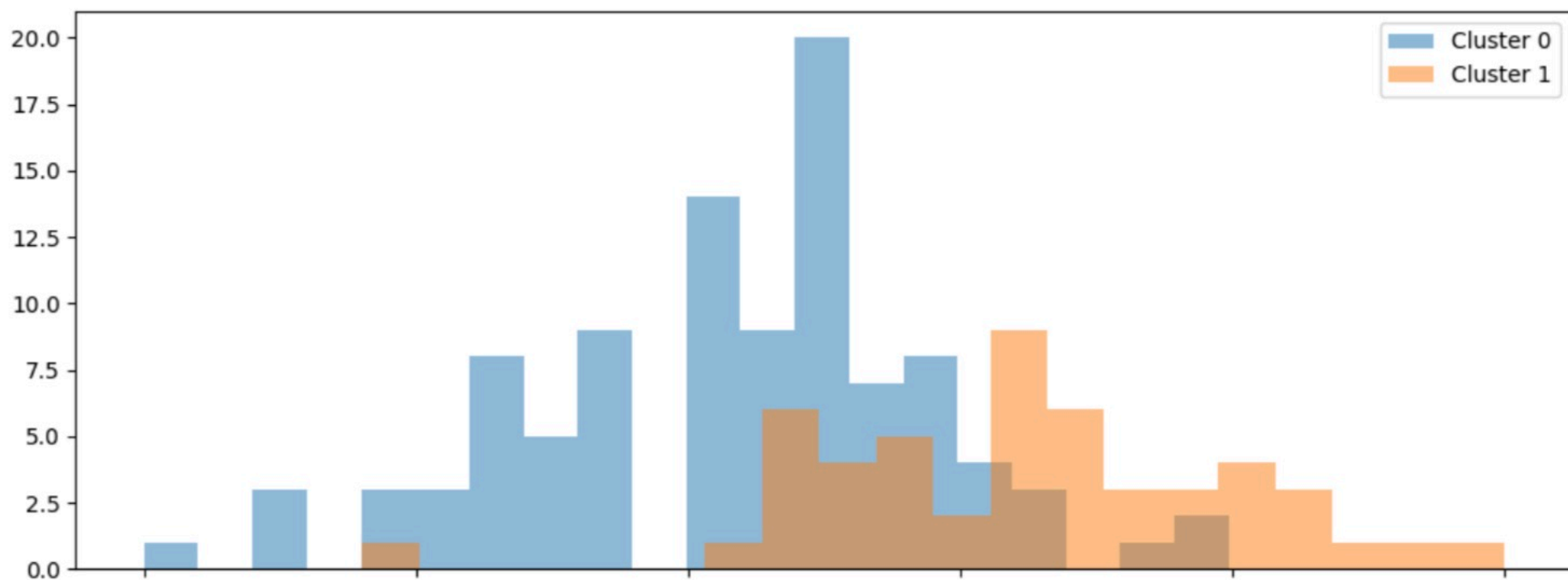


Distribution - K-mean Shift Clustering - Using T+N - 3 clusters

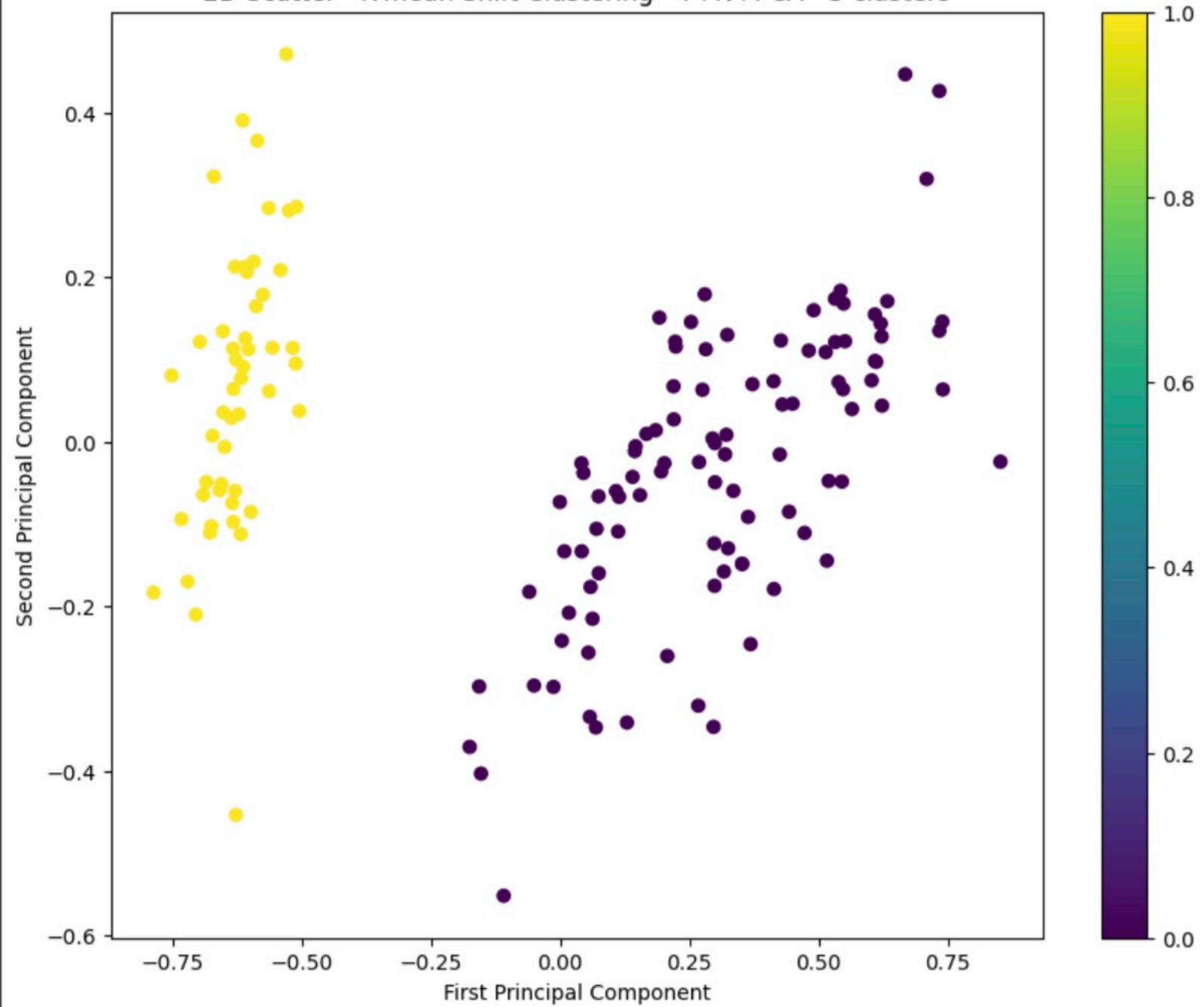
Feature 1 Distribution



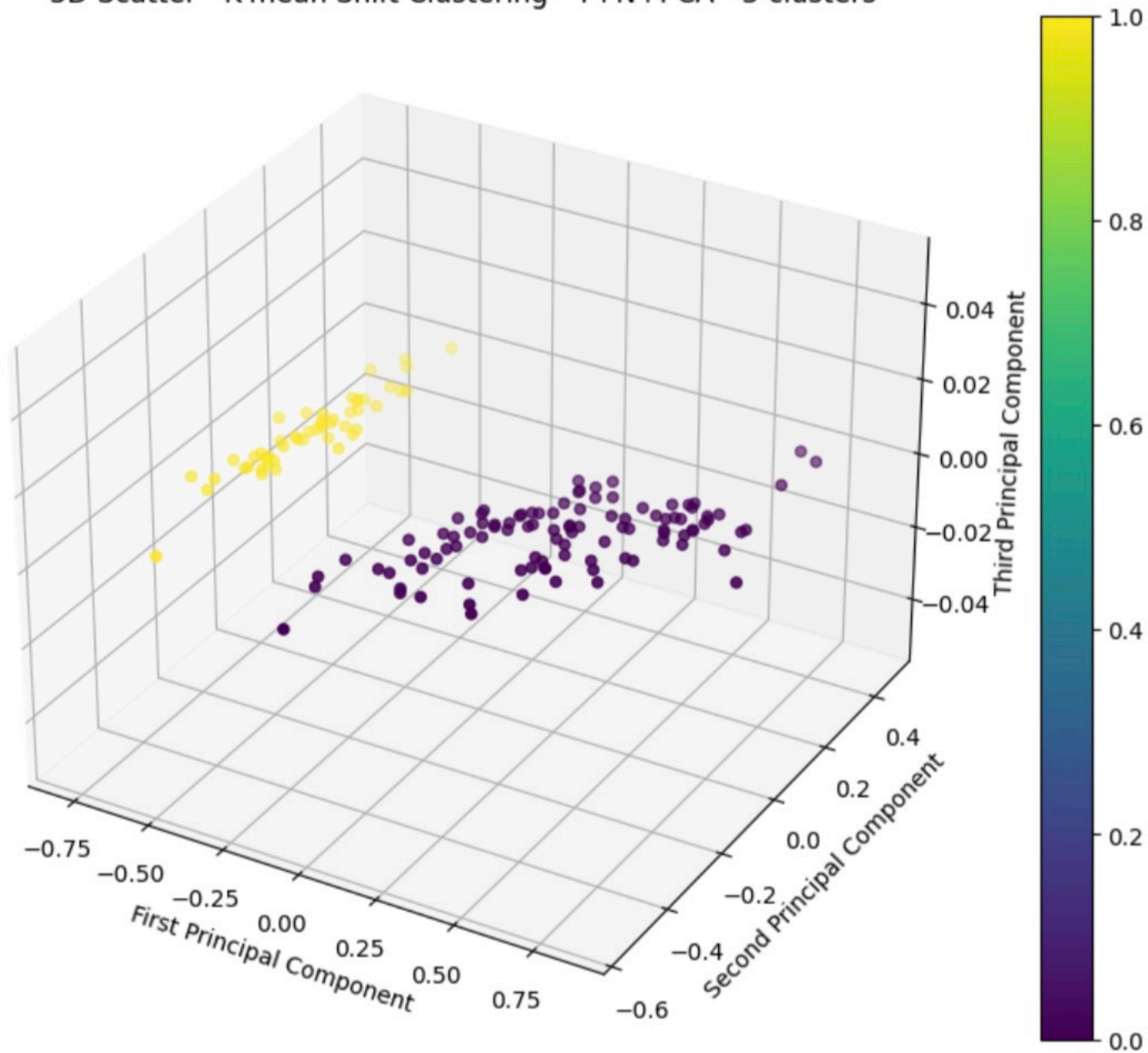
Feature 2 Distribution



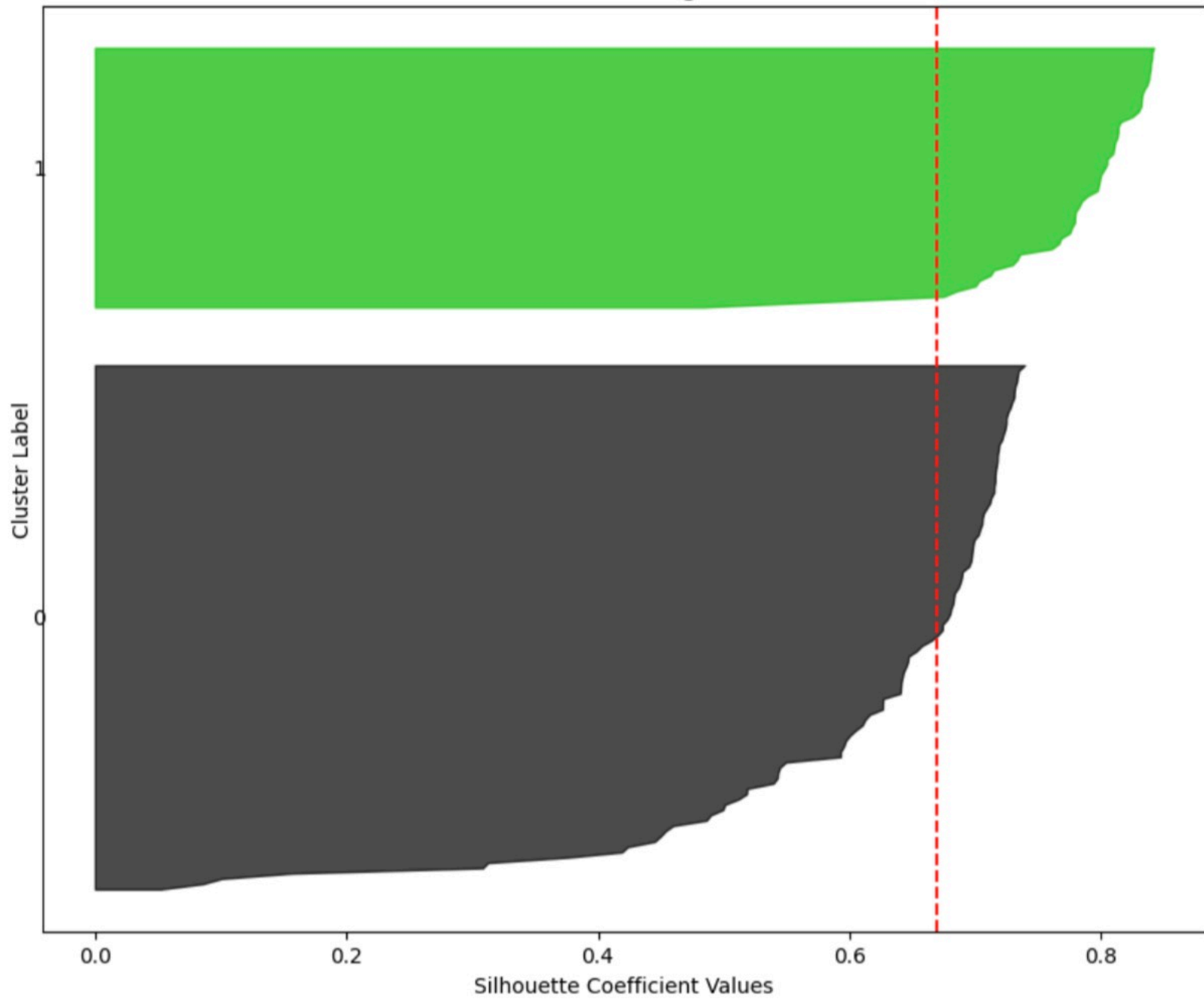
2D Scatter - K-mean Shift Clustering - T+N+PCA - 3 clusters



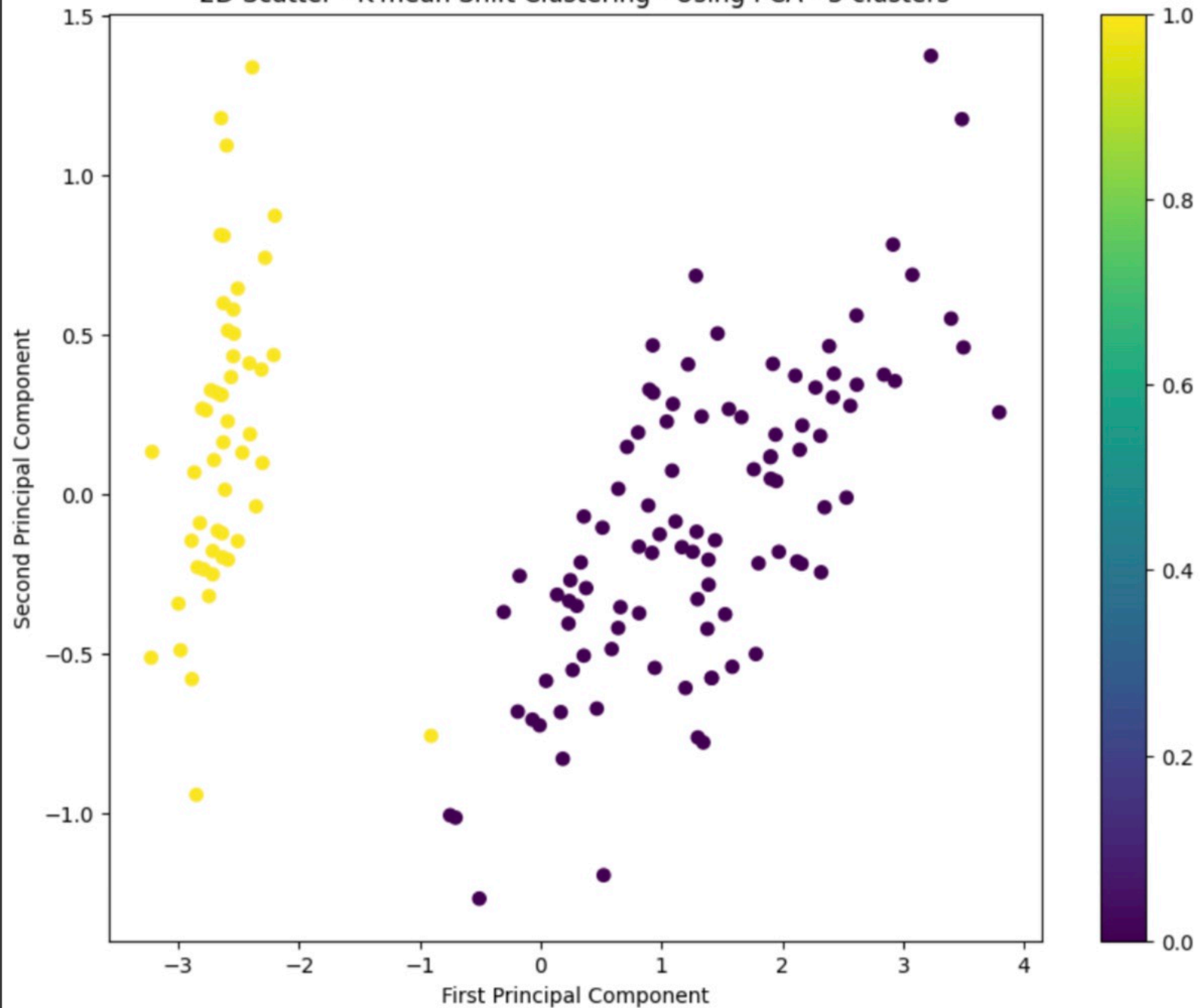
3D Scatter - K-mean Shift Clustering - T+N+PCA - 3 clusters



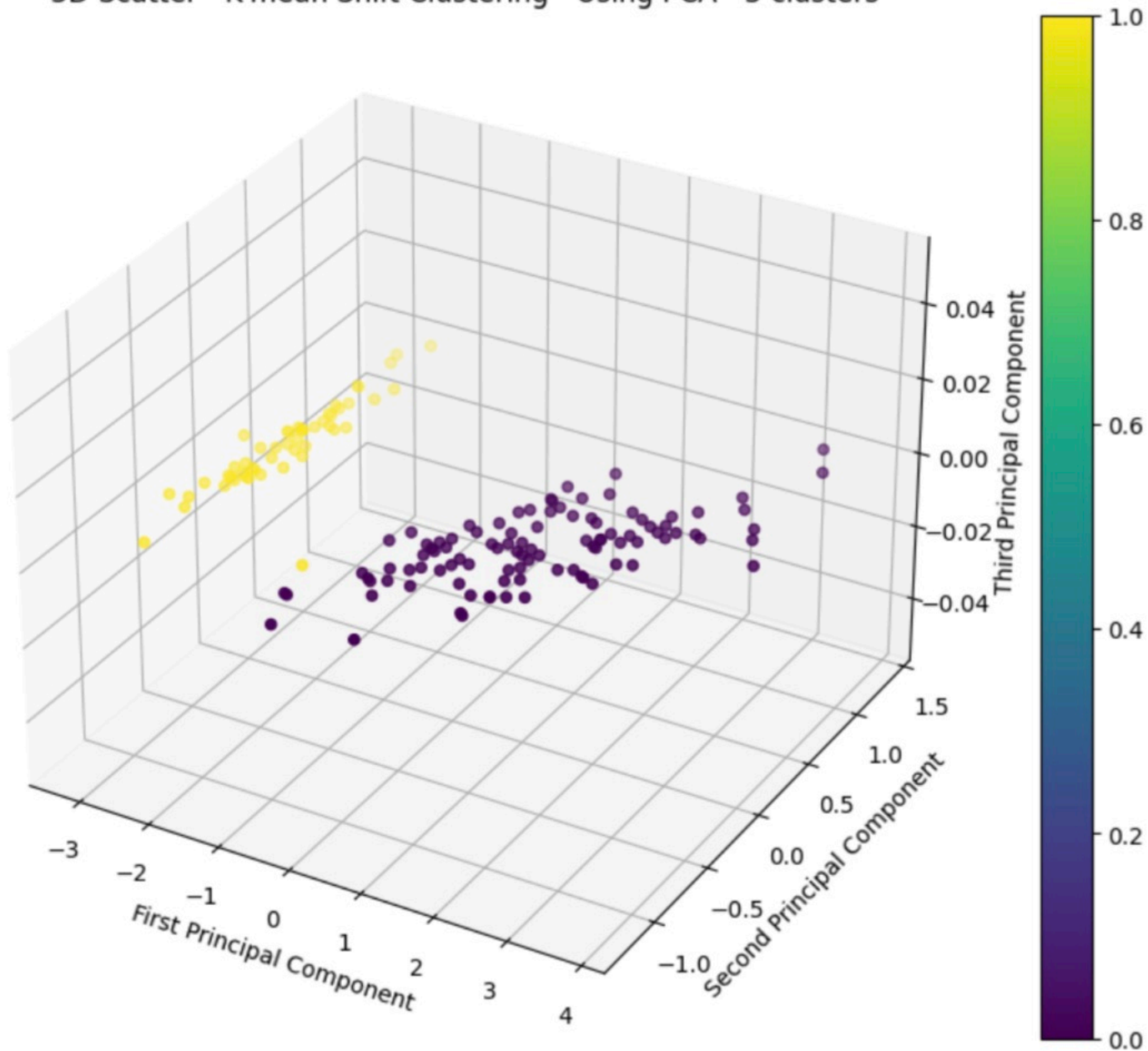
Silhouette - K-mean Shift Clustering - T+N+PCA - 3 clusters



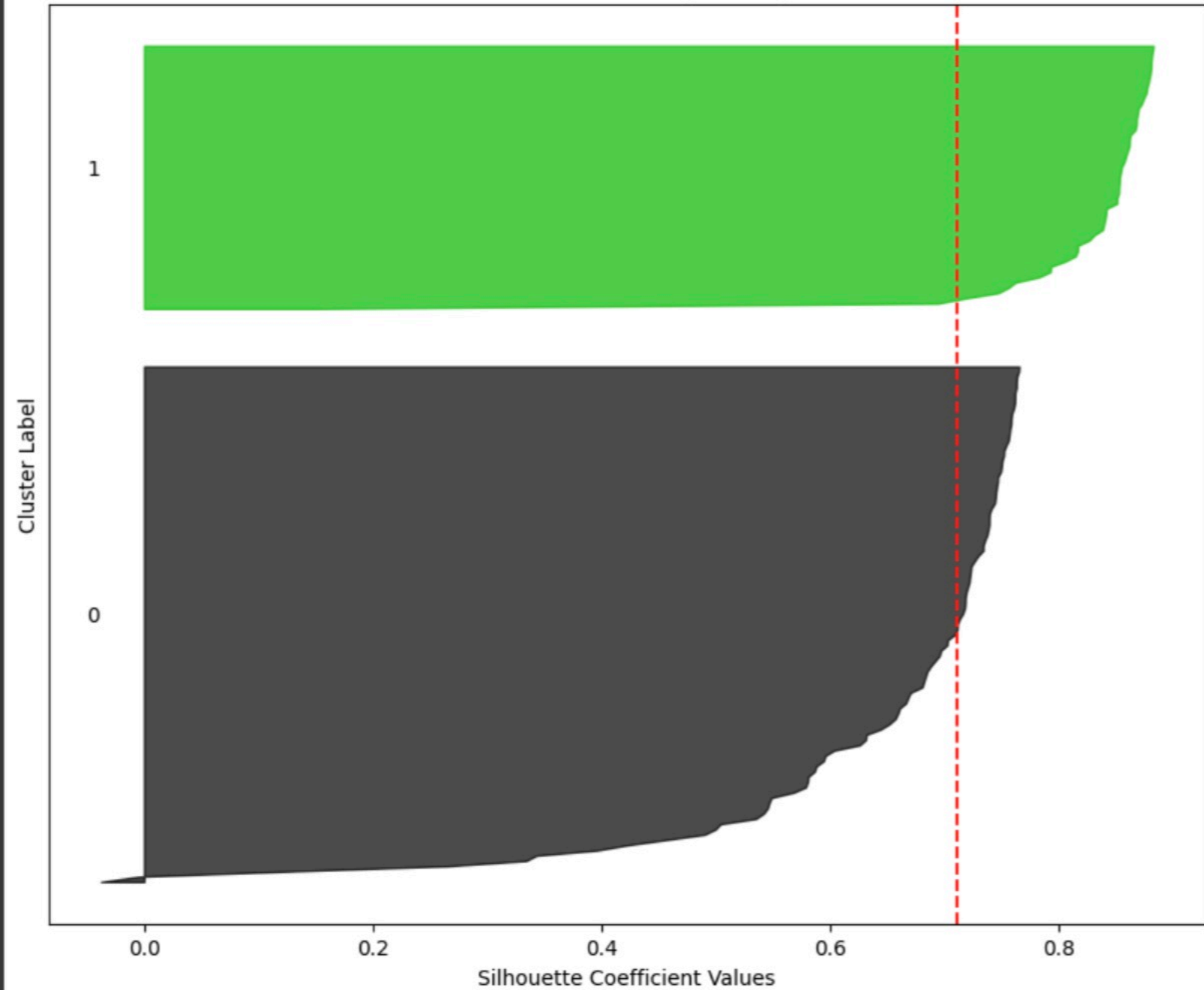
2D Scatter - K-mean Shift Clustering - Using PCA - 3 clusters



3D Scatter - K-mean Shift Clustering - Using PCA - 3 clusters

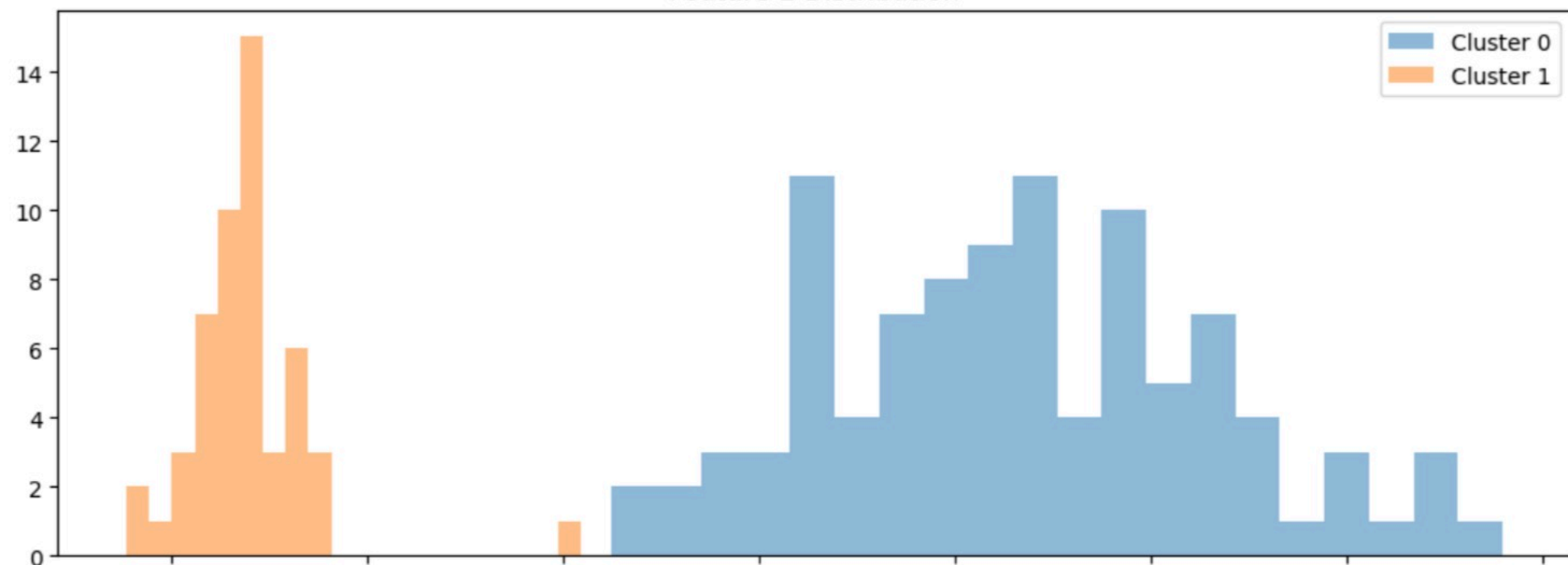


Silhouette - K-mean Shift Clustering - Using PCA - 3 clusters

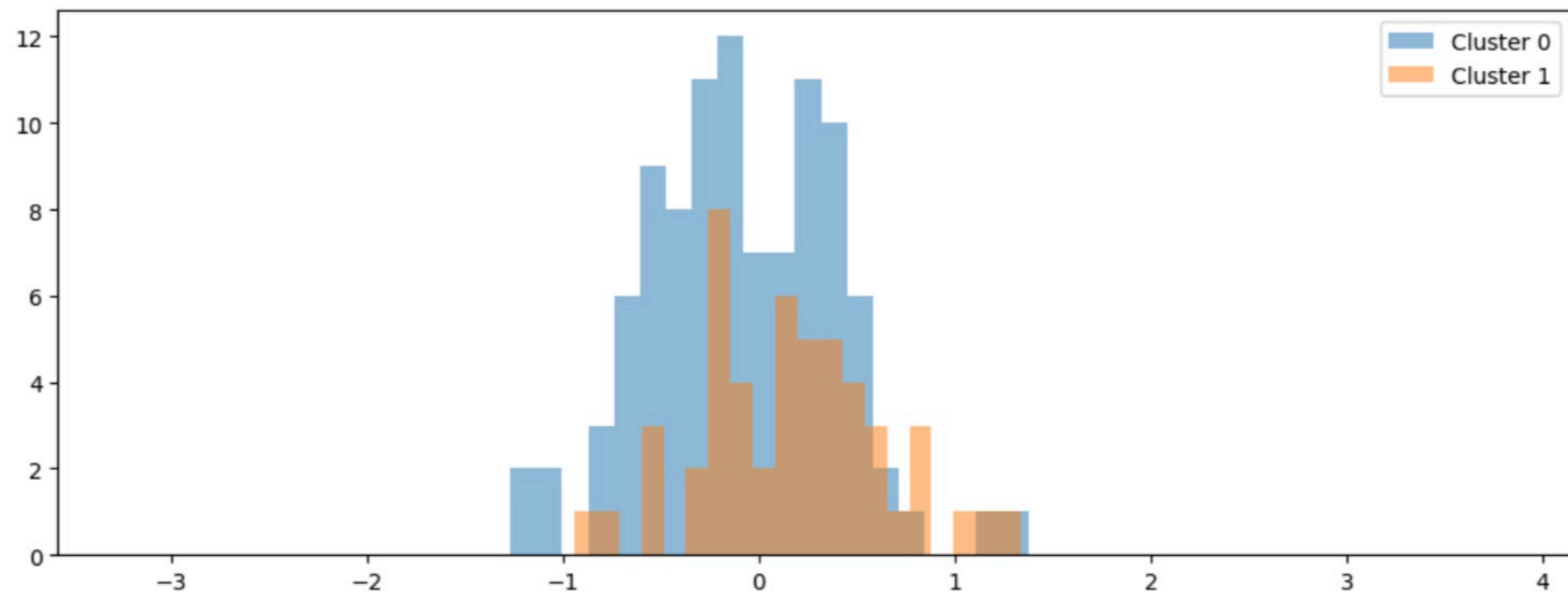


Distribution - K-mean Shift Clustering - Using PCA - 3 clusters

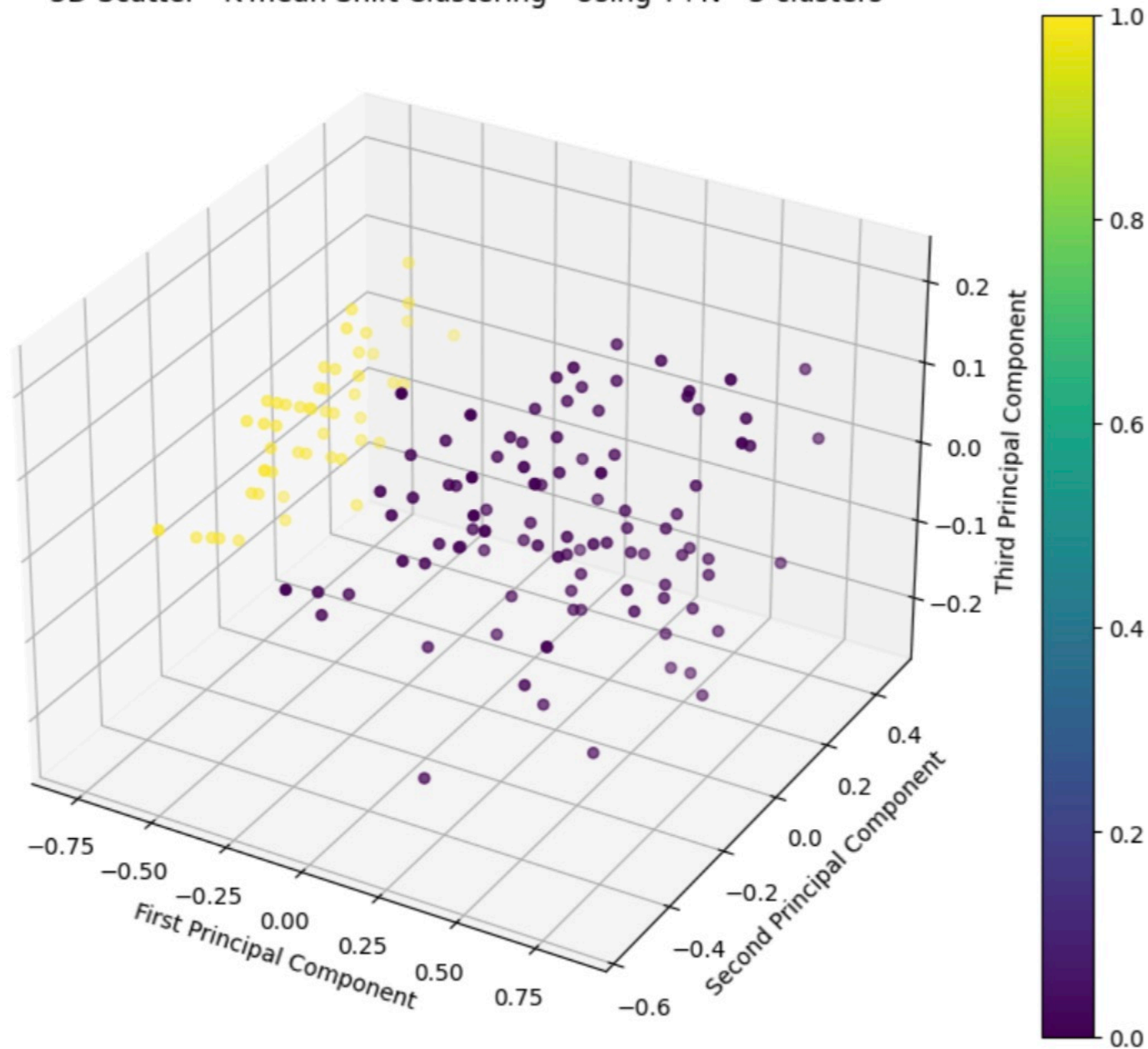
Feature 1 Distribution



Feature 2 Distribution

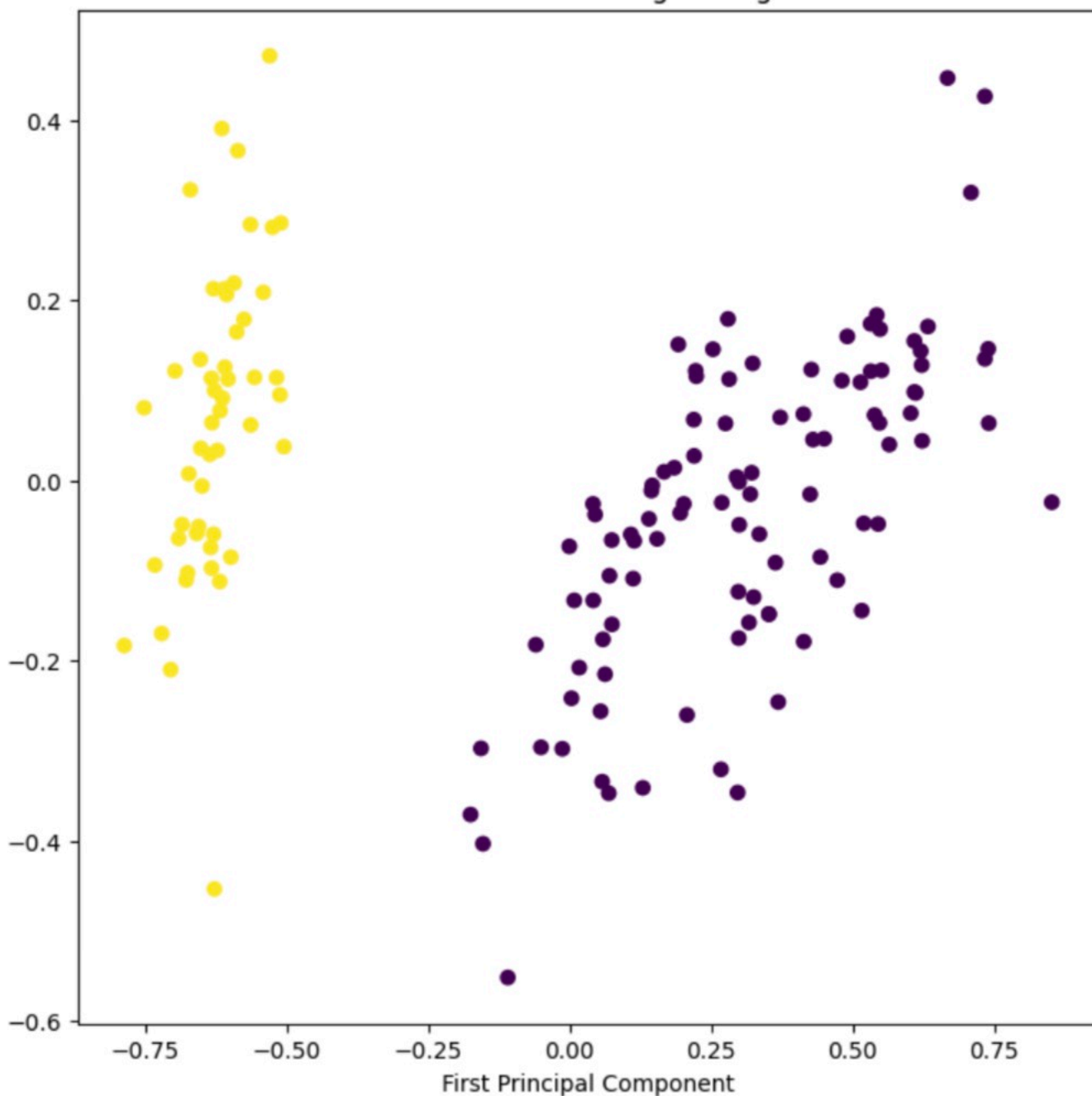


3D Scatter - K-mean Shift Clustering - Using T+N - 3 clusters



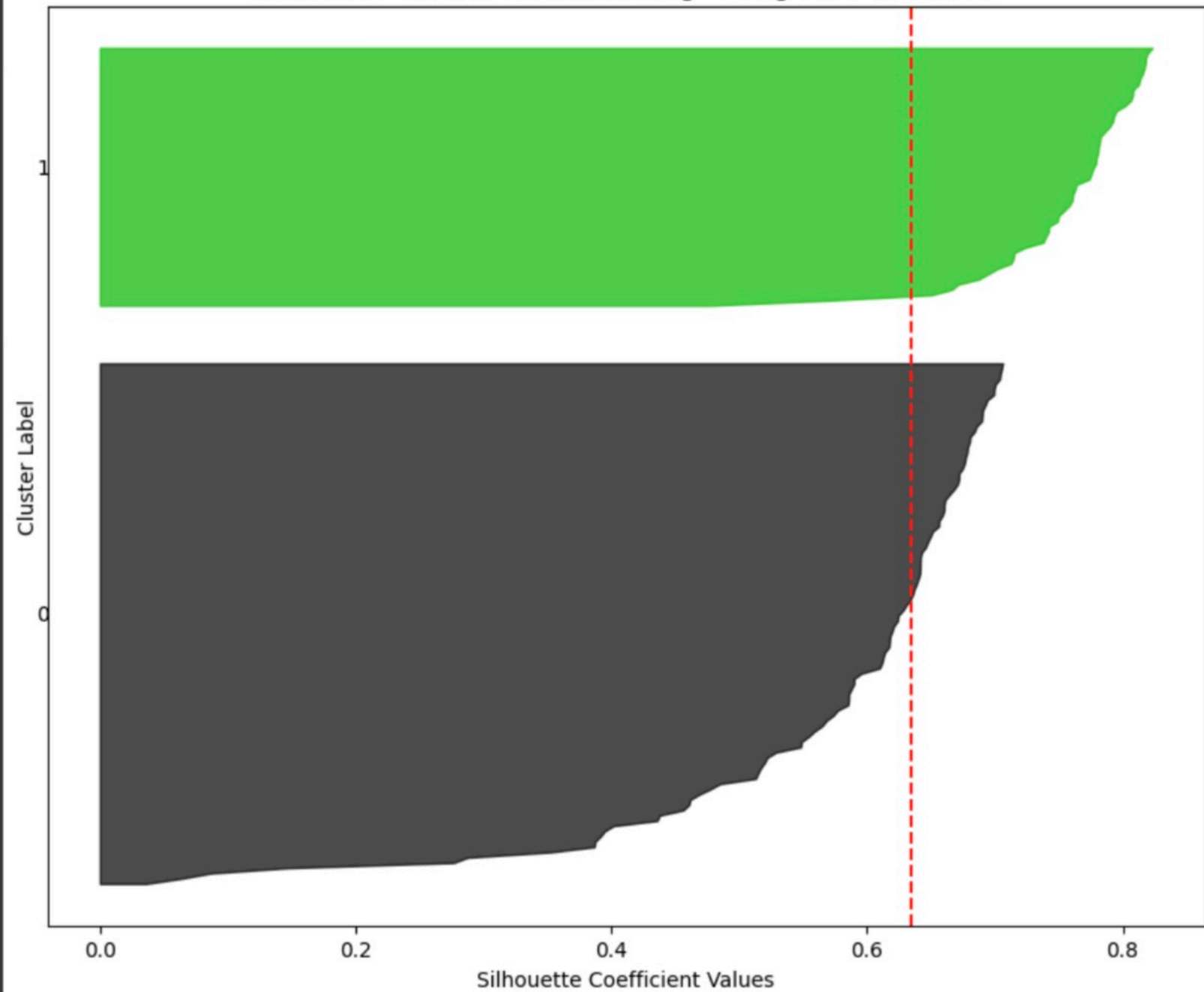
2D Scatter - K-mean Shift Clustering - Using T+N - 3 clusters

Second Principal Component

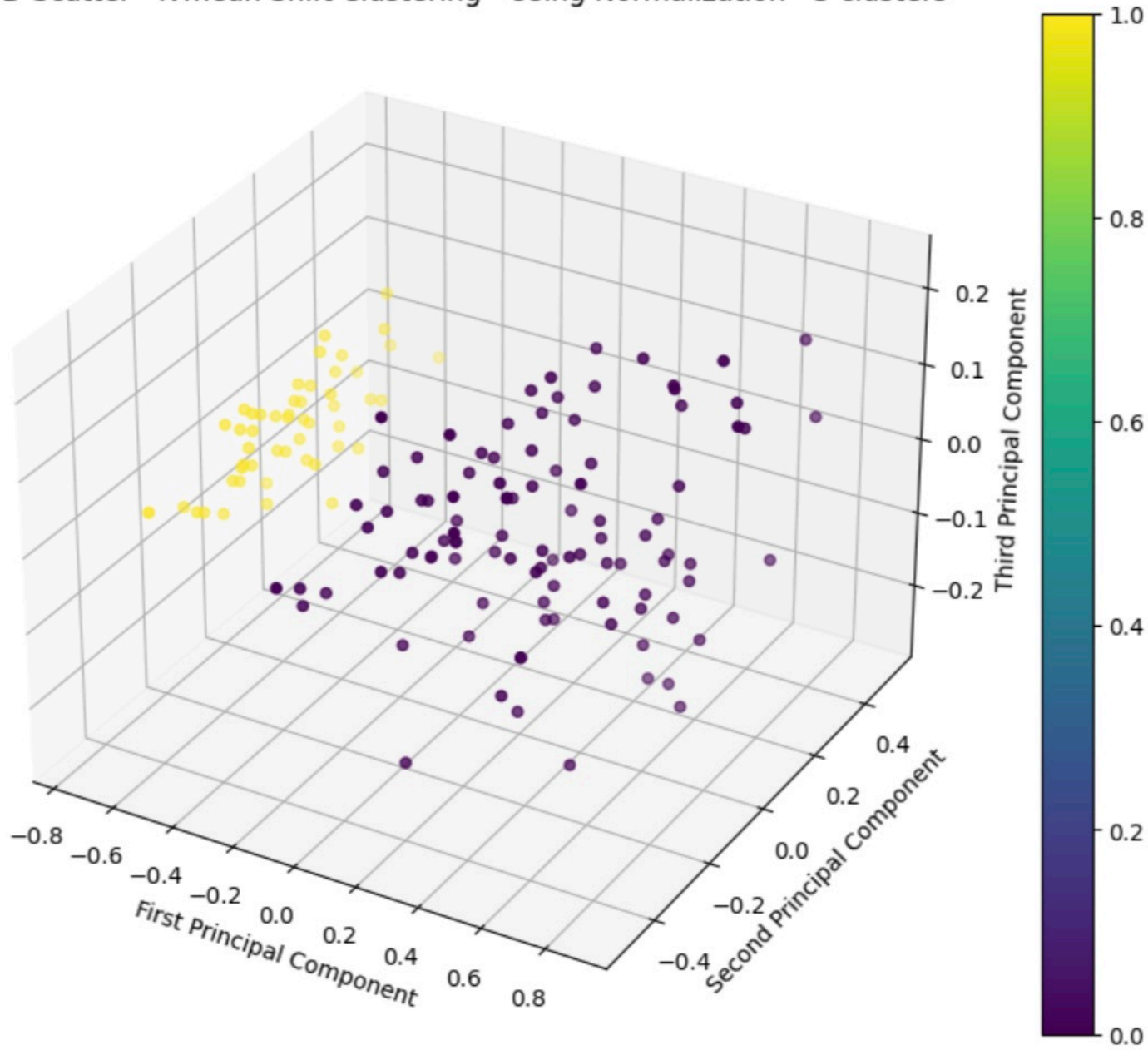


First Principal Component

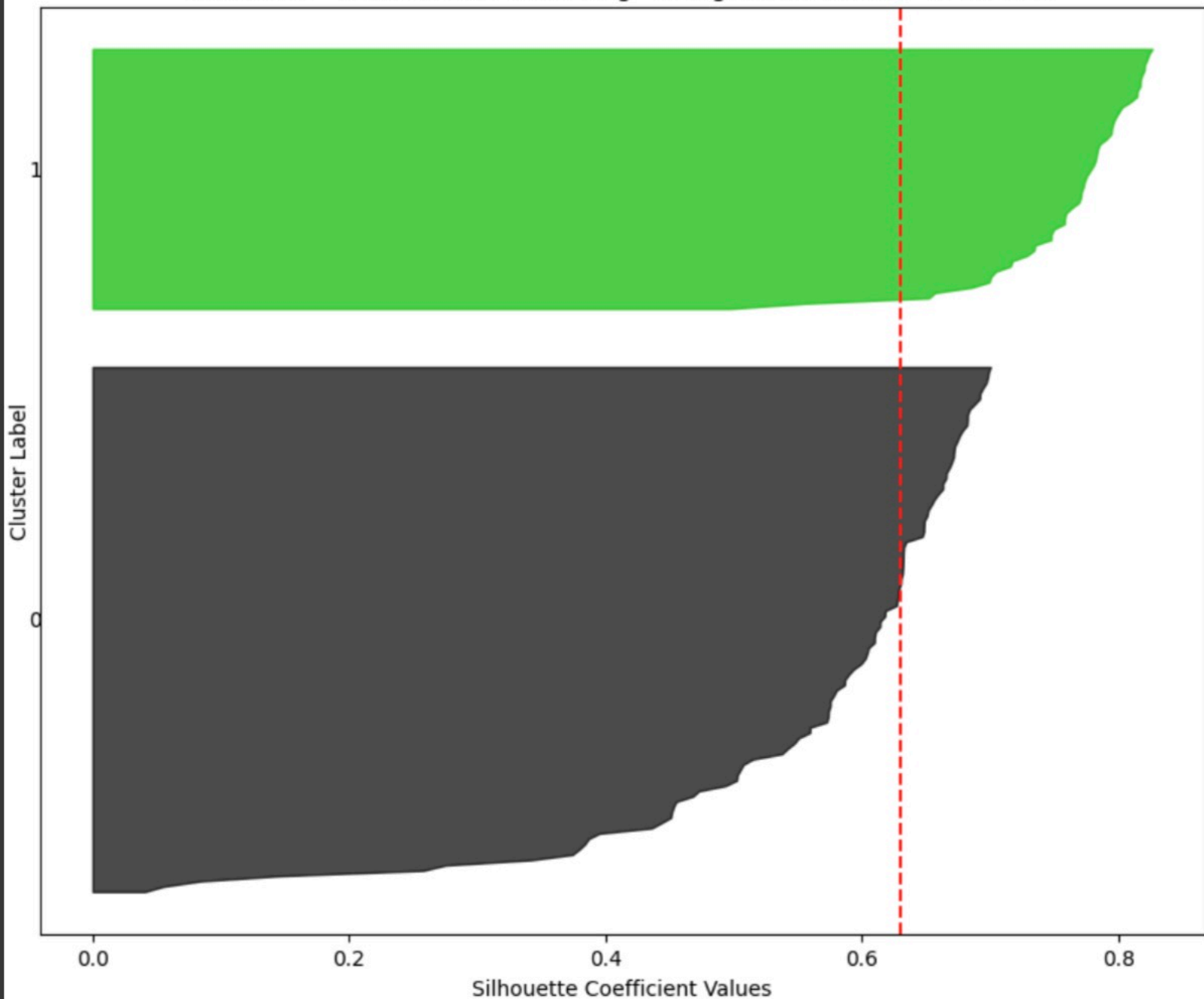
Silhouette - K-mean Shift Clustering - Using T+N - 3 clusters



3D Scatter - K-mean Shift Clustering - Using Normalization - 3 clusters

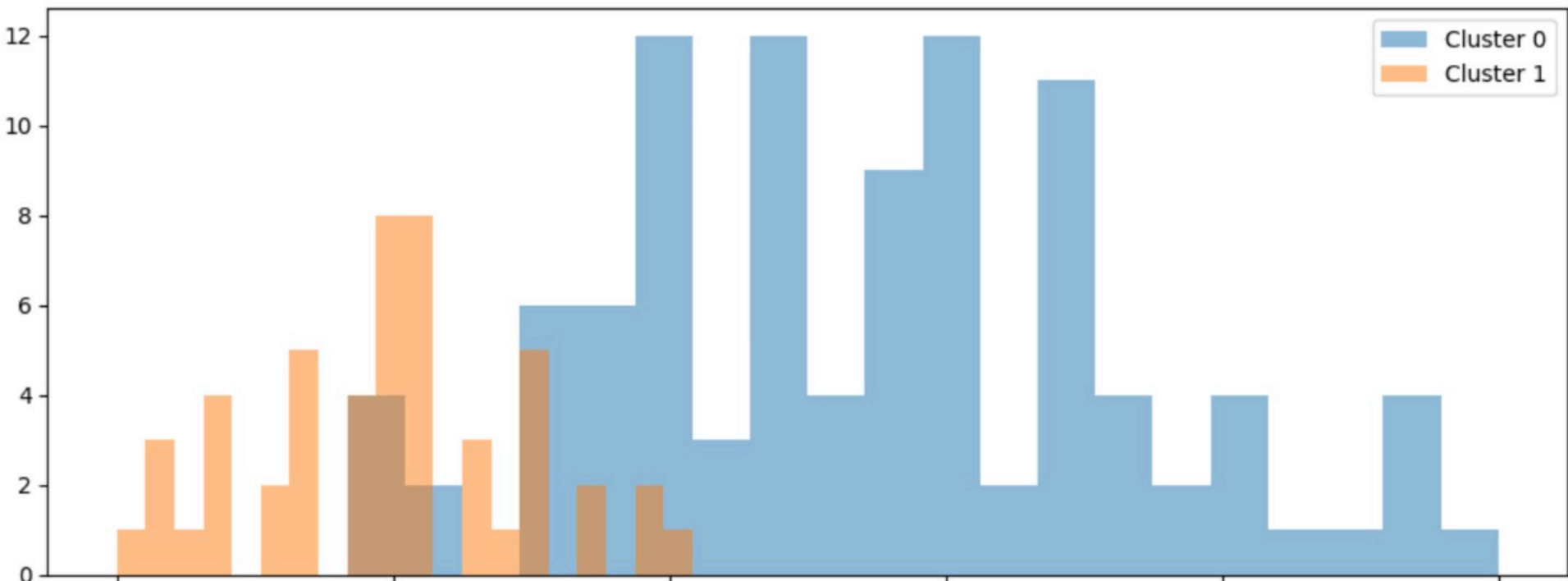


Silhouette - K-mean Shift Clustering - Using Normalization - 3 clusters

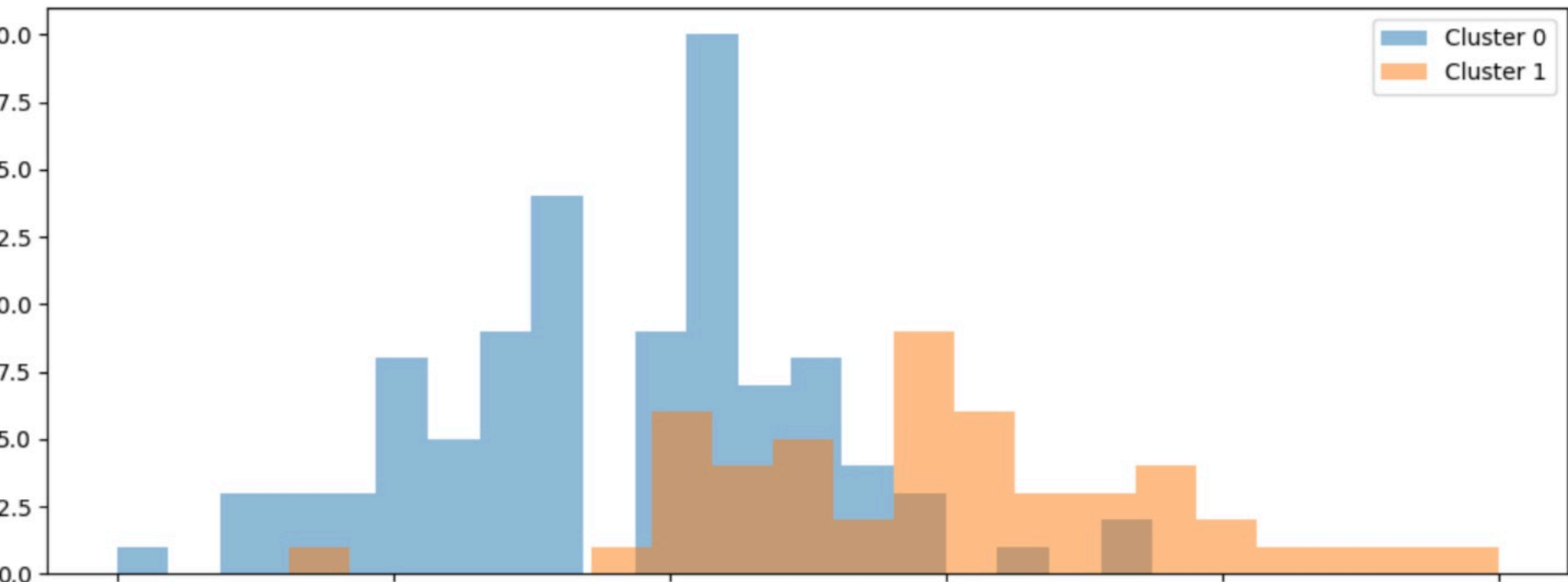


Distribution - K-mean Shift Clustering - Using Normalization - 3 clusters

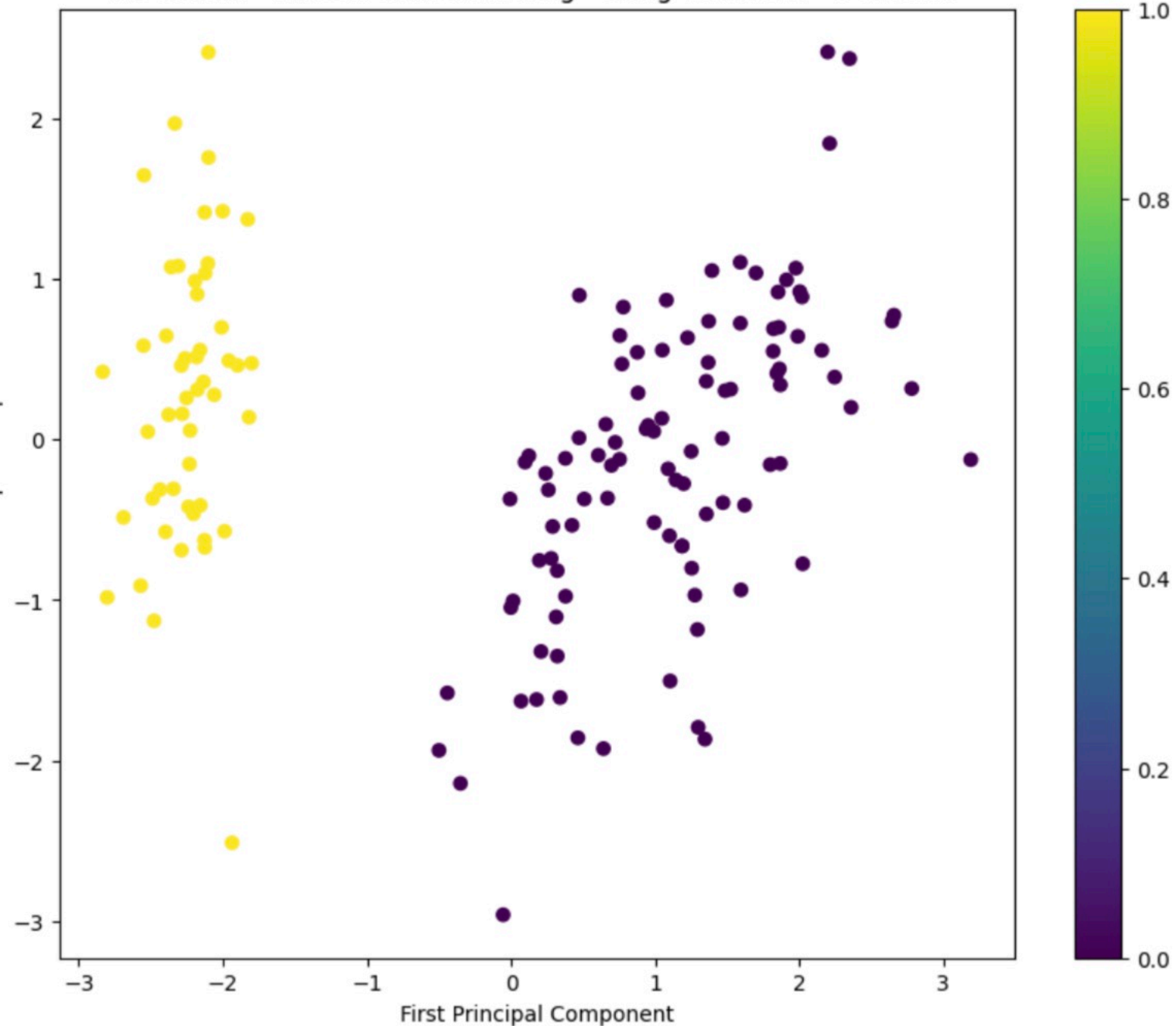
Feature 1 Distribution



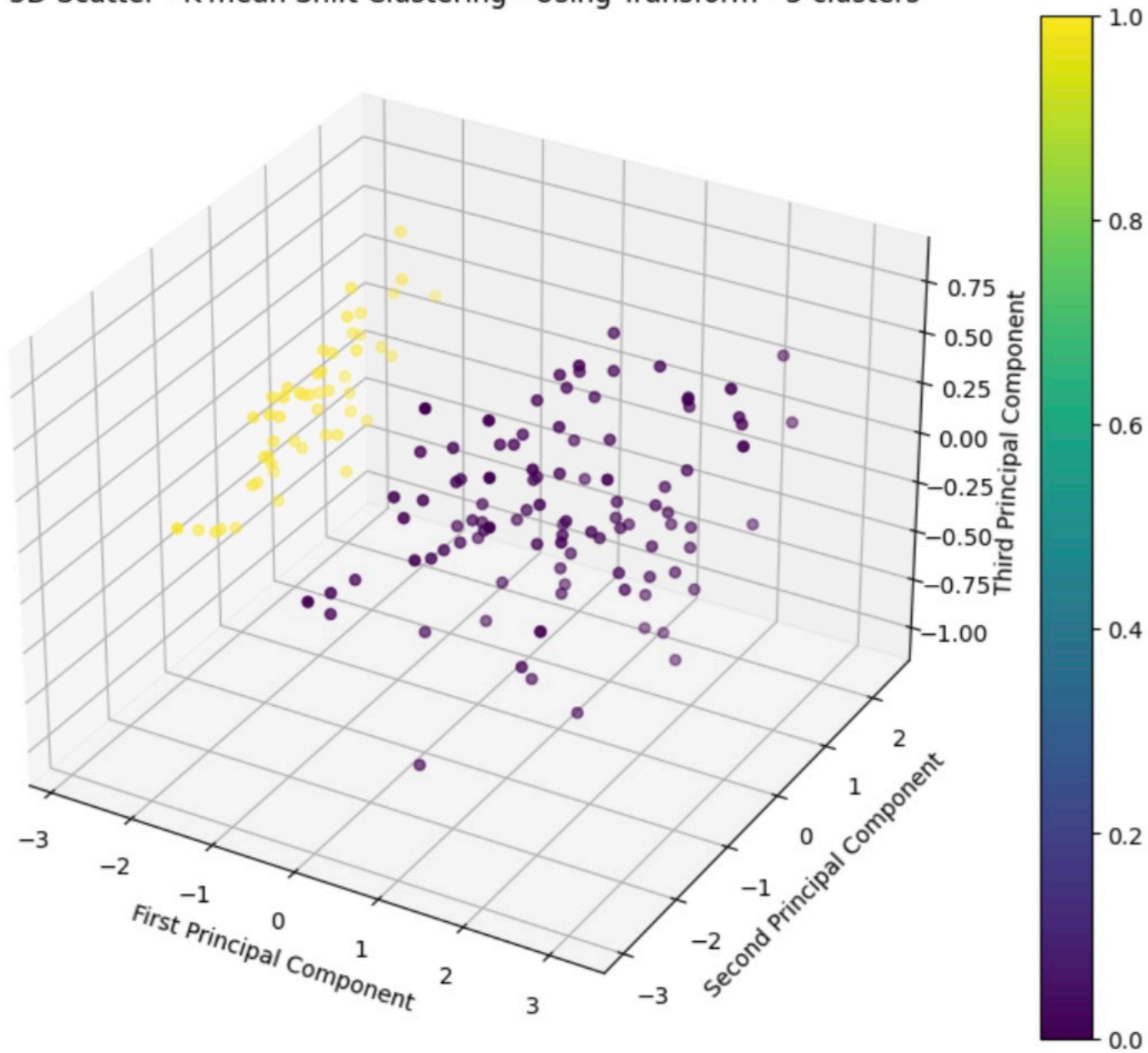
Feature 2 Distribution



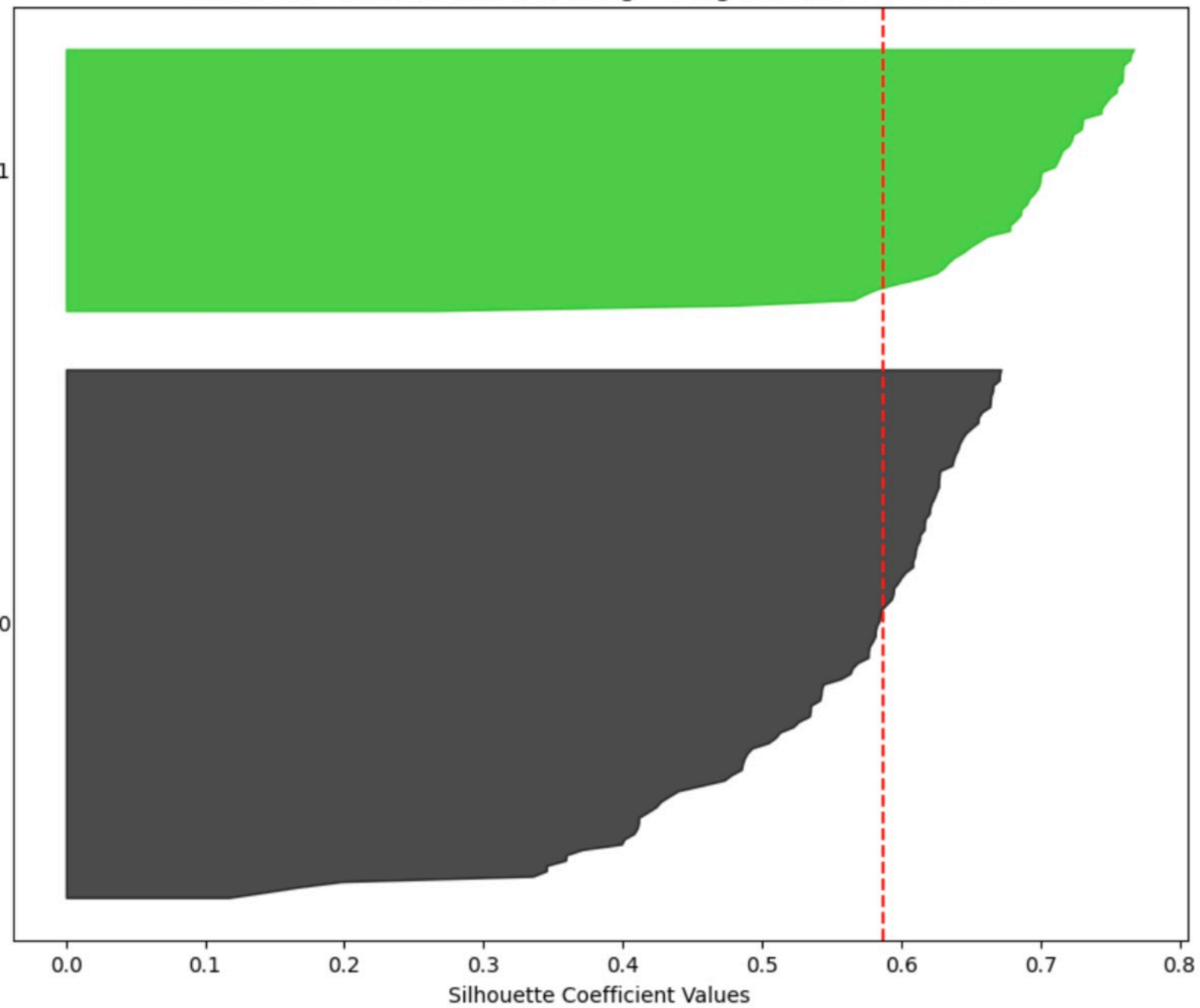
2D Scatter - K-mean Shift Clustering - Using Transform - 3 clusters



3D Scatter - K-mean Shift Clustering - Using Transform - 3 clusters

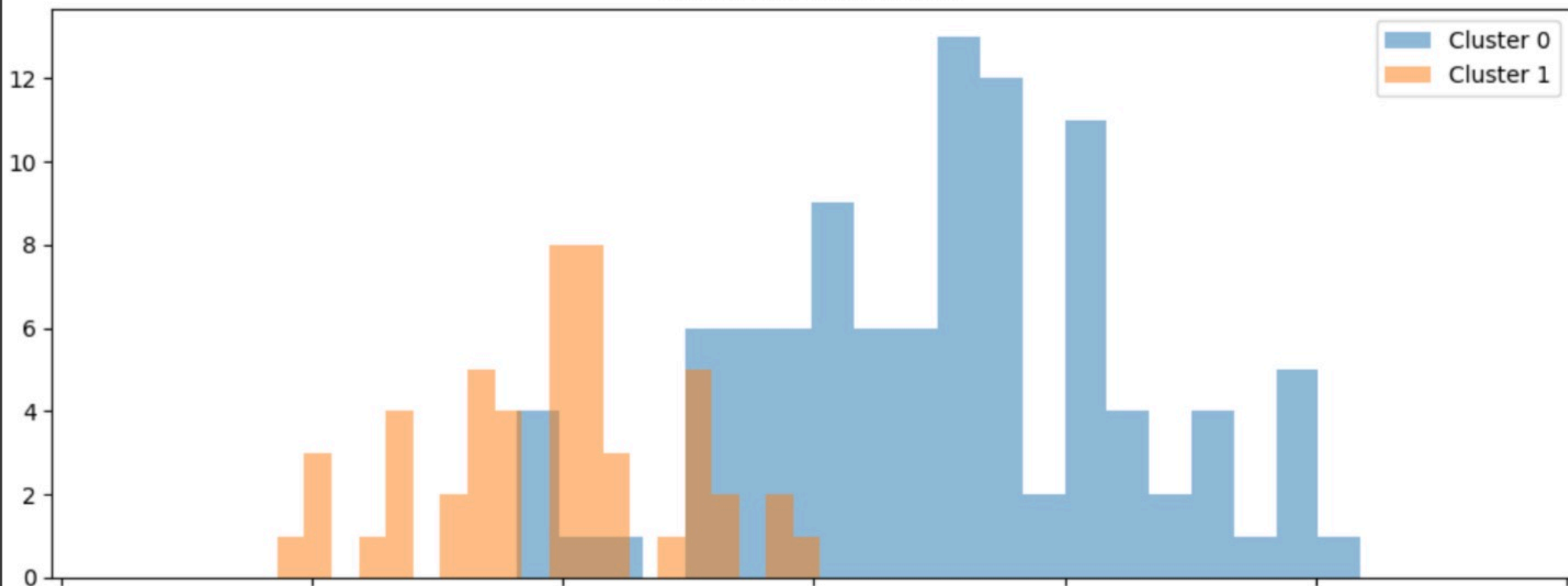


Silhouette - K-mean Shift Clustering - Using Transform - 3 clusters

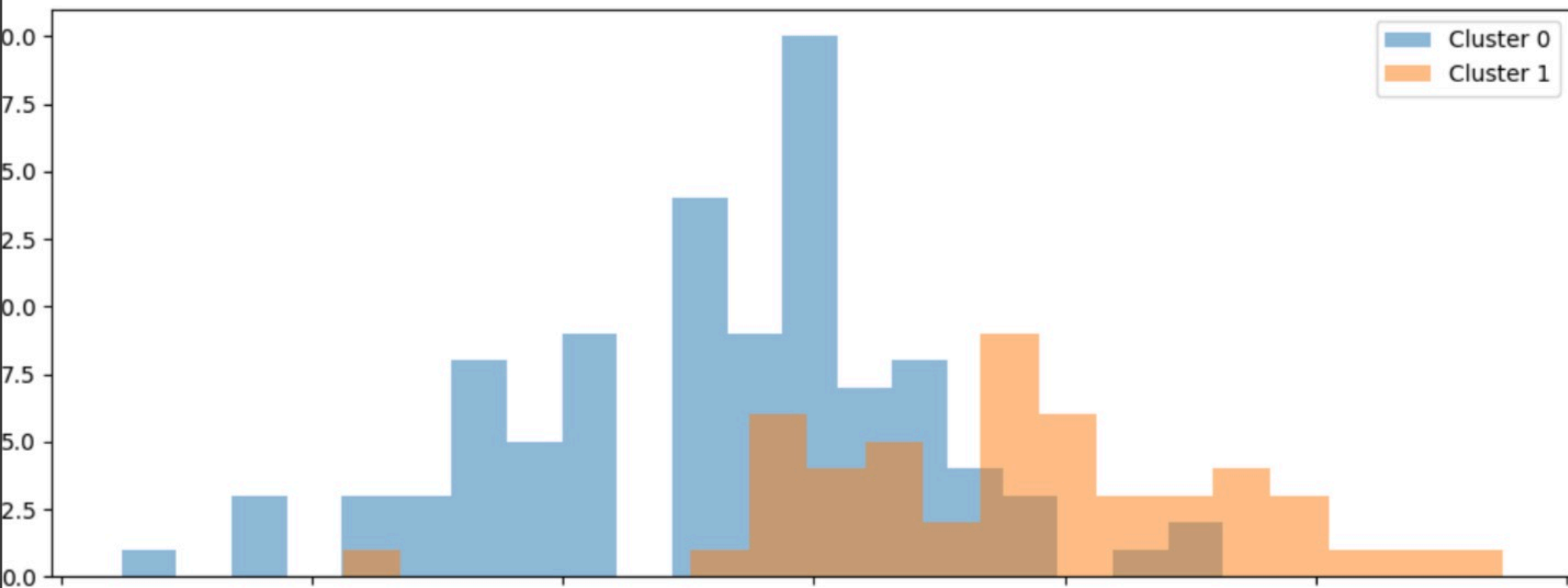


Distribution - K-mean Shift Clustering - Using Transform - 3 clusters

Feature 1 Distribution

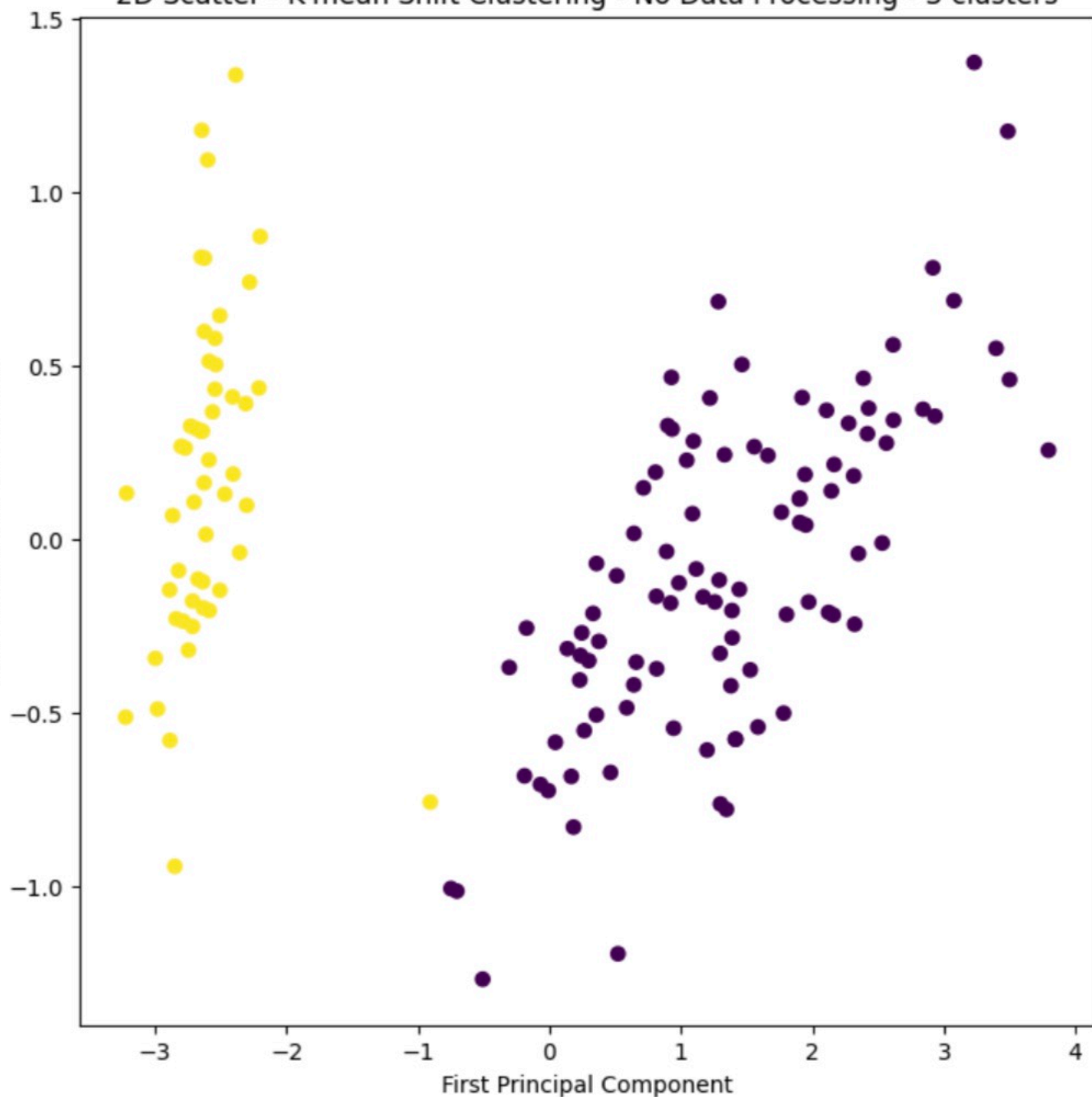


Feature 2 Distribution

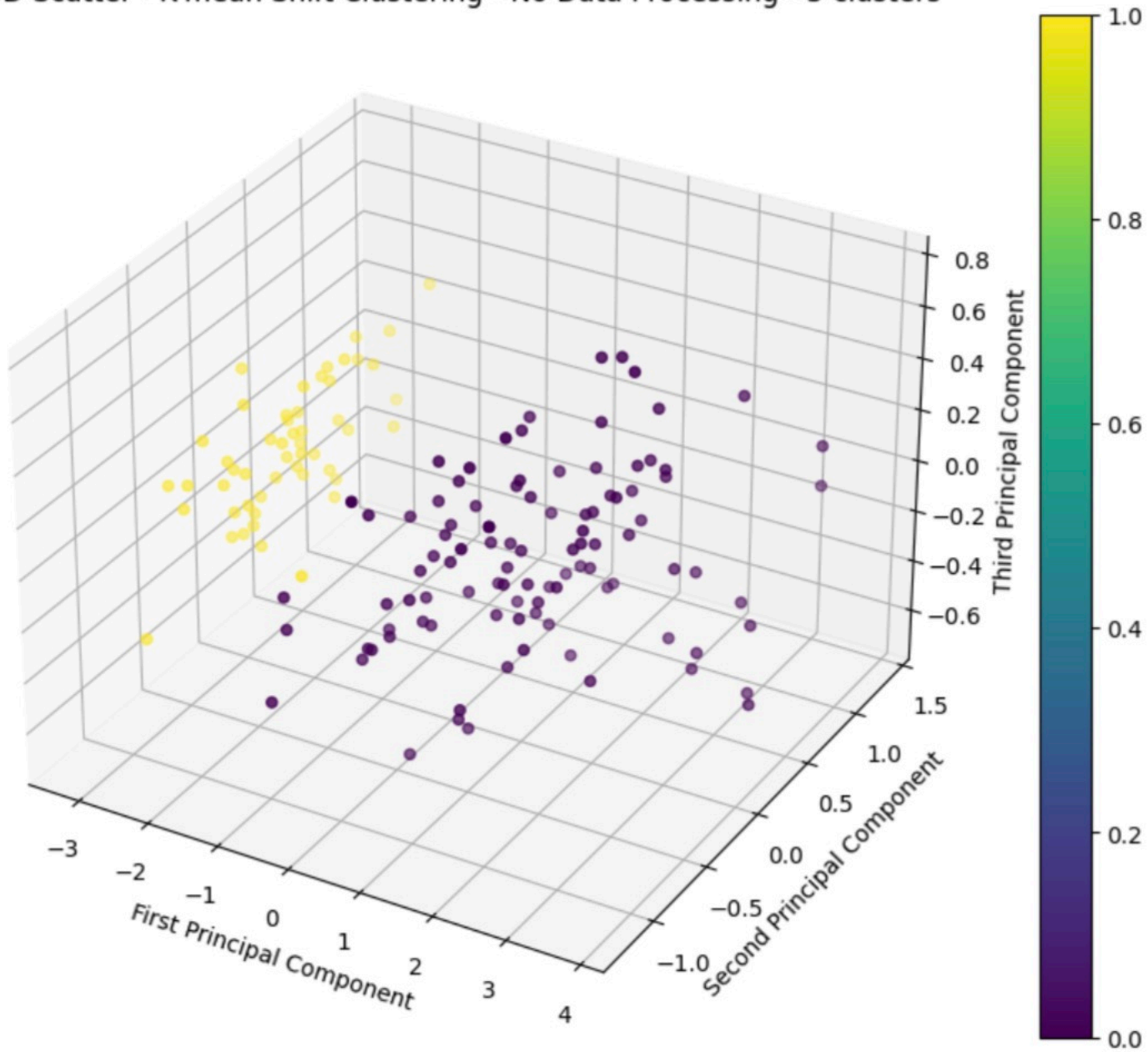


2D Scatter - K-mean Shift Clustering - No Data Processing - 3 clusters

Second Principal Component



3D Scatter - K-mean Shift Clustering - No Data Processing - 3 clusters



Silhouette - K-mean Shift Clustering - No Data Processing - 3 clusters

Cluster Label

1

0

0.0

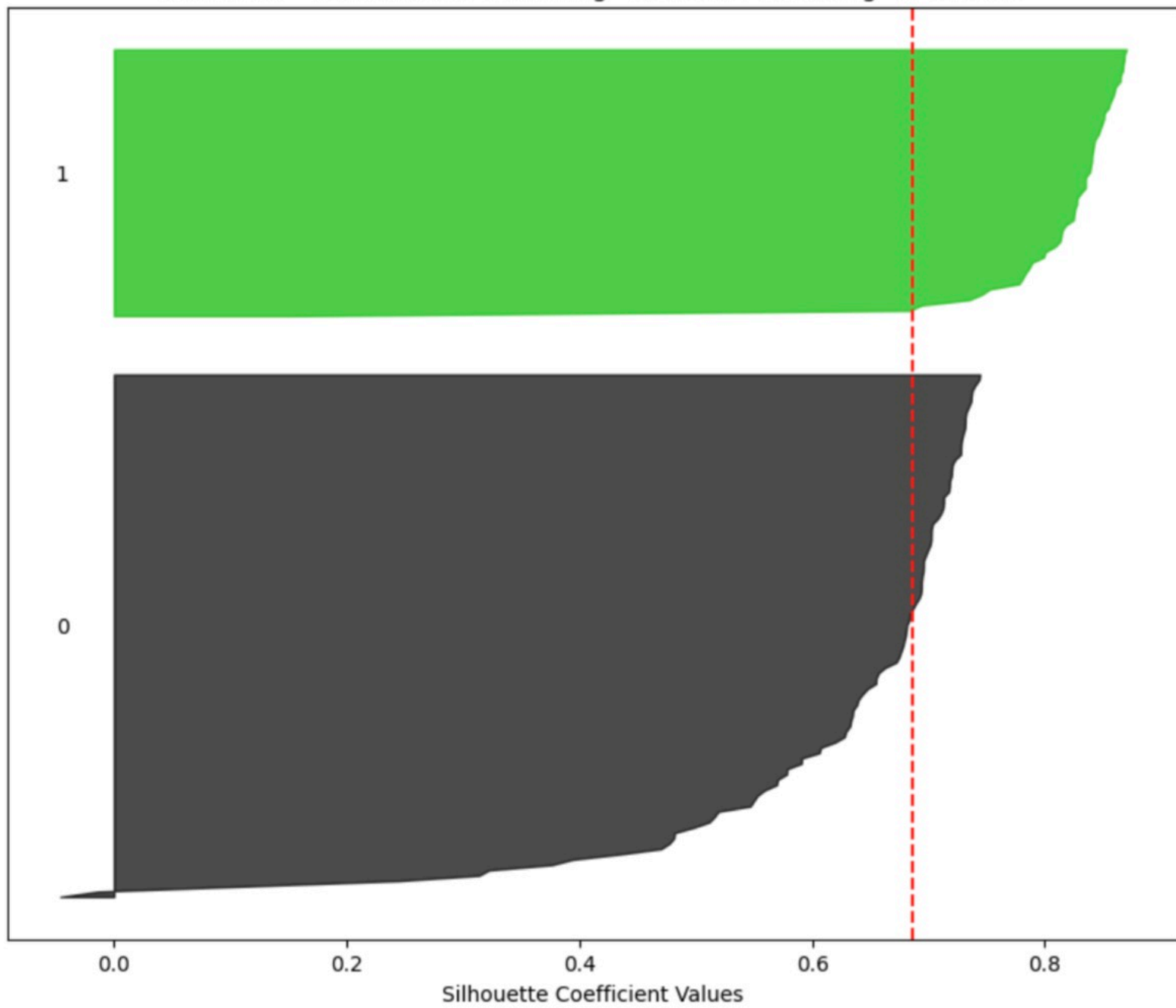
0.2

0.4

0.6

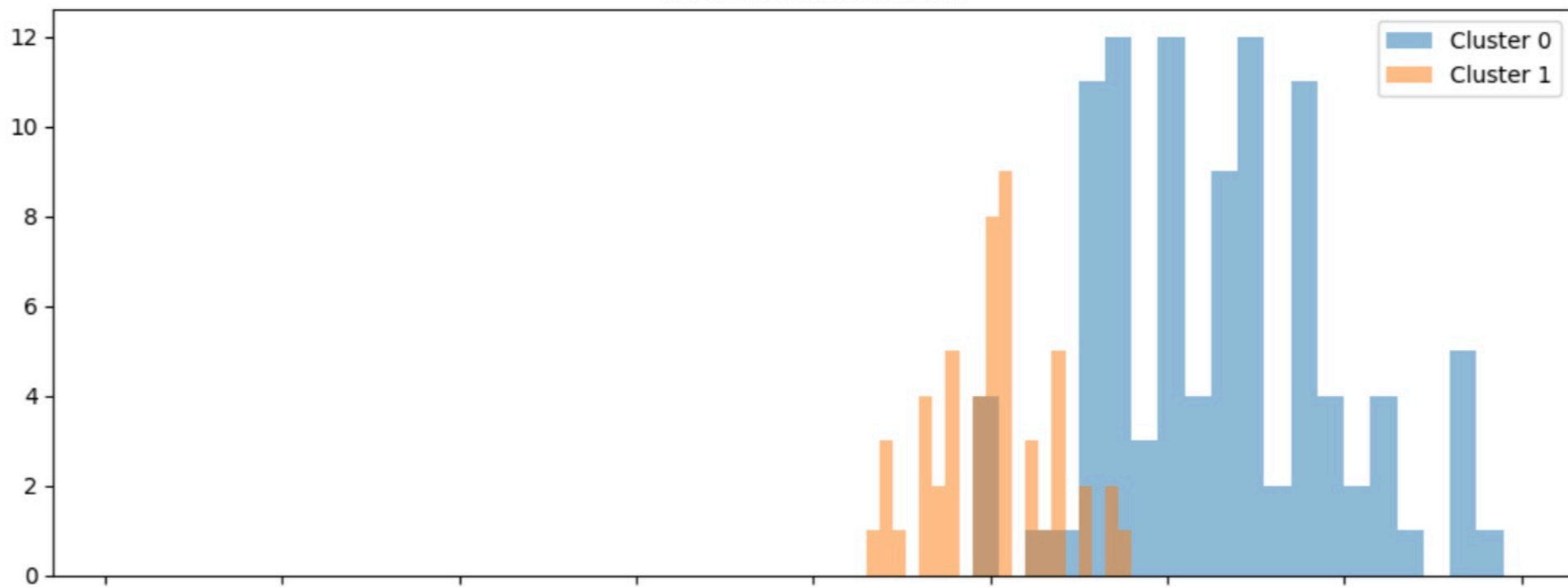
0.8

Silhouette Coefficient Values

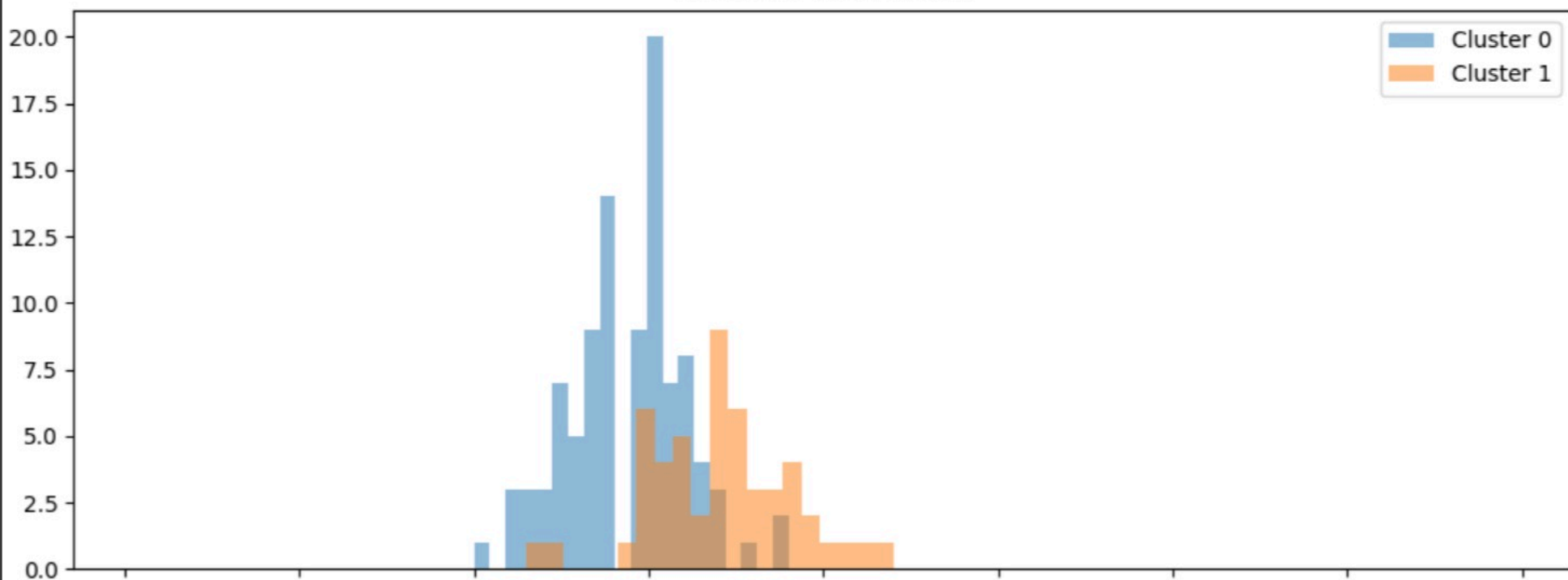


Distribution - K-mean Shift Clustering - No Data Processing - 3 clusters

Feature 1 Distribution



Feature 2 Distribution



2D Scatter - K-mean Shift Clustering - Using Normalization - 3 clusters

