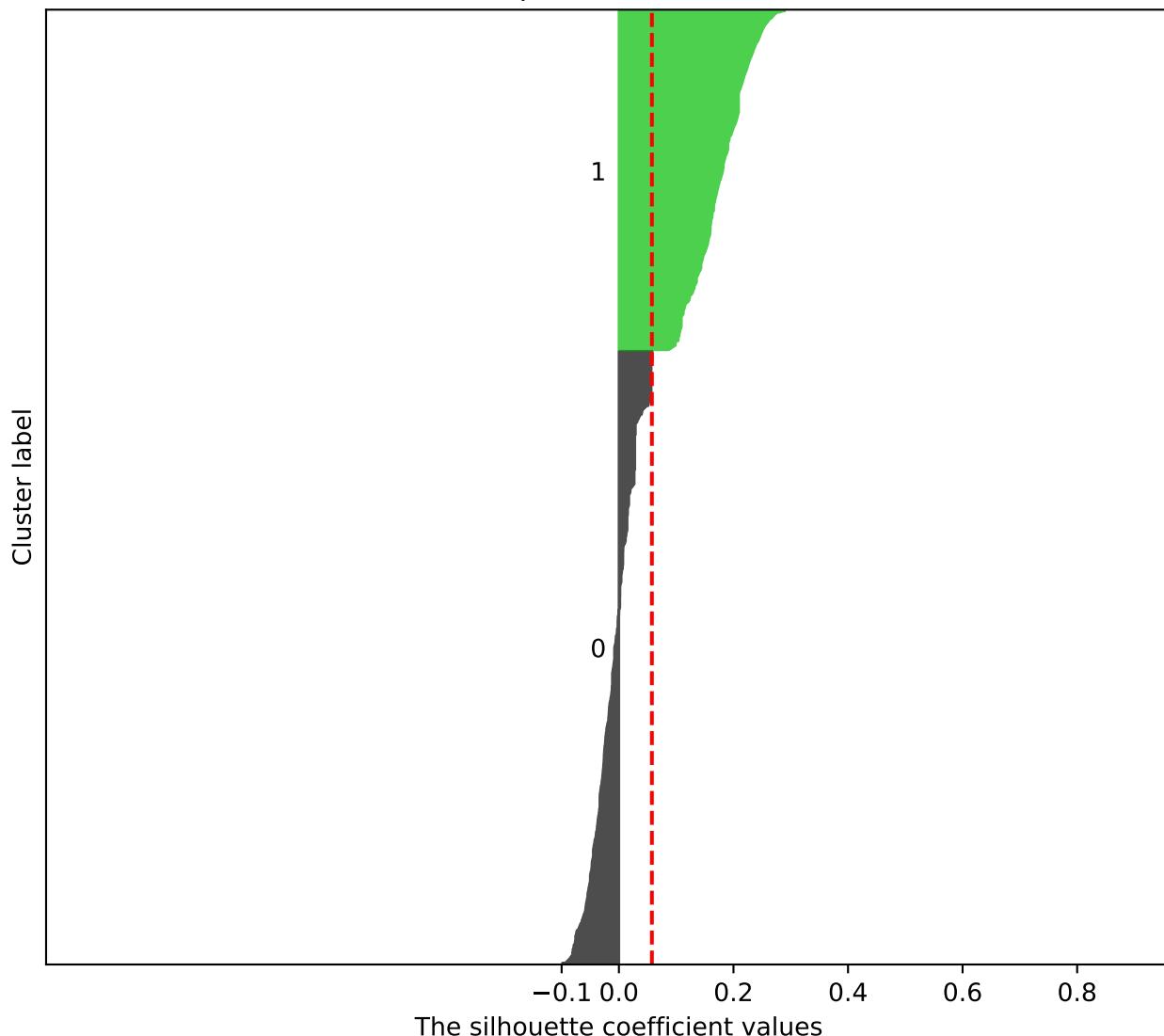
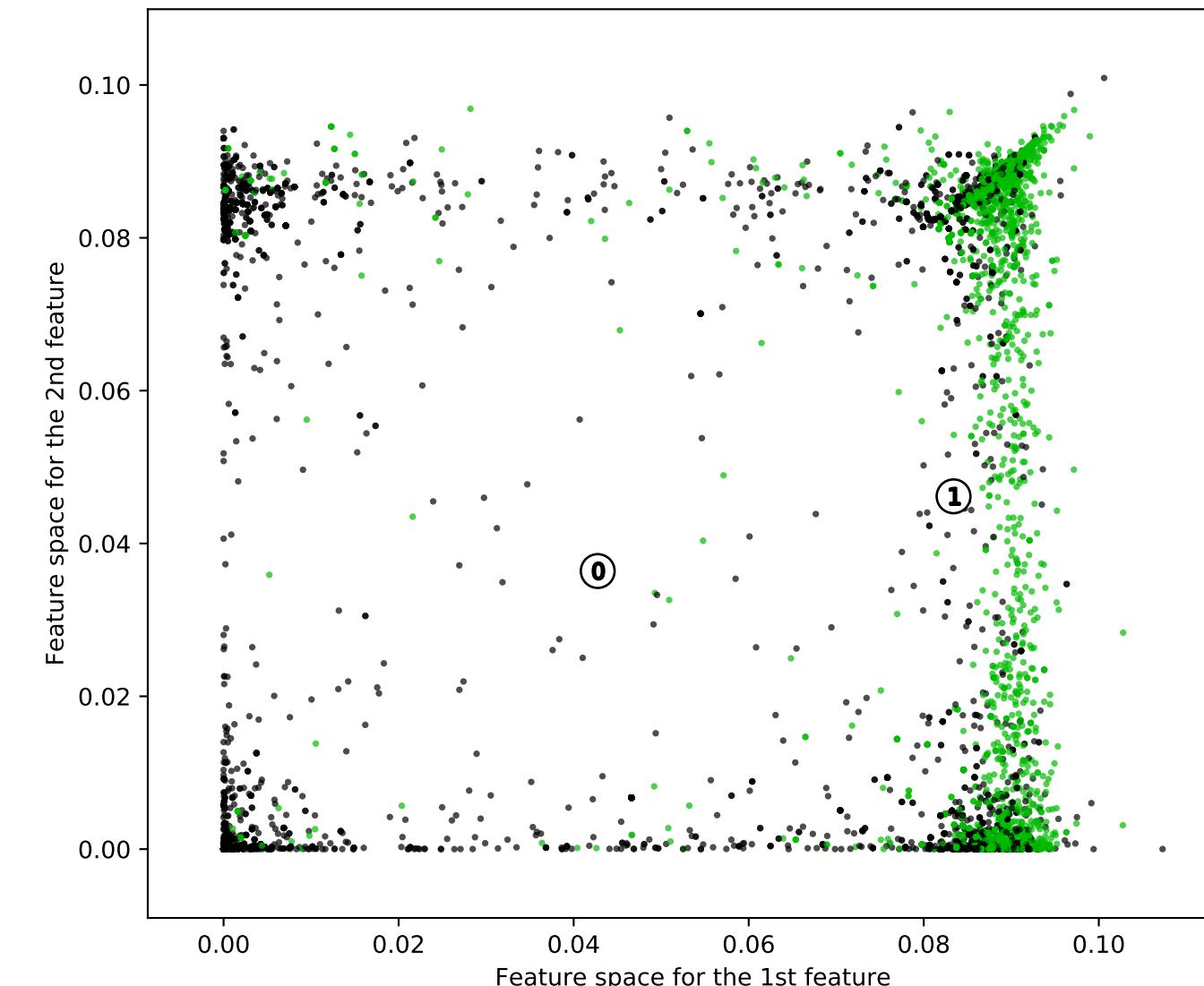


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 2 with Average Silhouette of: 0.05759929493069649

The silhouette plot for the various clusters.

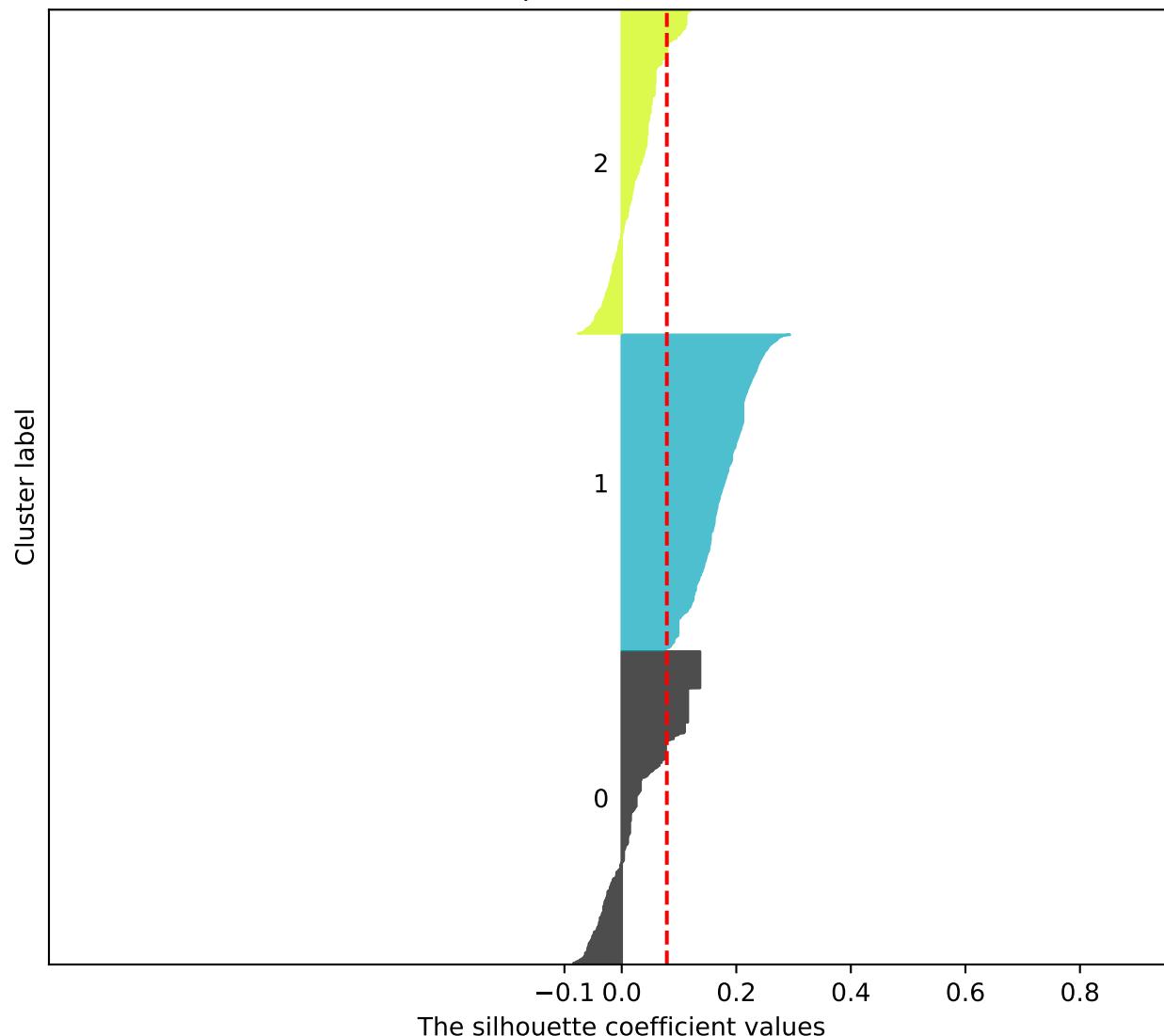


The visualization of the clustered data.

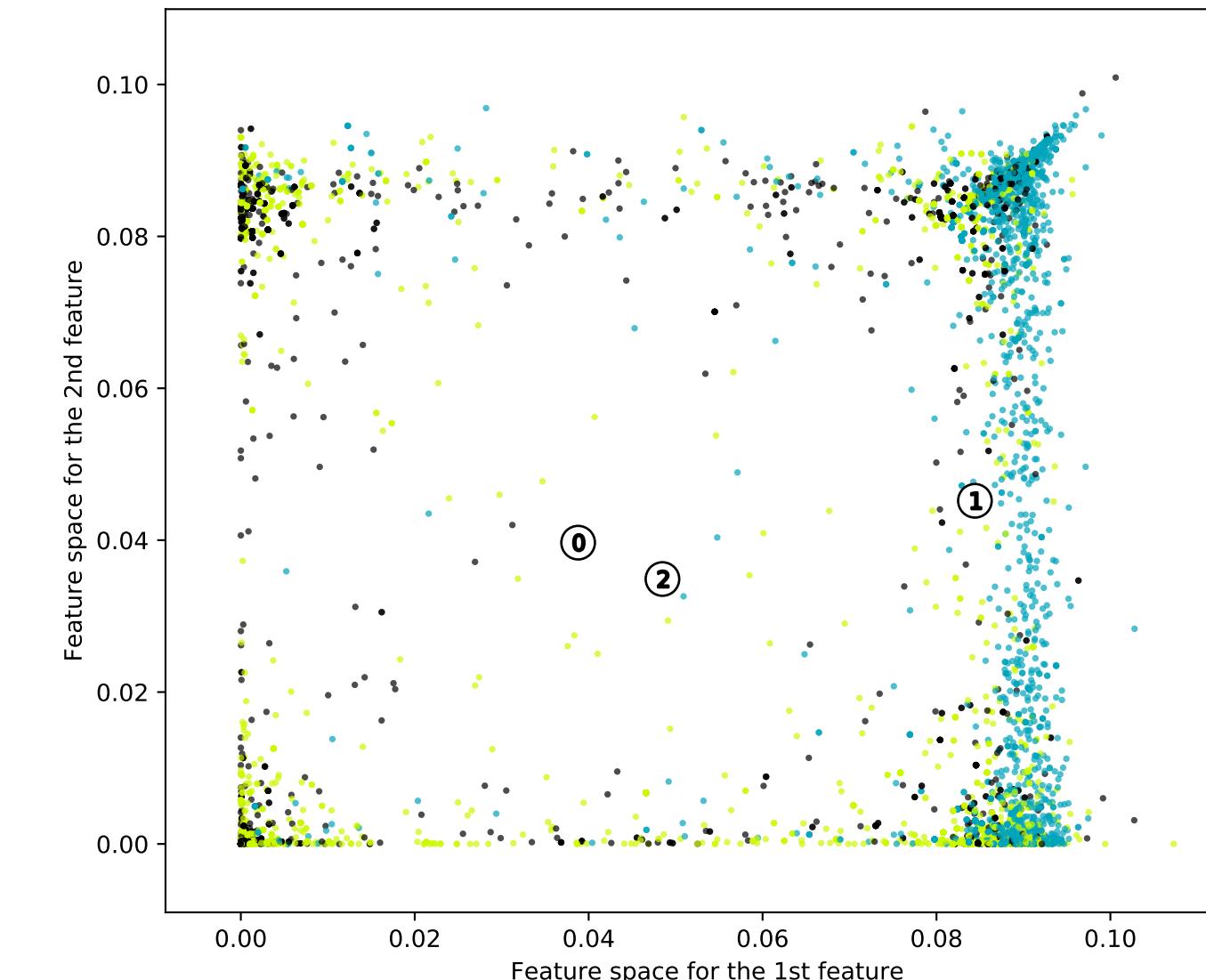


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 3 with Average Silhouette of: 0.07878393679857254

The silhouette plot for the various clusters.

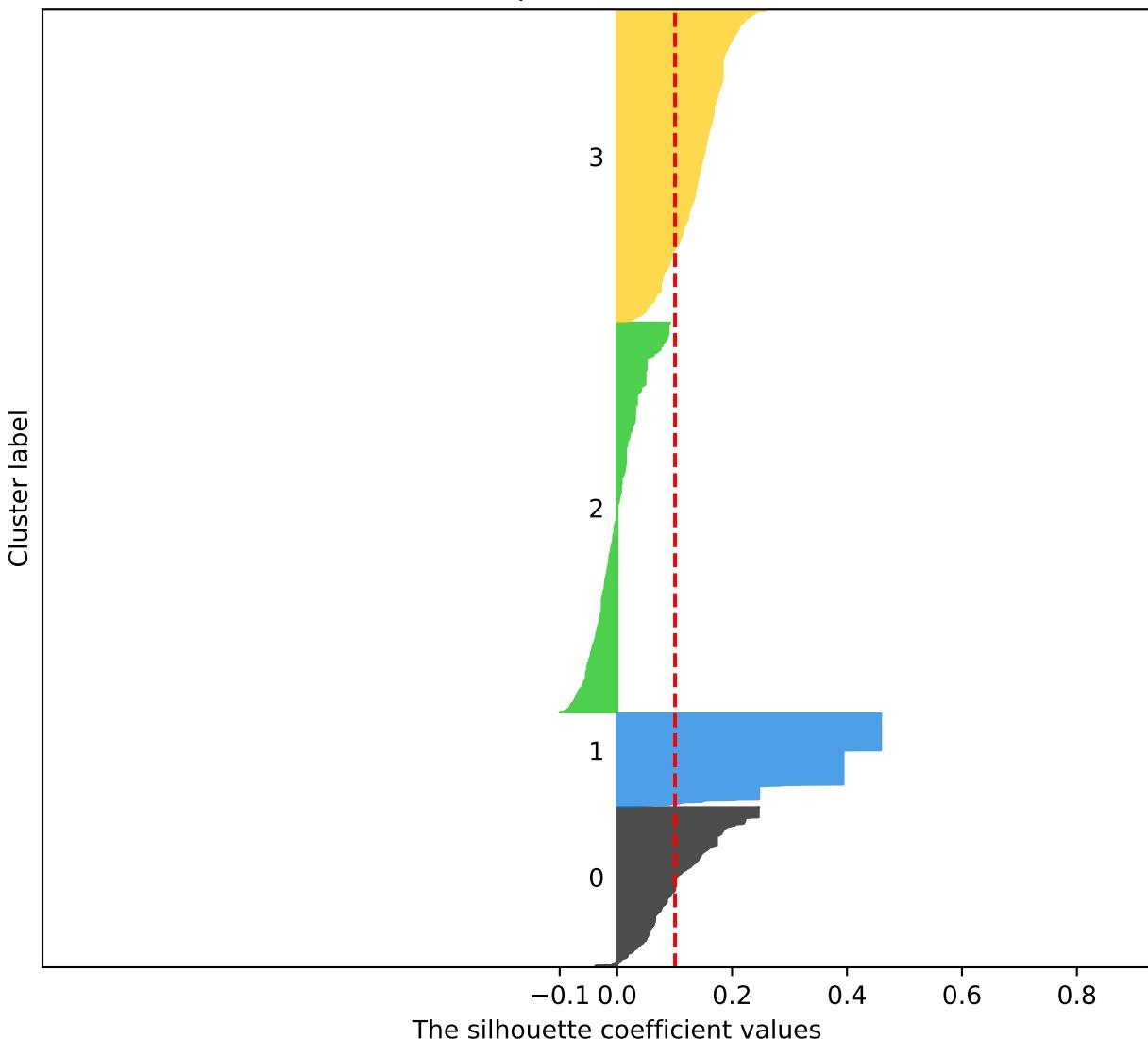


The visualization of the clustered data.

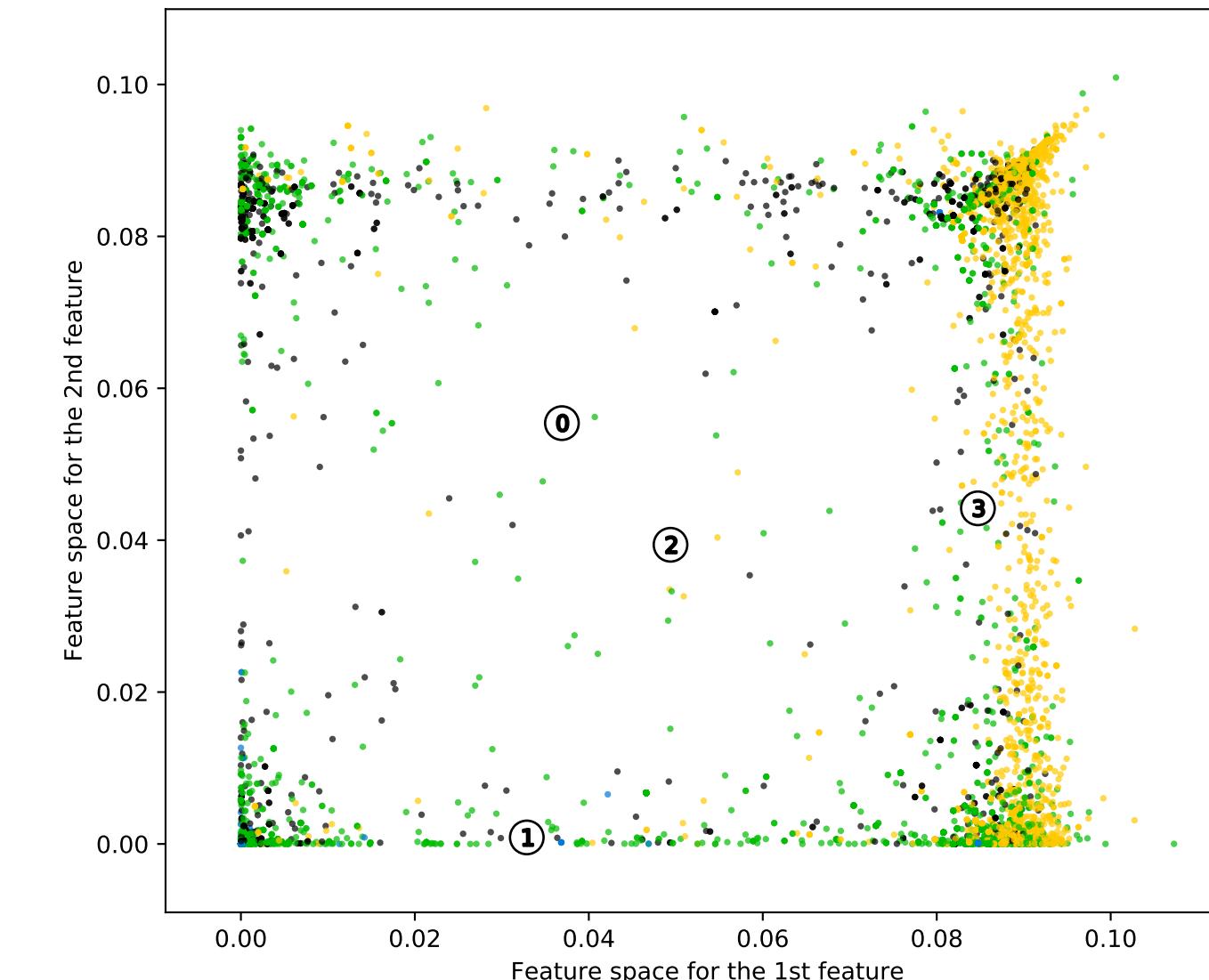


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 4 with Average Silhouette of: 0.10074051469564438

The silhouette plot for the various clusters.

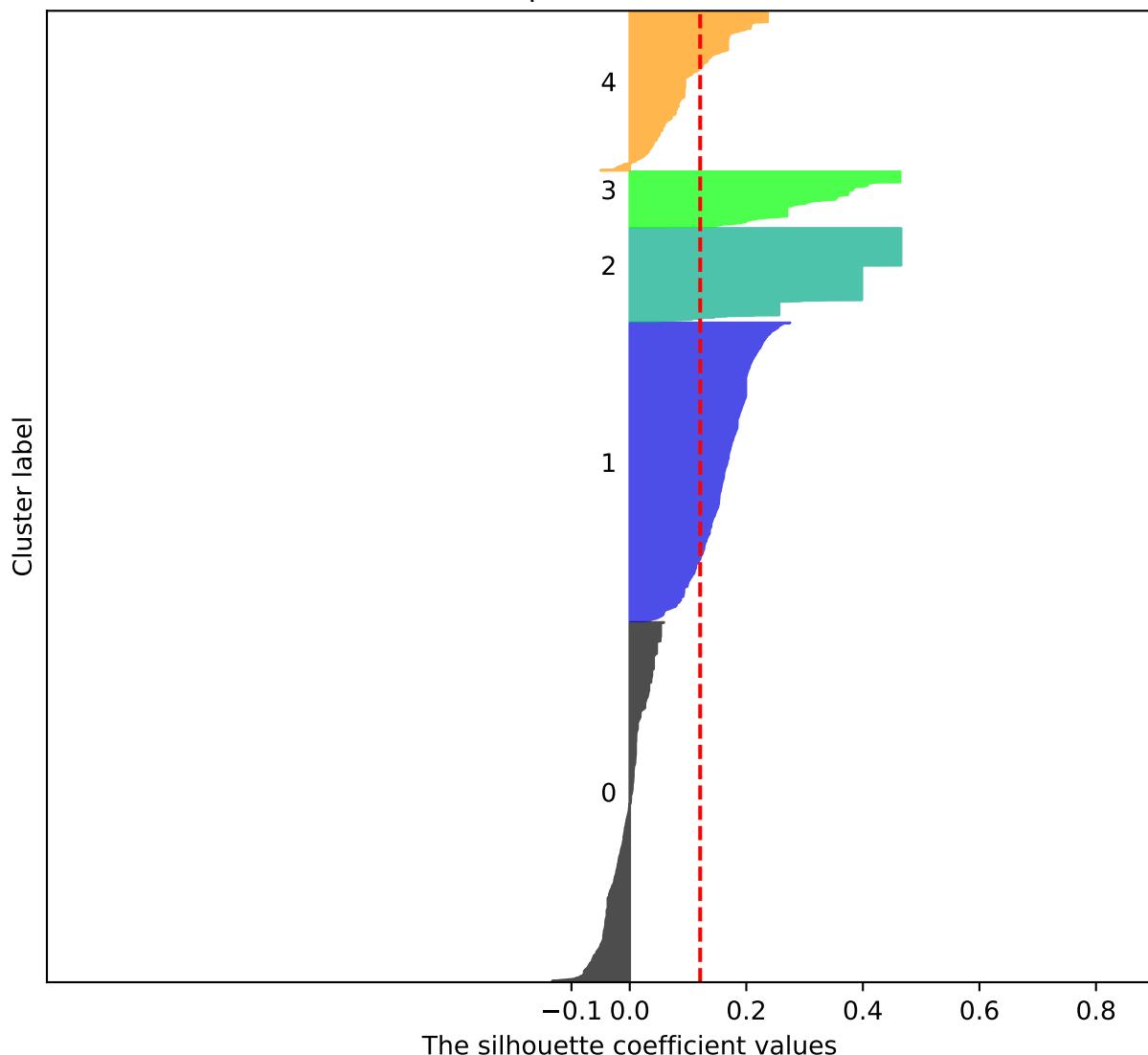


The visualization of the clustered data.

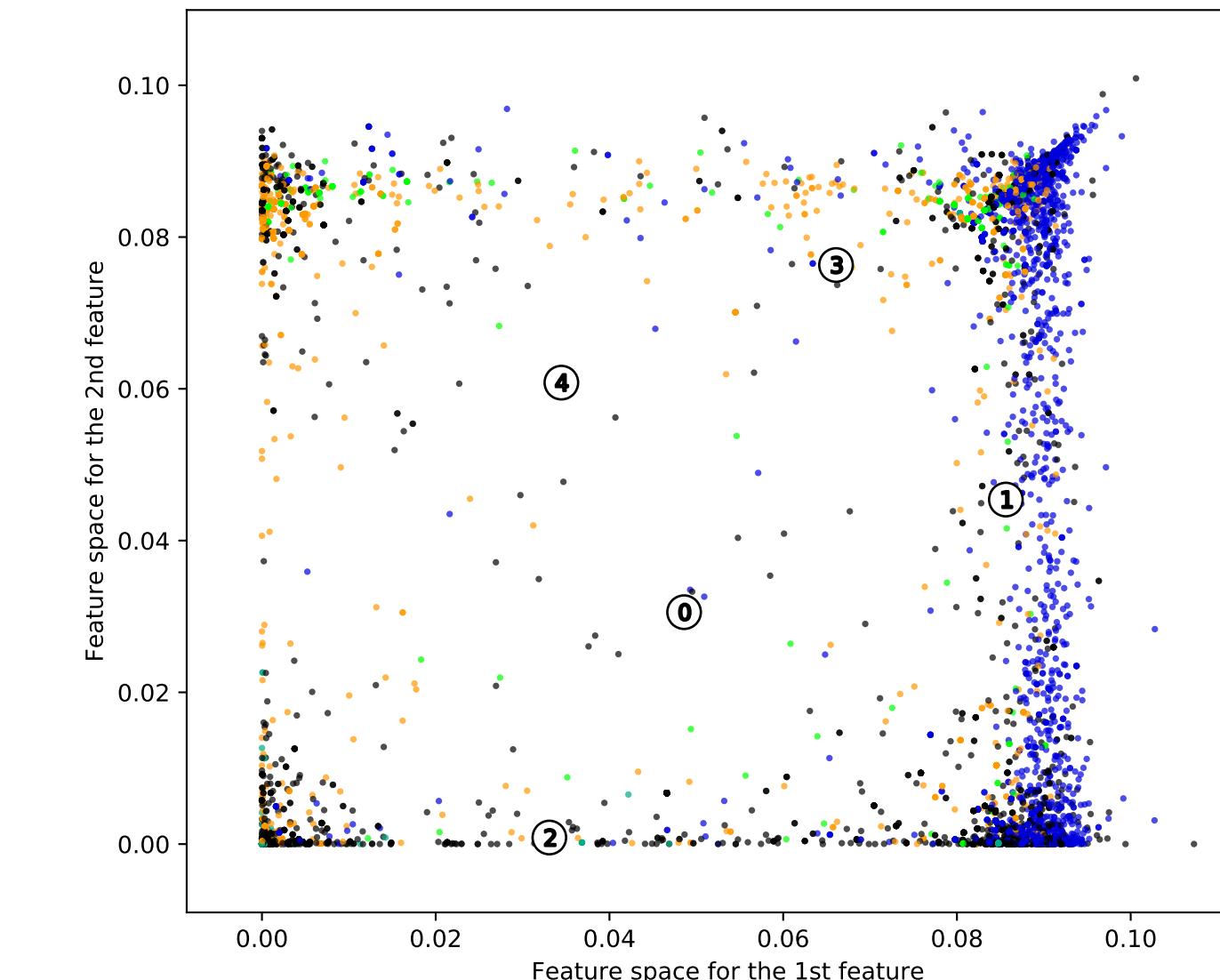


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 5 with Average Silhouette of: 0.1208191066980362

The silhouette plot for the various clusters.

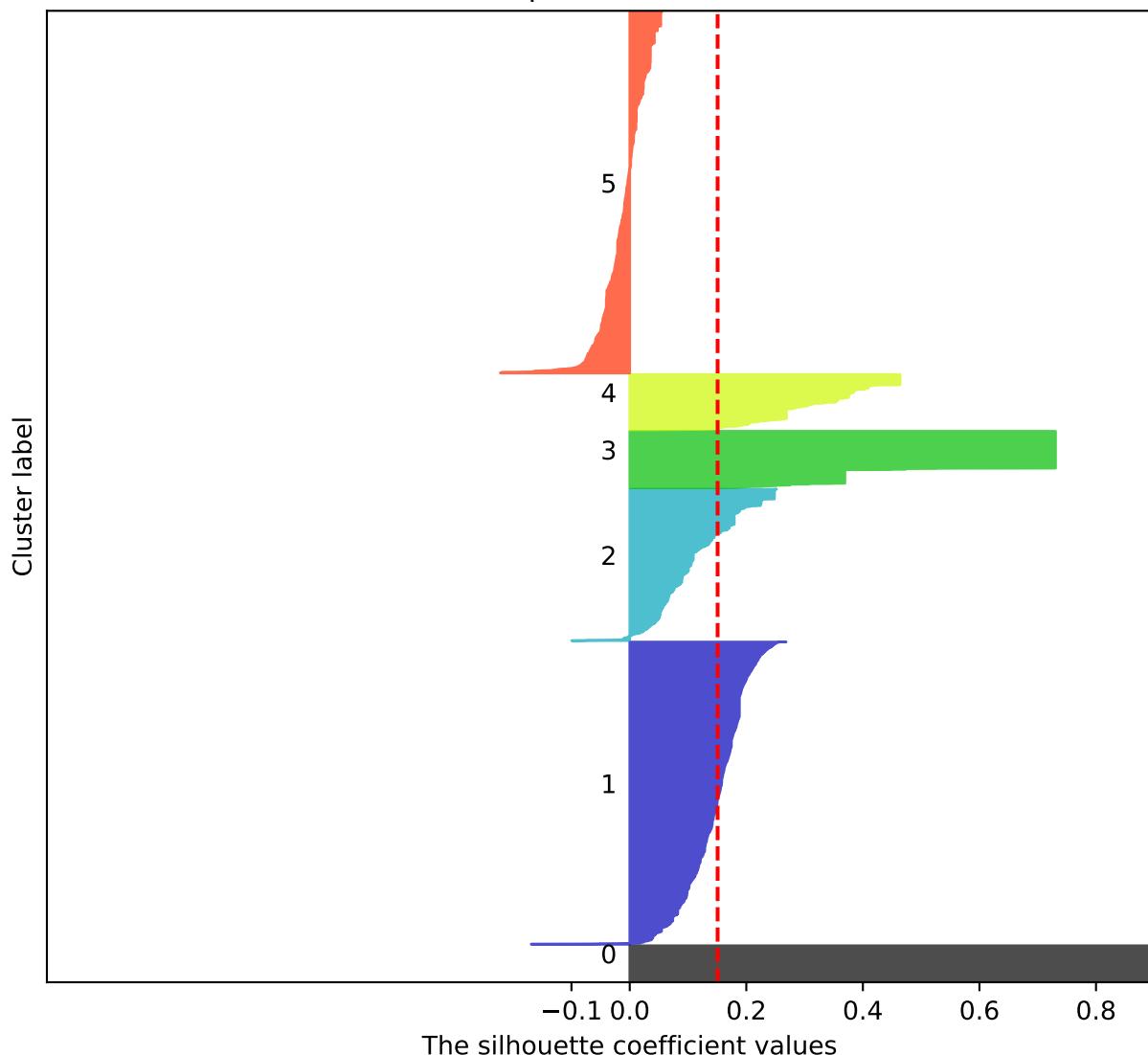


The visualization of the clustered data.

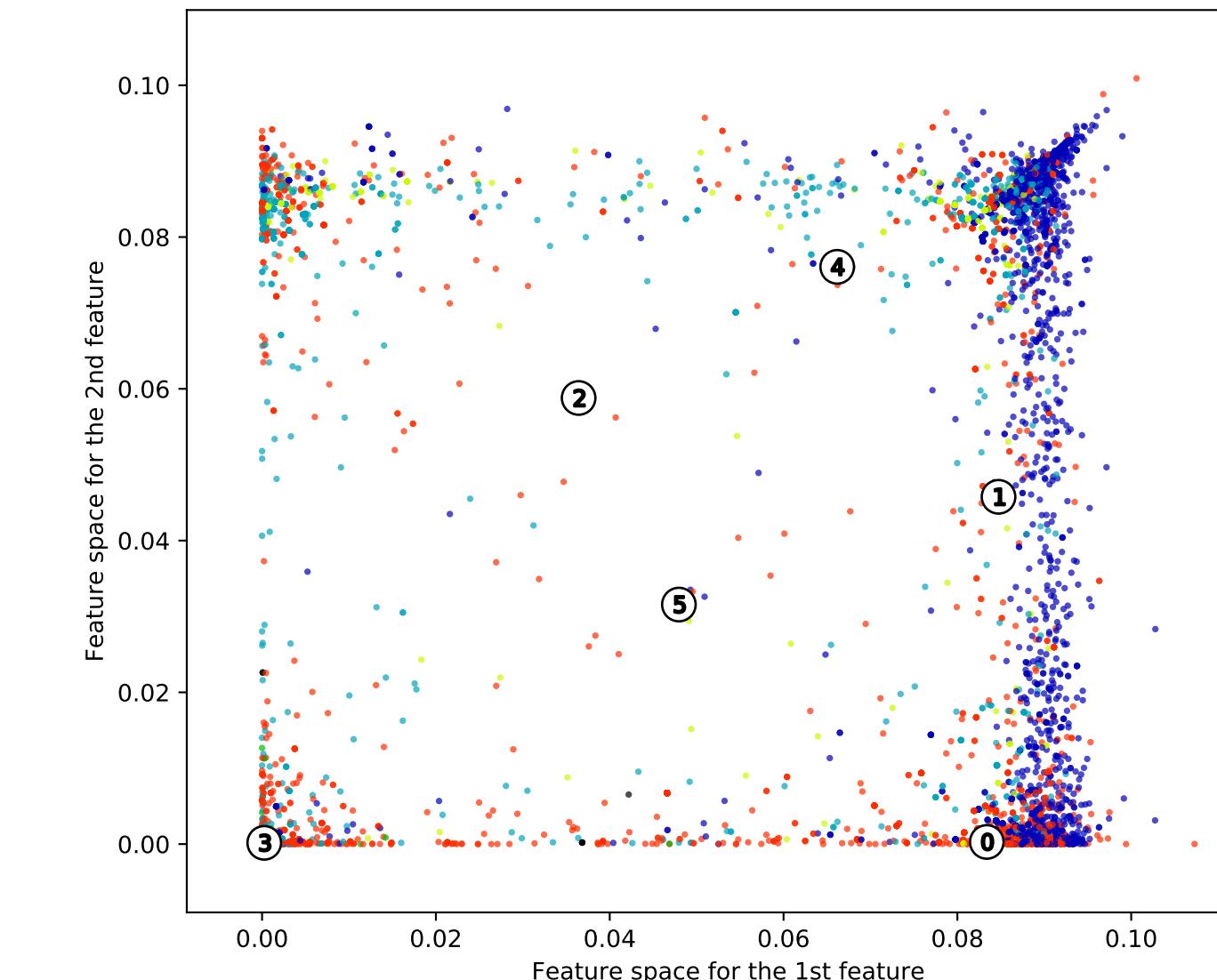


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 6 with Average Silhouette of: 0.1507544070482254

The silhouette plot for the various clusters.

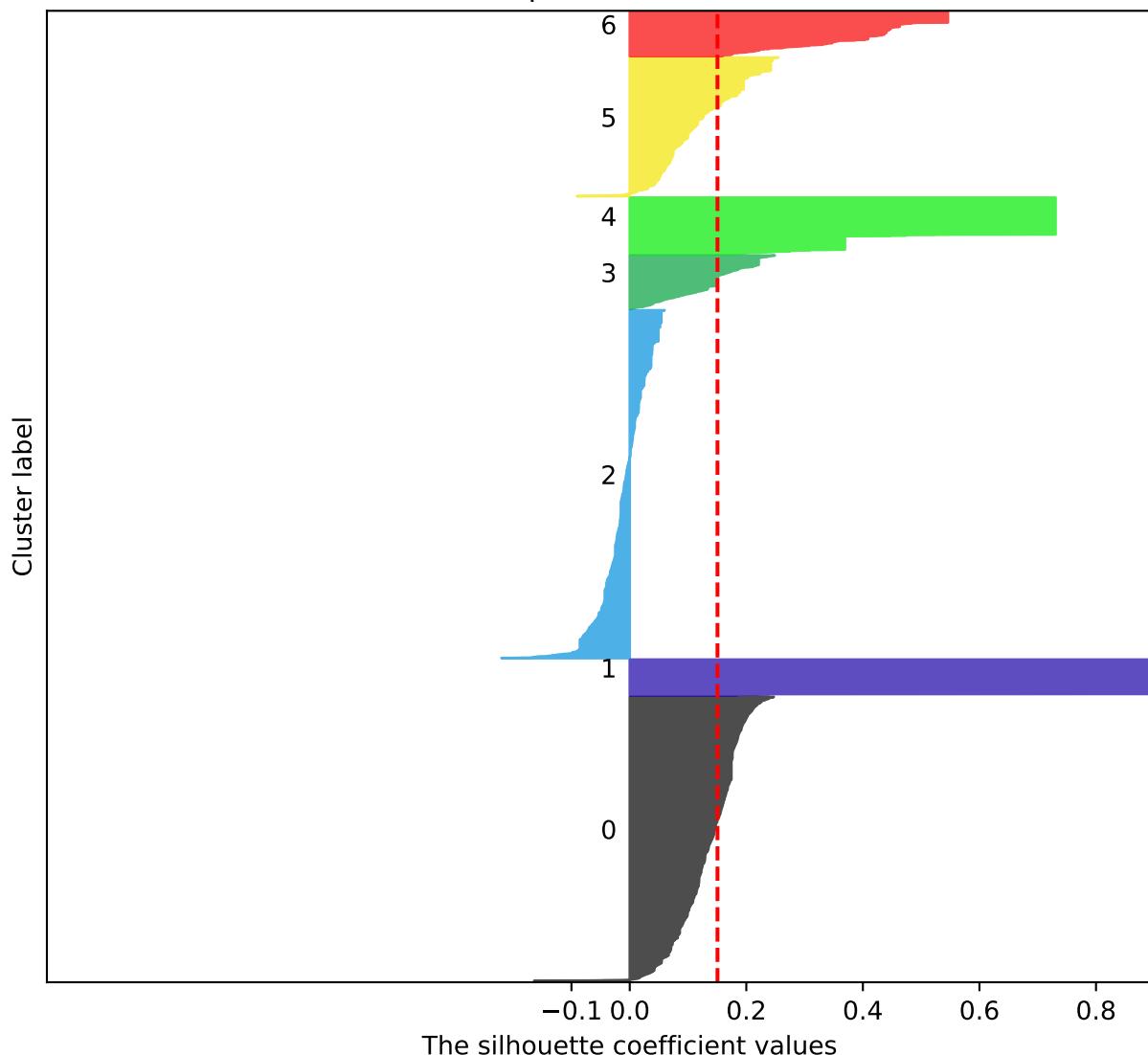


The visualization of the clustered data.

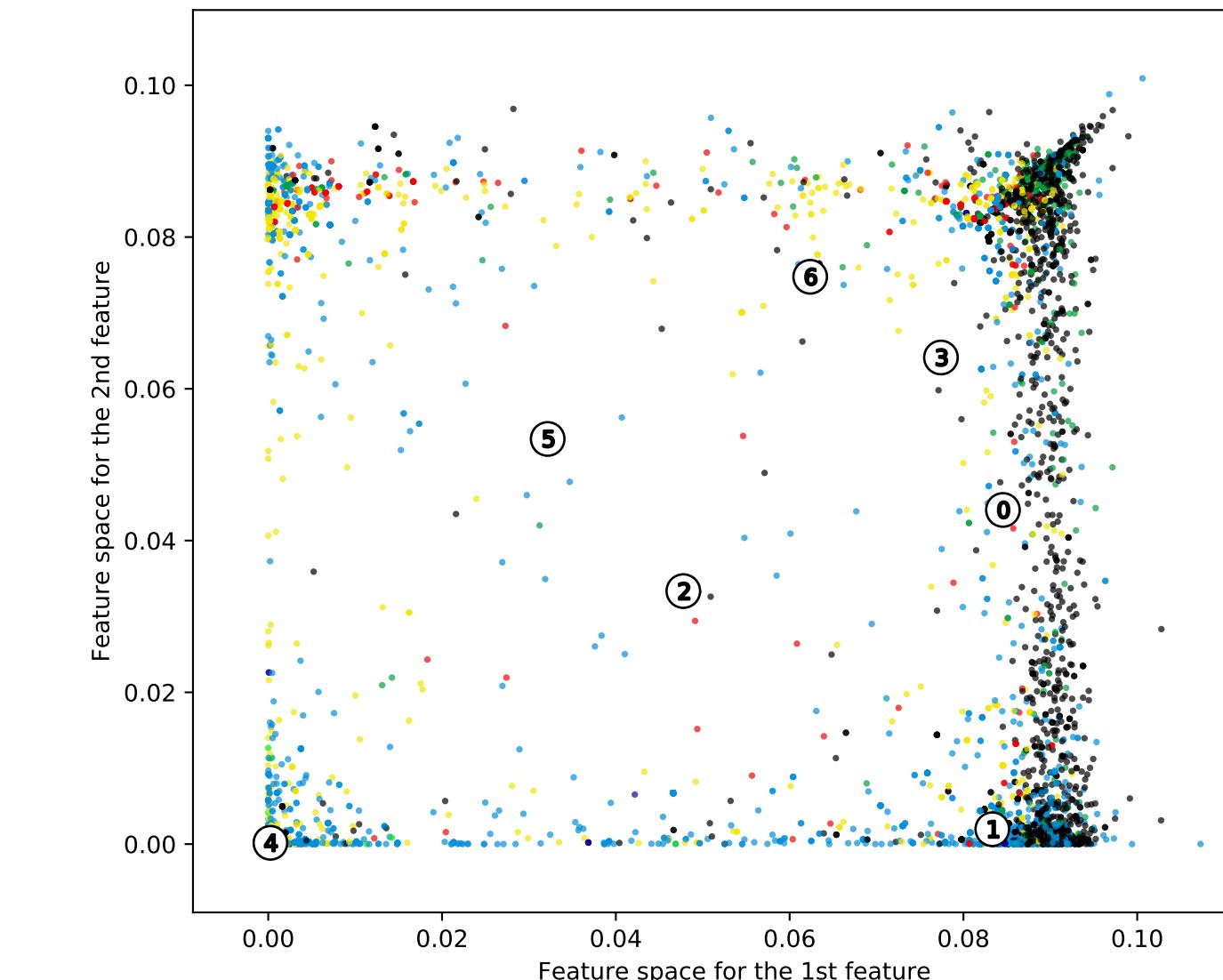


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 7 with Average Silhouette of: 0.1505189836025238

The silhouette plot for the various clusters.

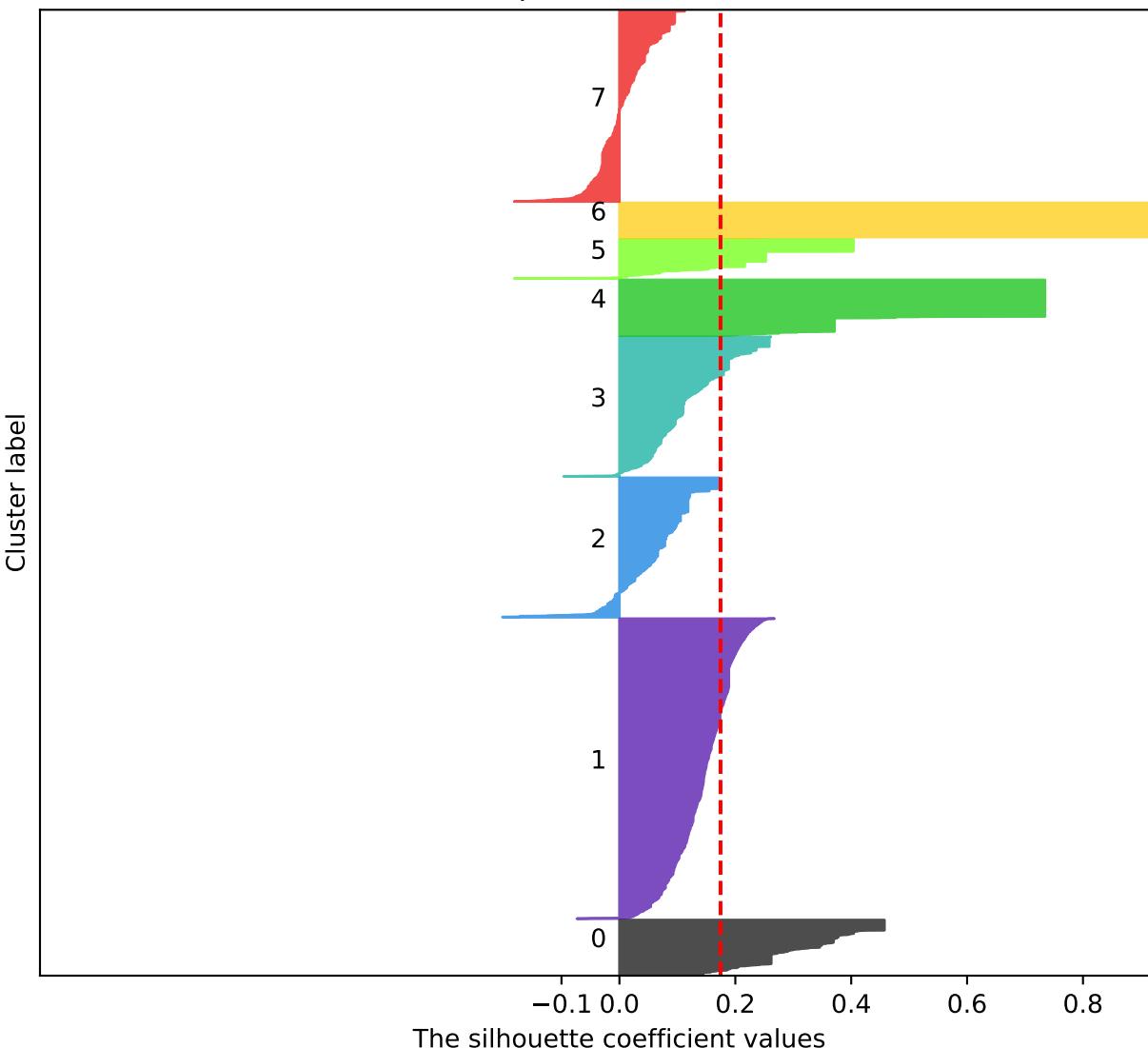


The visualization of the clustered data.

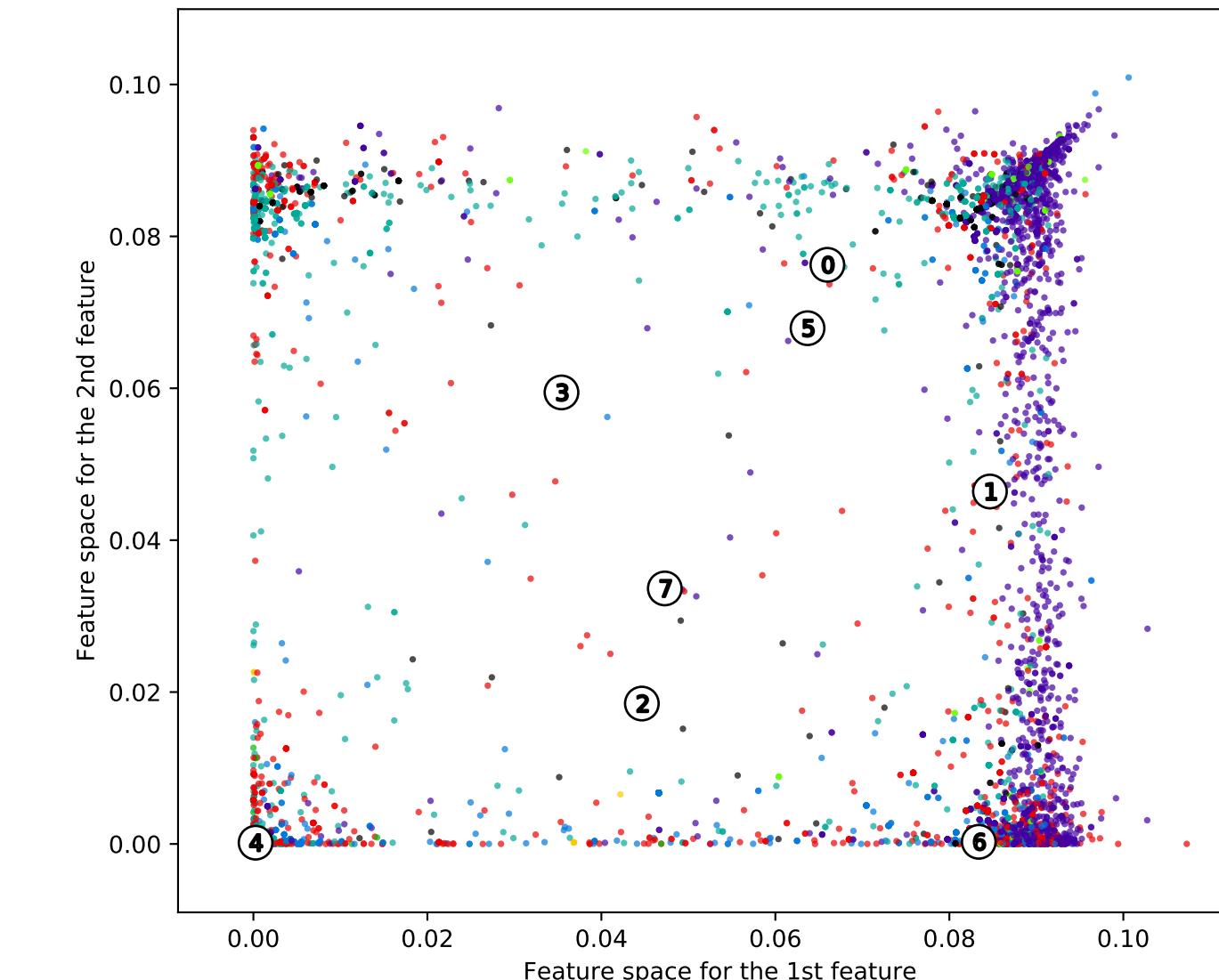


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 8 with Average Silhouette of: 0.174505814909935

The silhouette plot for the various clusters.

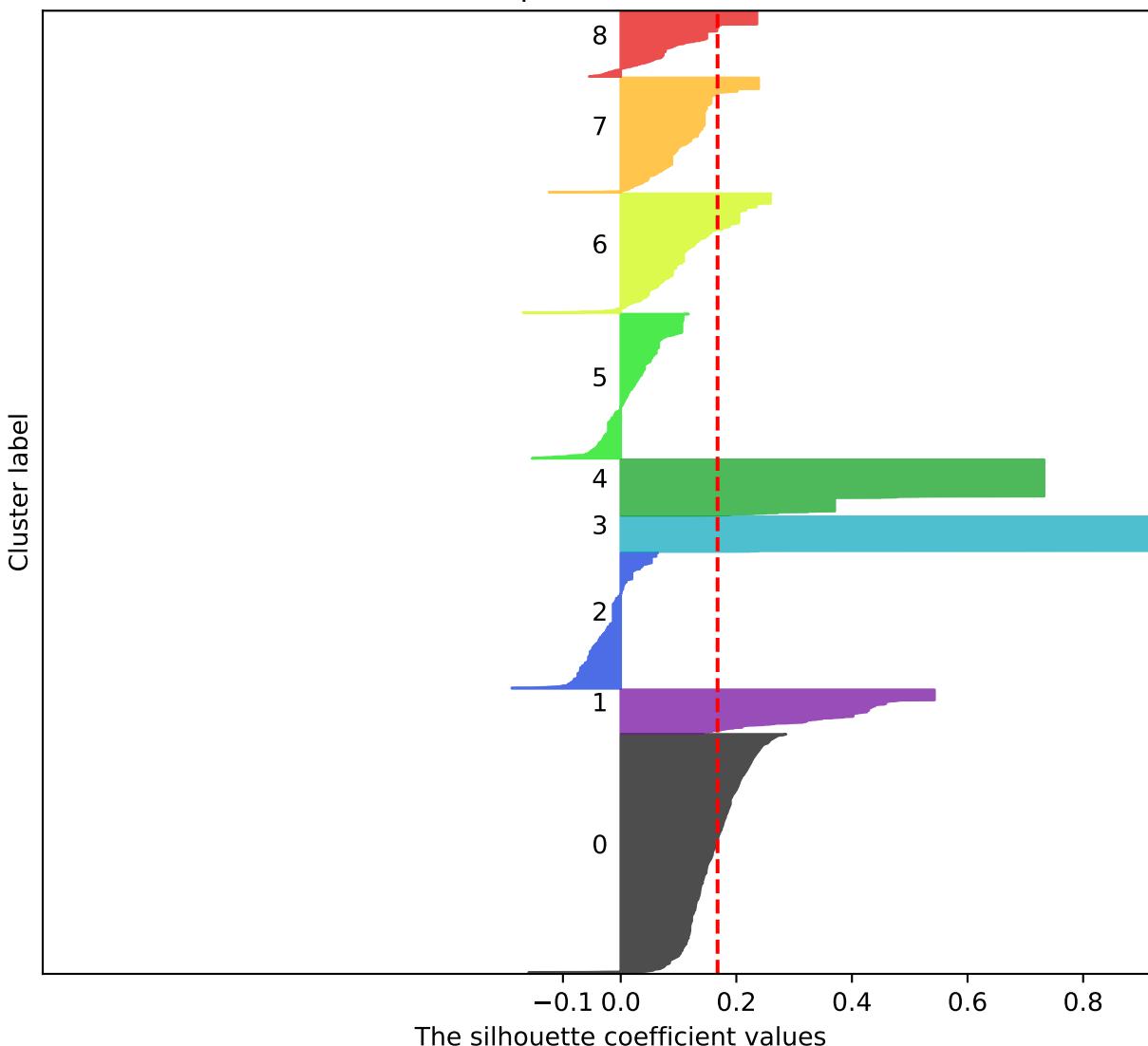


The visualization of the clustered data.

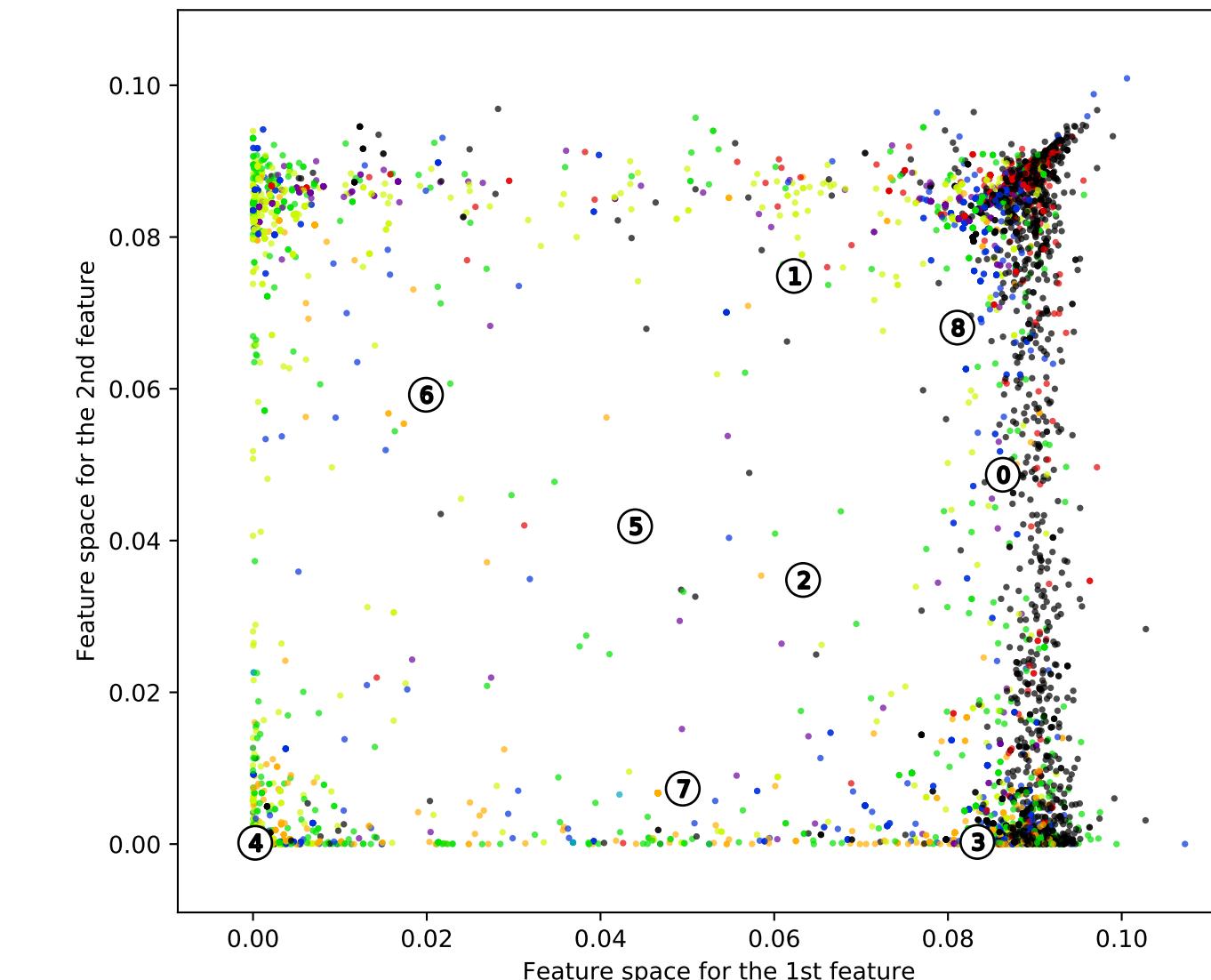


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 9 with Average Silhouette of: 0.16751043498516083

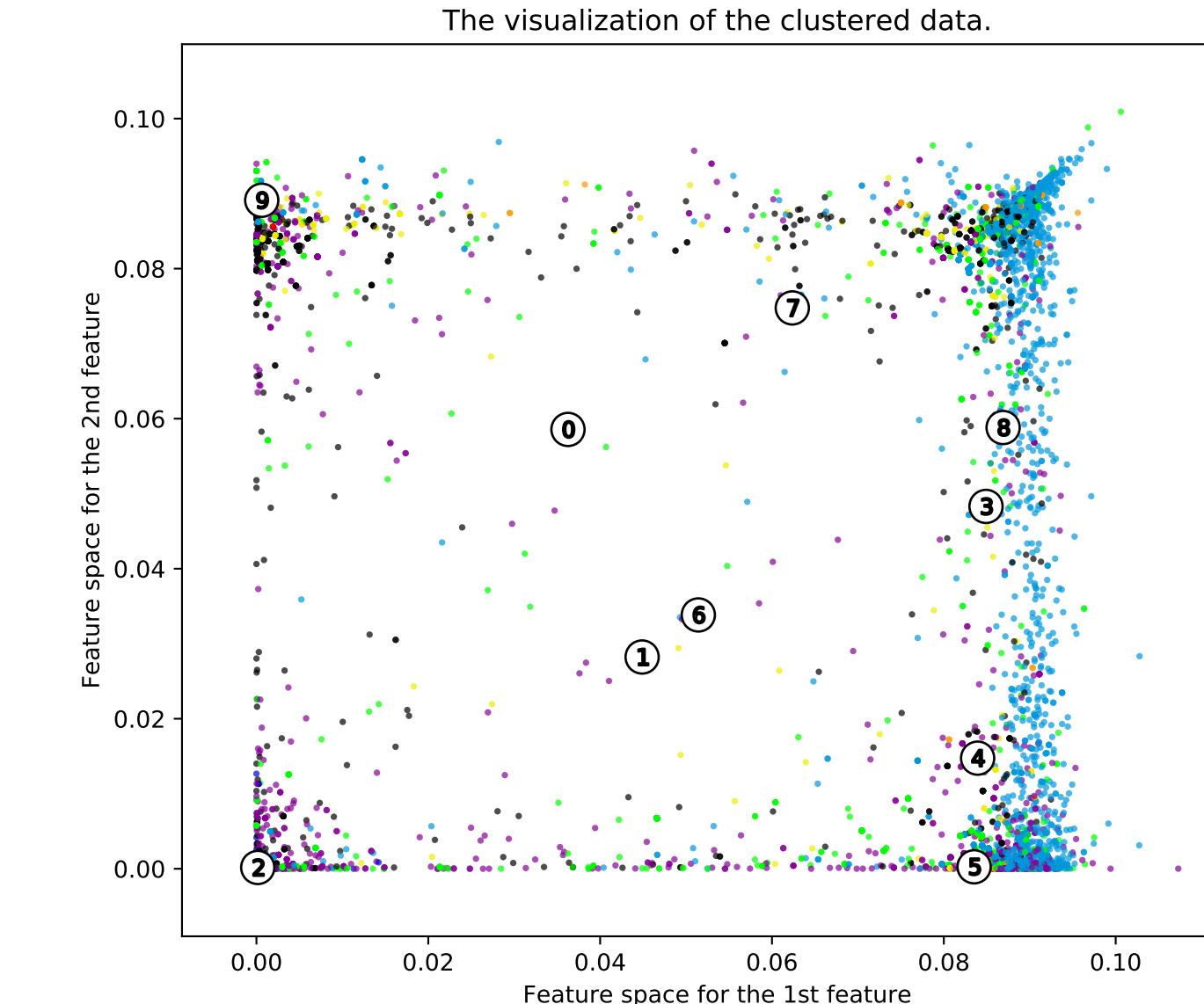
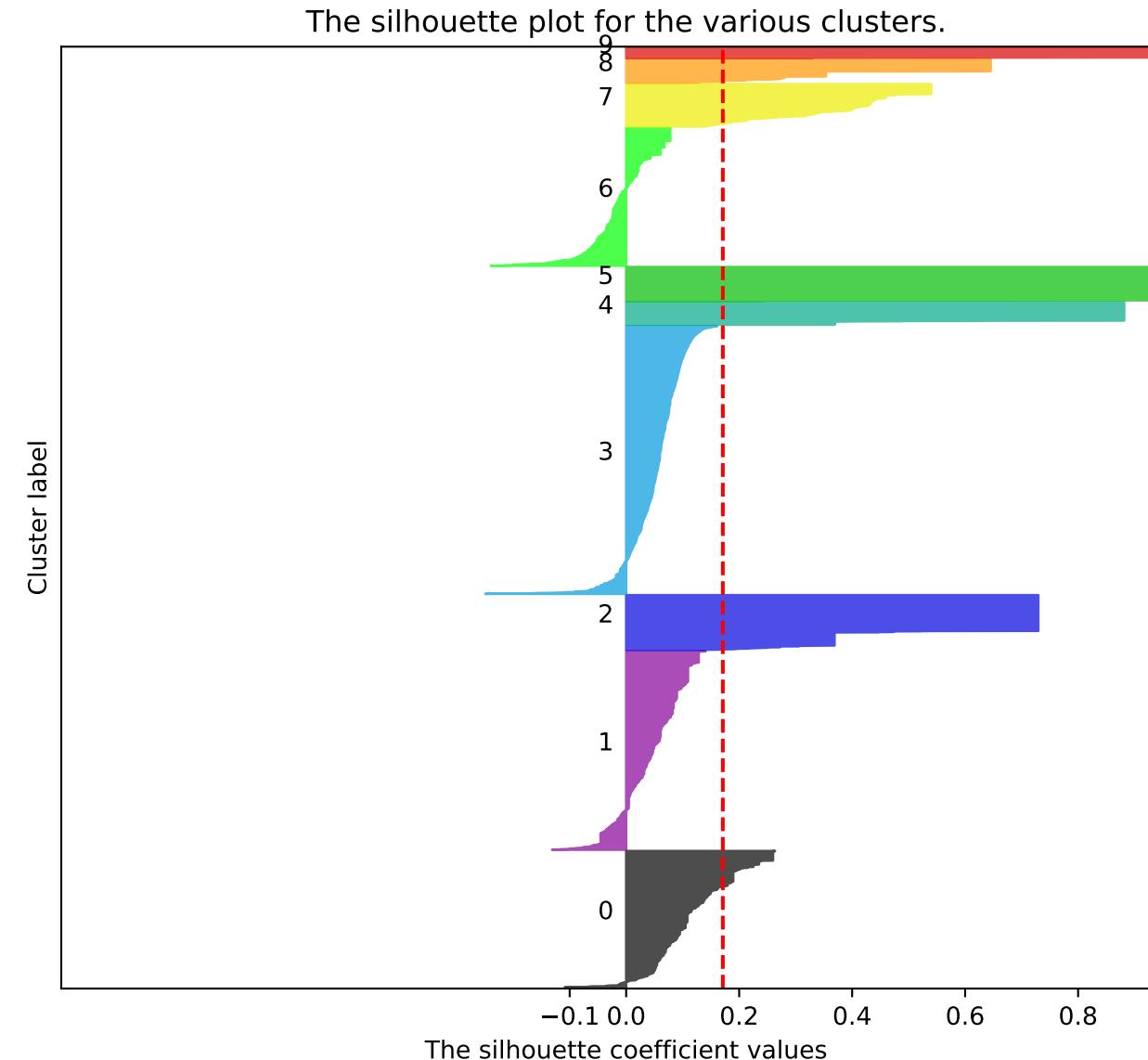
The silhouette plot for the various clusters.



The visualization of the clustered data.

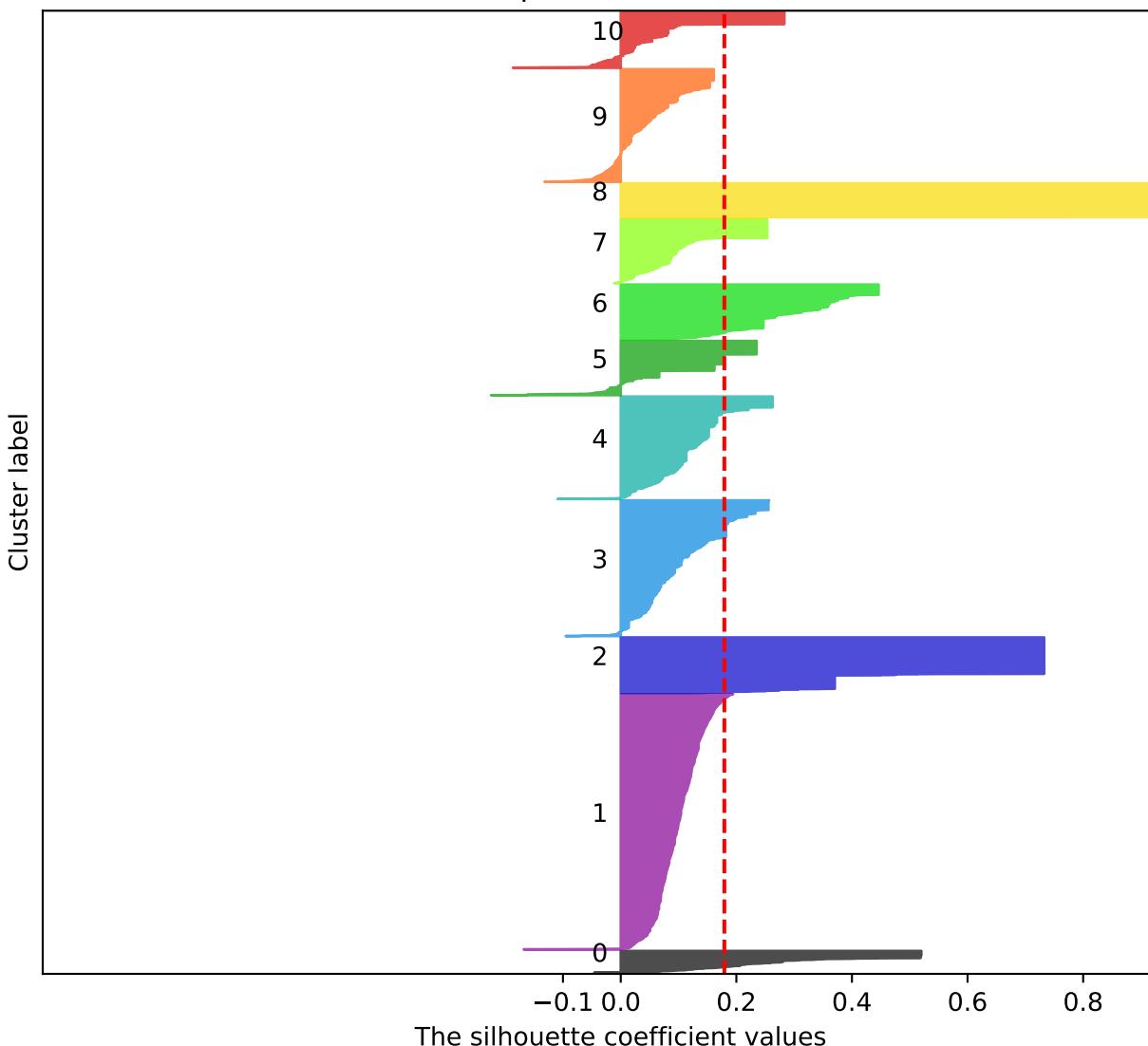


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 10 with Average Silhouette of: 0.17109763622283936

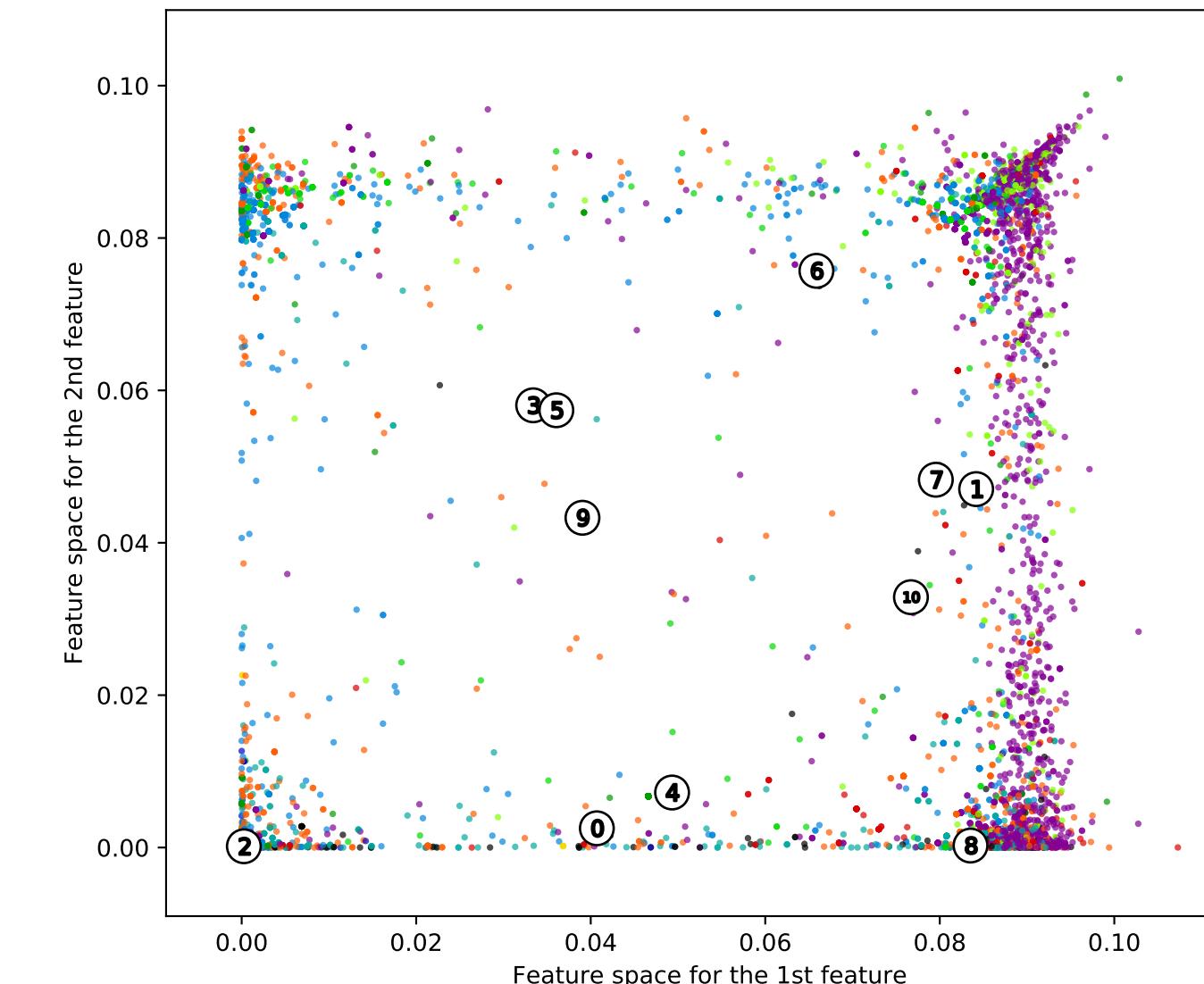


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 11 with Average Silhouette of: 0.1792893260717392

The silhouette plot for the various clusters.

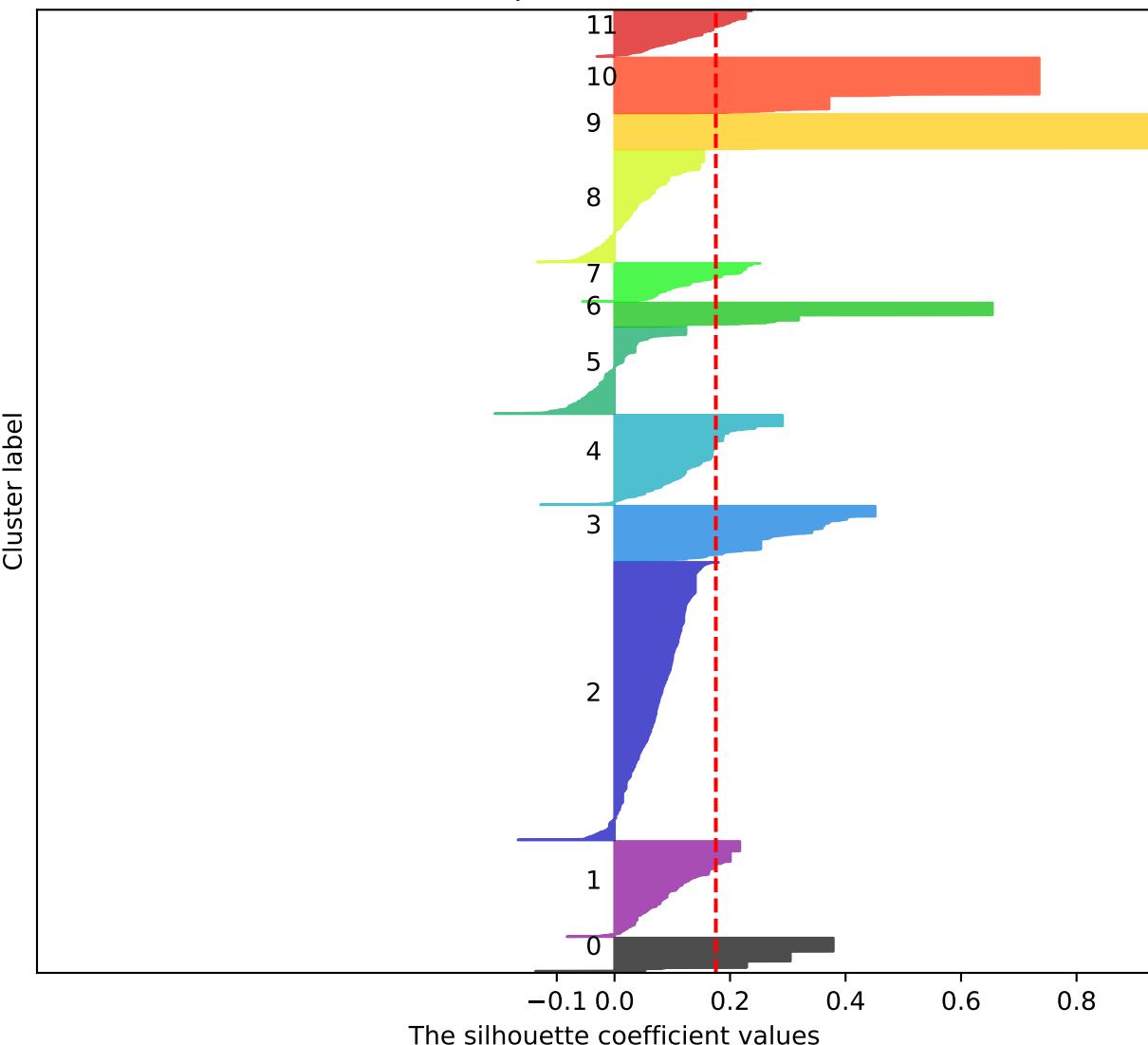


The visualization of the clustered data.

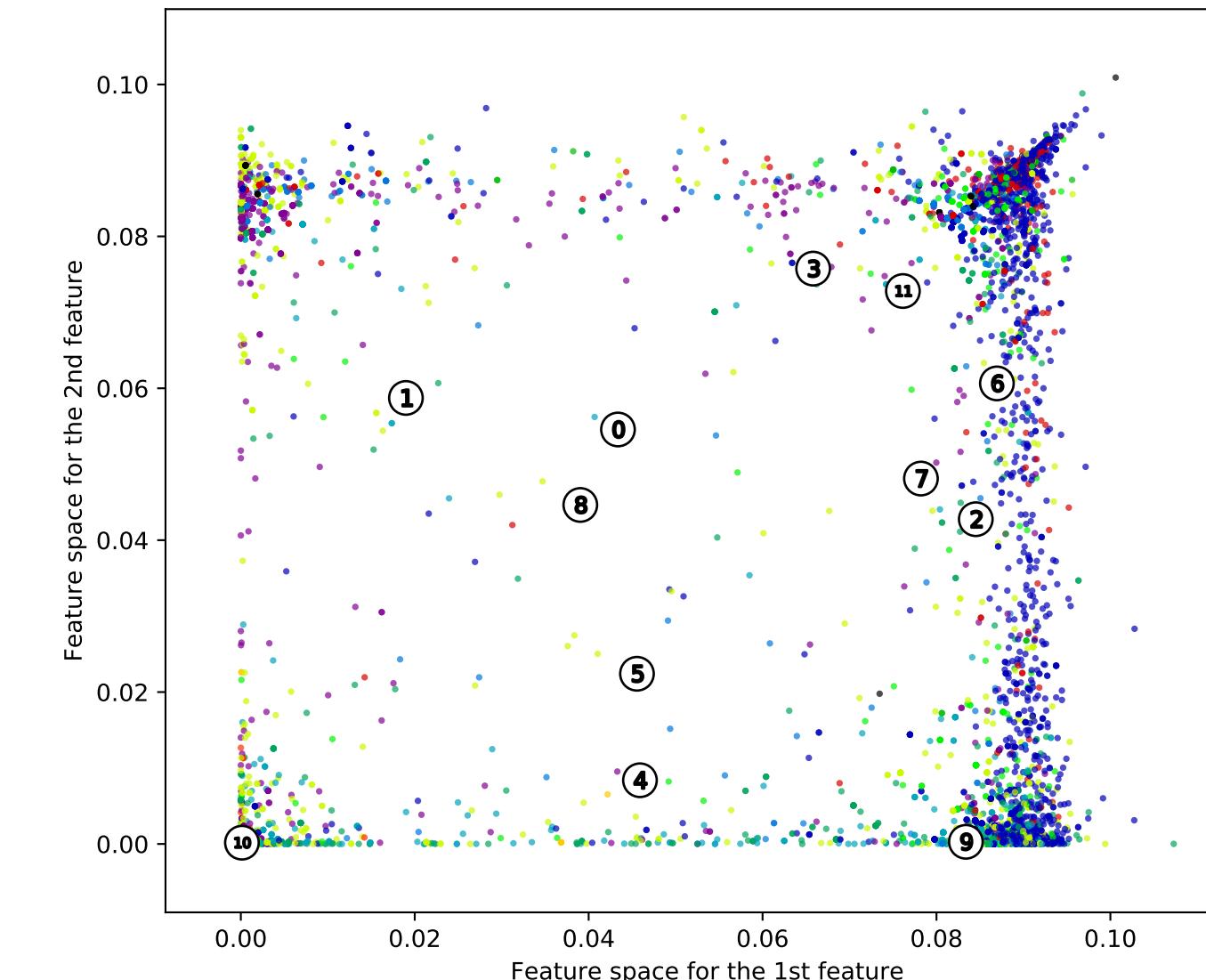


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 12 with Average Silhouette of: 0.17542541027069092

The silhouette plot for the various clusters.

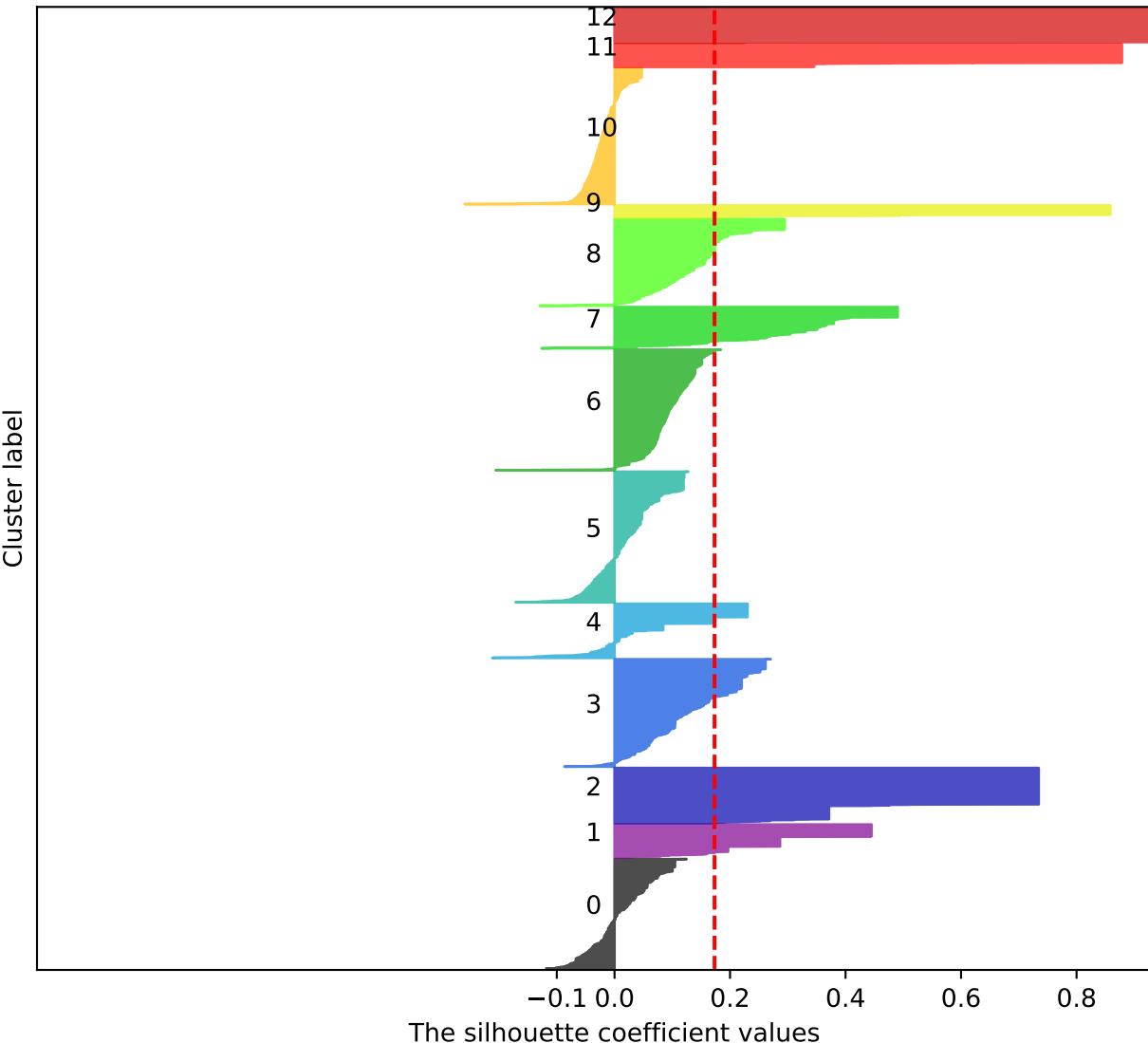


The visualization of the clustered data.

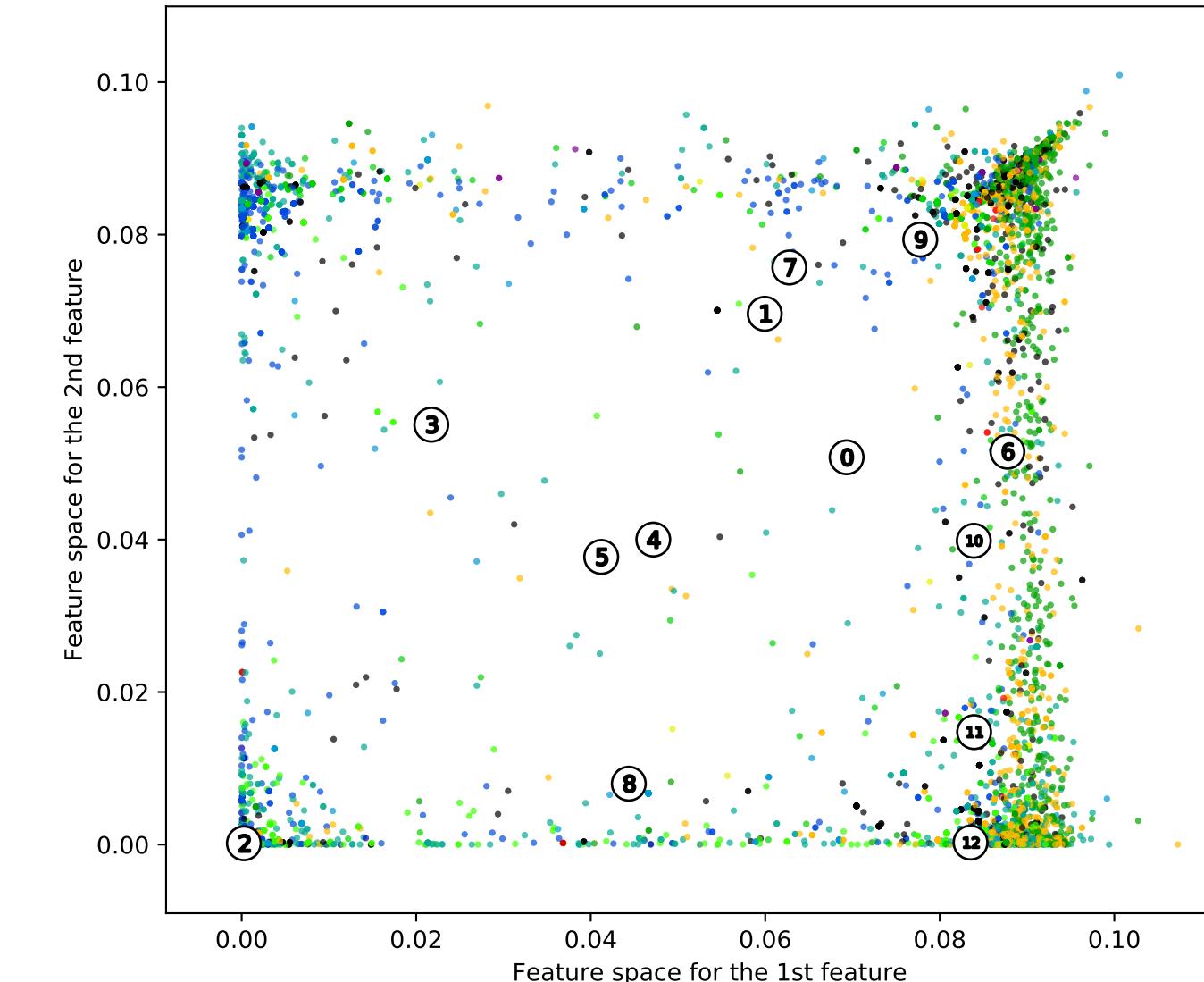


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 13 with Average Silhouette of: 0.17316512763500214

The silhouette plot for the various clusters.

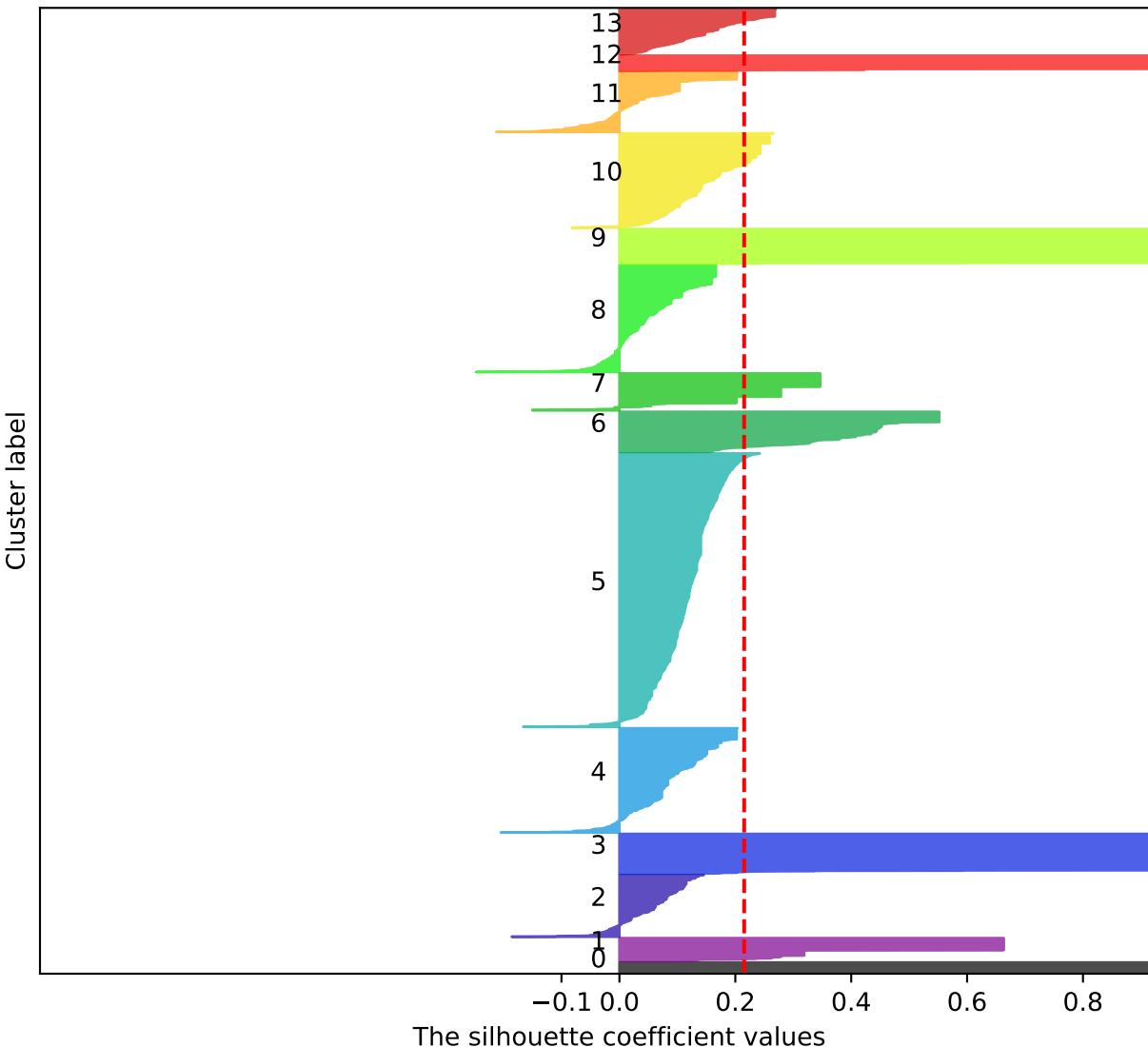


The visualization of the clustered data.

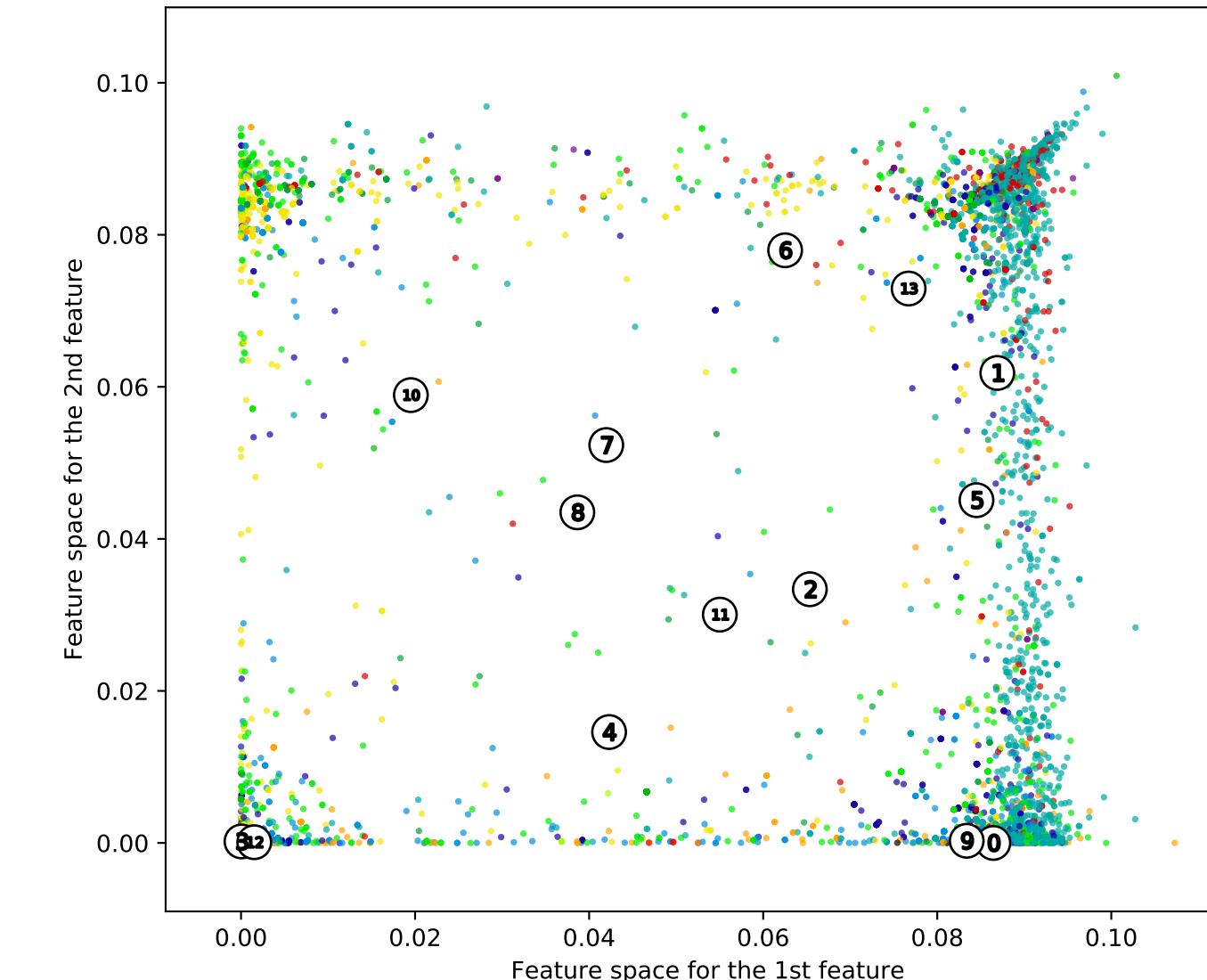


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 14 with Average Silhouette of: 0.21527482569217682

The silhouette plot for the various clusters.

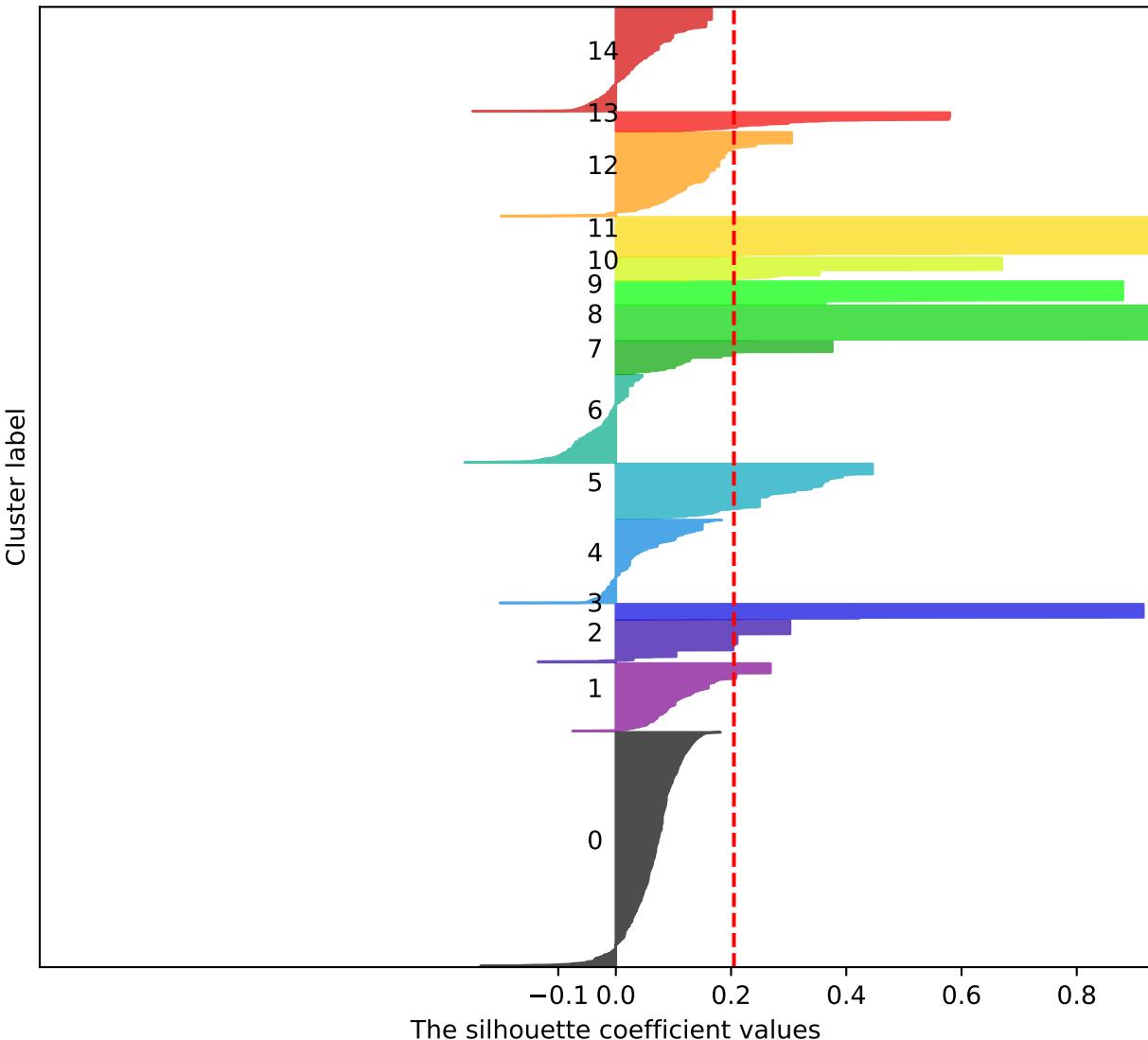


The visualization of the clustered data.

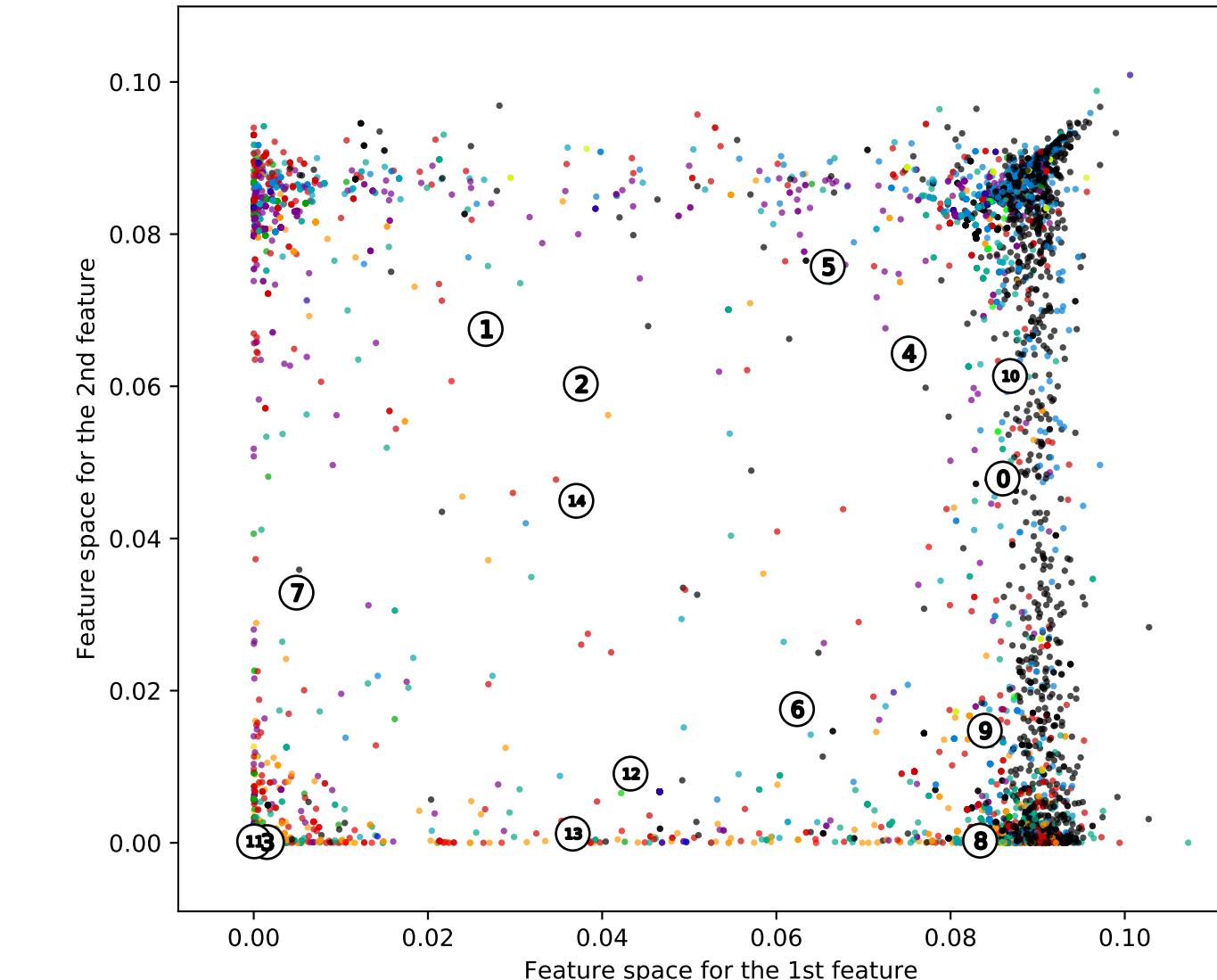


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 15 with Average Silhouette of: 0.20497606694698334

The silhouette plot for the various clusters.

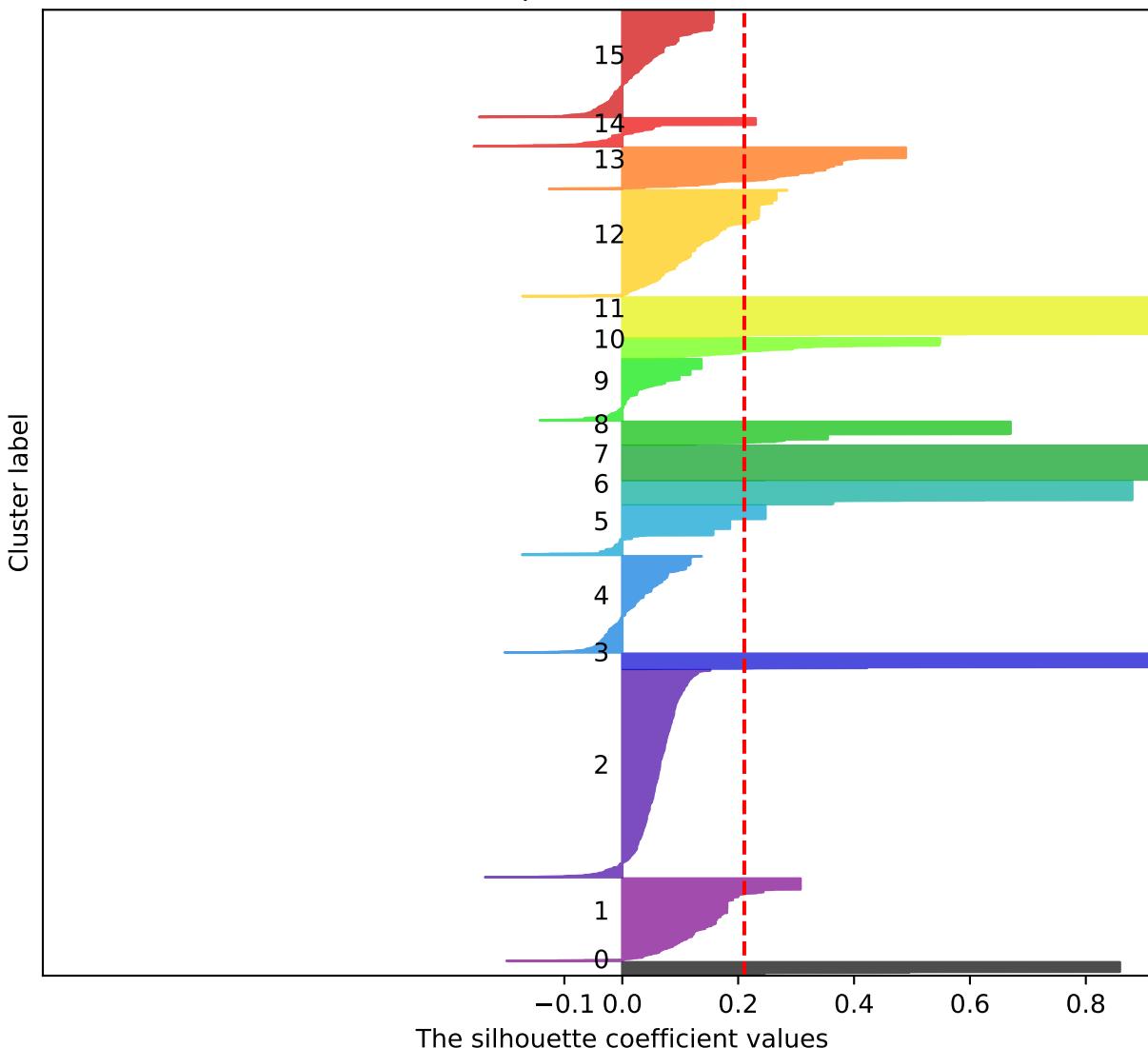


The visualization of the clustered data.

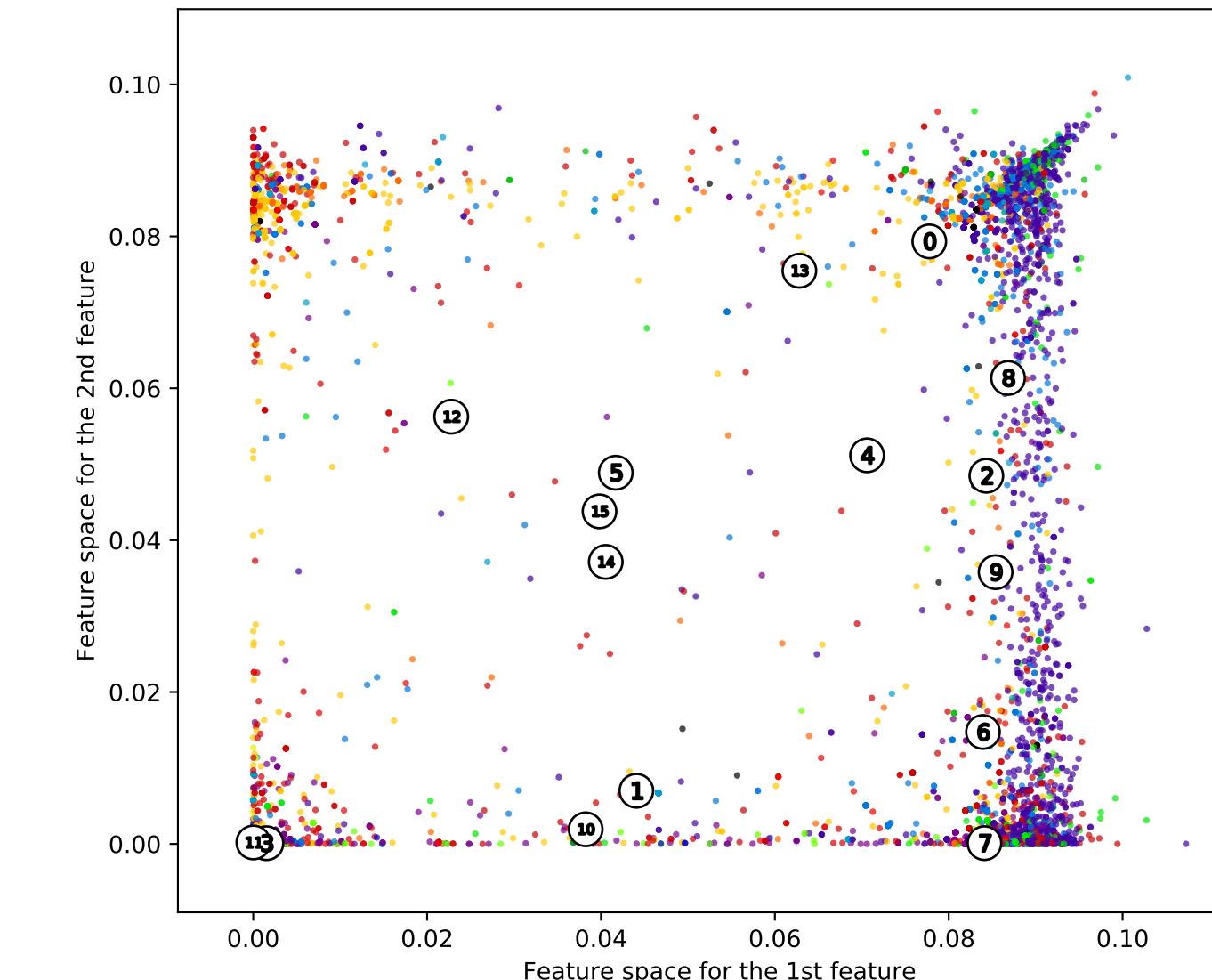


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 16 with Average Silhouette of: 0.2105867862701416

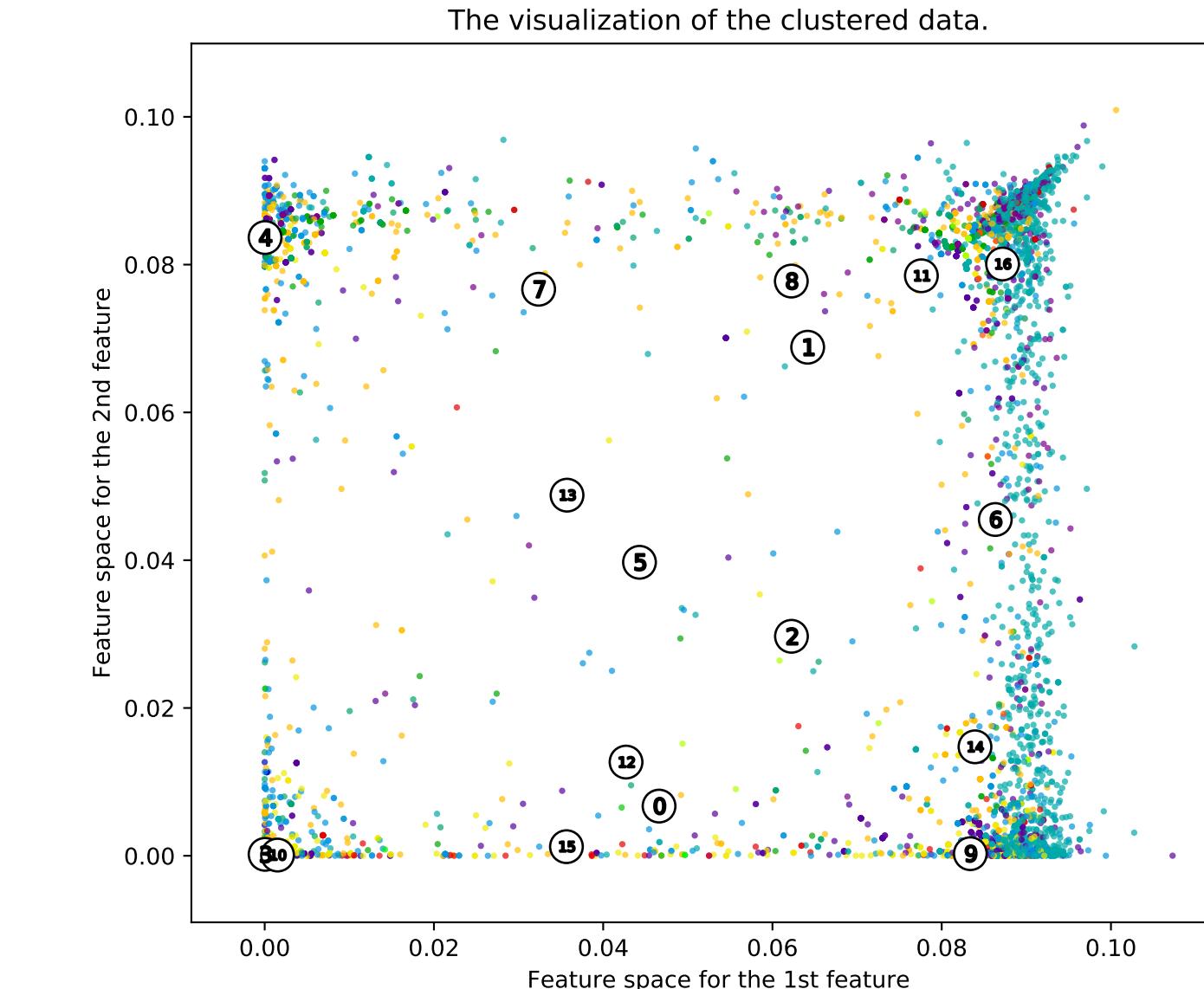
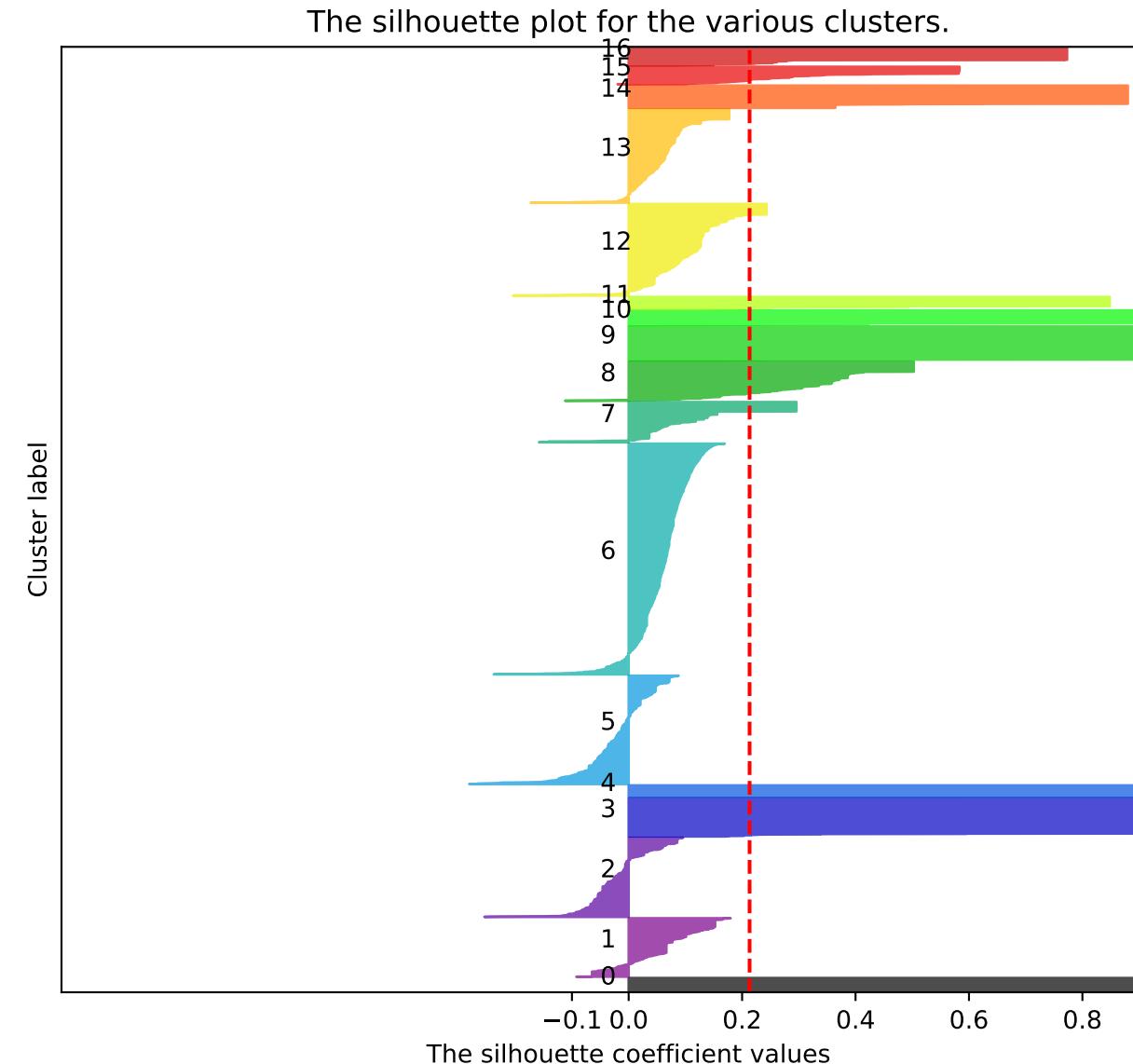
The silhouette plot for the various clusters.



The visualization of the clustered data.

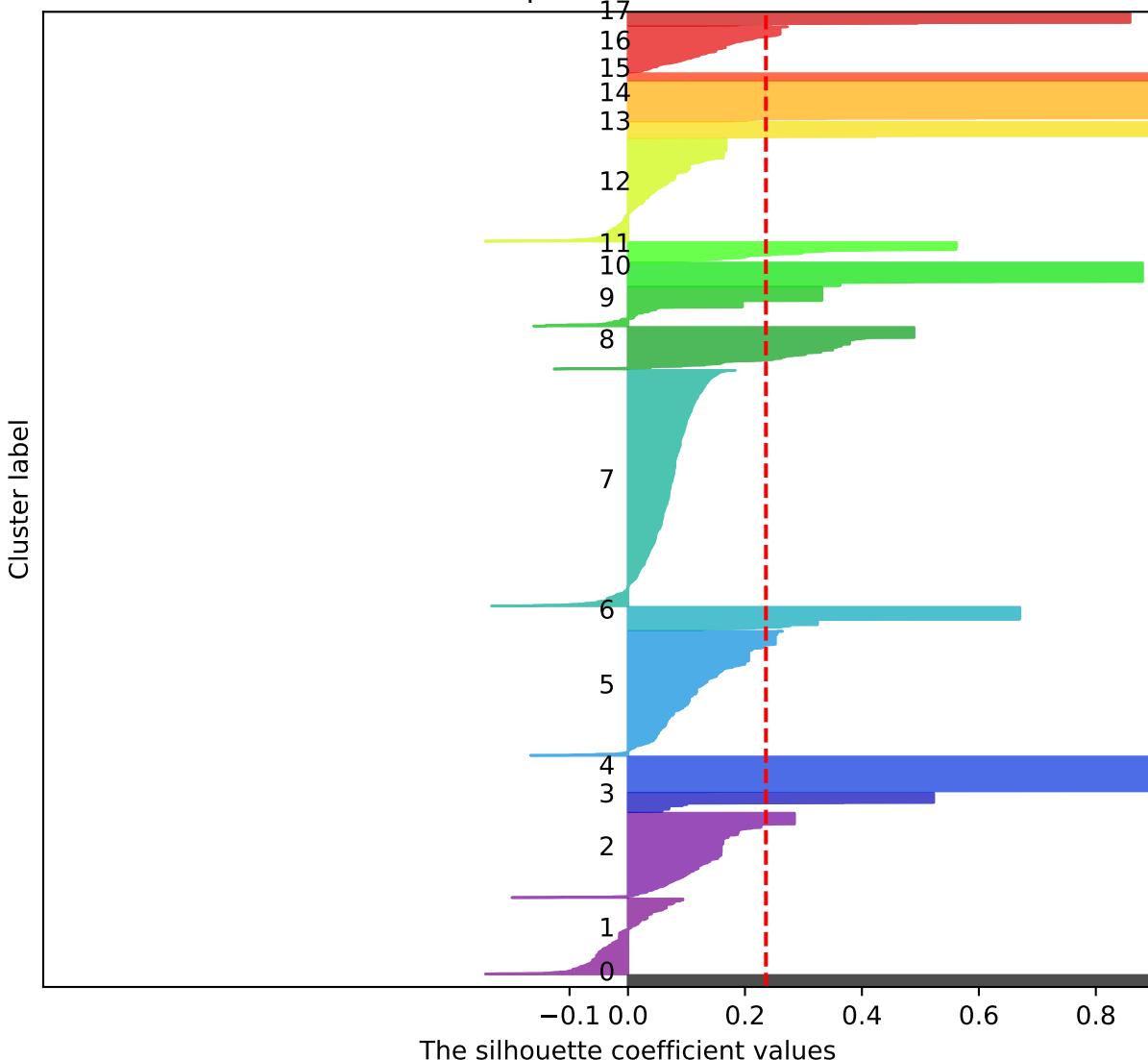


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 17 with Average Silhouette of: 0.21322152018547058

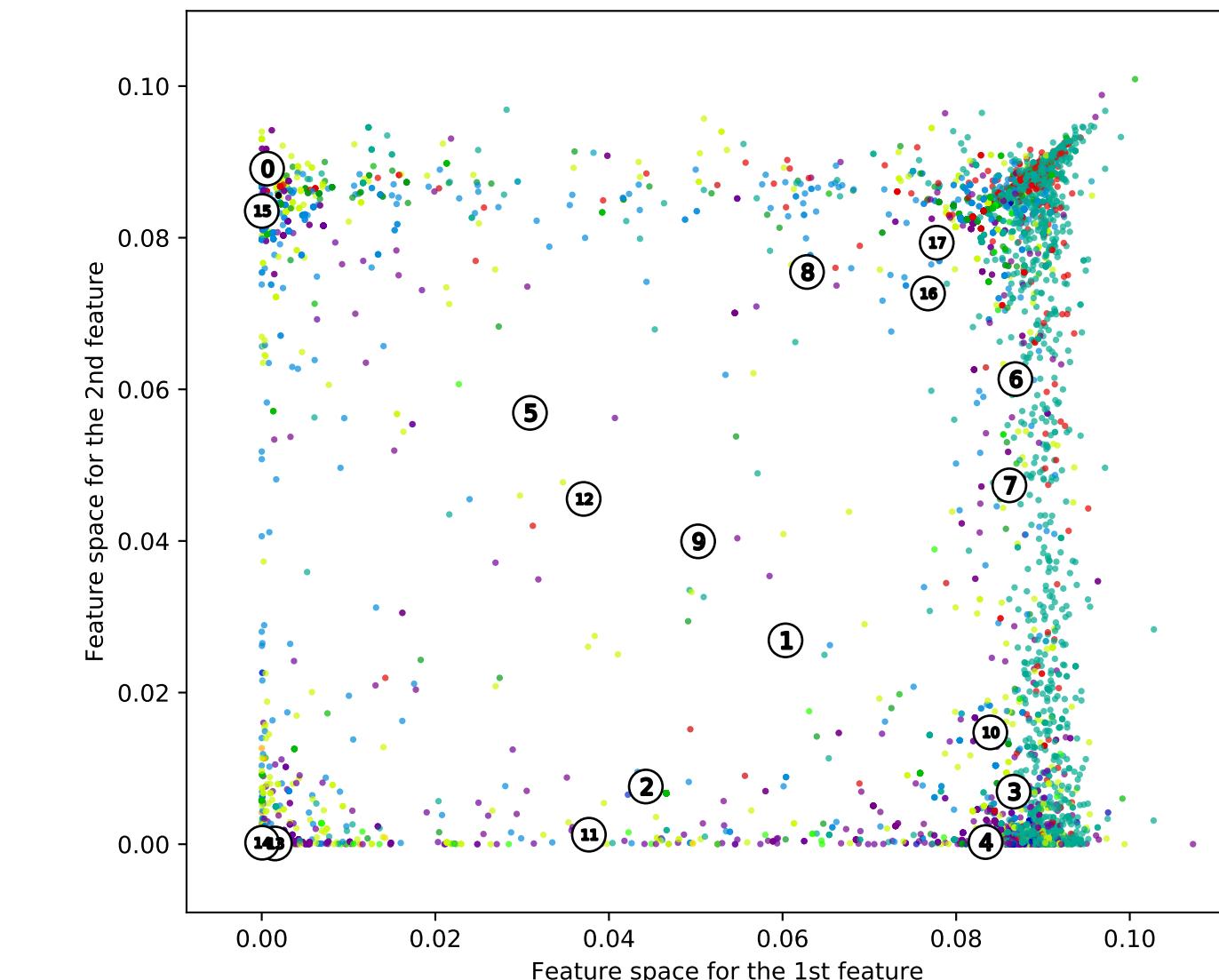


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 18 with Average Silhouette of: 0.2358333170413971

The silhouette plot for the various clusters.

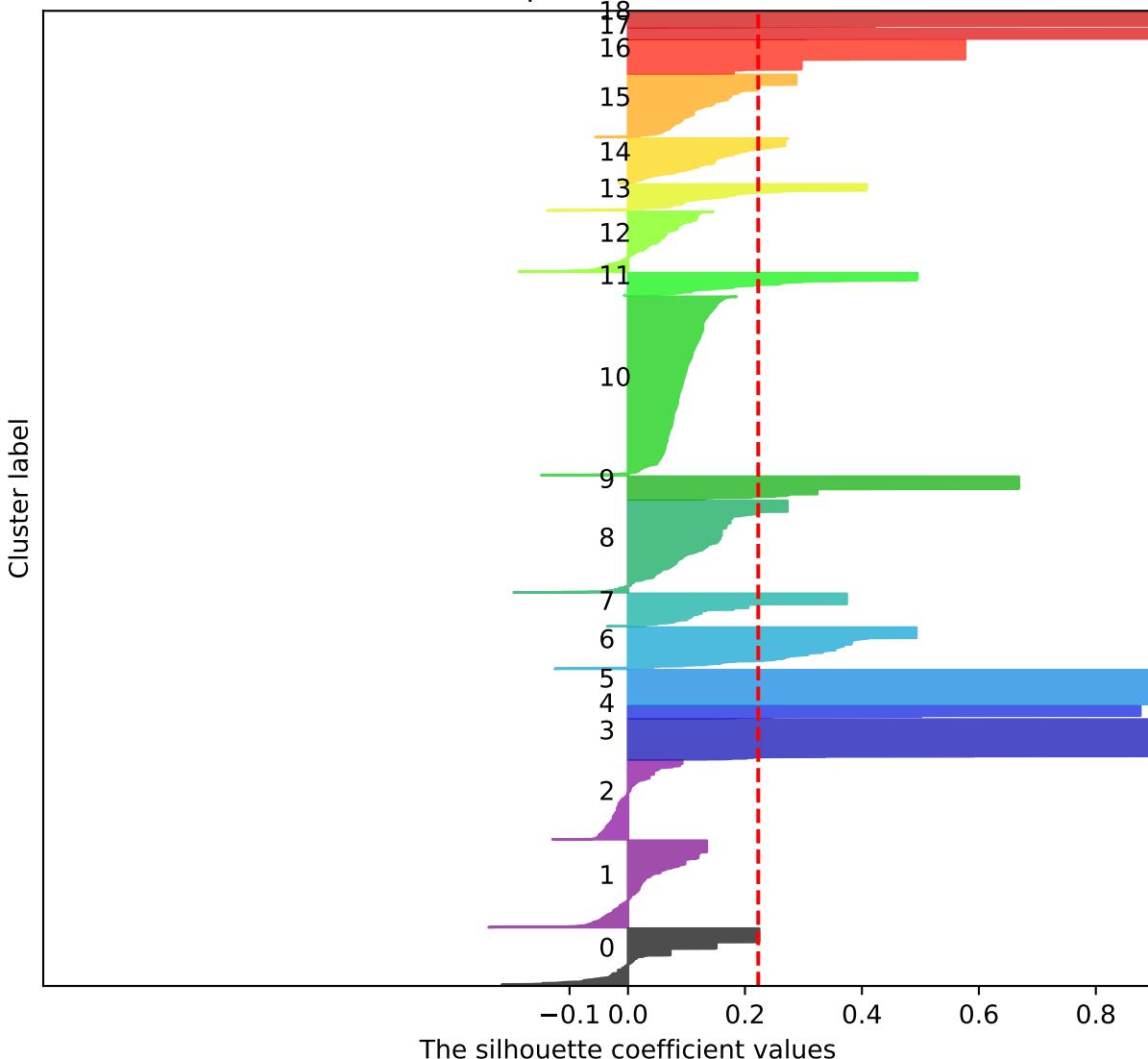


The visualization of the clustered data.

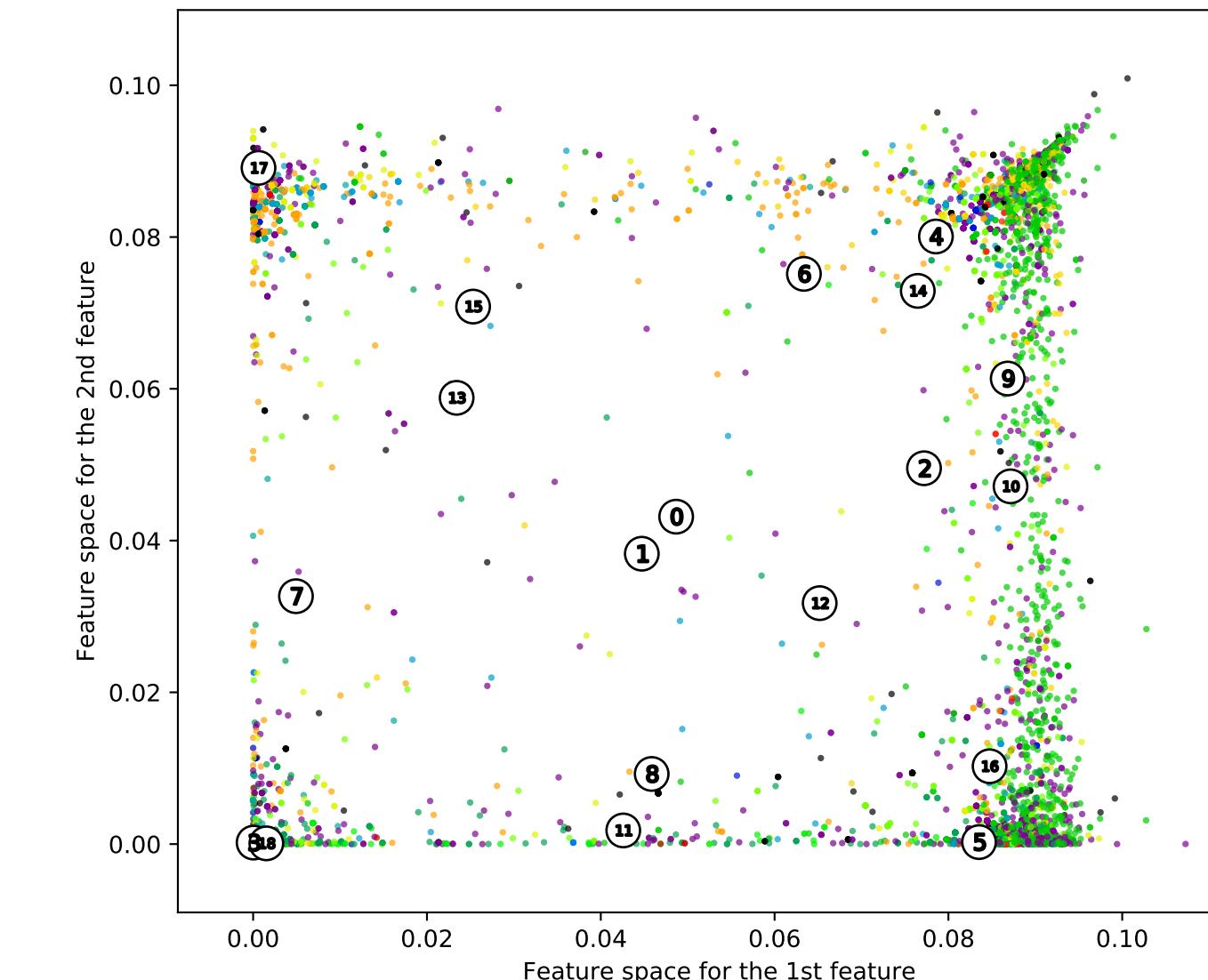


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 19 with Average Silhouette of: 0.2226915955543518

The silhouette plot for the various clusters.

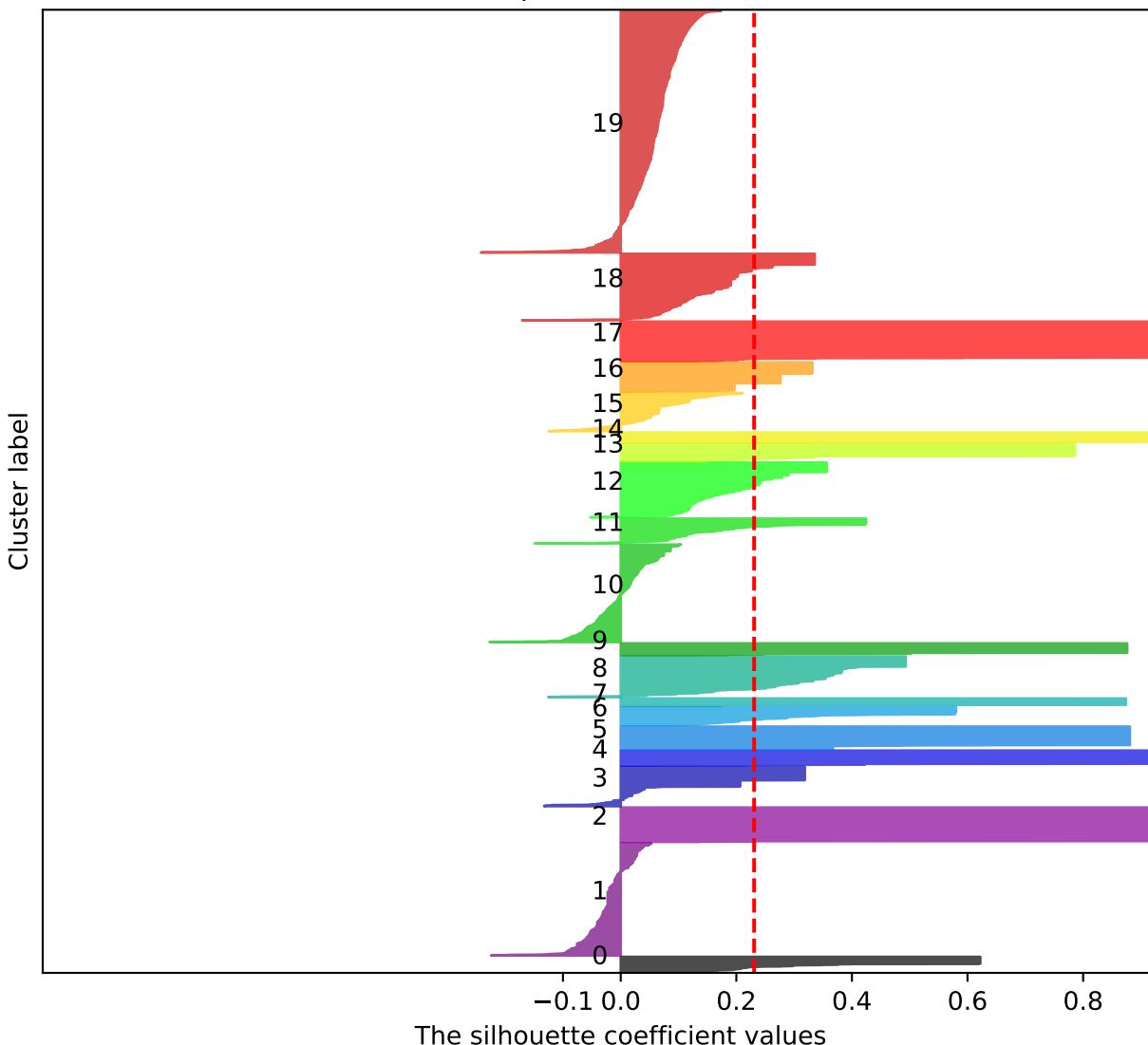


The visualization of the clustered data.

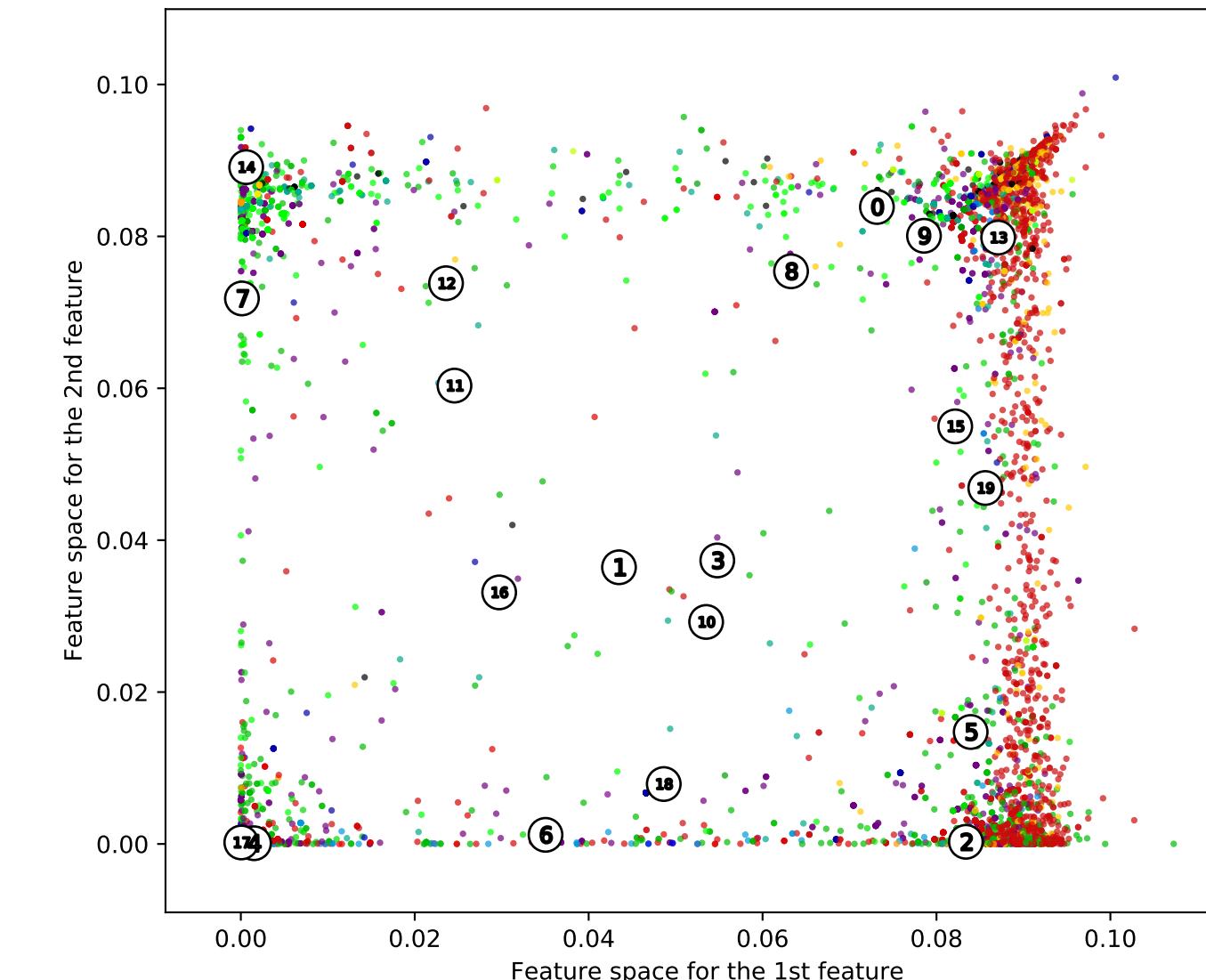


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 20 with Average Silhouette of: 0.2307707965373993

The silhouette plot for the various clusters.

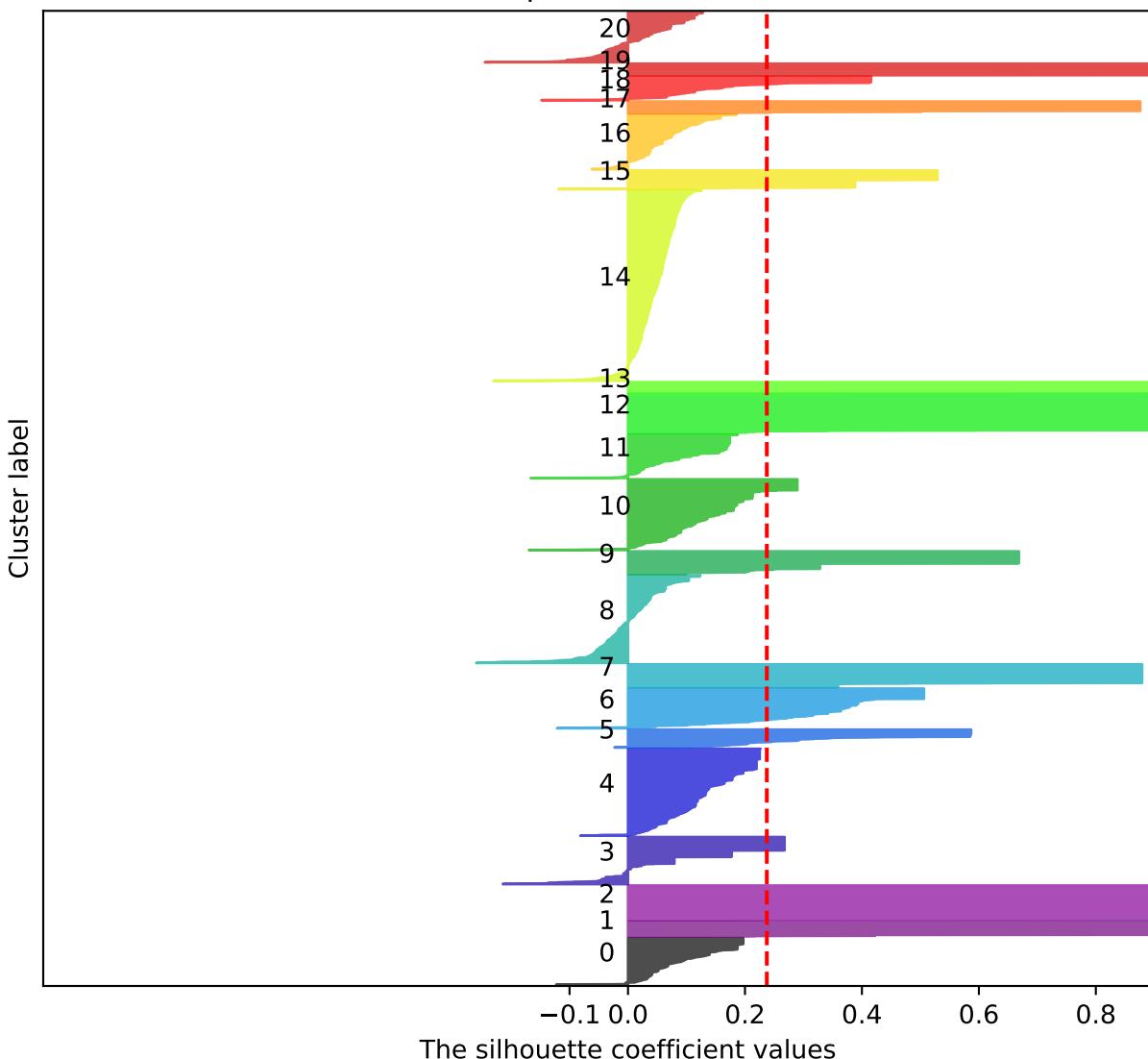


The visualization of the clustered data.

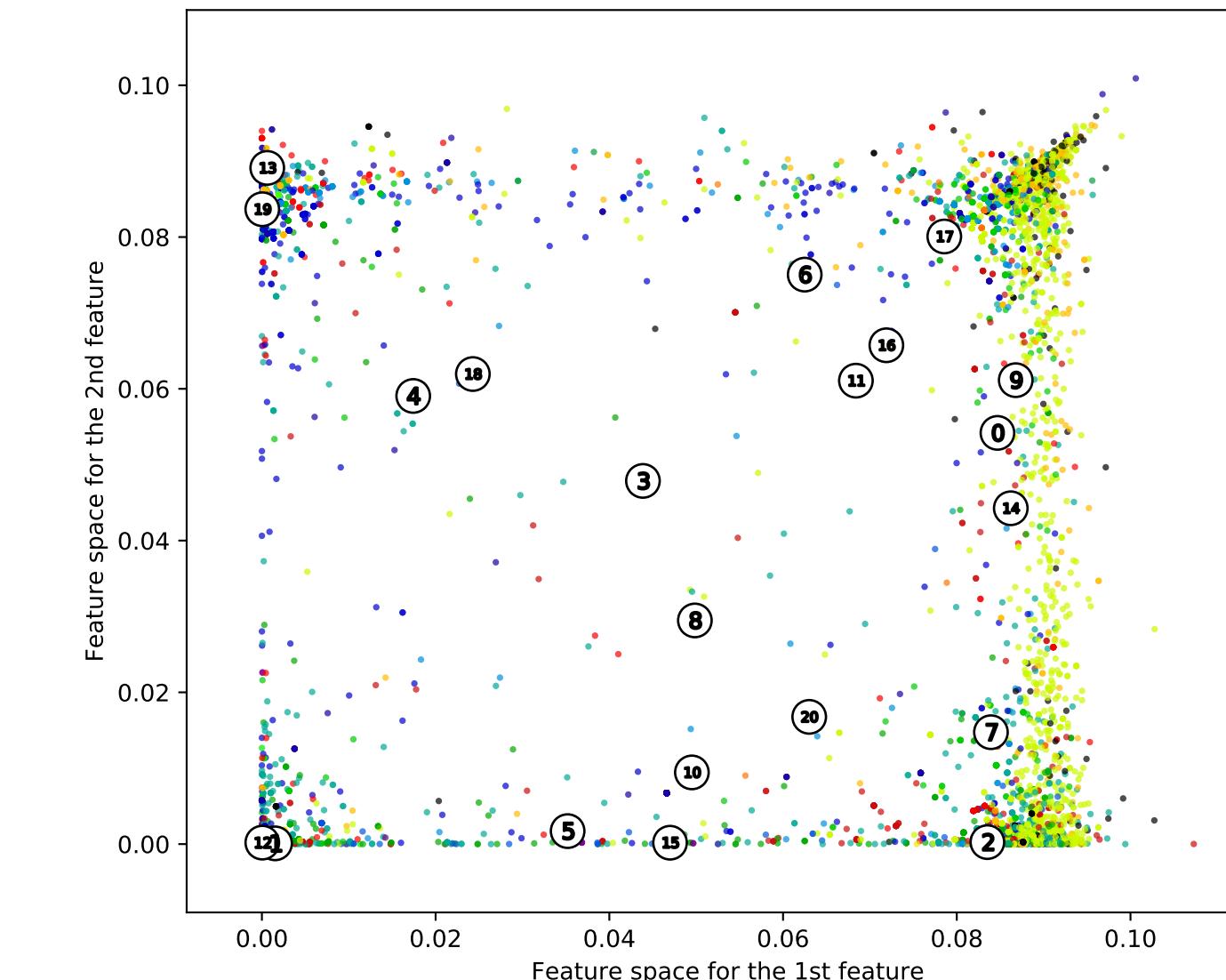


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 21 with Average Silhouette of: 0.23738440871238708

The silhouette plot for the various clusters.

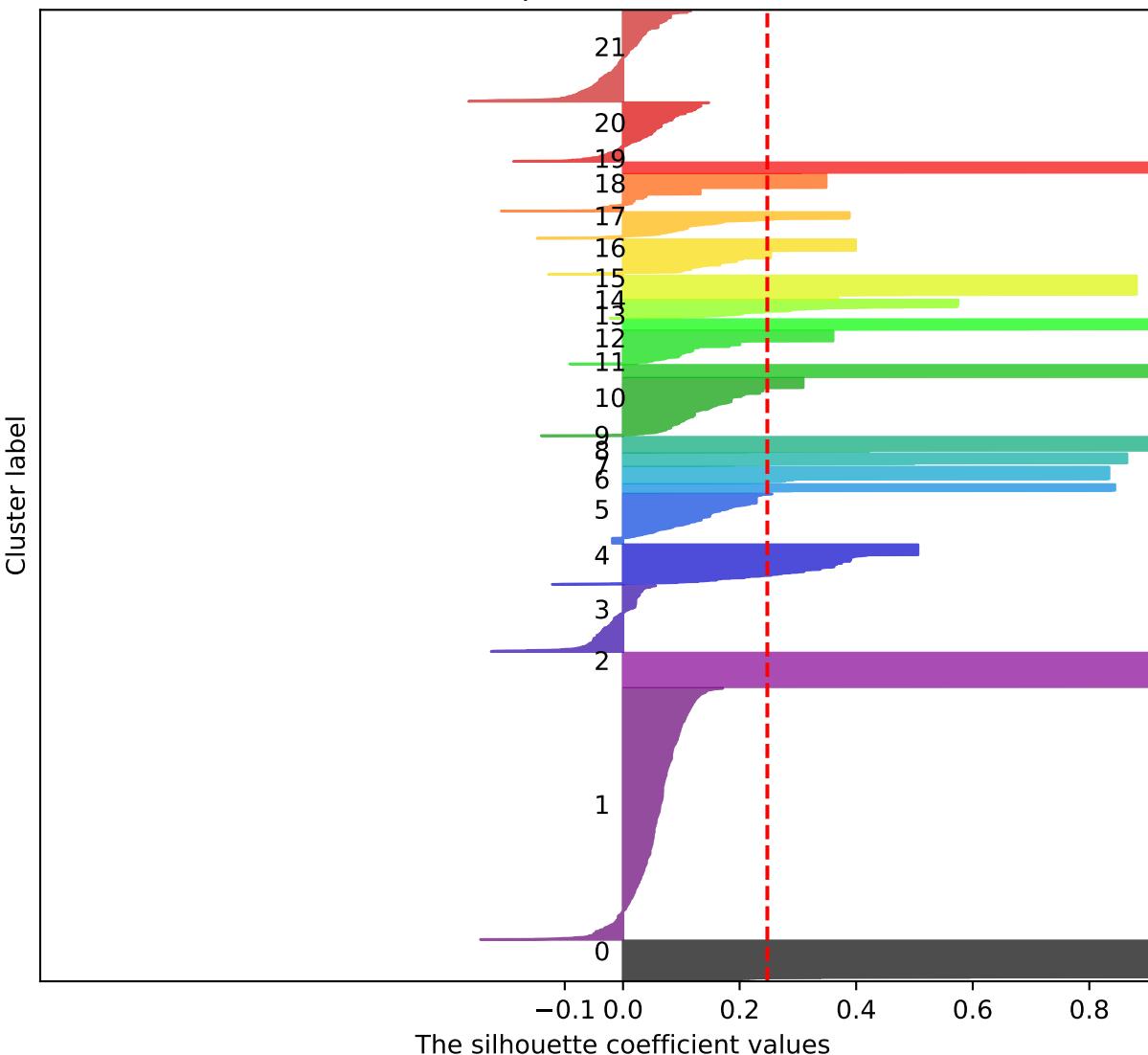


The visualization of the clustered data.

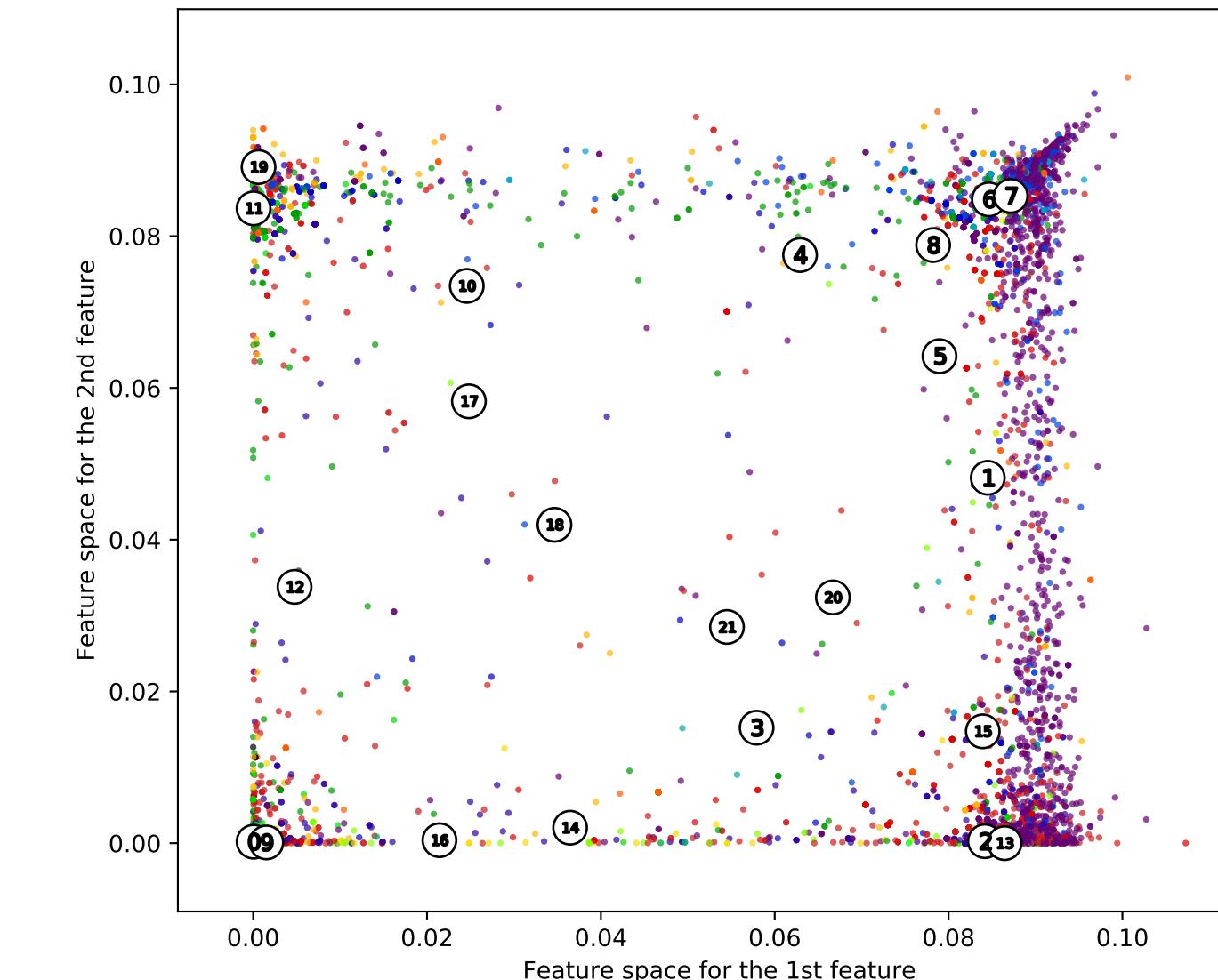


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 22 with Average Silhouette of: 0.24755142629146576

The silhouette plot for the various clusters.

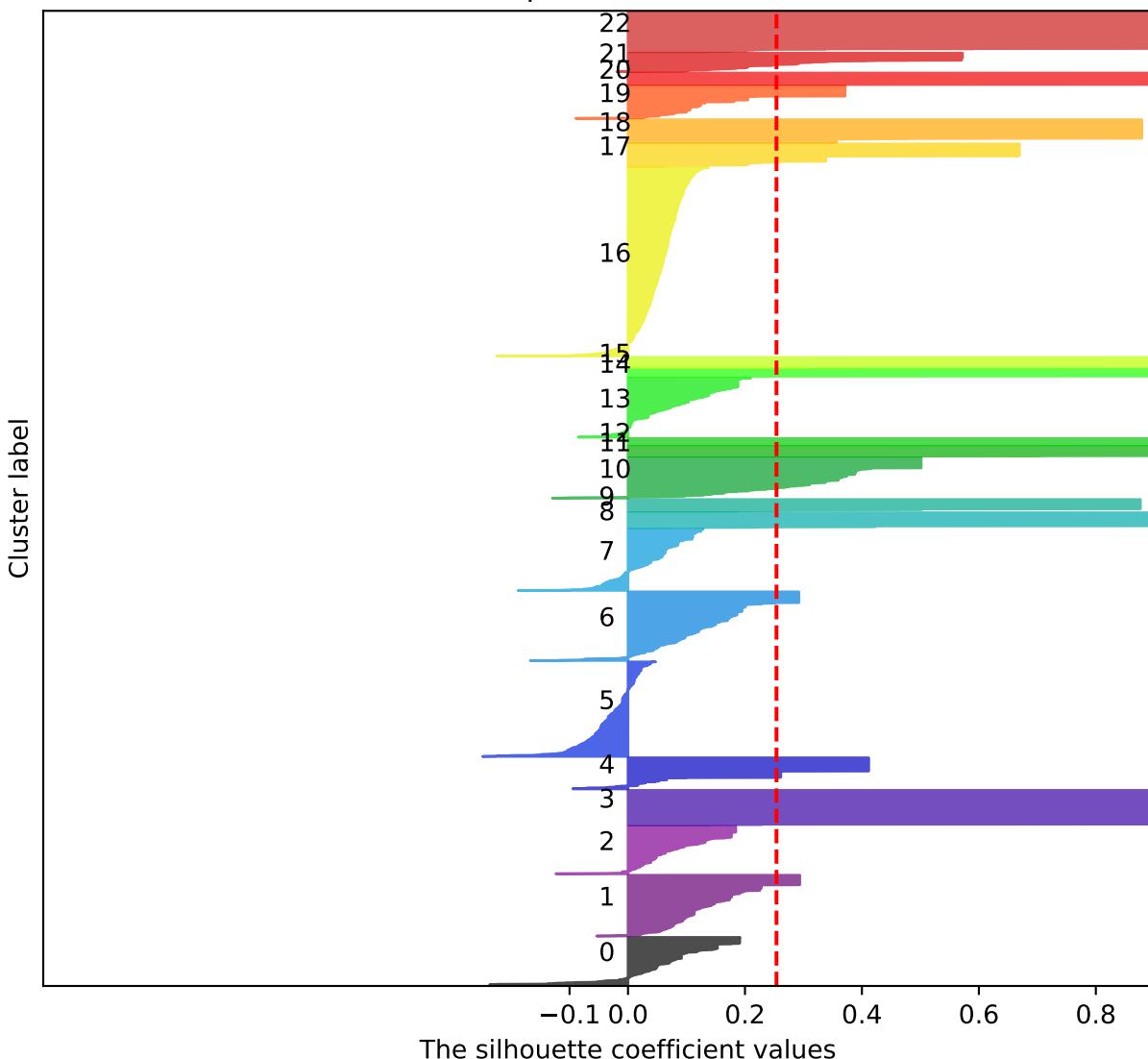


The visualization of the clustered data.

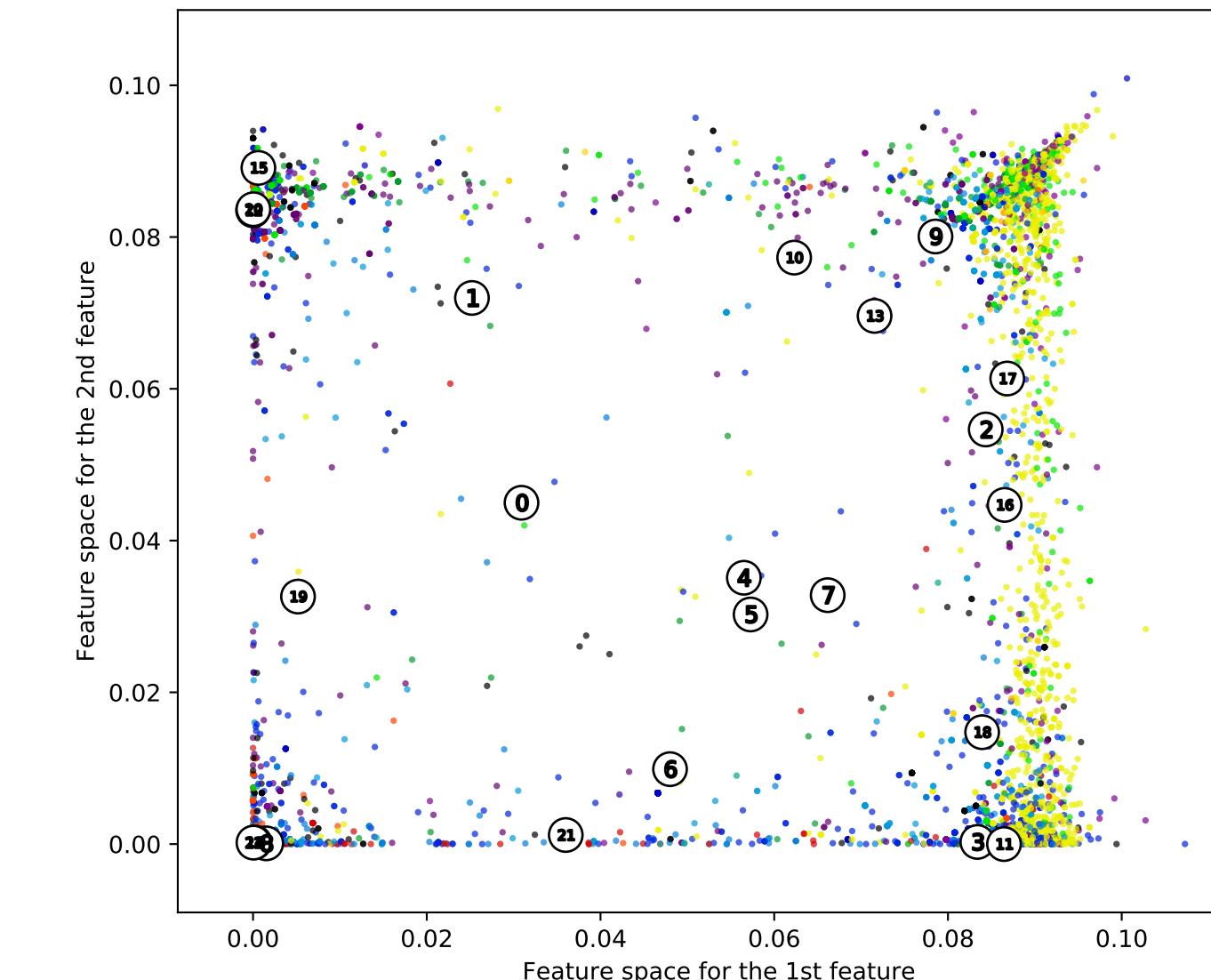


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 23 with Average Silhouette of: 0.2539113759994507

The silhouette plot for the various clusters.

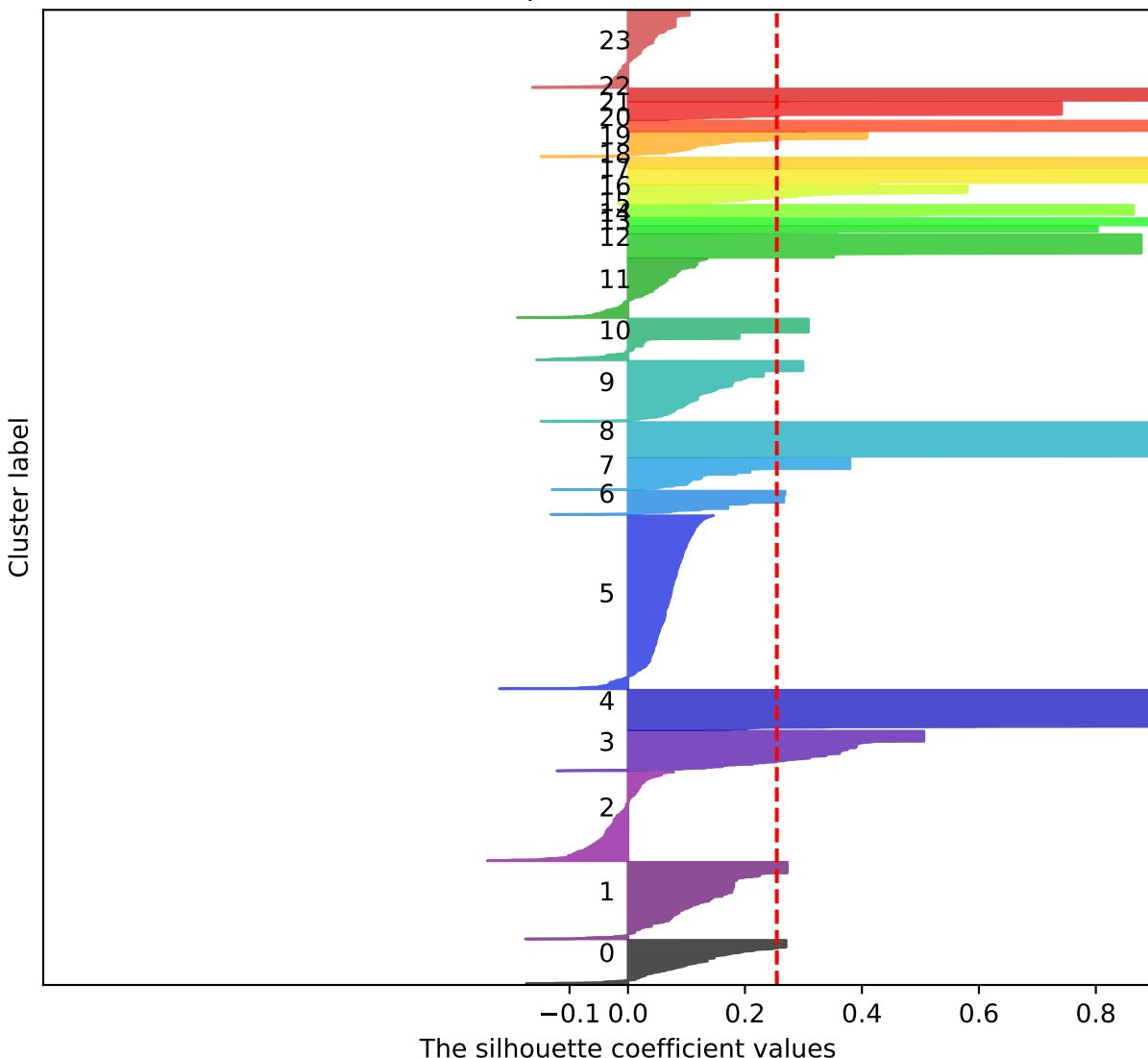


The visualization of the clustered data.

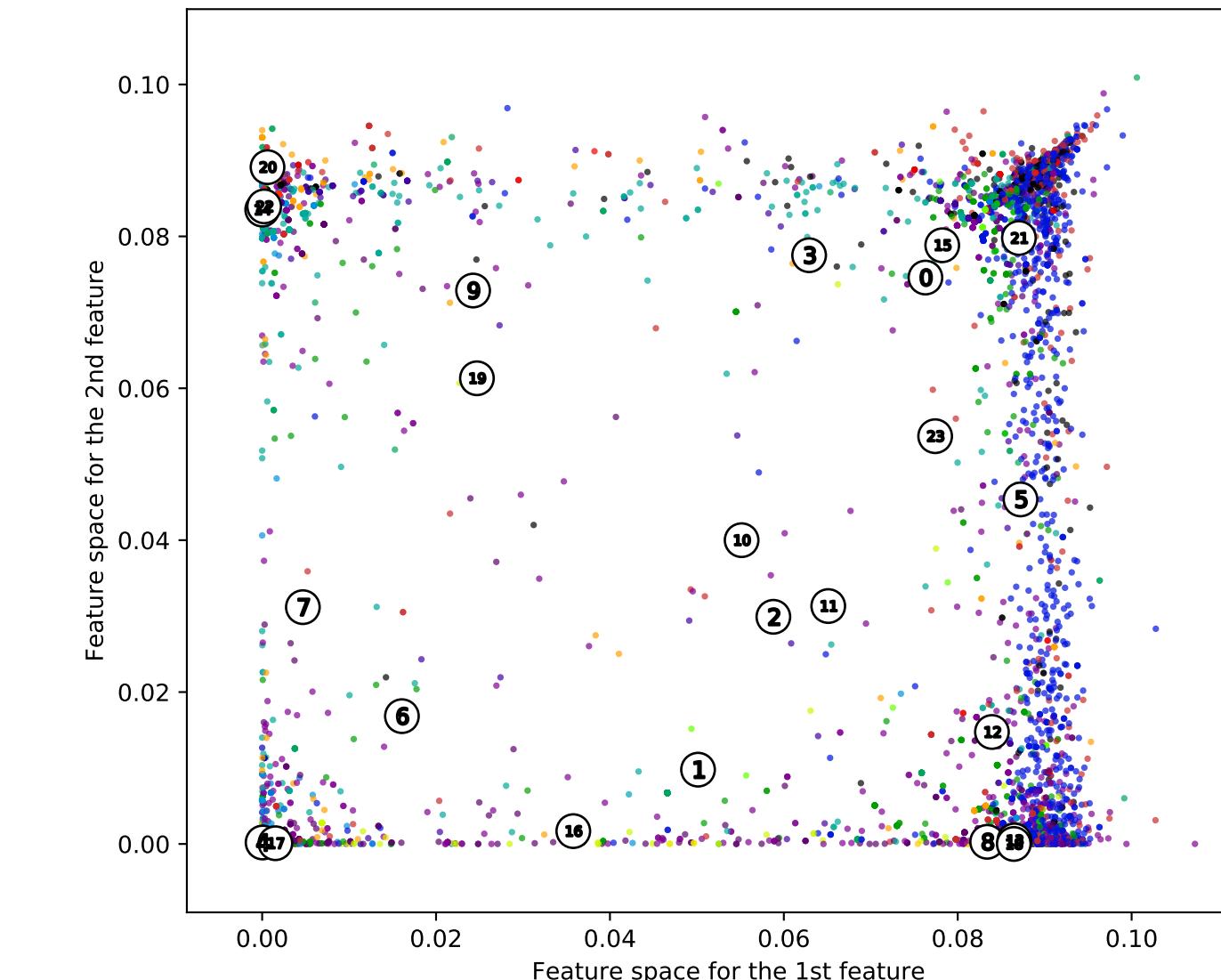


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 24 with Average Silhouette of: 0.2545265257358551

The silhouette plot for the various clusters.

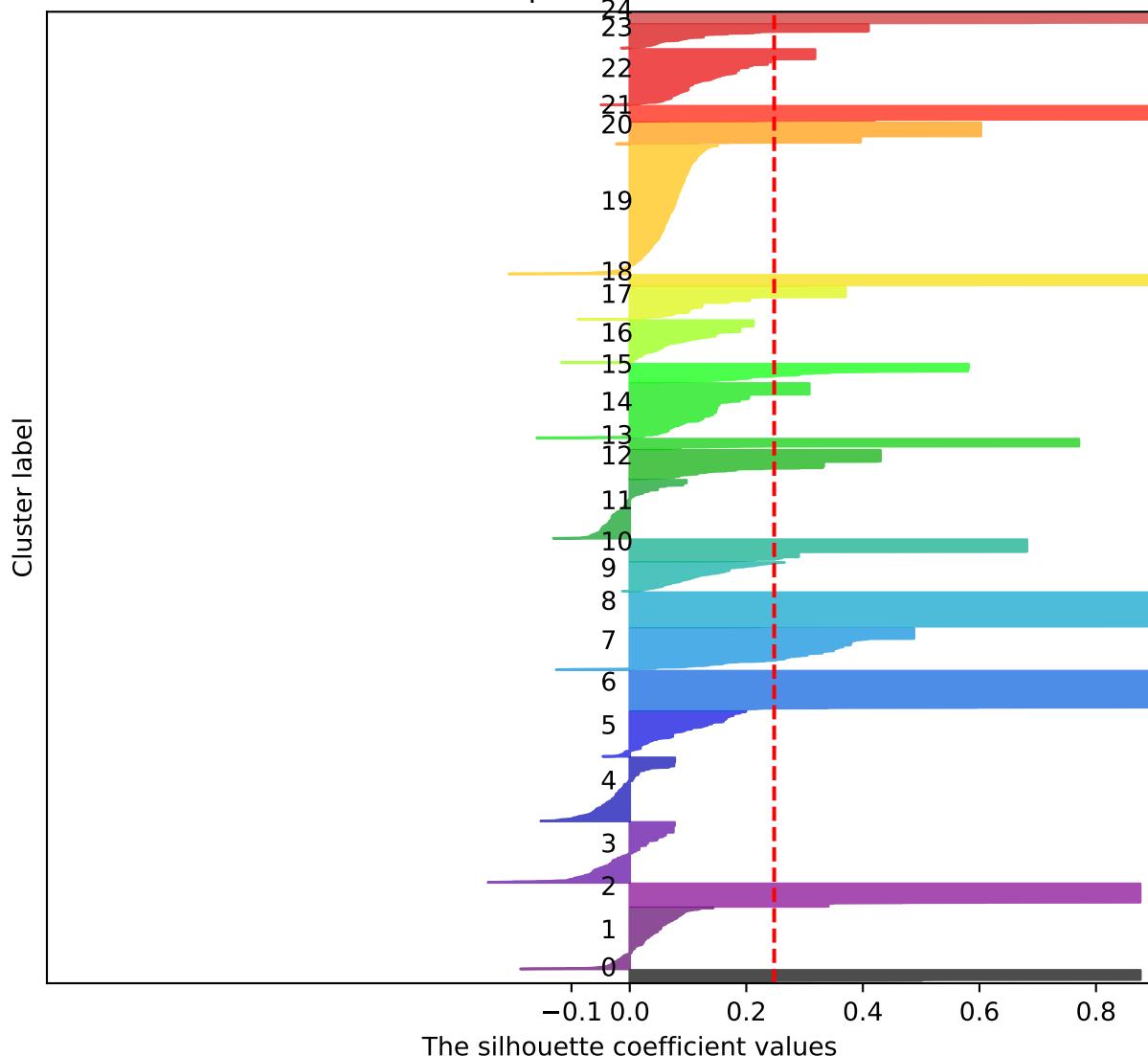


The visualization of the clustered data.

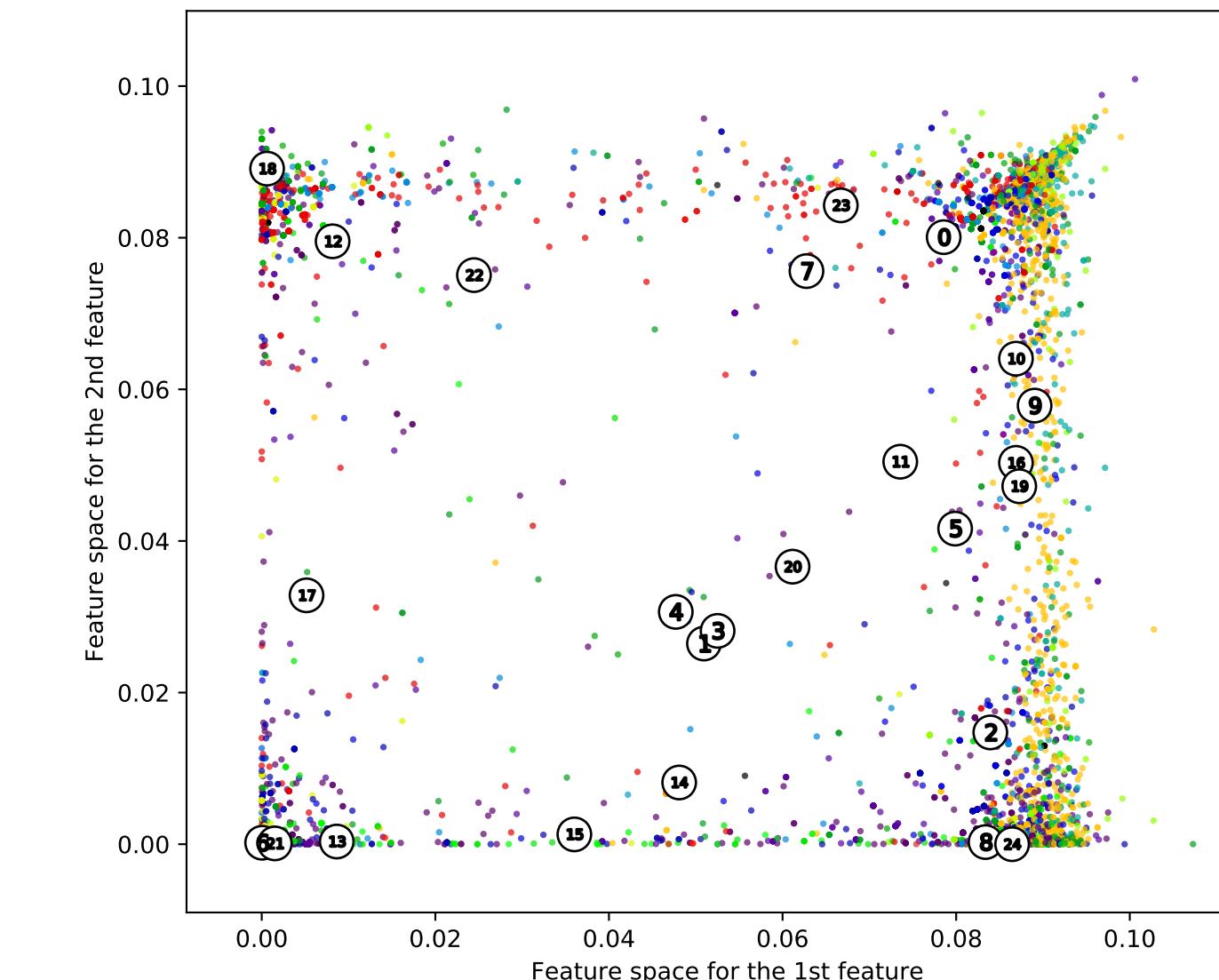


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 25 with Average Silhouette of: 0.24783340096473694

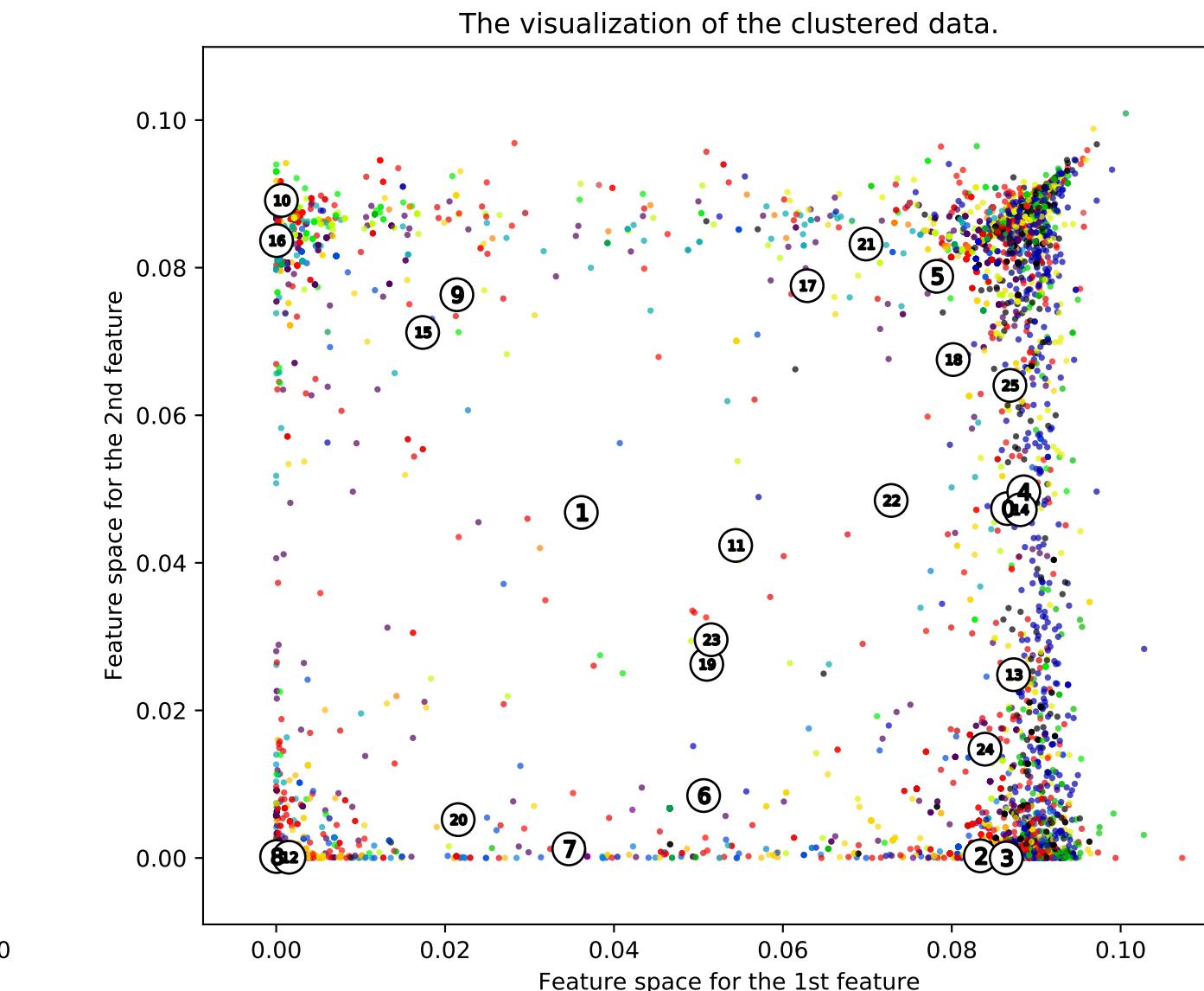
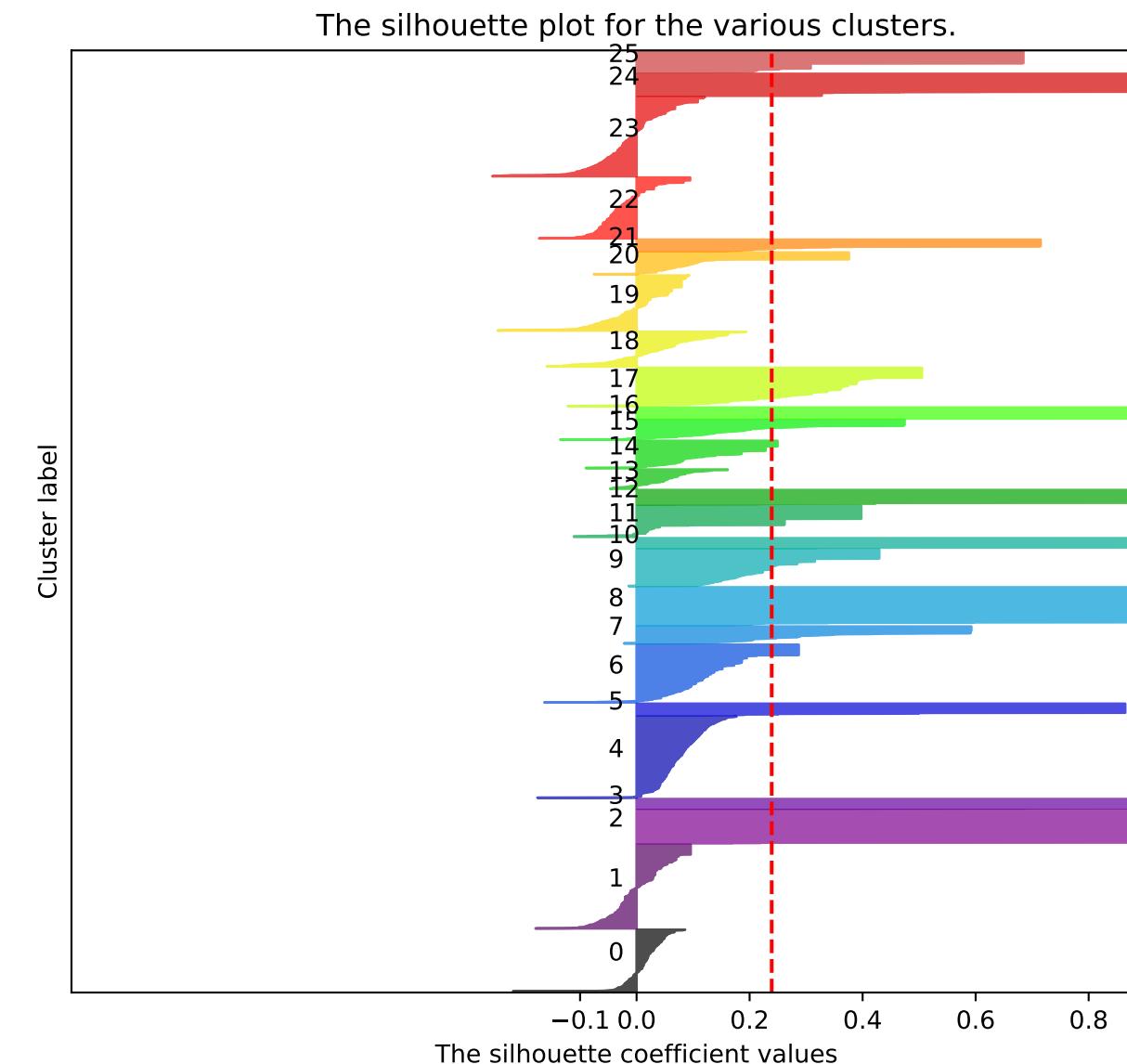
The silhouette plot for the various clusters.



The visualization of the clustered data.

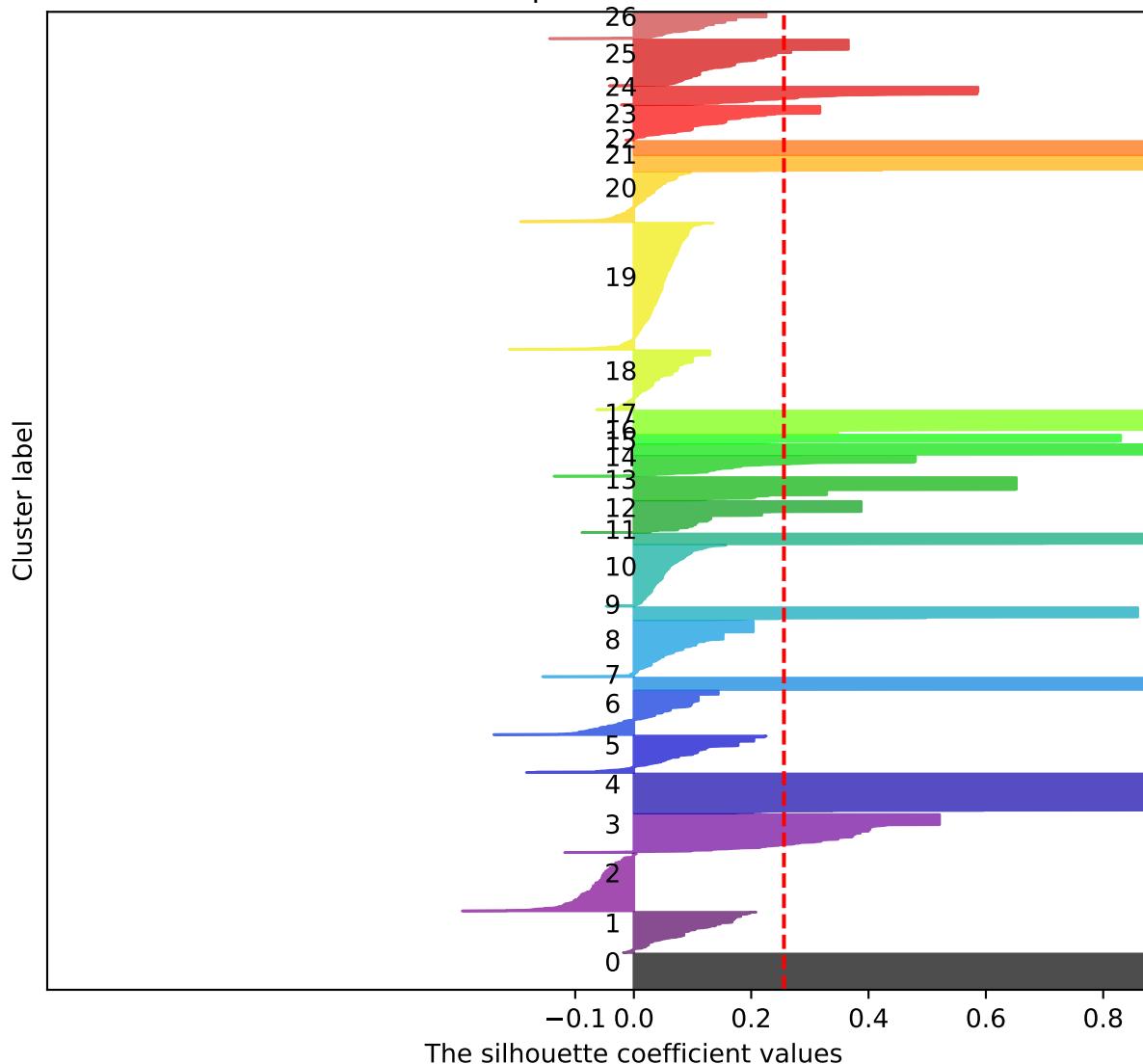


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 26 with Average Silhouette of: 0.23911353945732117

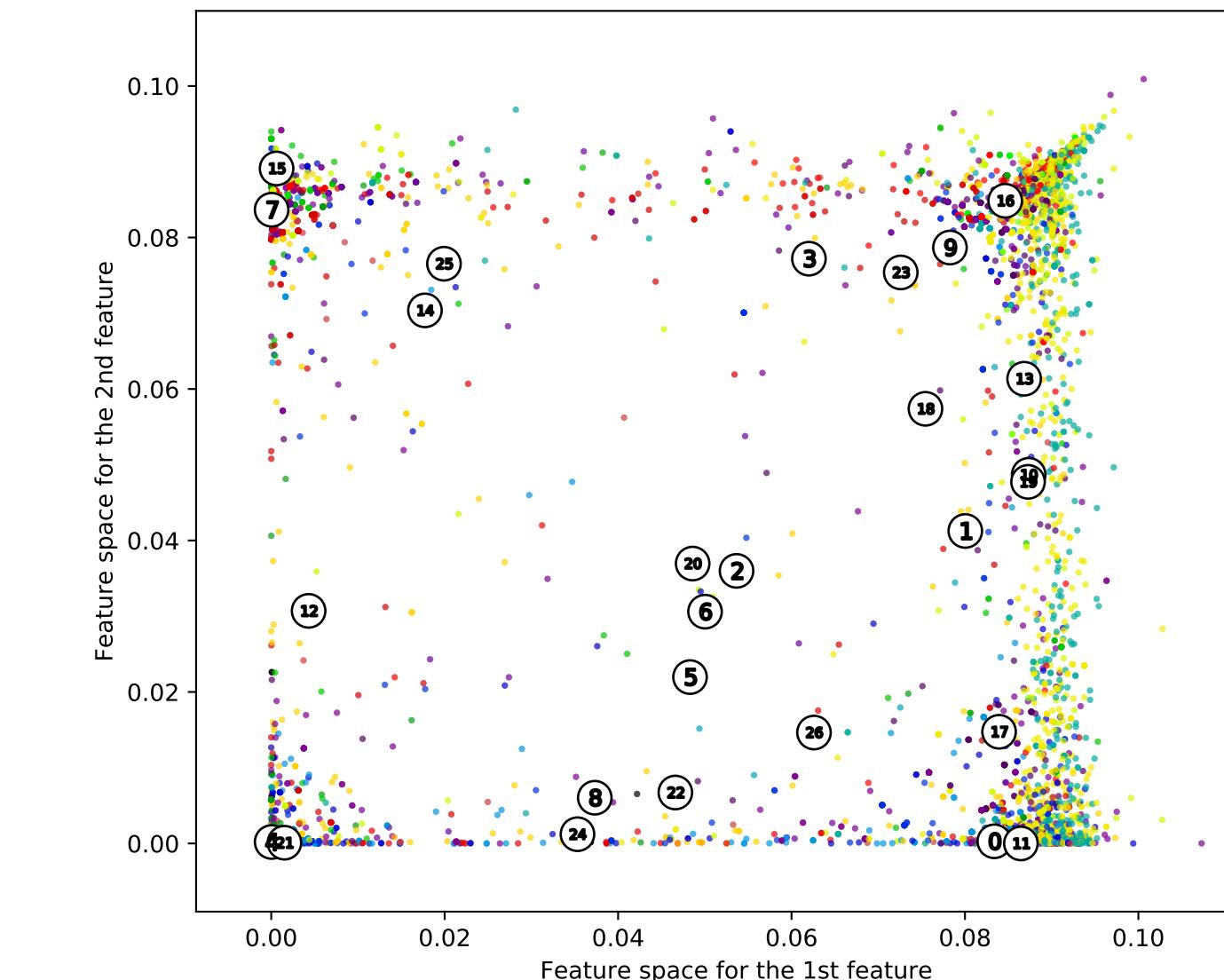


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 27 with Average Silhouette of: 0.255810022354126

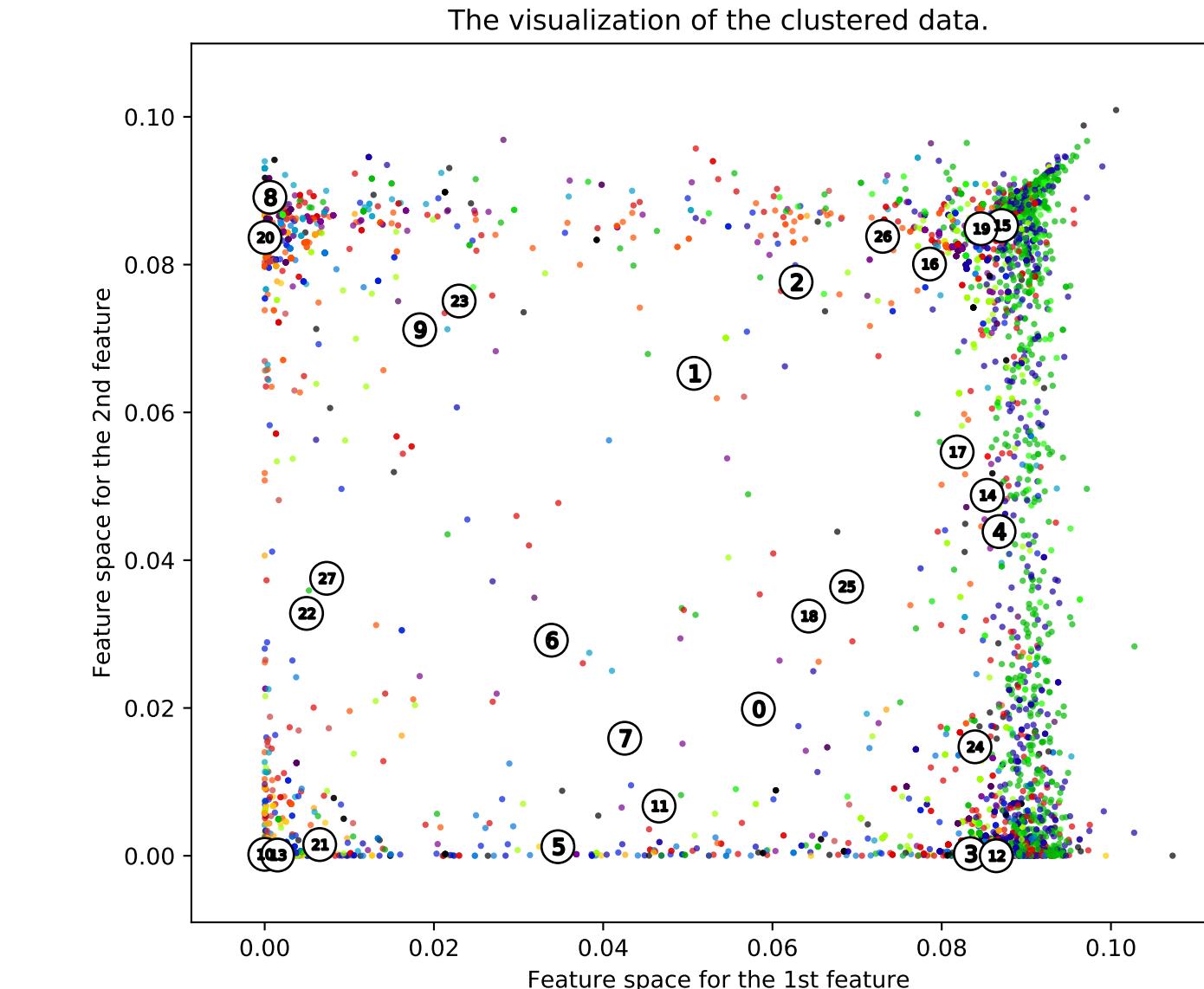
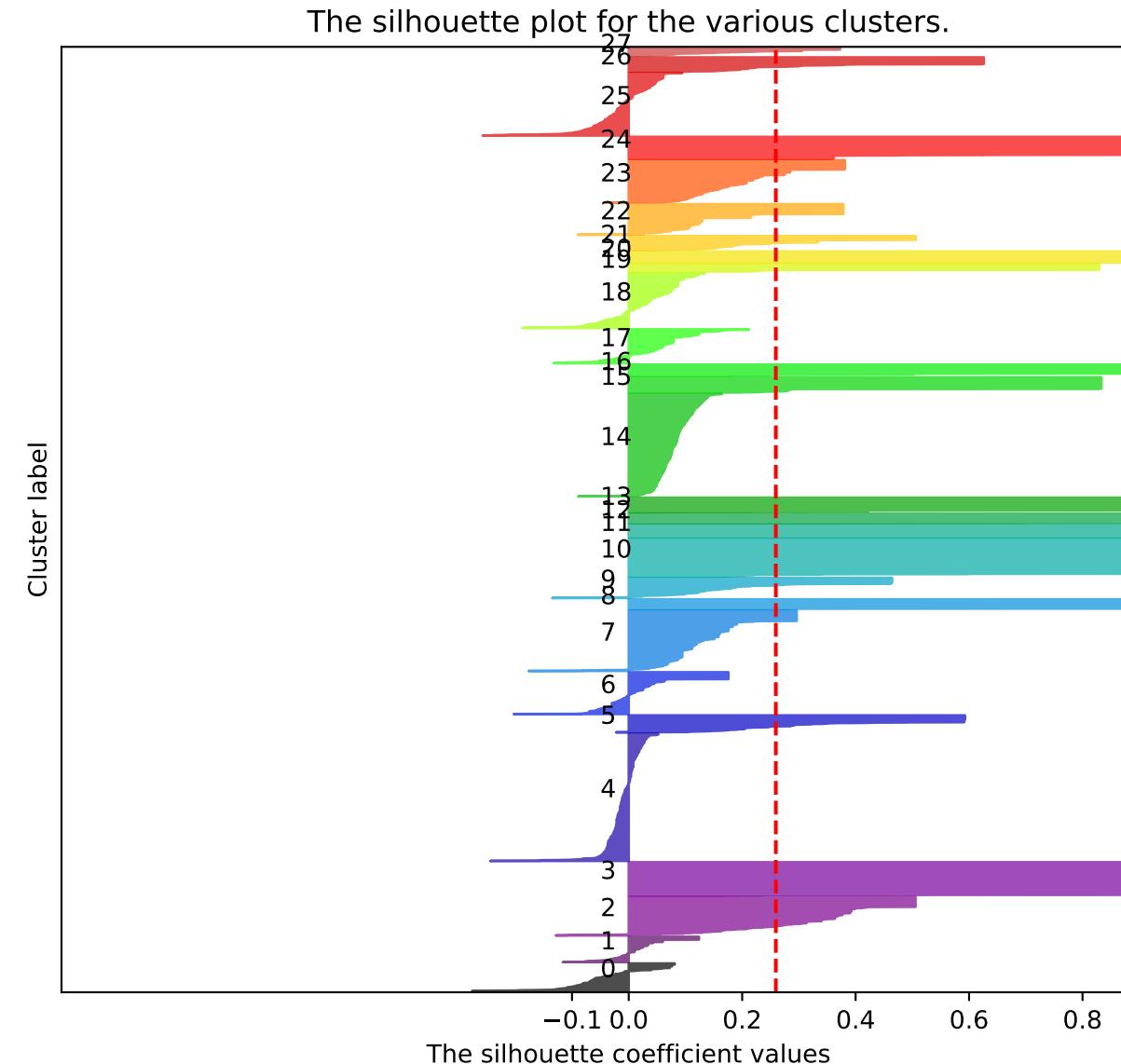
The silhouette plot for the various clusters.



The visualization of the clustered data.

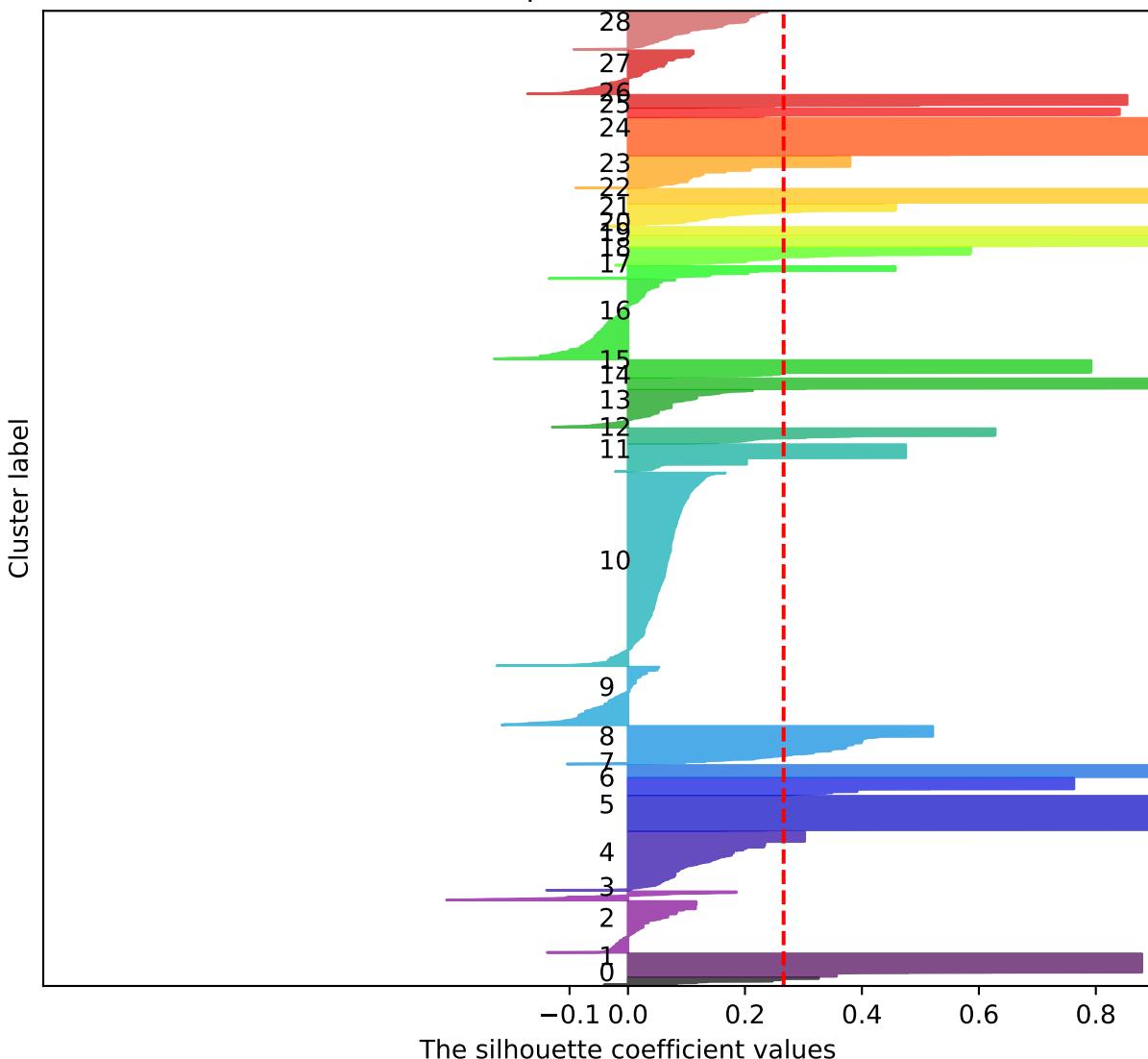


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 28 with Average Silhouette of: 0.25935885310173035

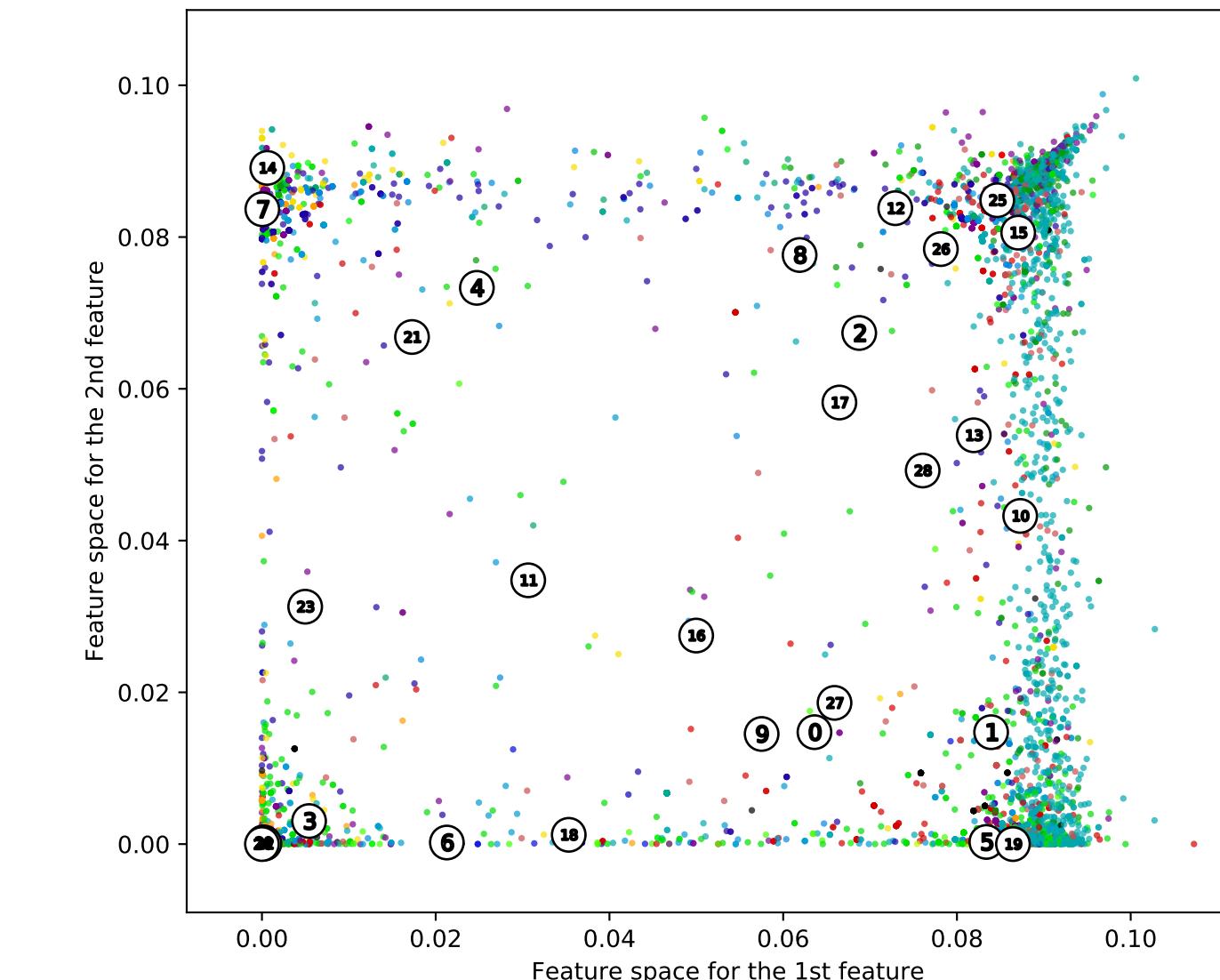


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 29 with Average Silhouette of: 0.2660919725894928

The silhouette plot for the various clusters.

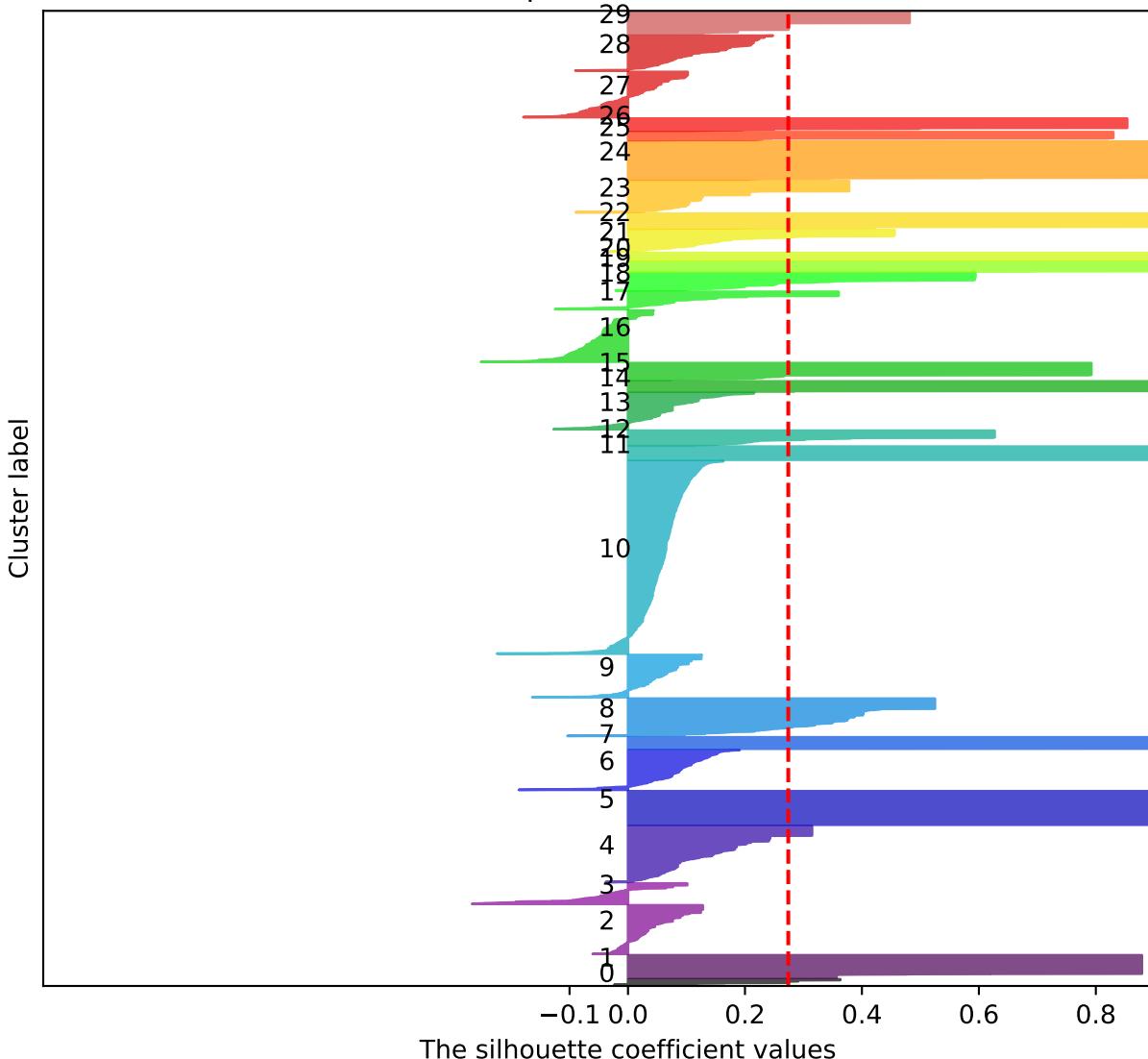


The visualization of the clustered data.

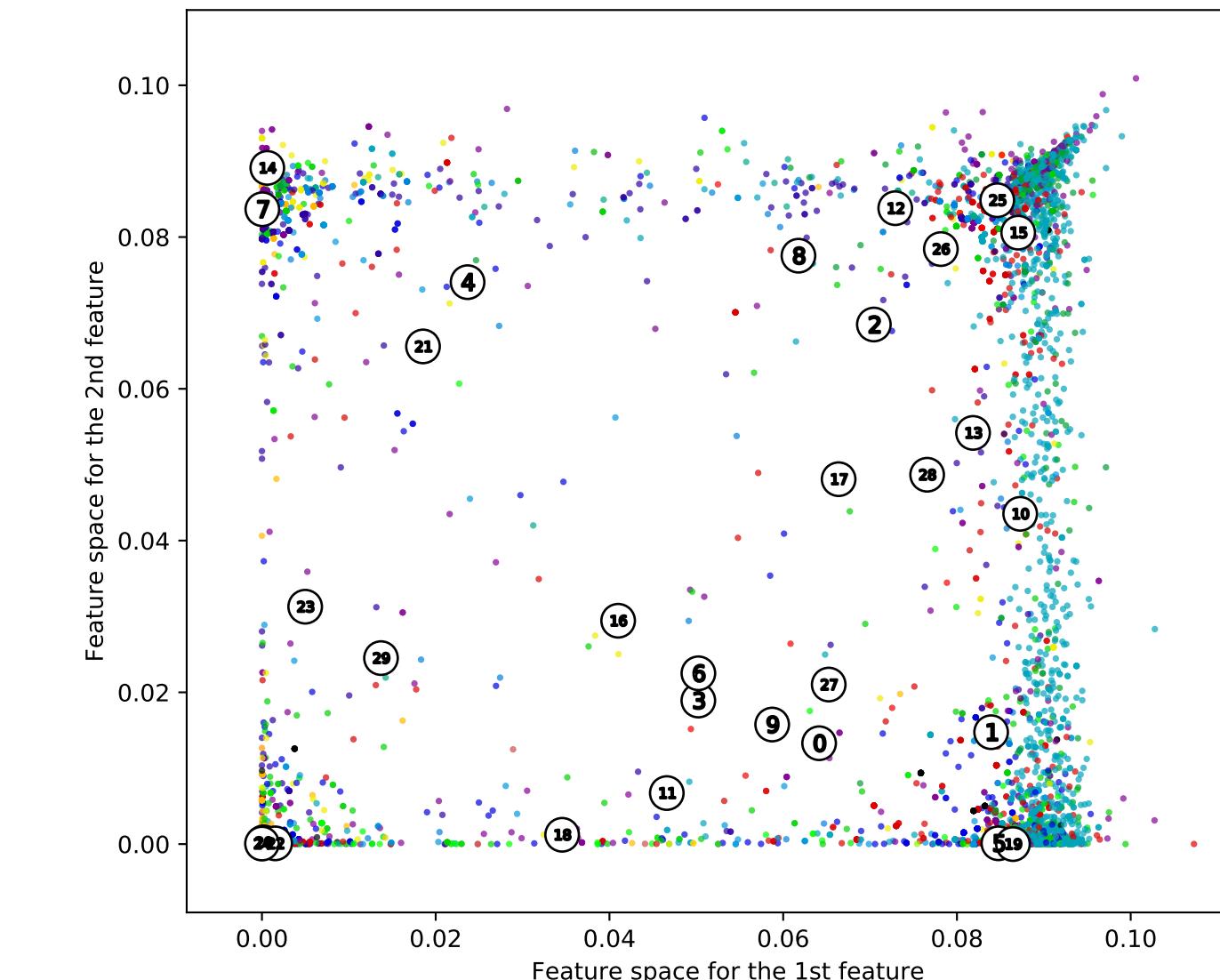


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 30 with Average Silhouette of: 0.2740817368030548

The silhouette plot for the various clusters.

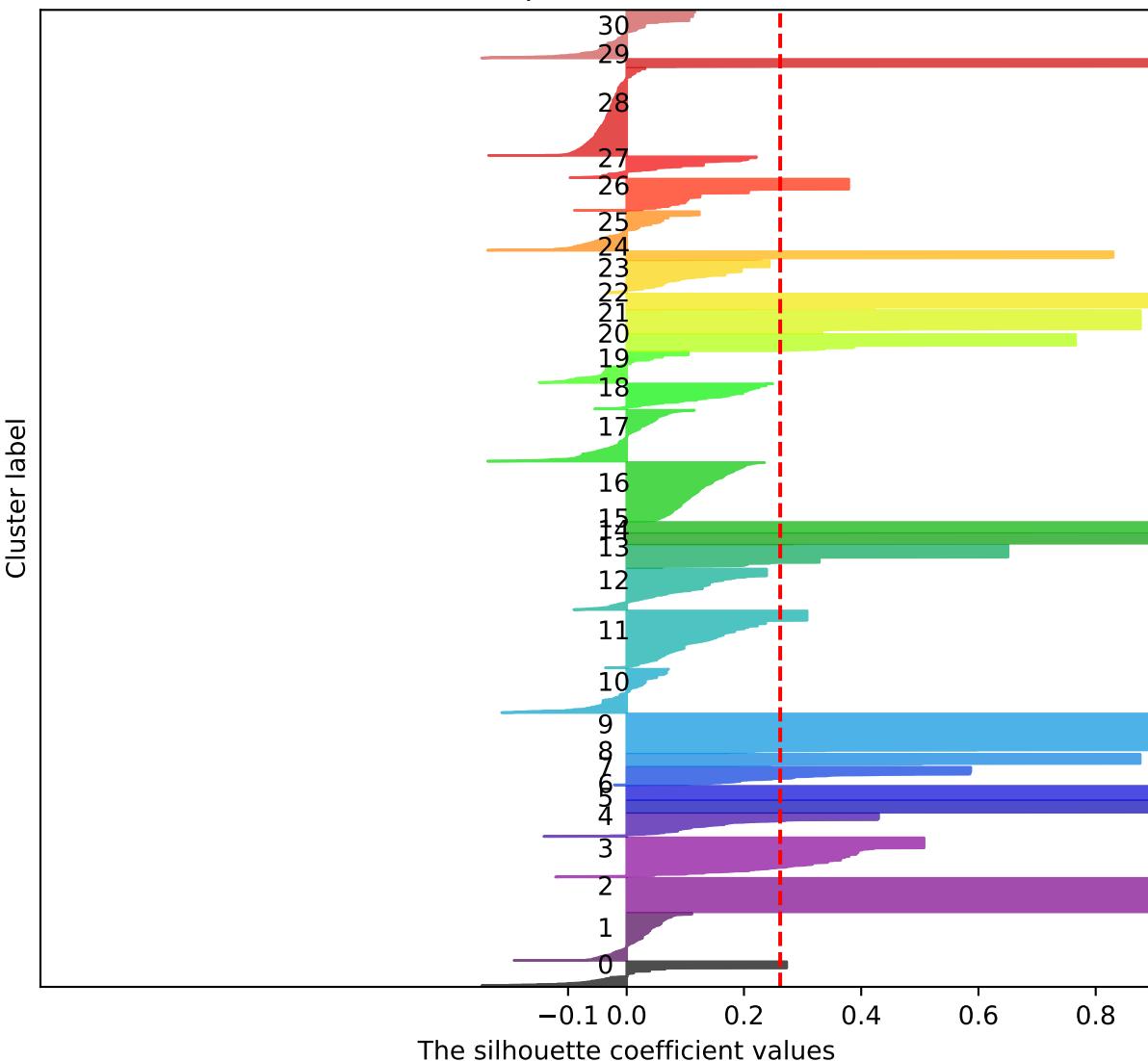


The visualization of the clustered data.

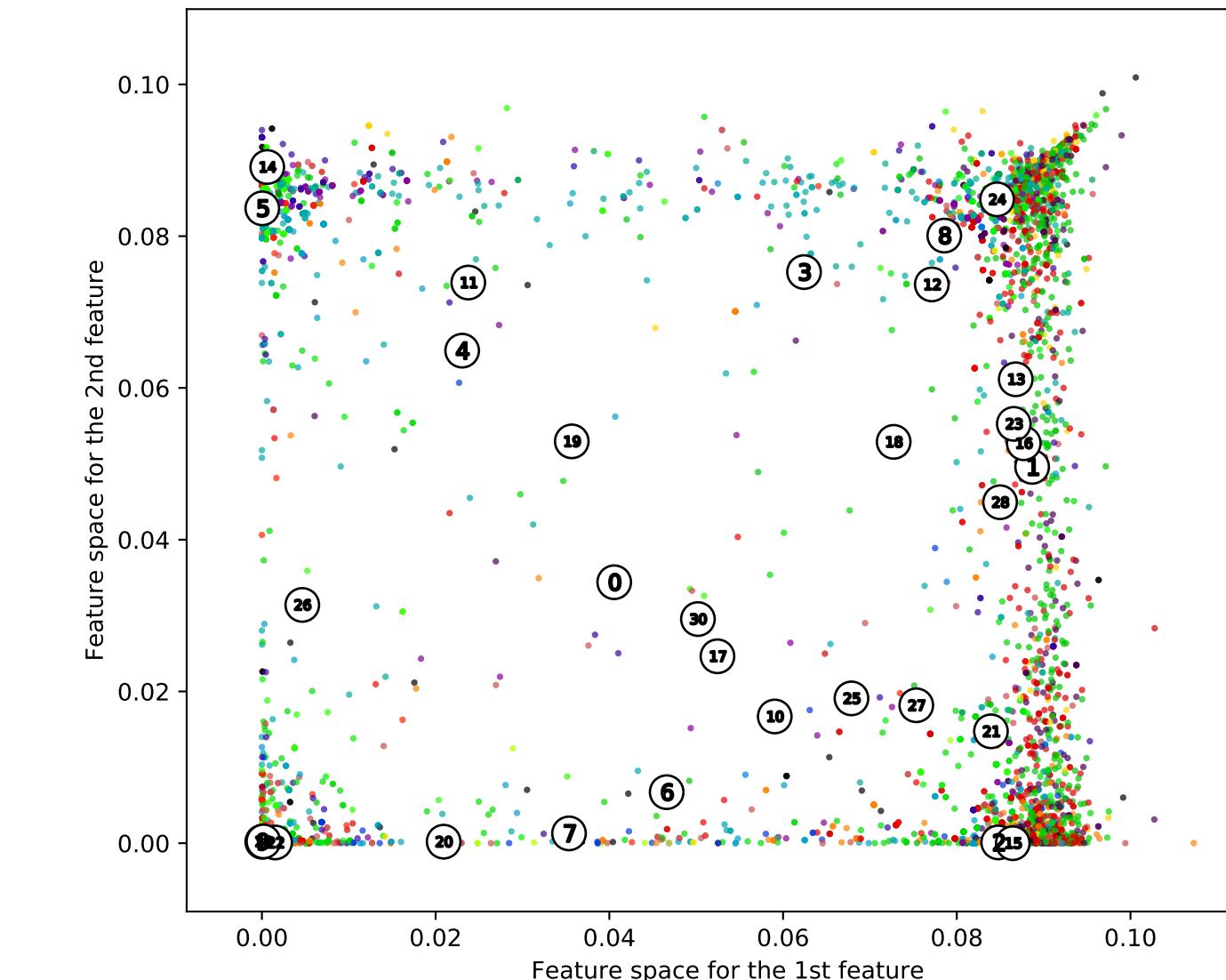


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 31 with Average Silhouette of: 0.2618216574192047

The silhouette plot for the various clusters.

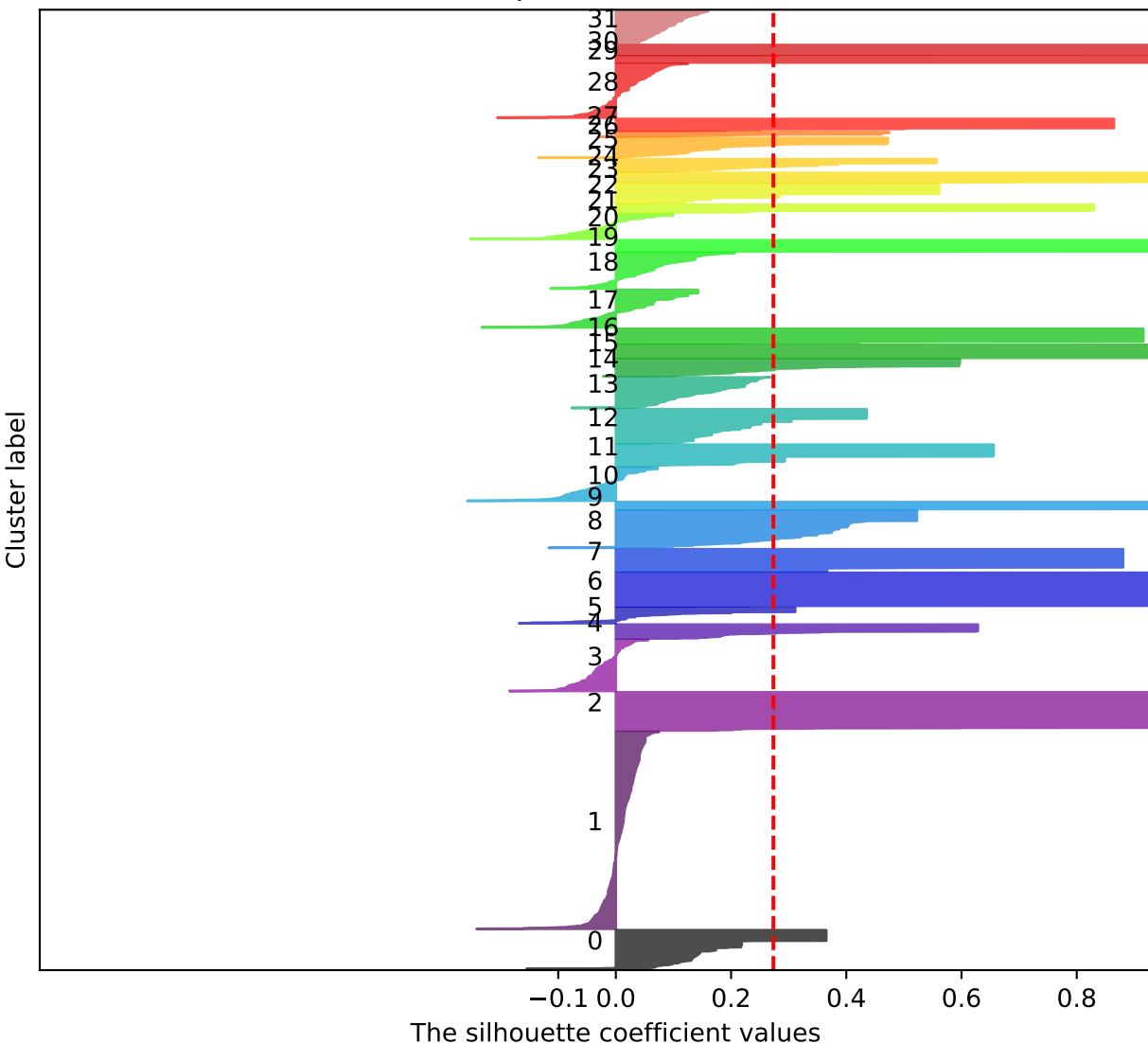


The visualization of the clustered data.

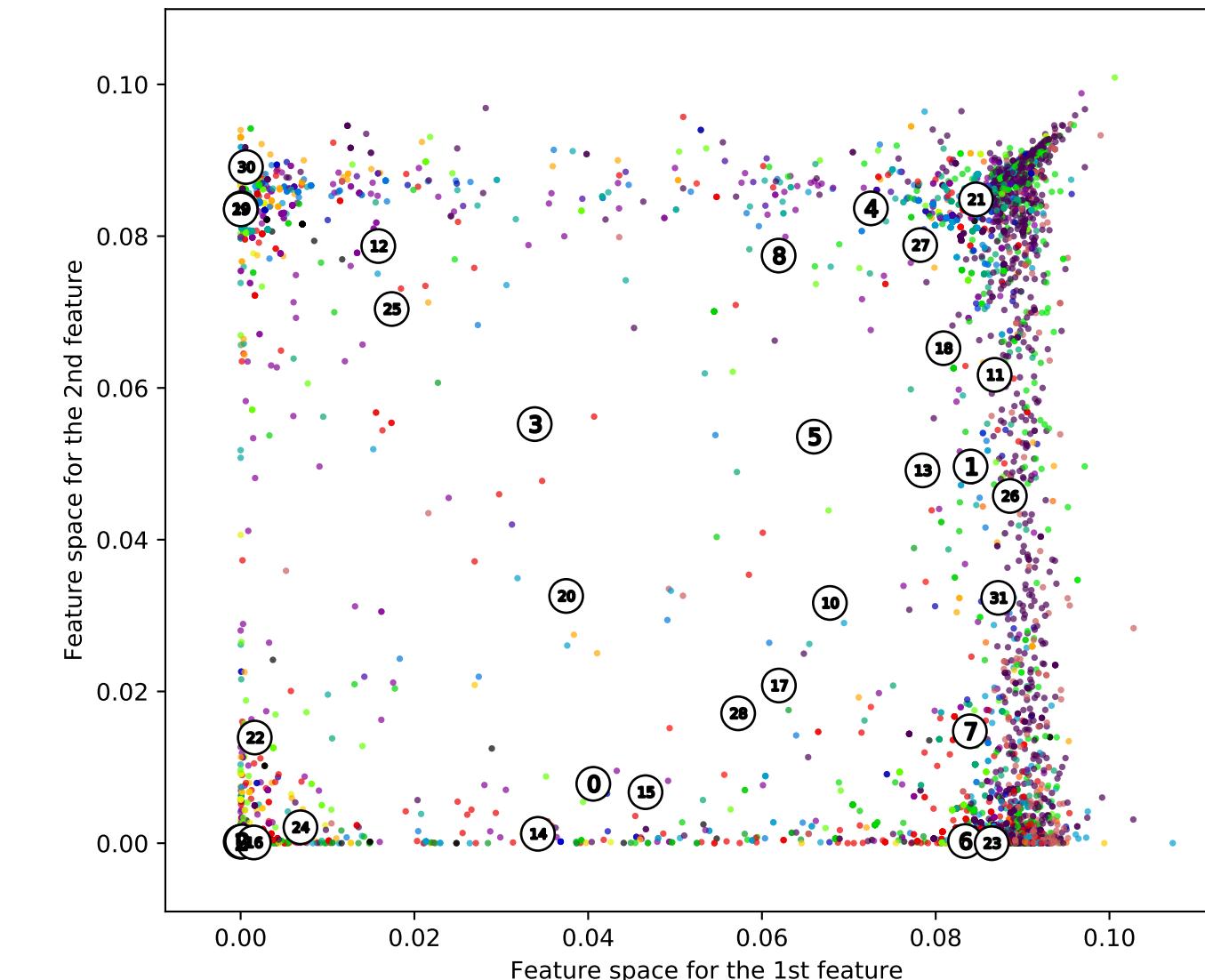


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 32 with Average Silhouette of: 0.27343714237213135

The silhouette plot for the various clusters.

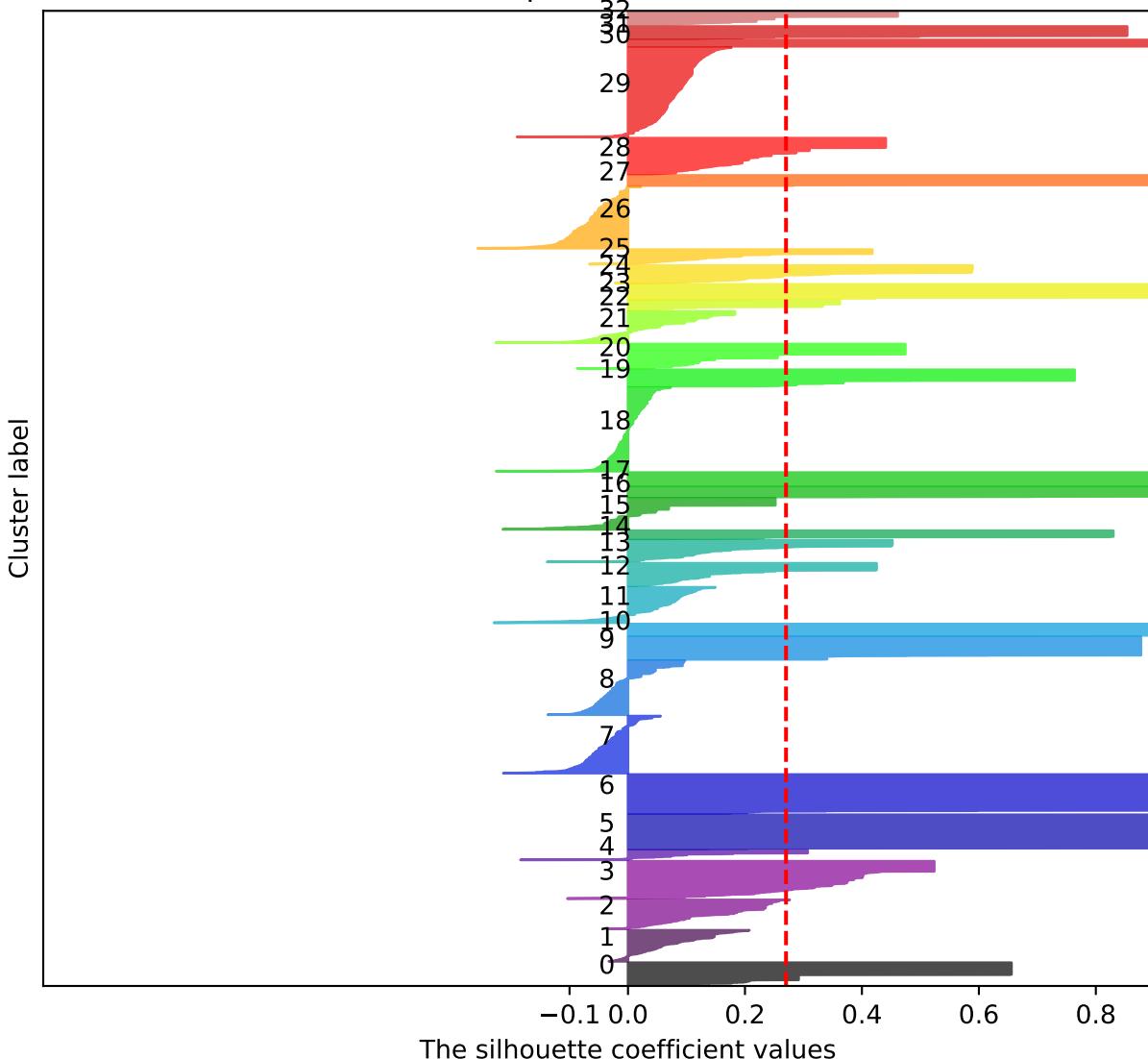


The visualization of the clustered data.

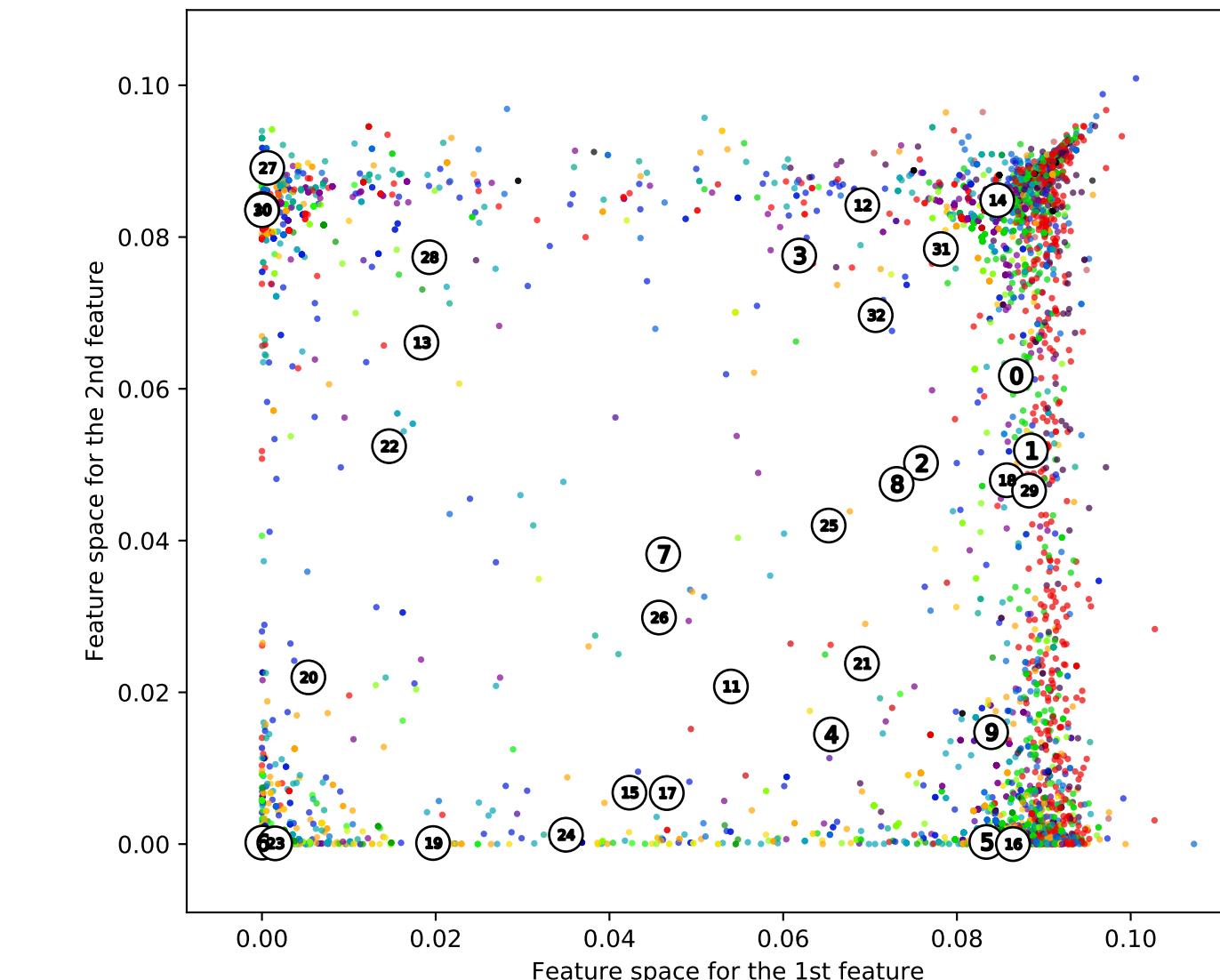


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 33 with Average Silhouette of: 0.2702135443687439

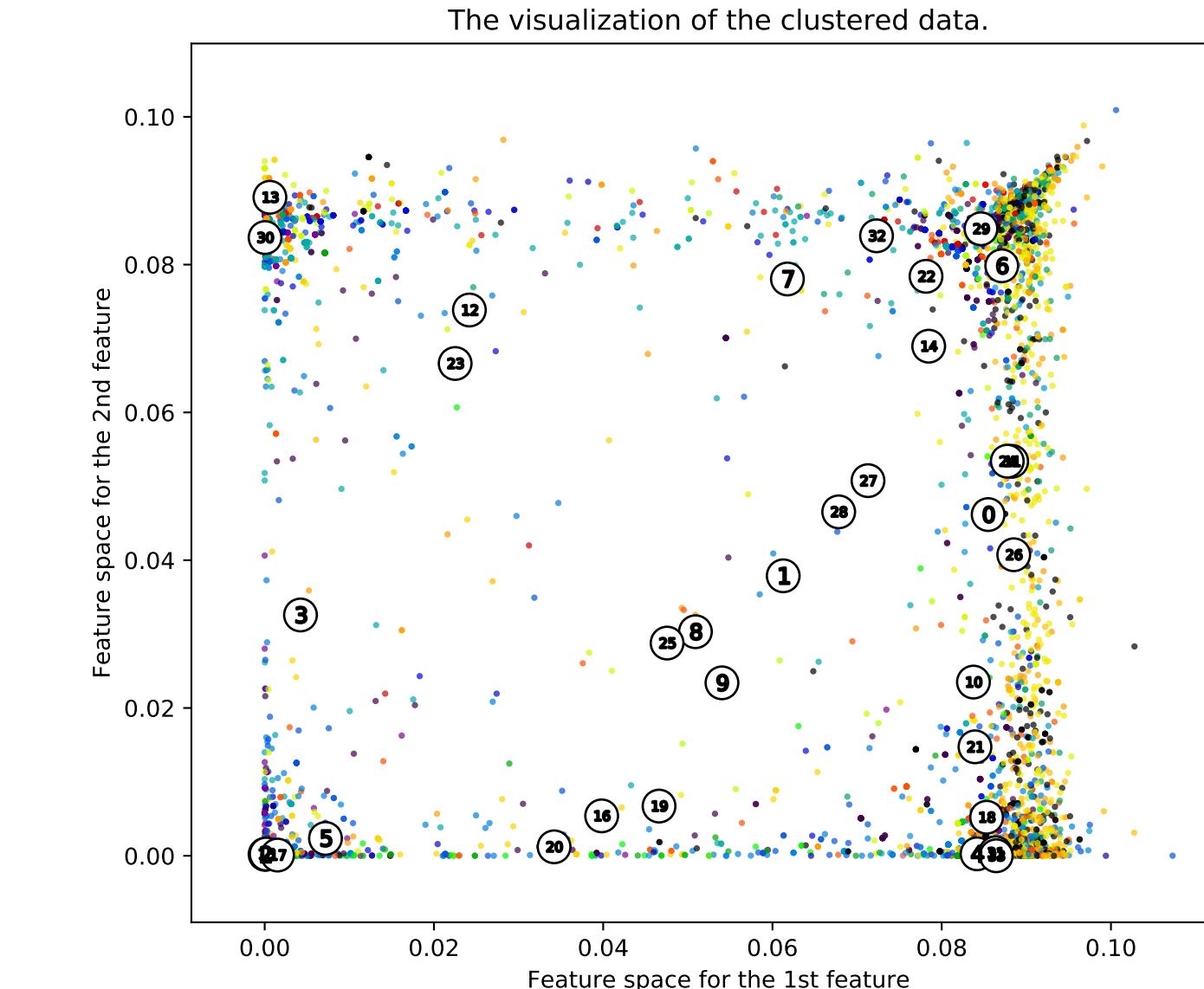
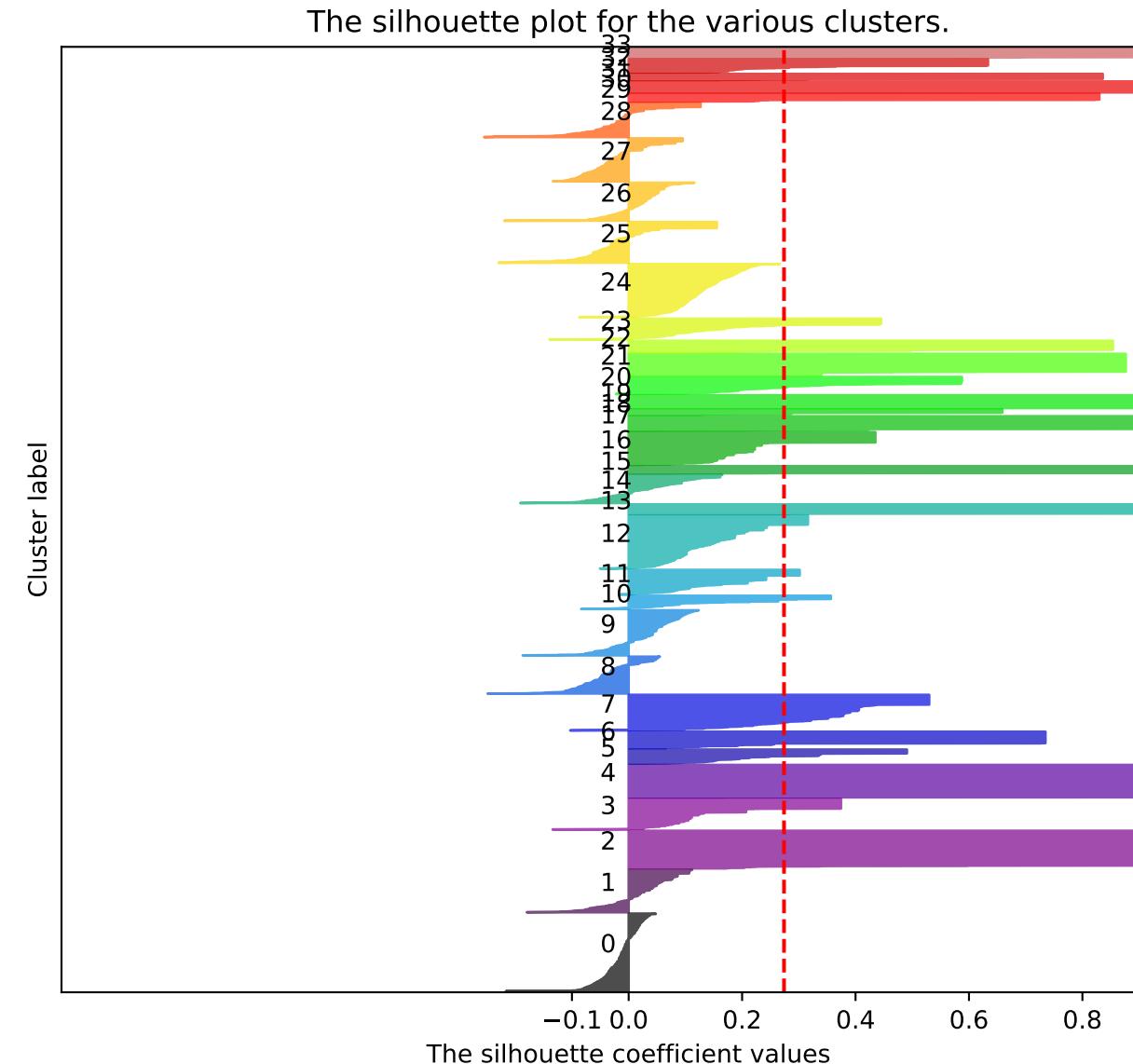
The silhouette plot for the various clusters.



The visualization of the clustered data.

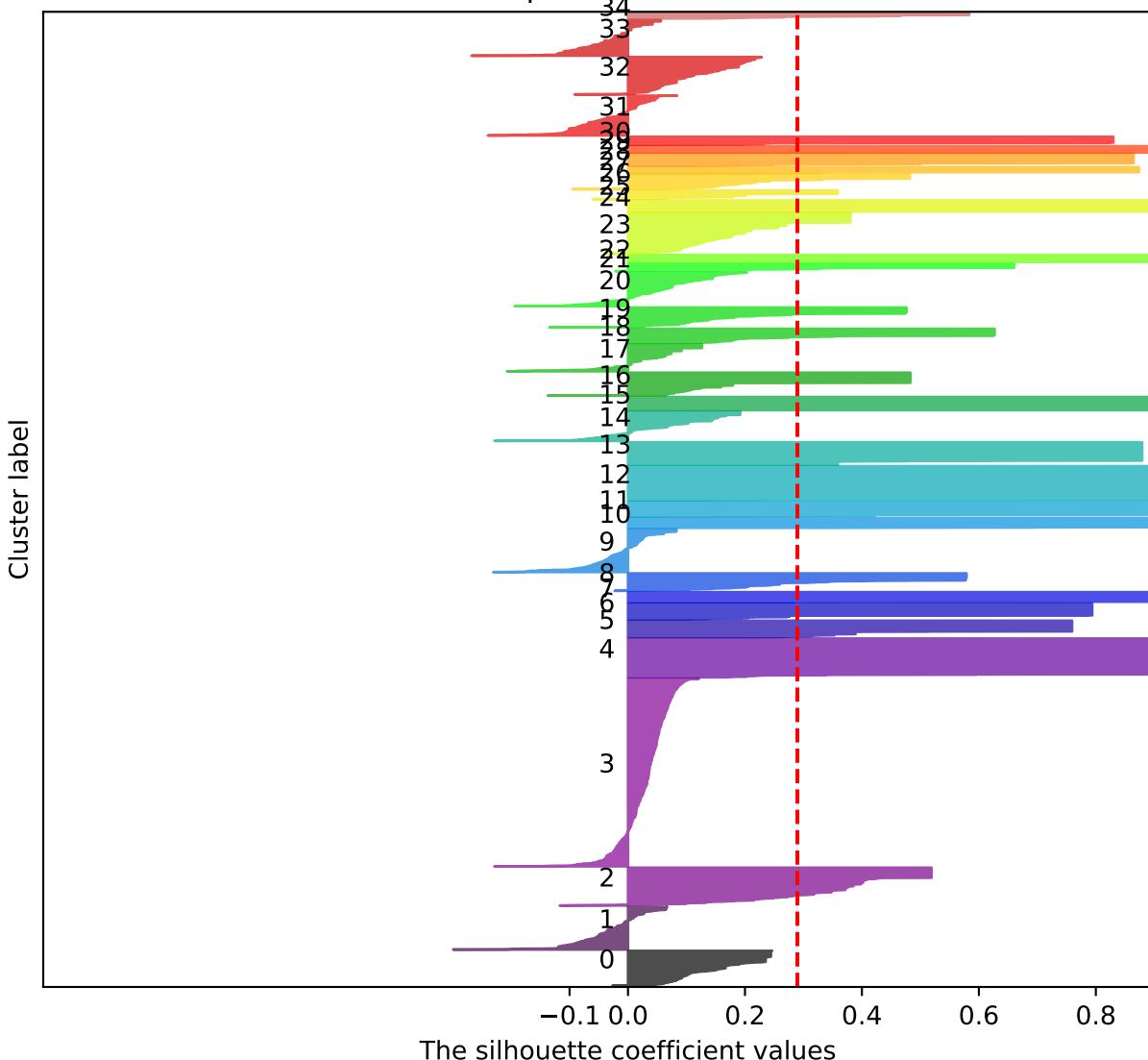


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 34 with Average Silhouette of: 0.27387723326683044

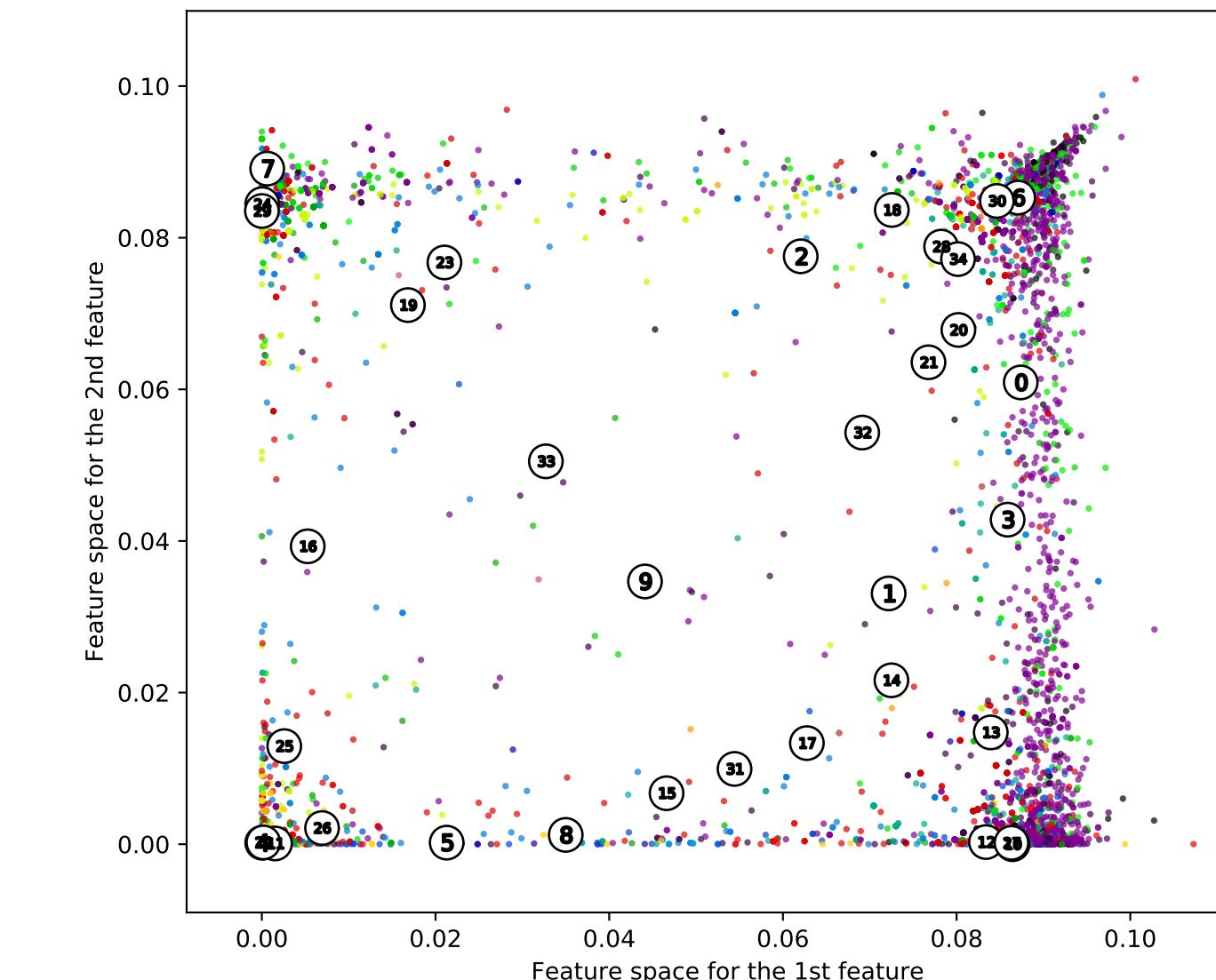


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 35 with Average Silhouette of: 0.2896215319633484

The silhouette plot for the various clusters.

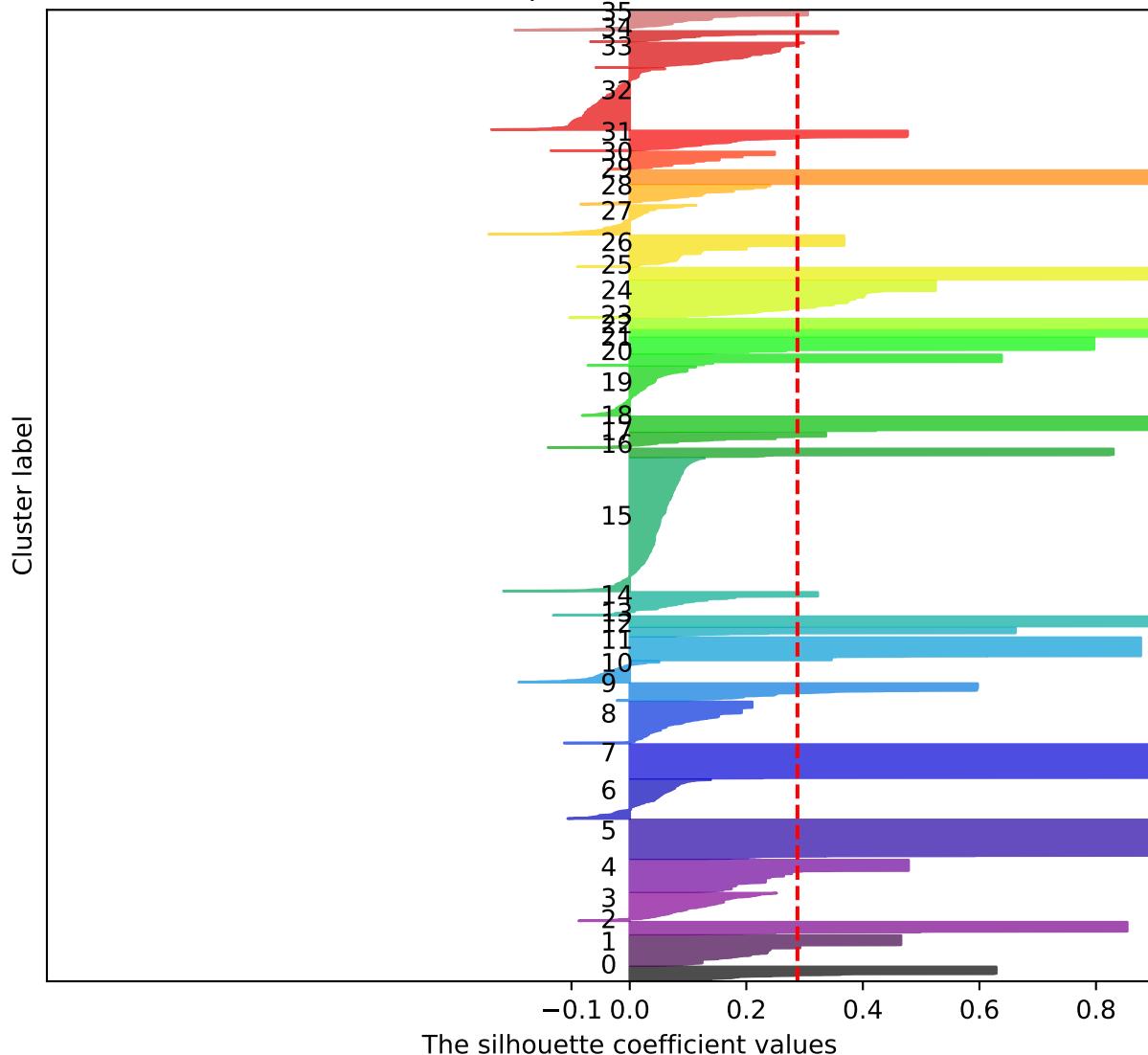


The visualization of the clustered data.

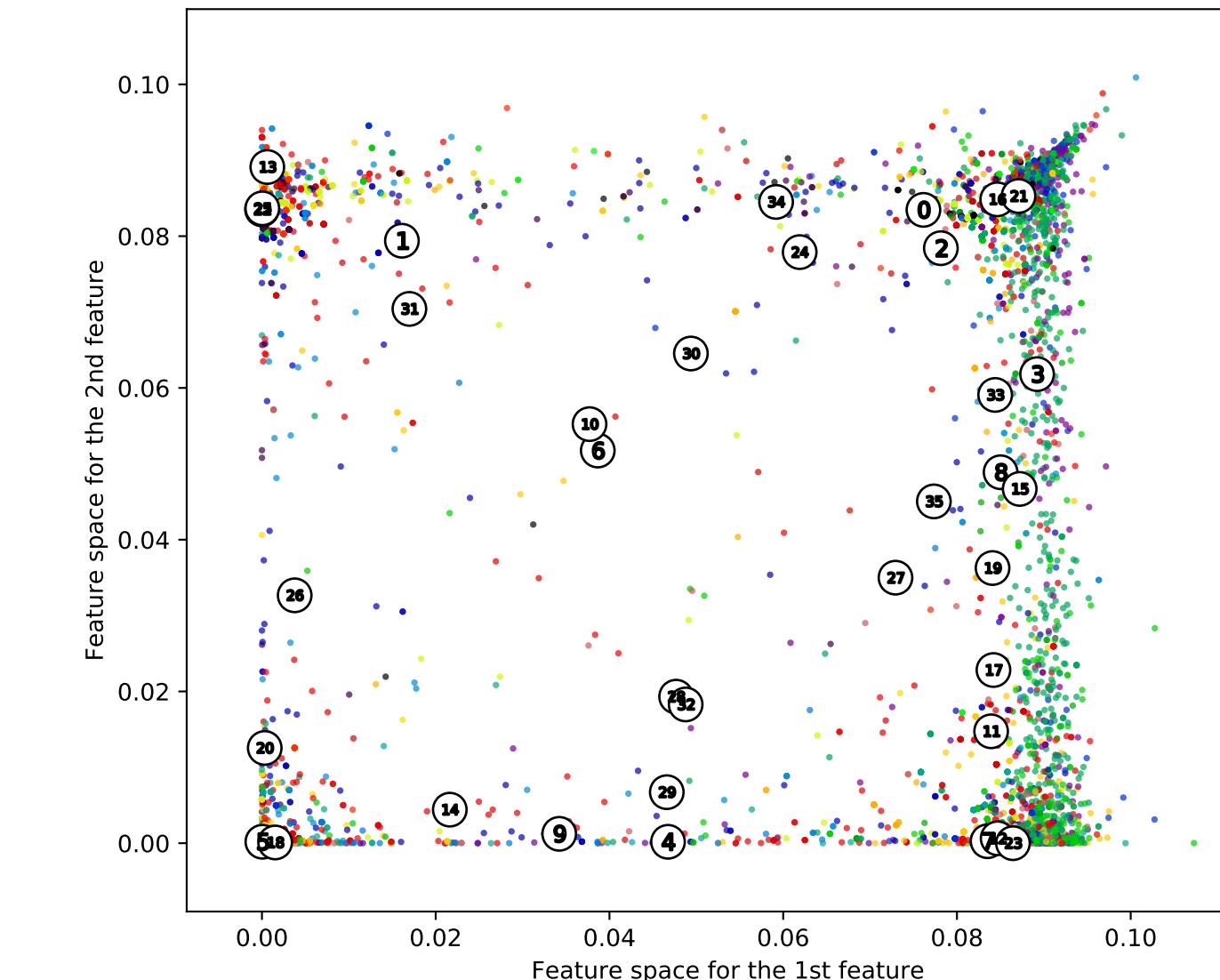


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 36 with Average Silhouette of: 0.28775662183761597

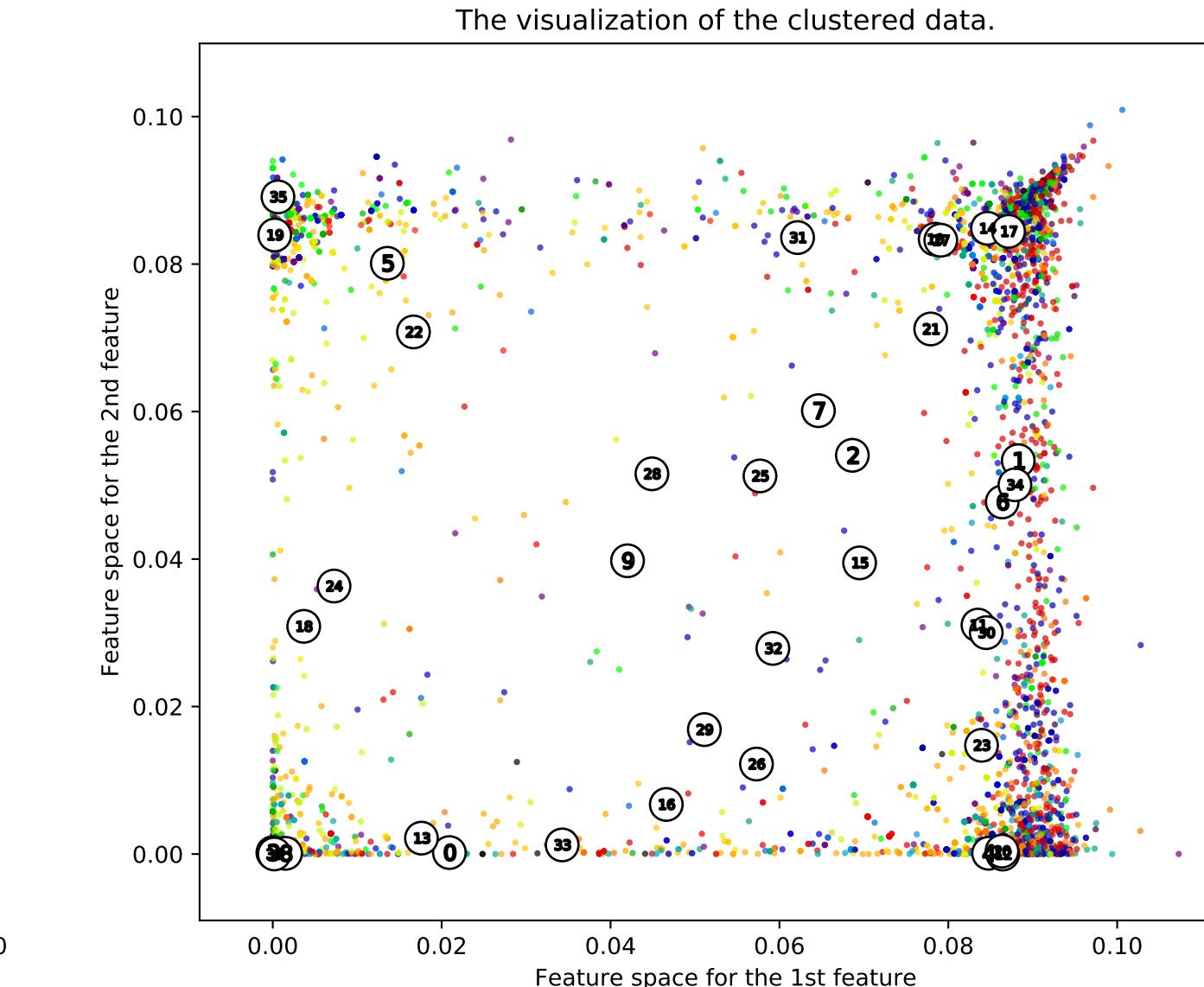
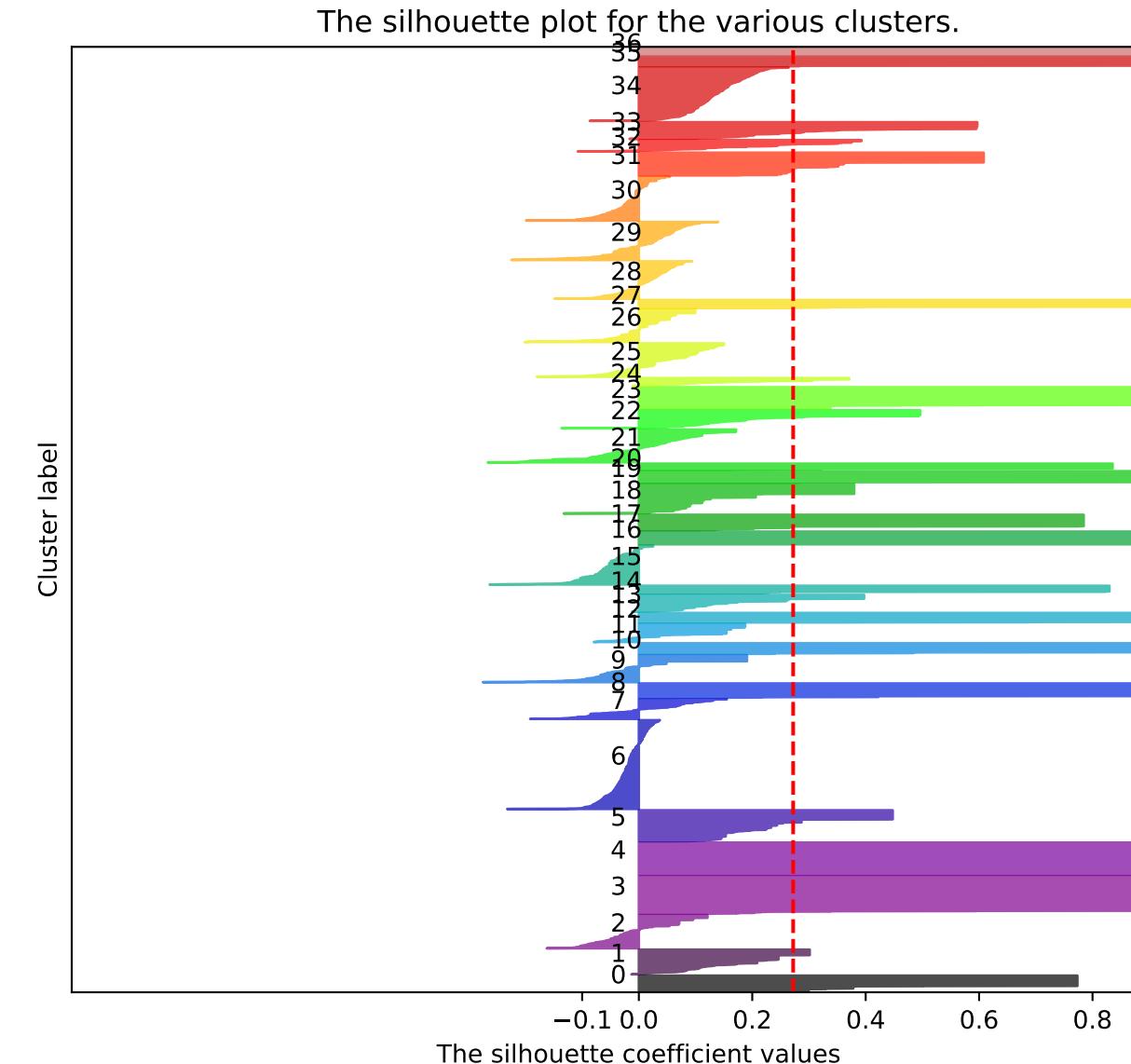
The silhouette plot for the various clusters.



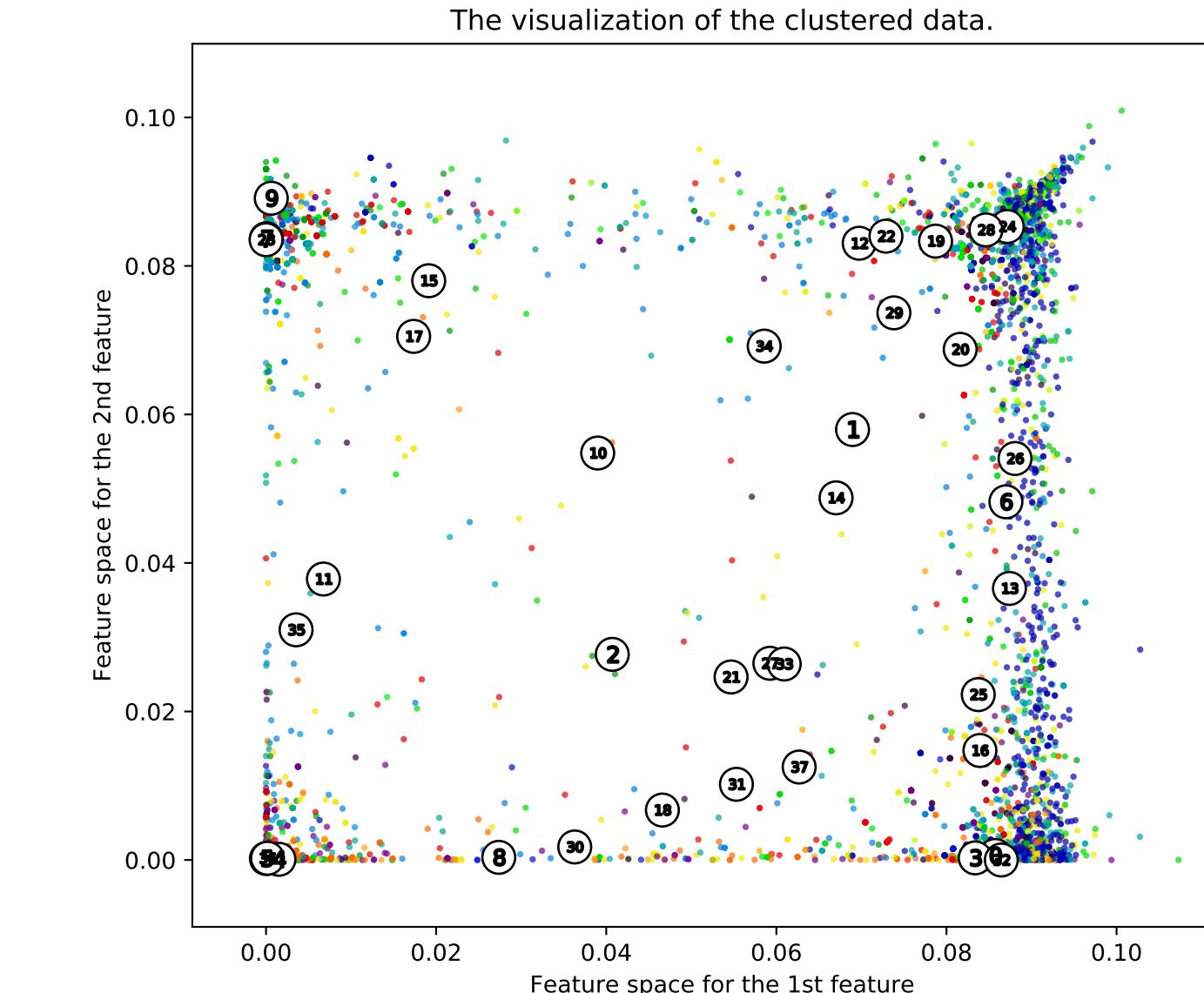
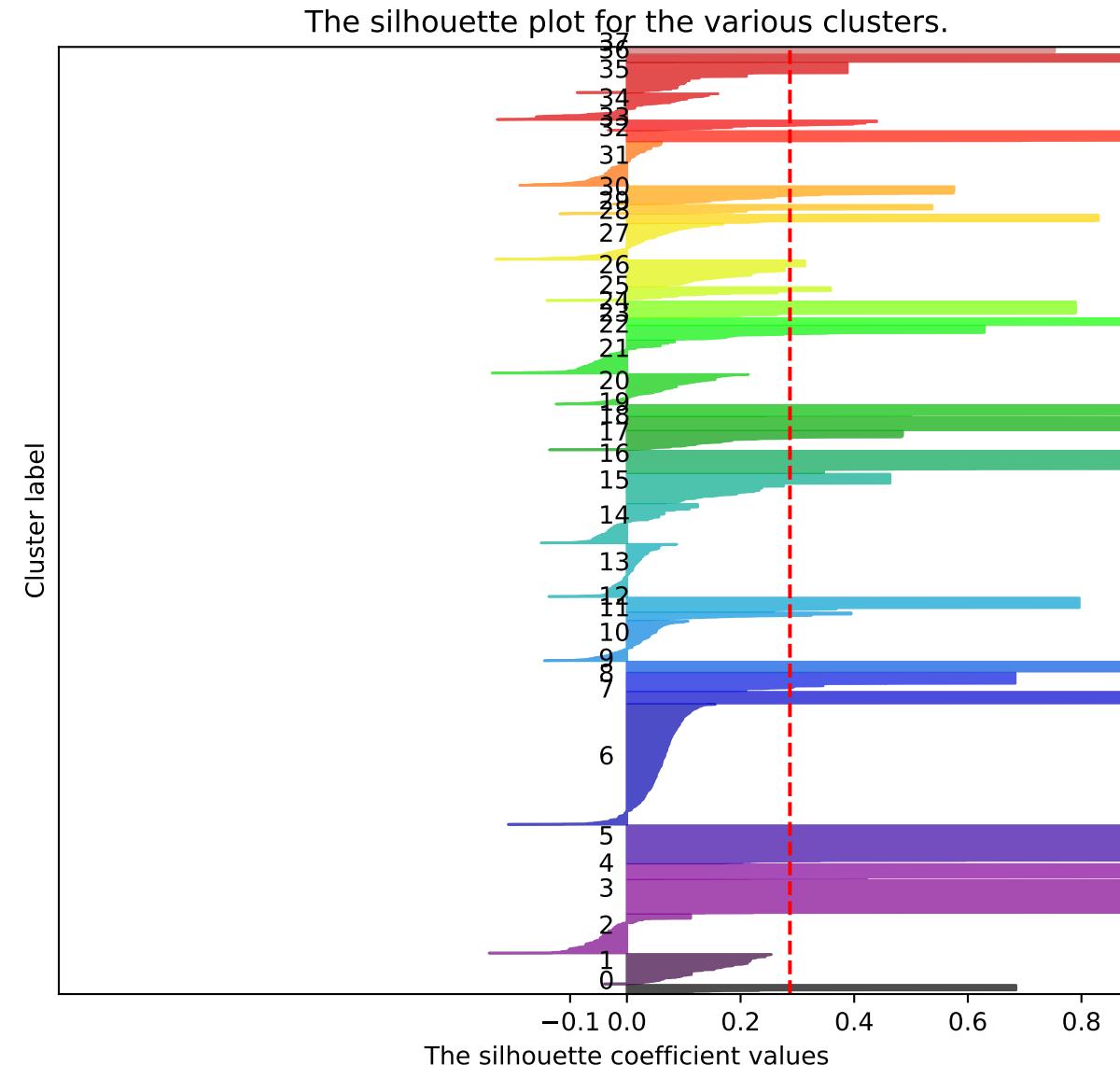
The visualization of the clustered data.



# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 37 with Average Silhouette of: 0.27208802103996277

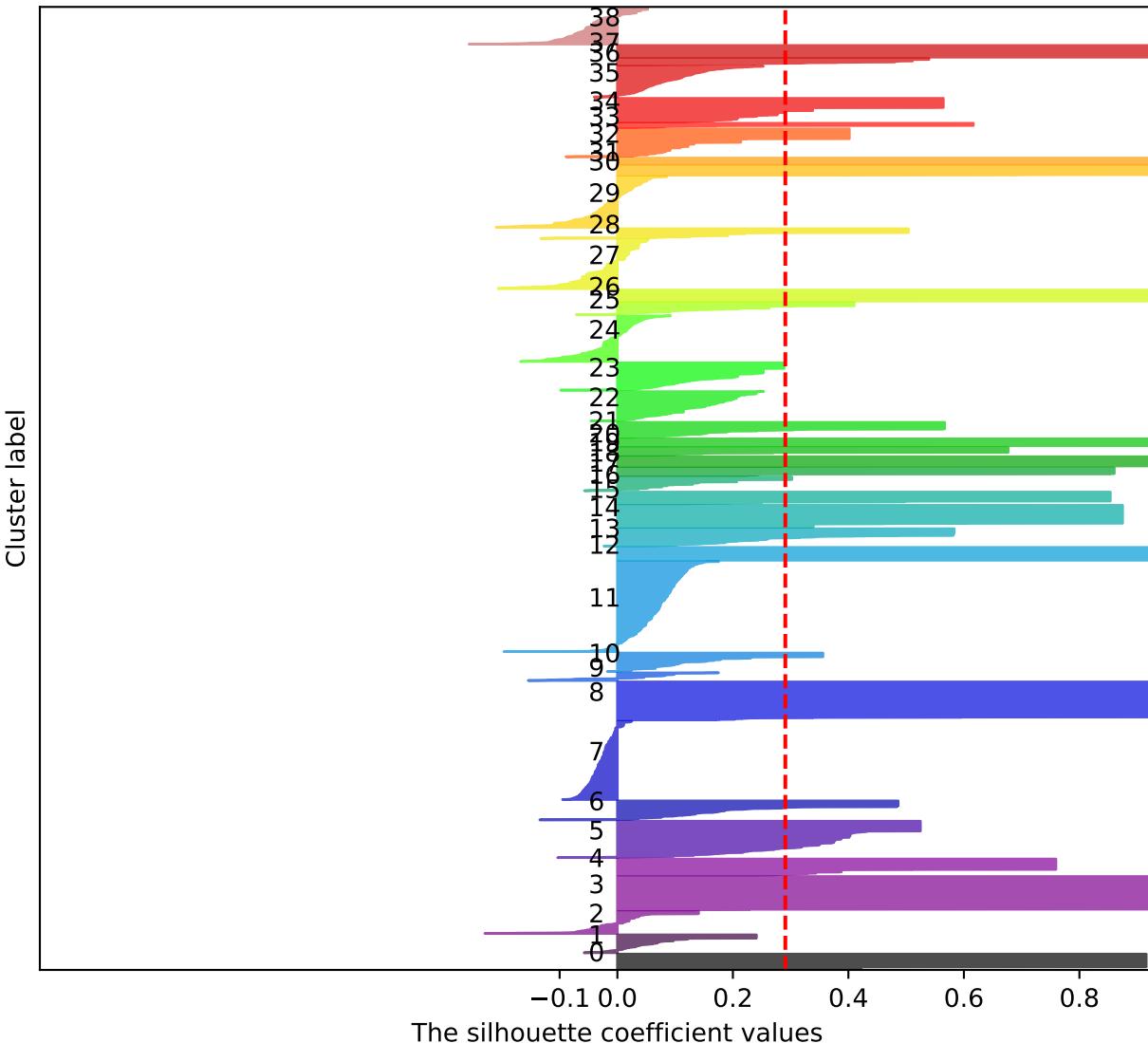


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 38 with Average Silhouette of: 0.2869245409965515

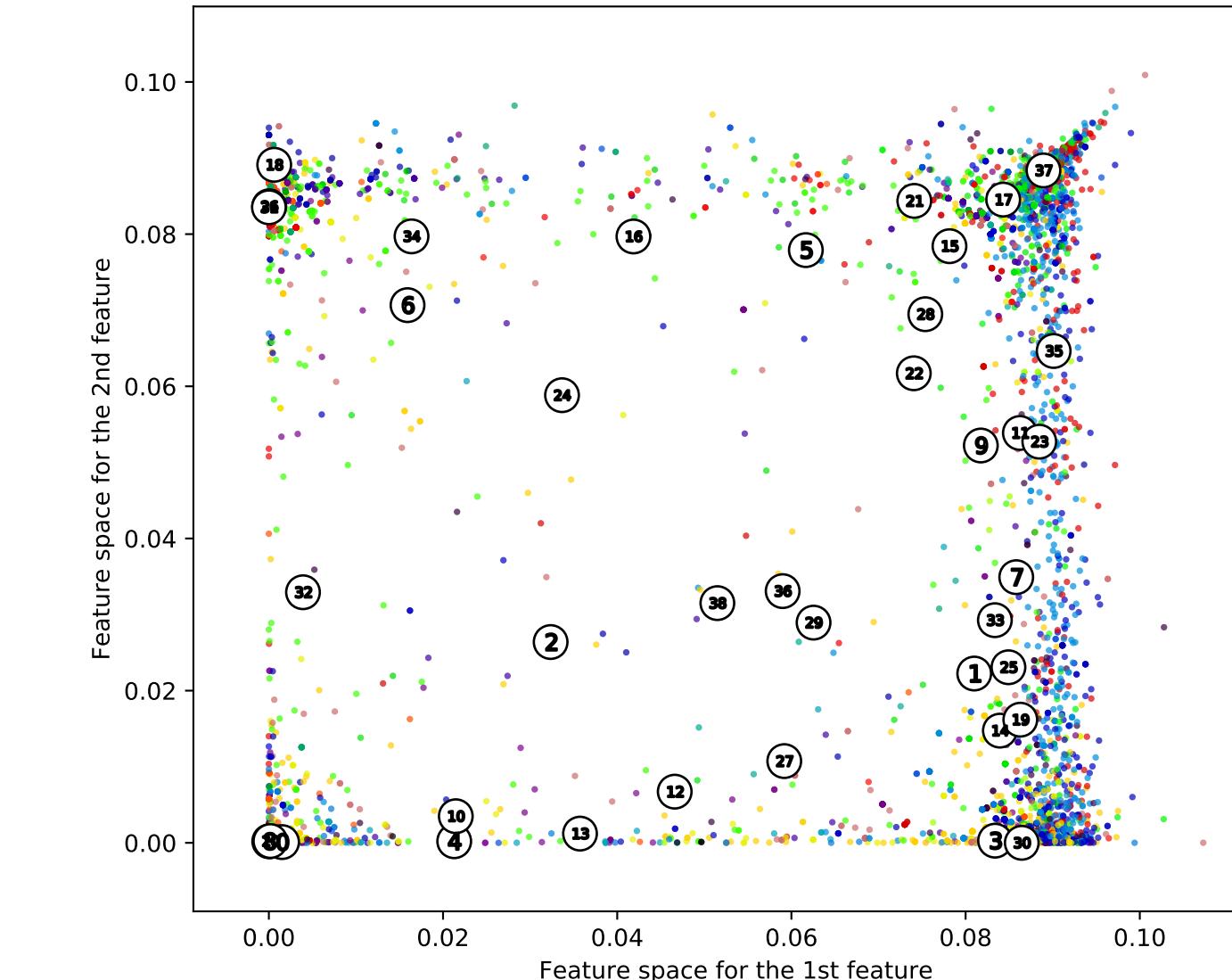


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 39 with Average Silhouette of: 0.29080015420913696

The silhouette plot for the various clusters.

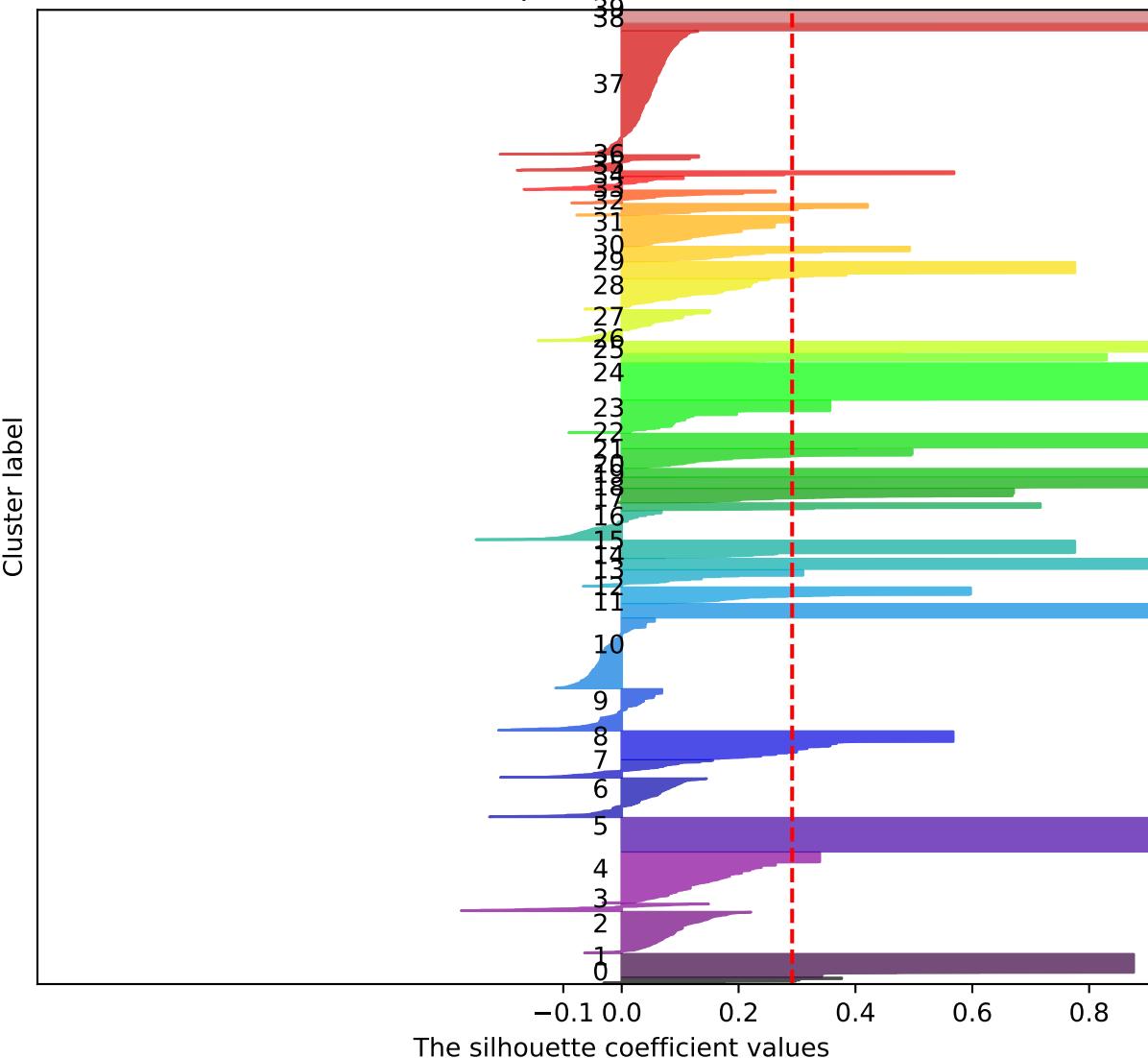


The visualization of the clustered data.

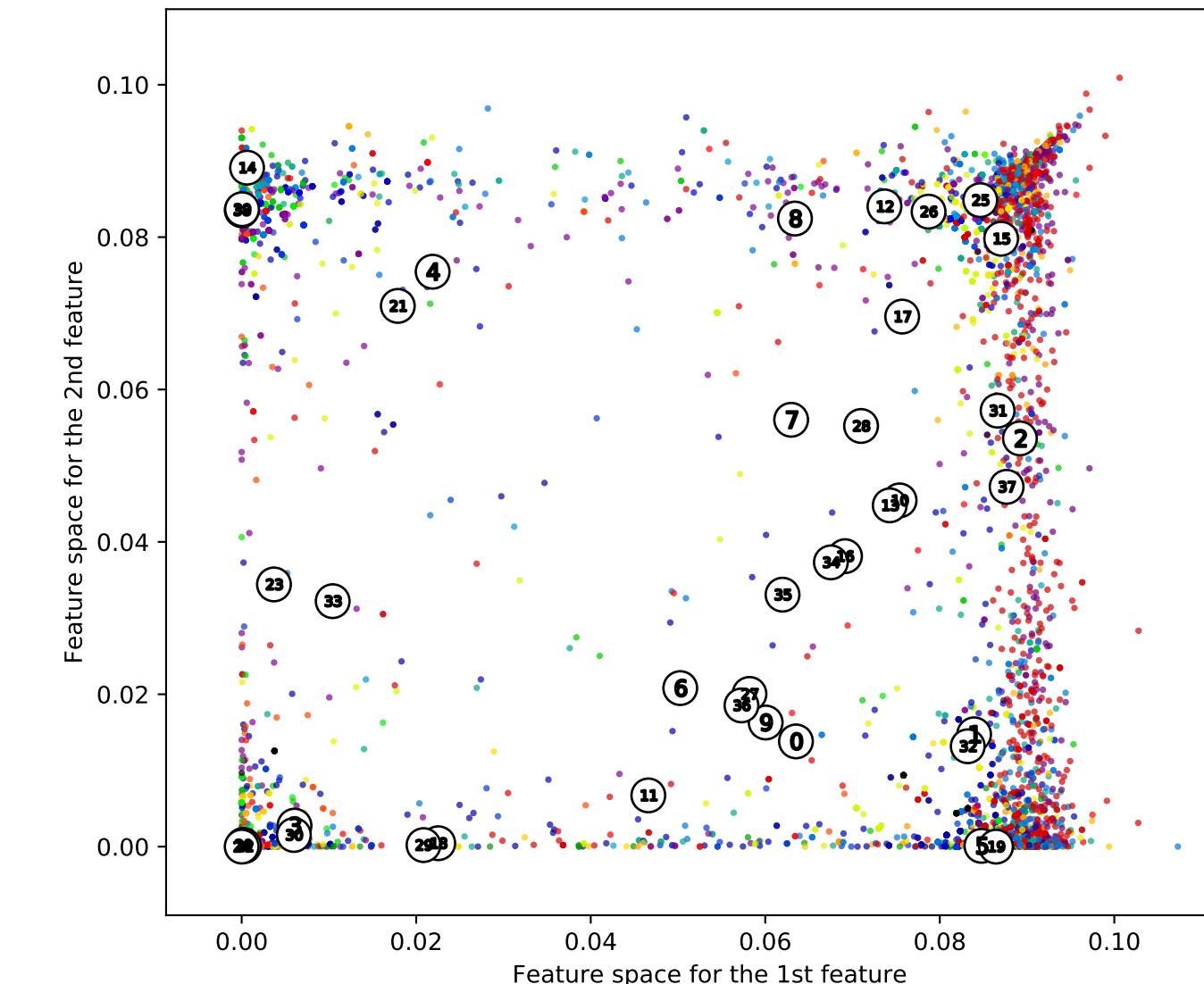


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 40 with Average Silhouette of: 0.29162293672561646

The silhouette plot for the various clusters.

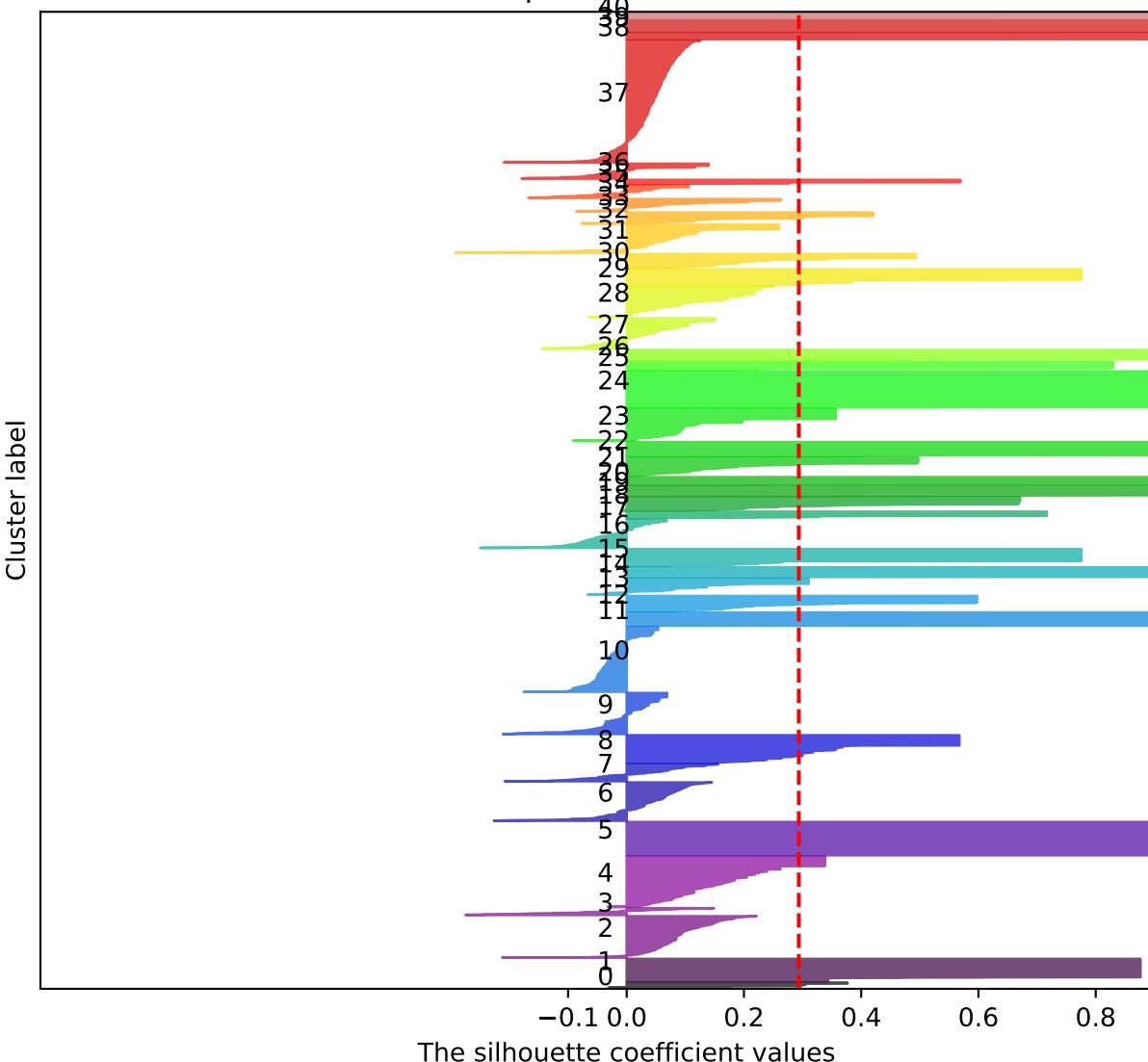


The visualization of the clustered data.

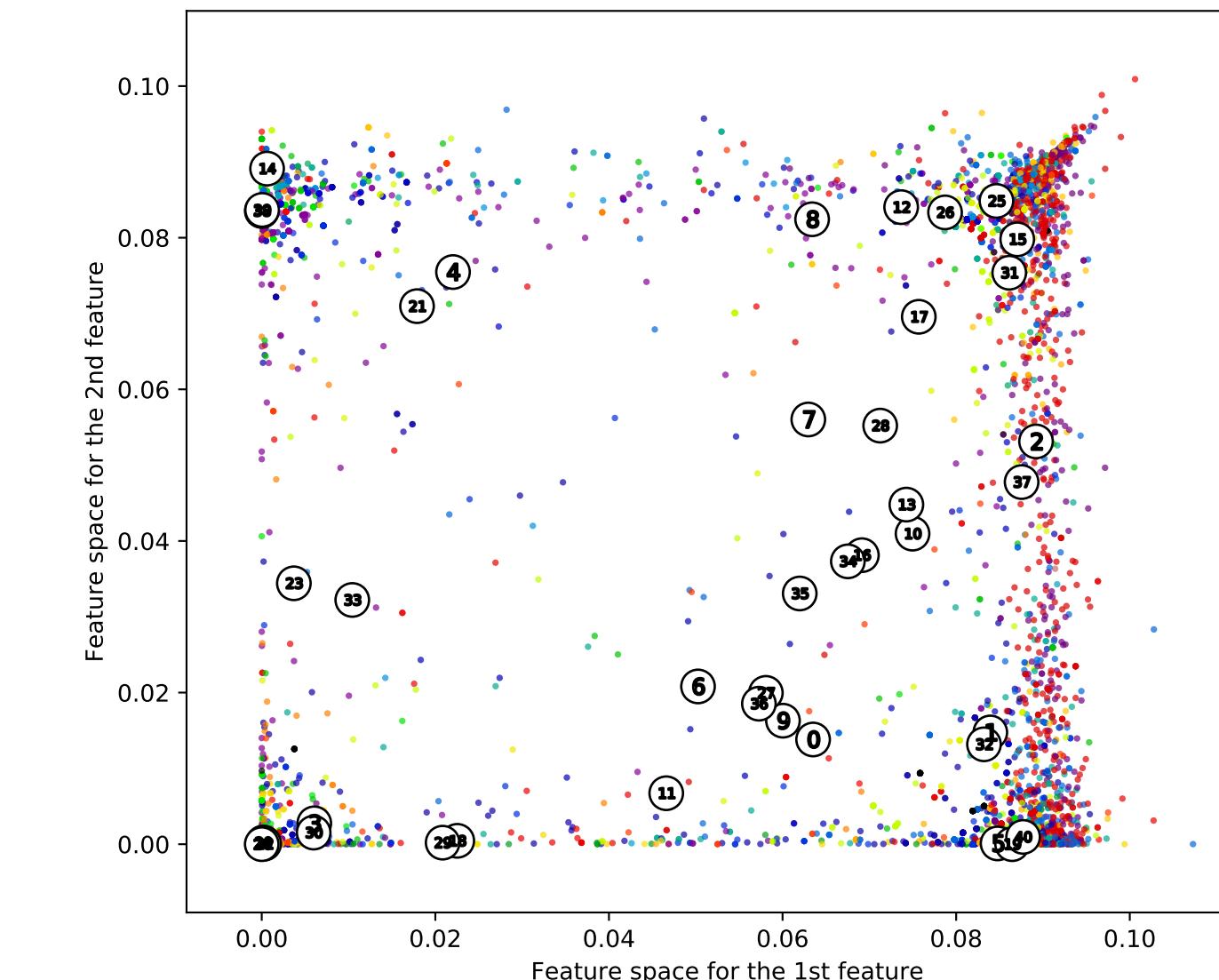


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 41 with Average Silhouette of: 0.2935672104358673

The silhouette plot for the various clusters.

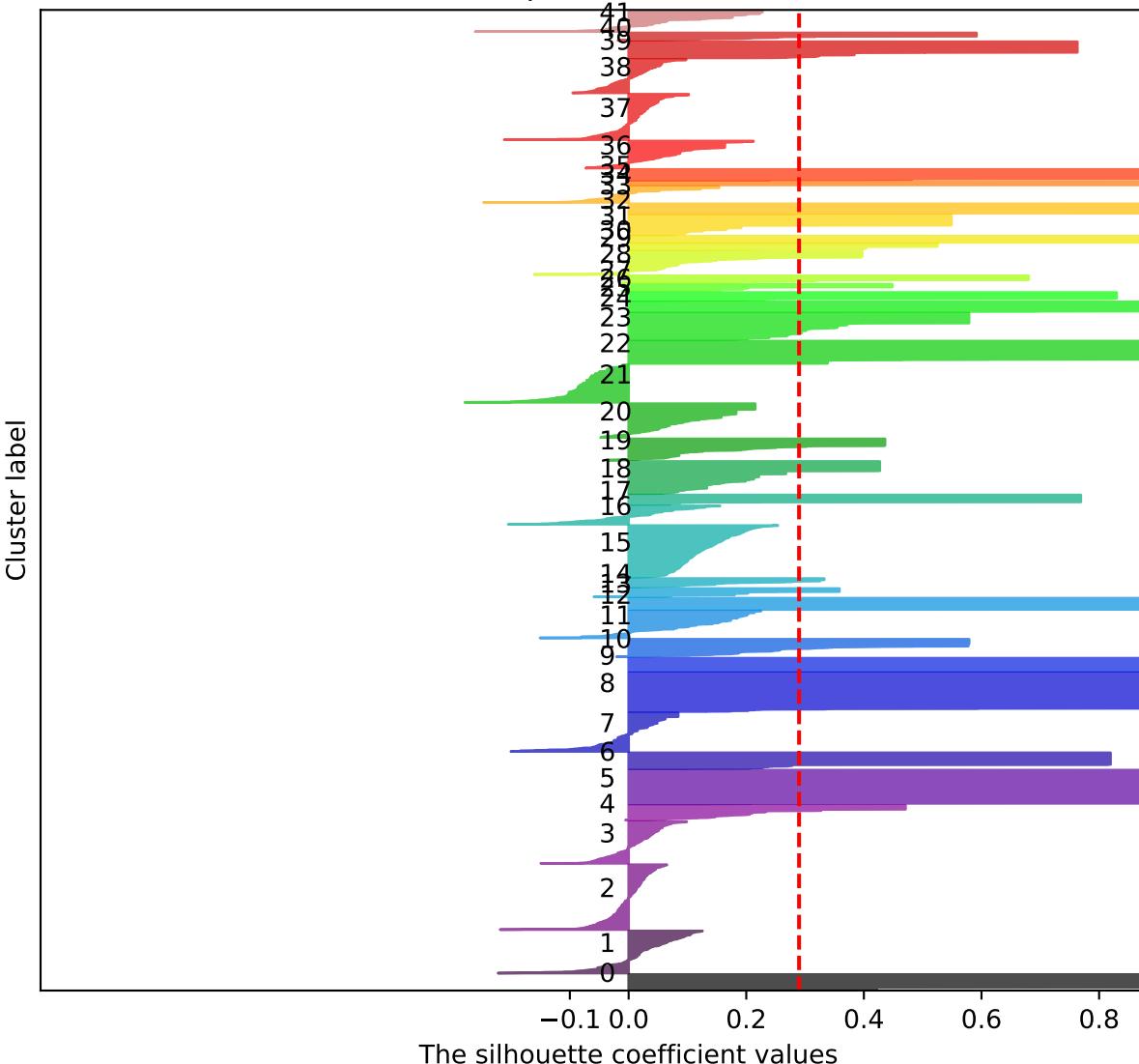


The visualization of the clustered data.

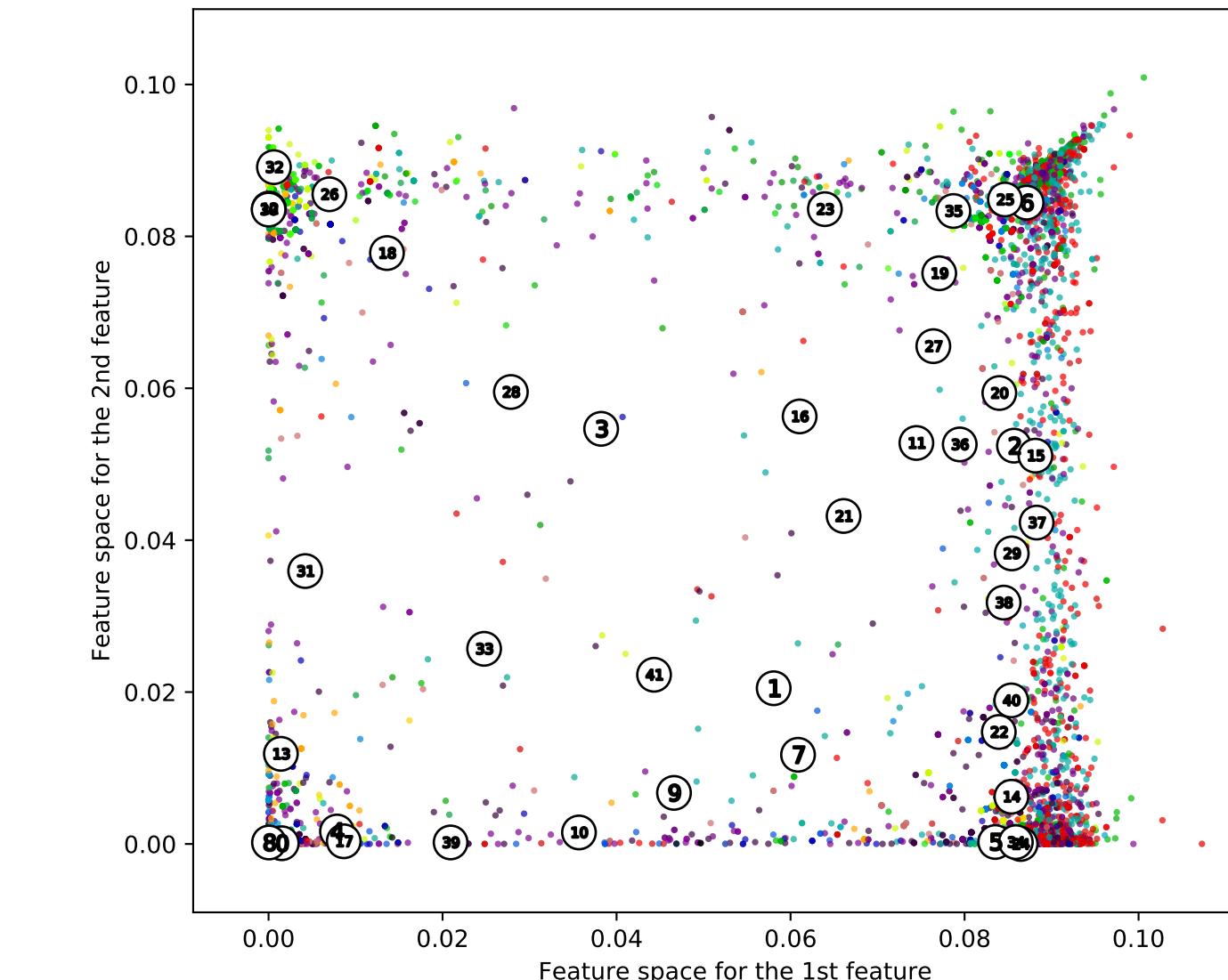


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 42 with Average Silhouette of: 0.28981226682662964

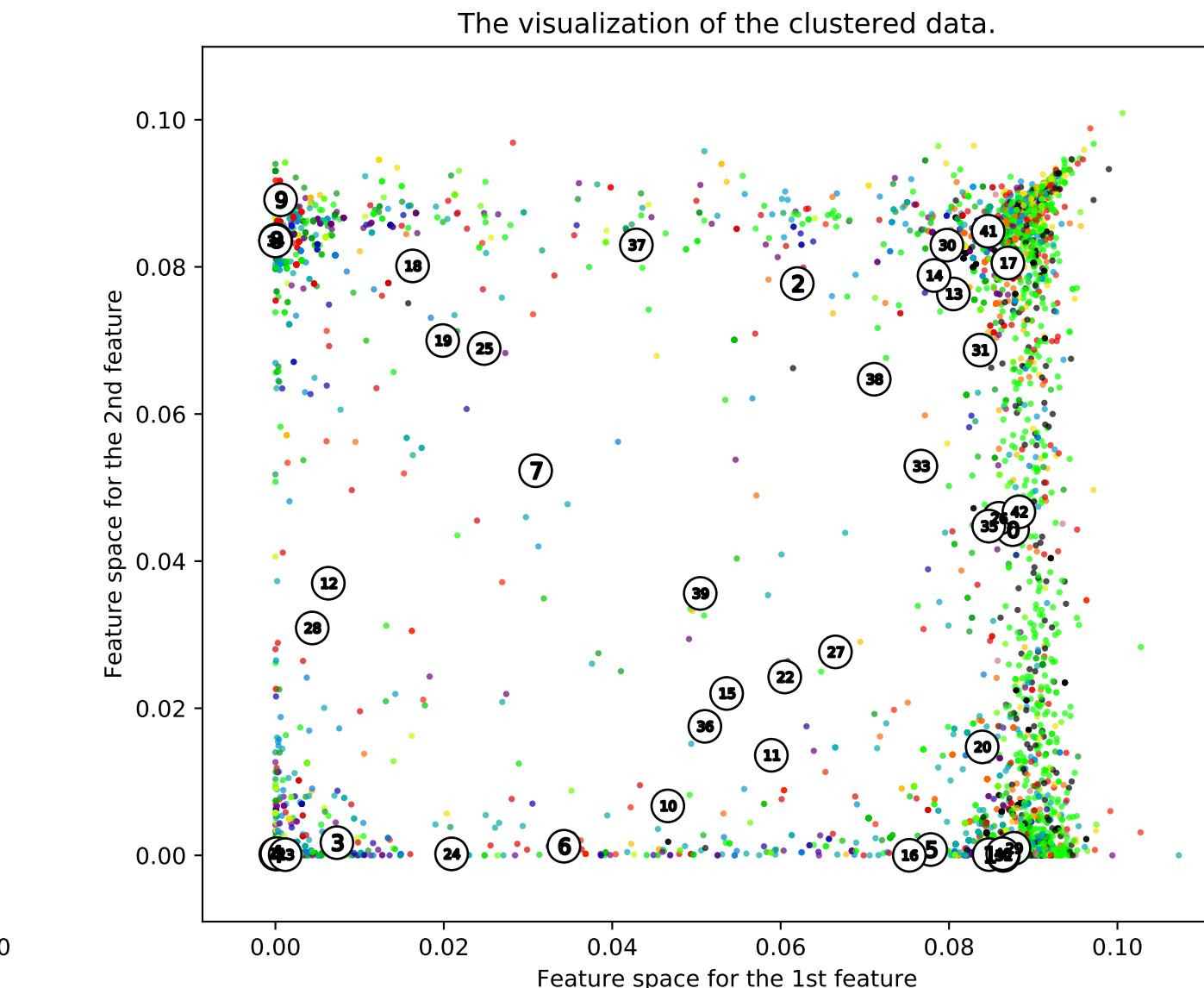
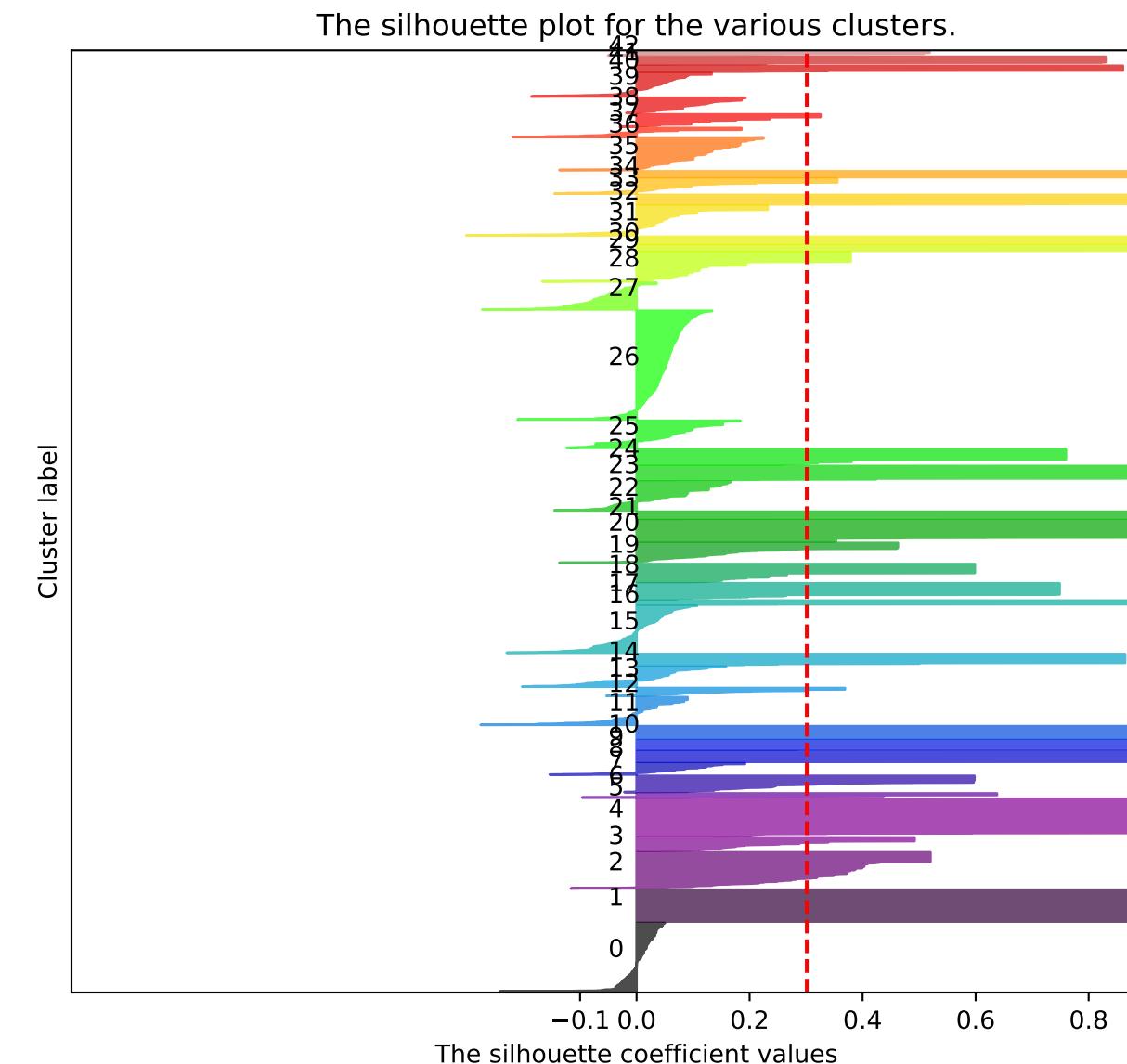
The silhouette plot for the various clusters.



The visualization of the clustered data.

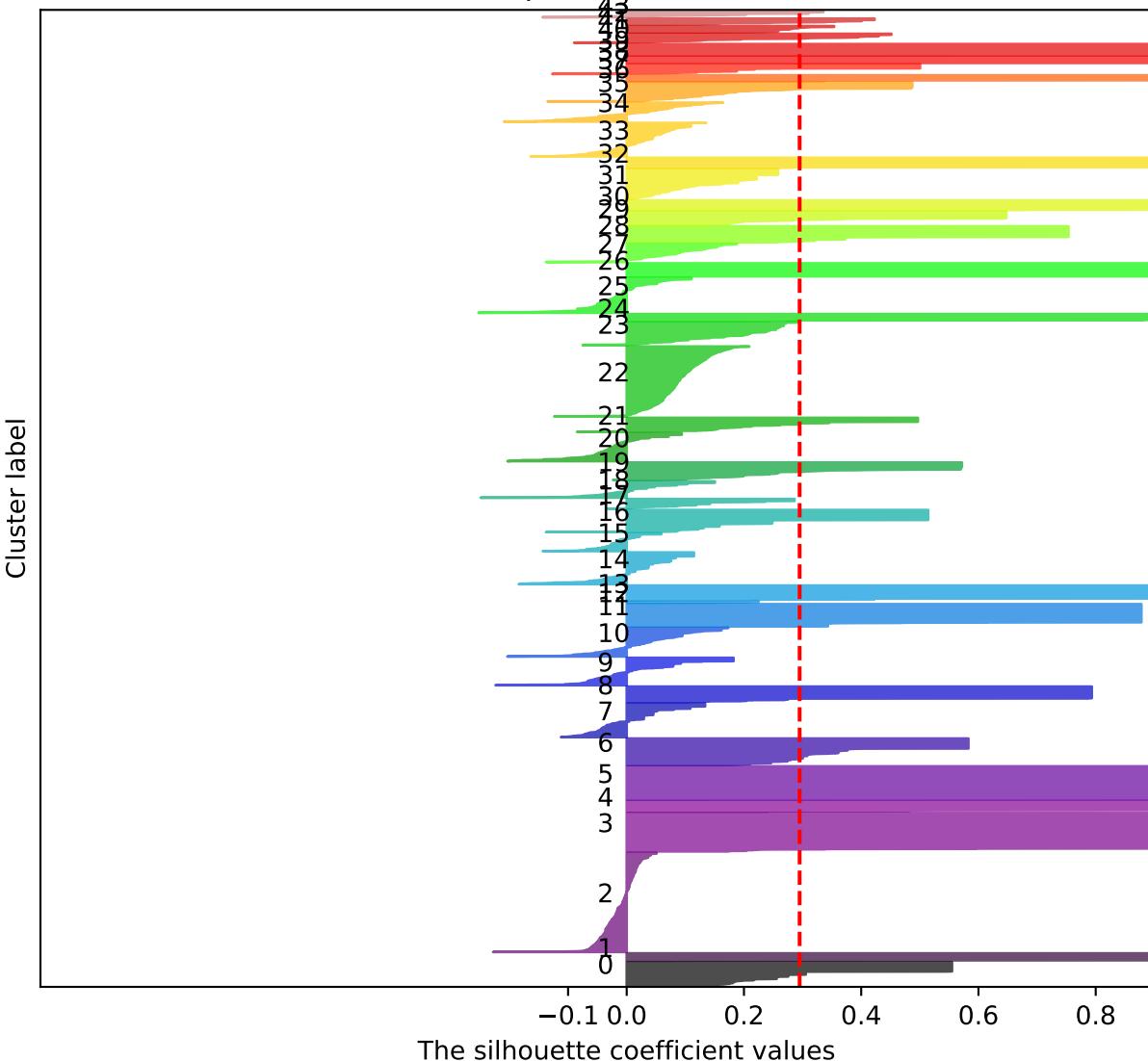


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 43 with Average Silhouette of: 0.30118483304977417

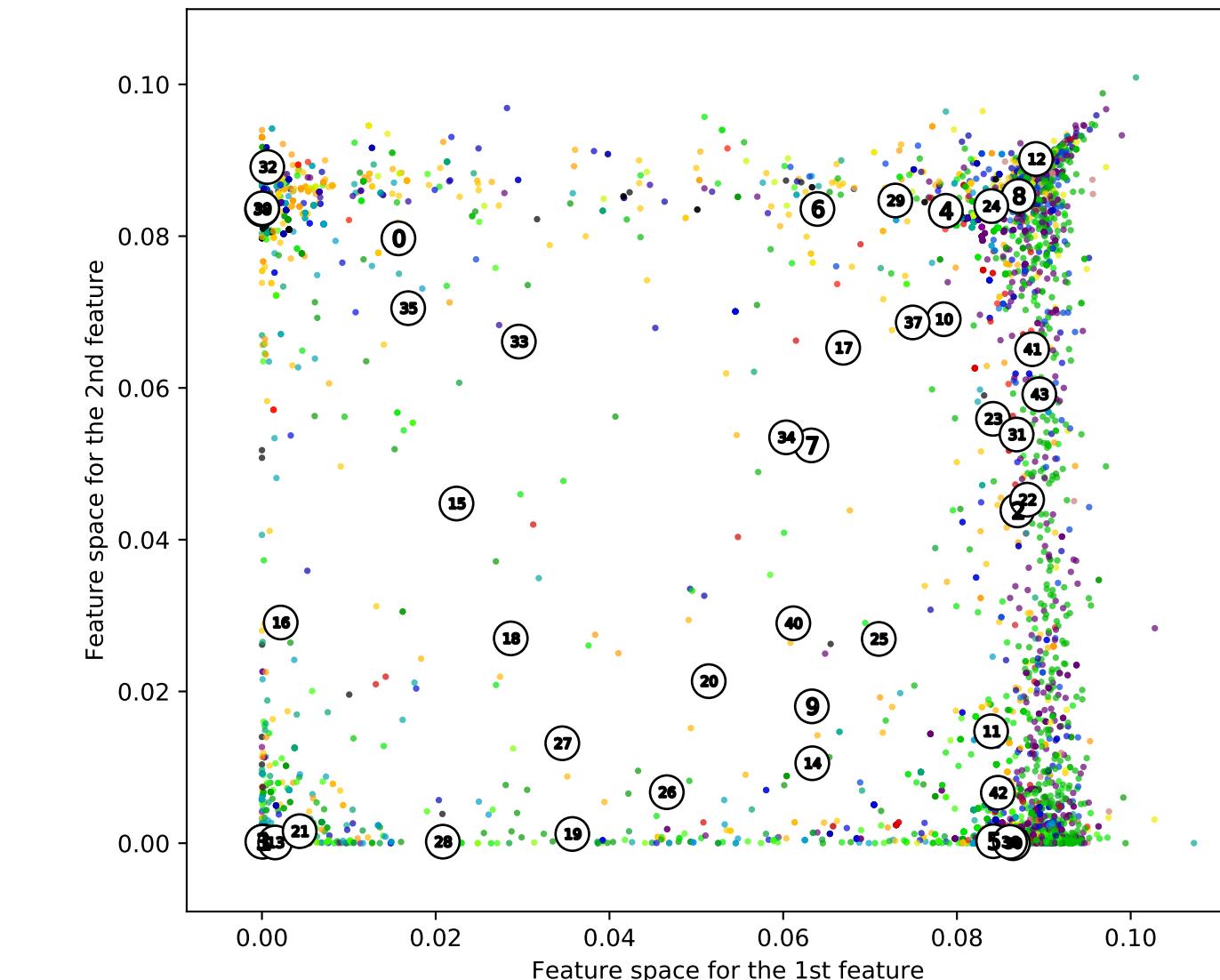


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 44 with Average Silhouette of: 0.29499372839927673

The silhouette plot for the various clusters.

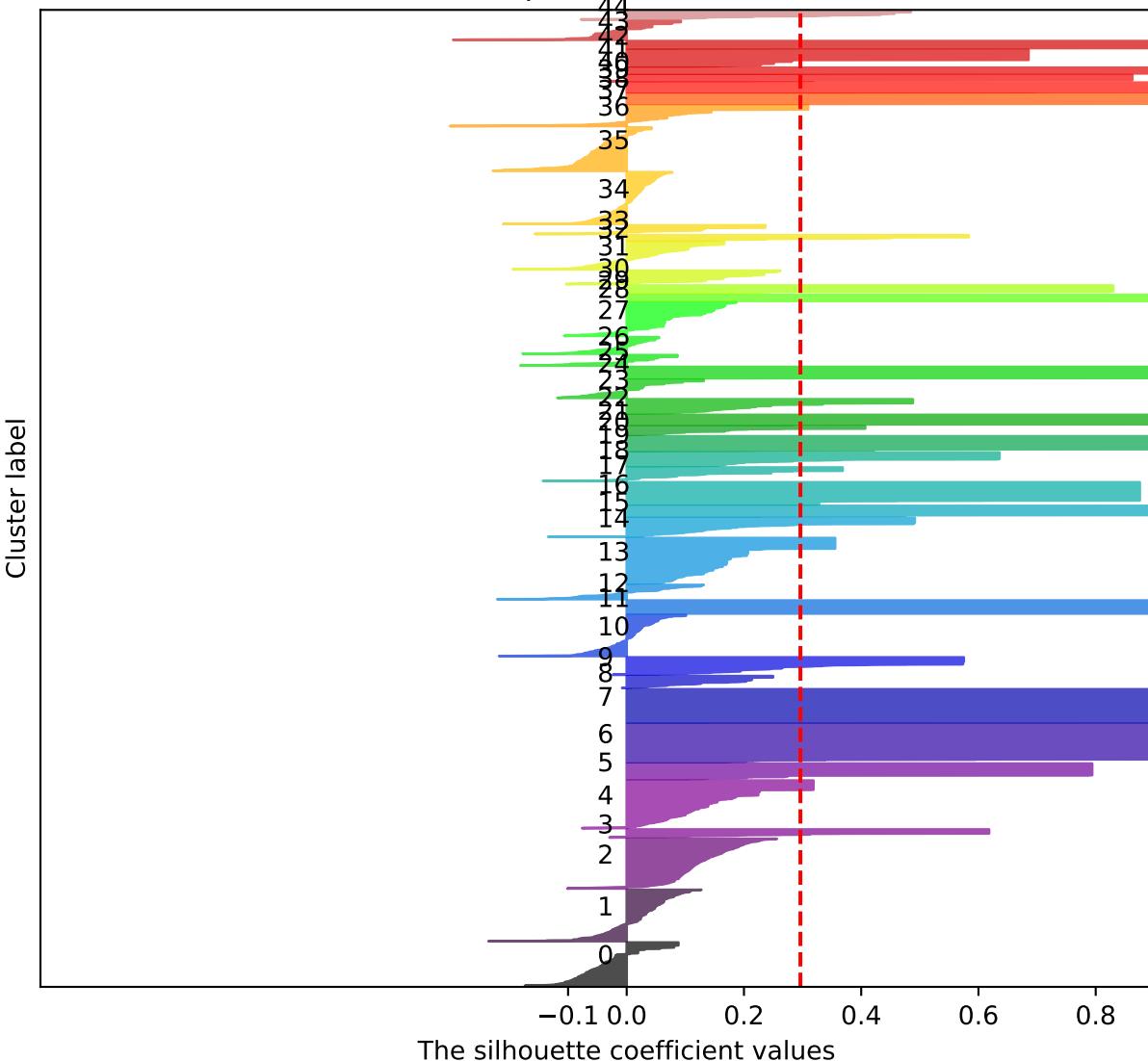


The visualization of the clustered data.

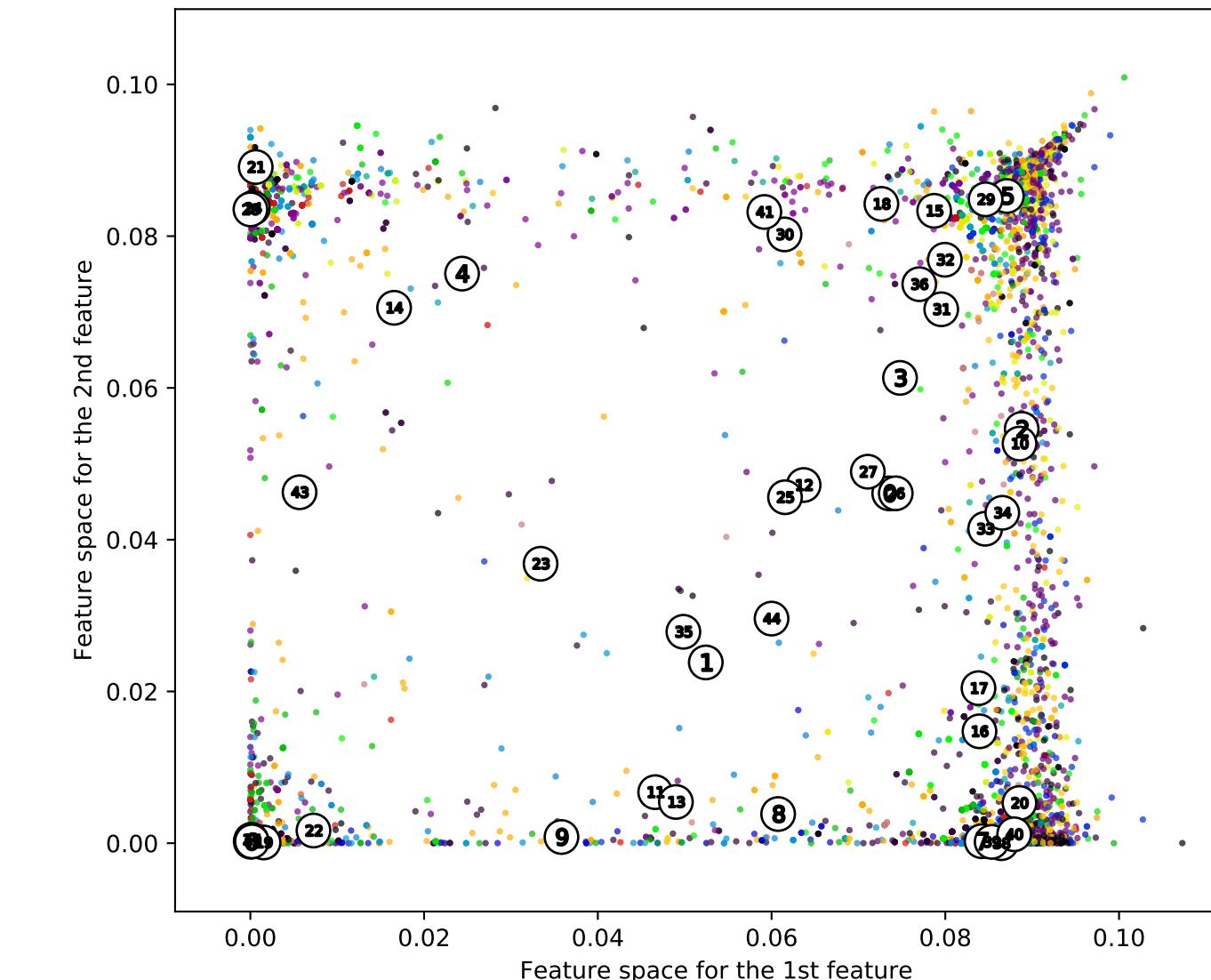


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 45 with Average Silhouette of: 0.2962530255317688

The silhouette plot for the various clusters.

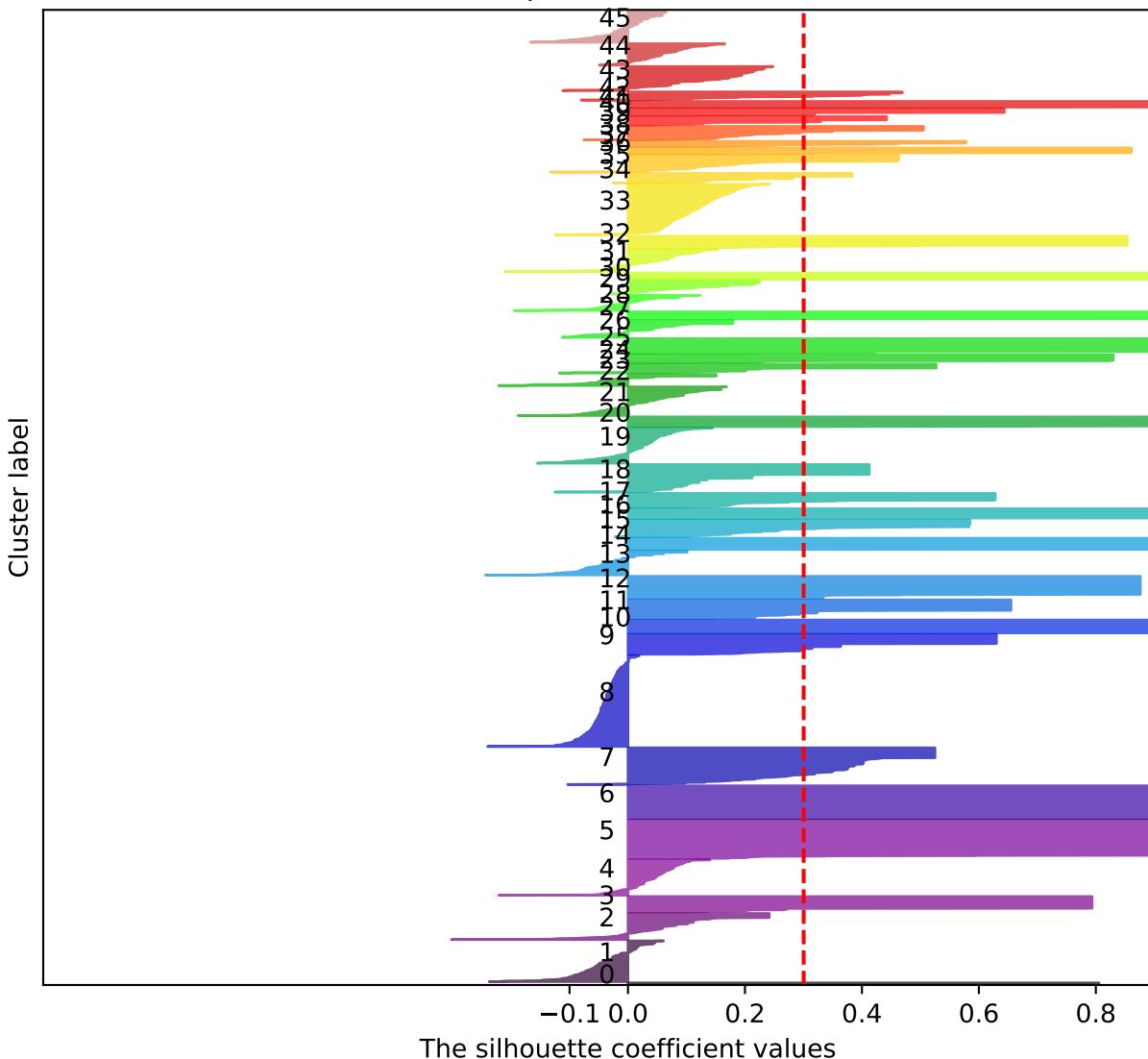


The visualization of the clustered data.

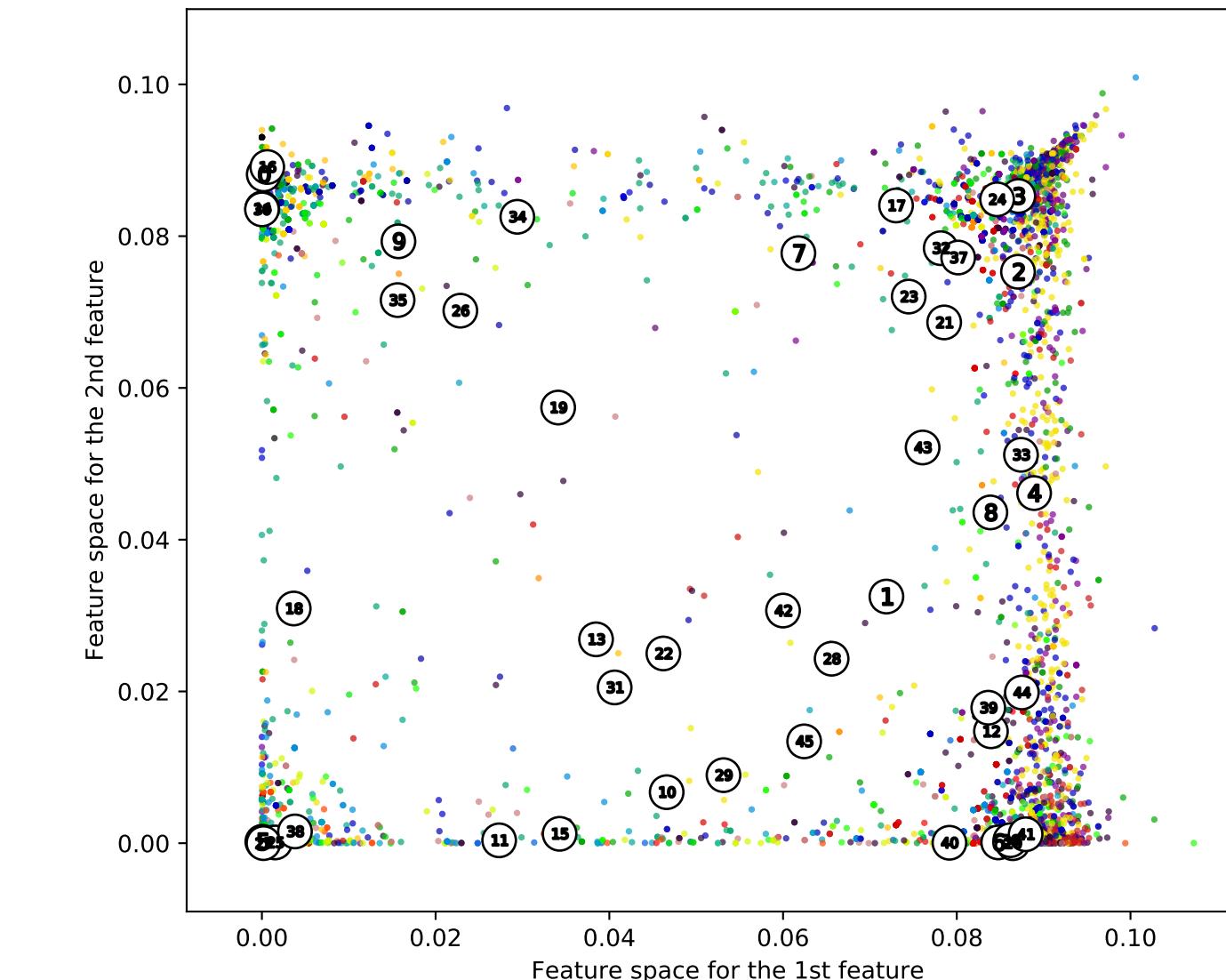


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 46 with Average Silhouette of: 0.30038973689079285

The silhouette plot for the various clusters.

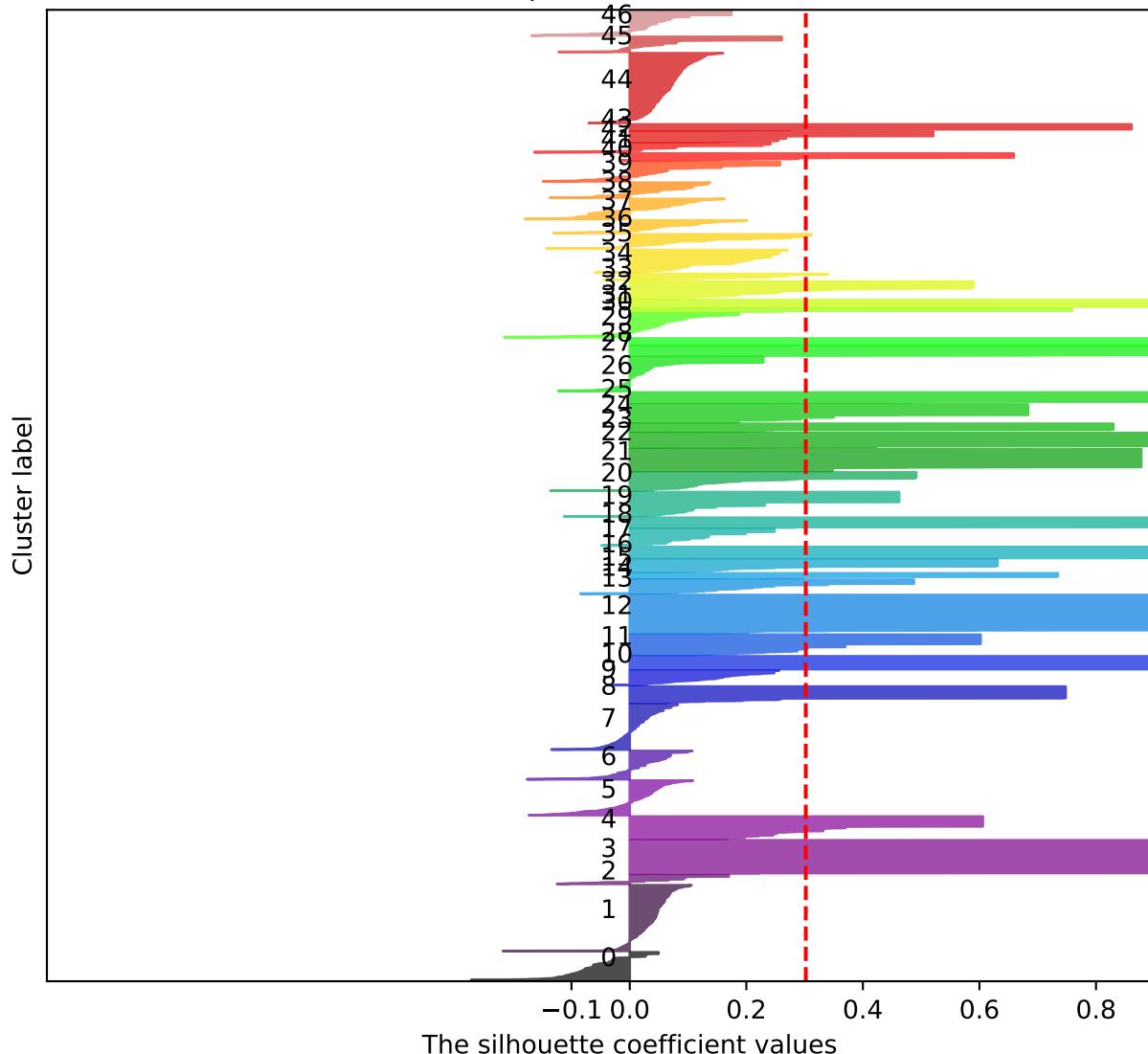


The visualization of the clustered data.

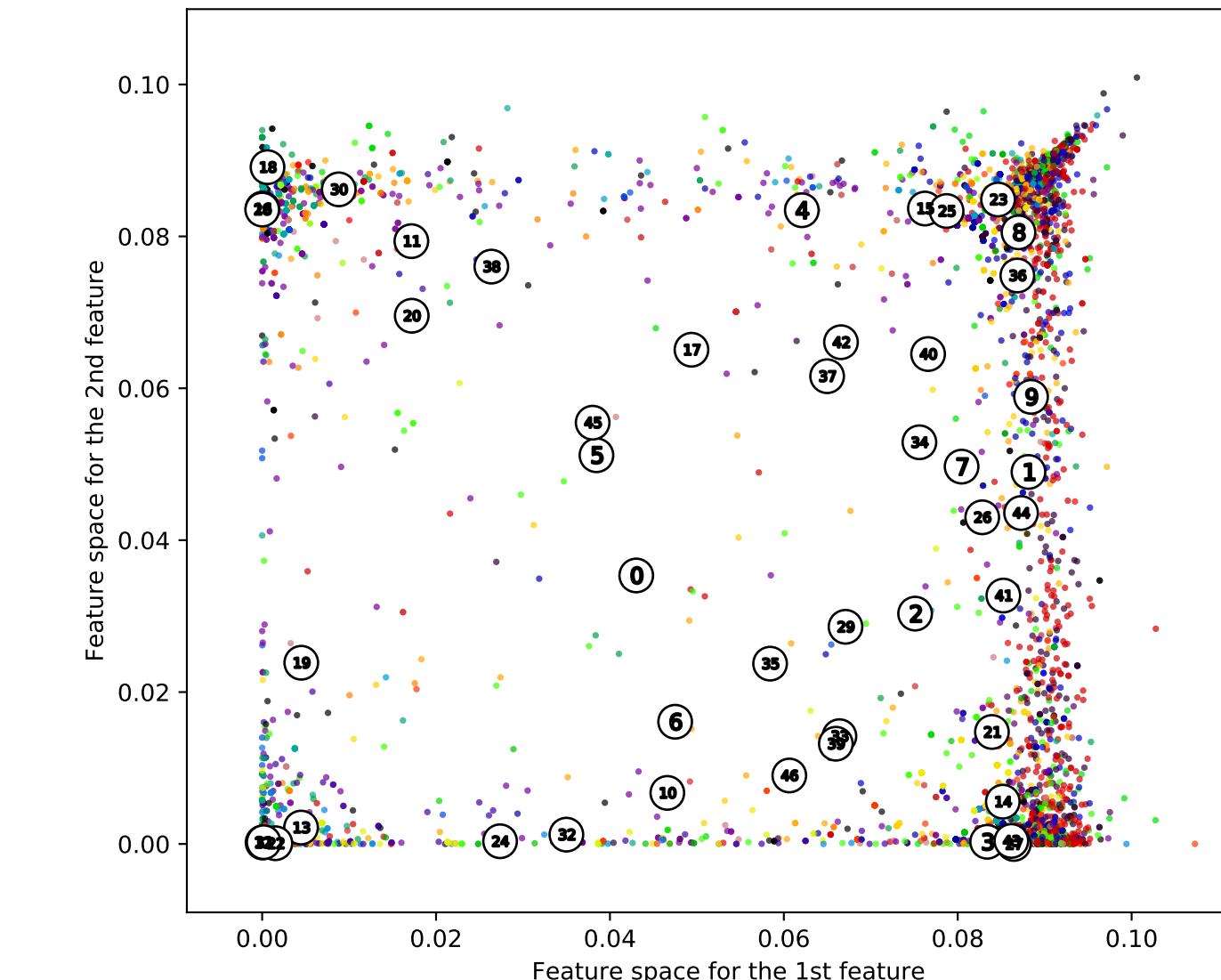


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 47 with Average Silhouette of: 0.3020187020301819

The silhouette plot for the various clusters.

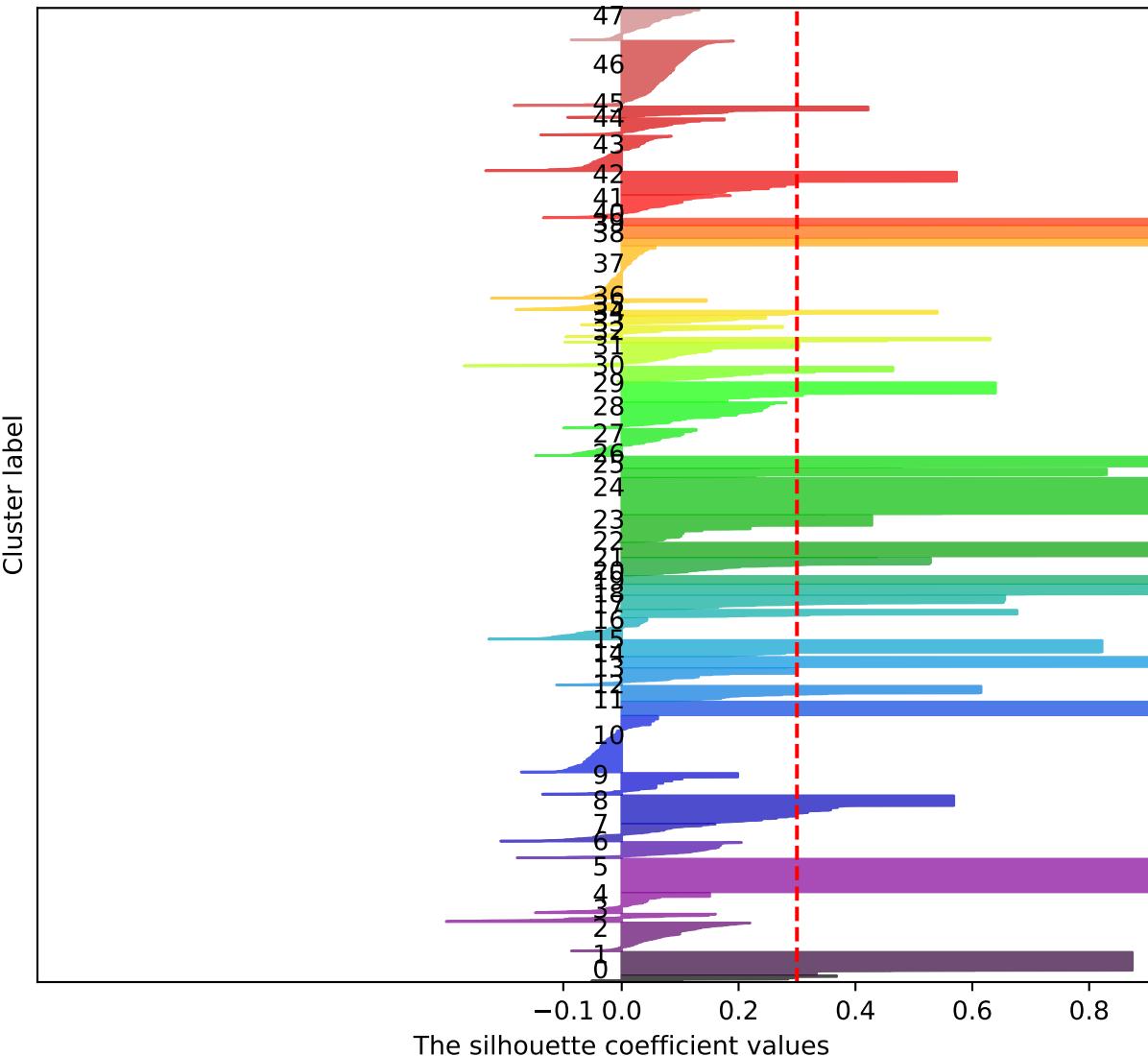


The visualization of the clustered data.

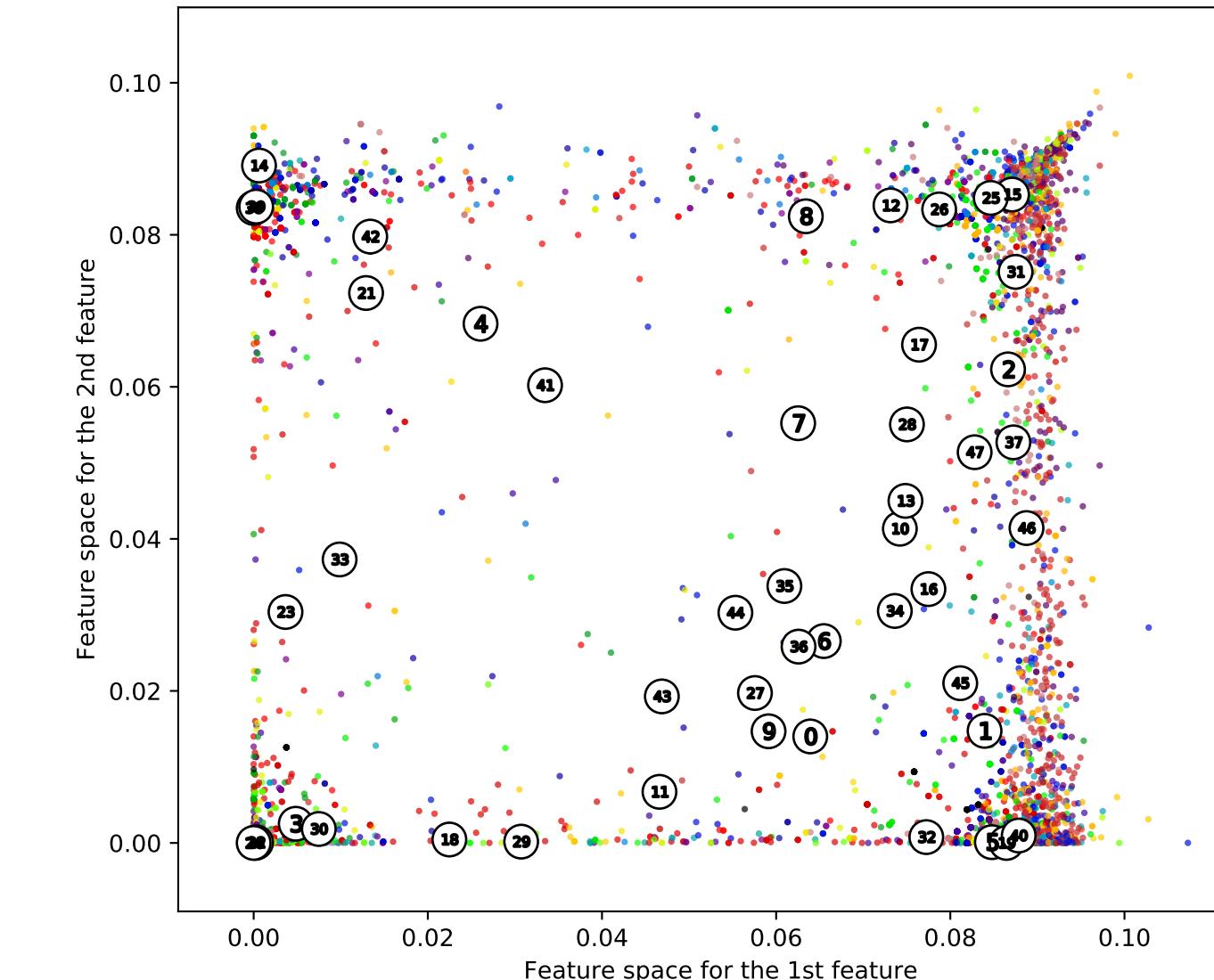


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 48 with Average Silhouette of: 0.29992279410362244

The silhouette plot for the various clusters.

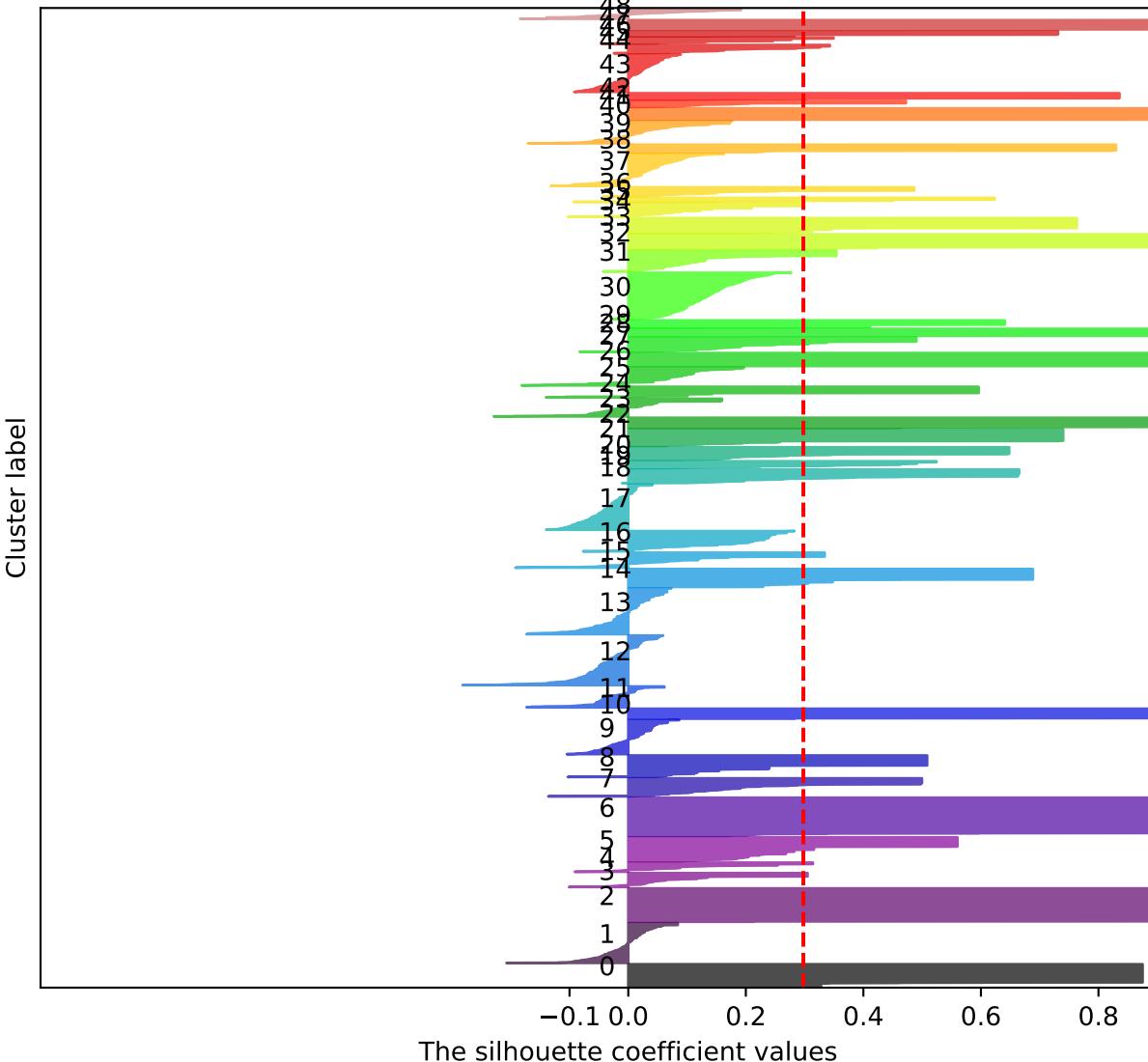


The visualization of the clustered data.

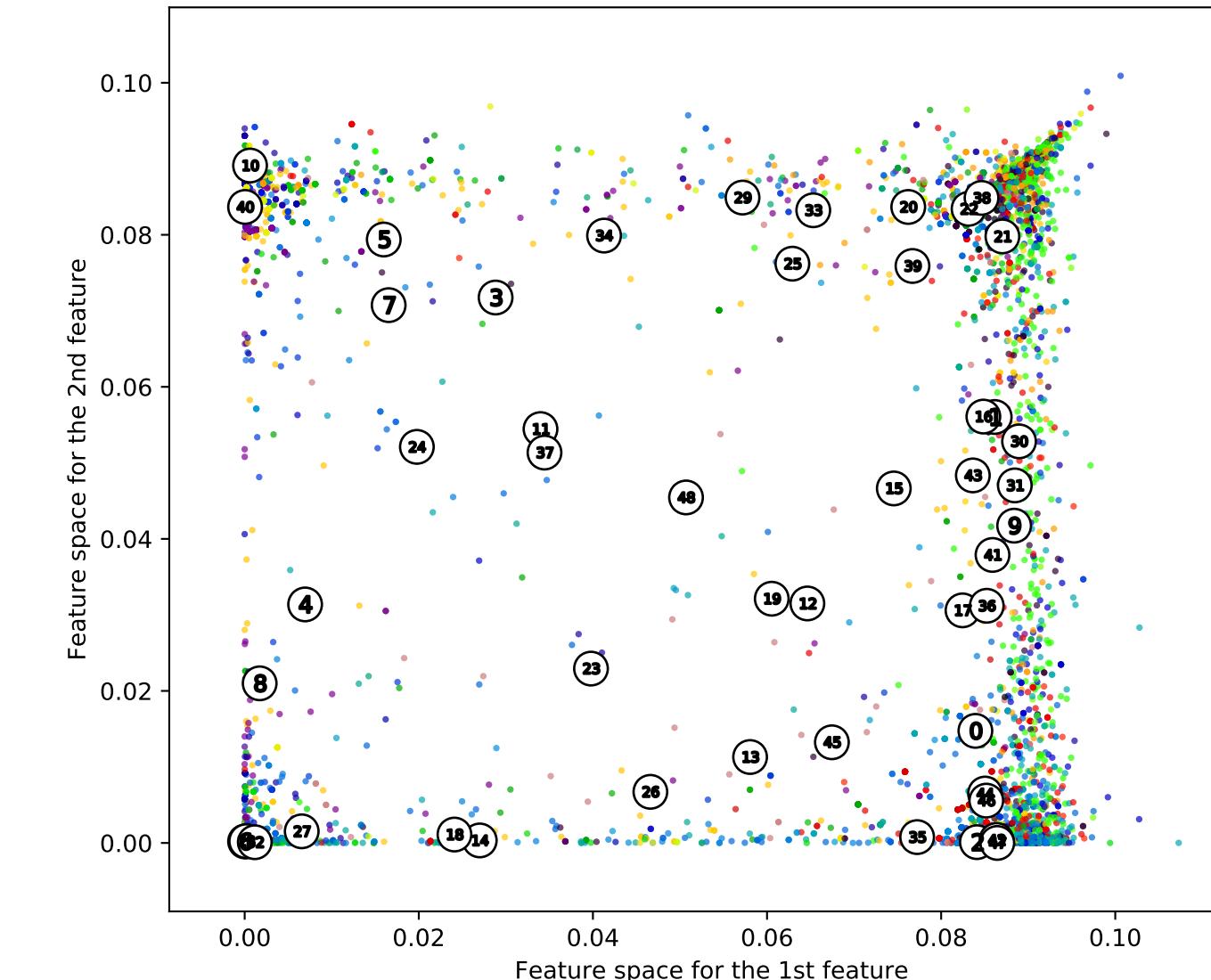


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 49 with Average Silhouette of: 0.29786601662635803

The silhouette plot for the various clusters.

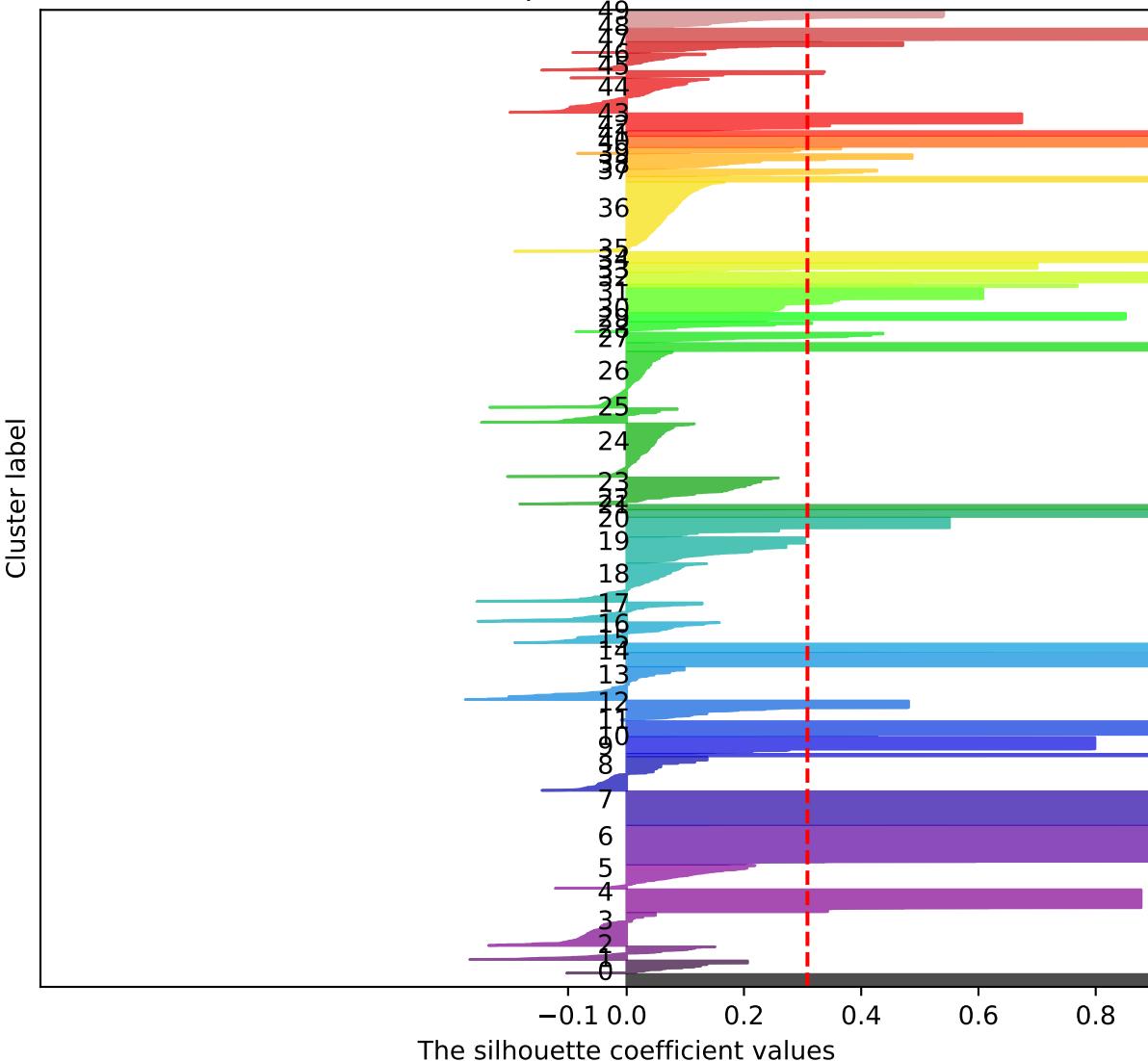


The visualization of the clustered data.

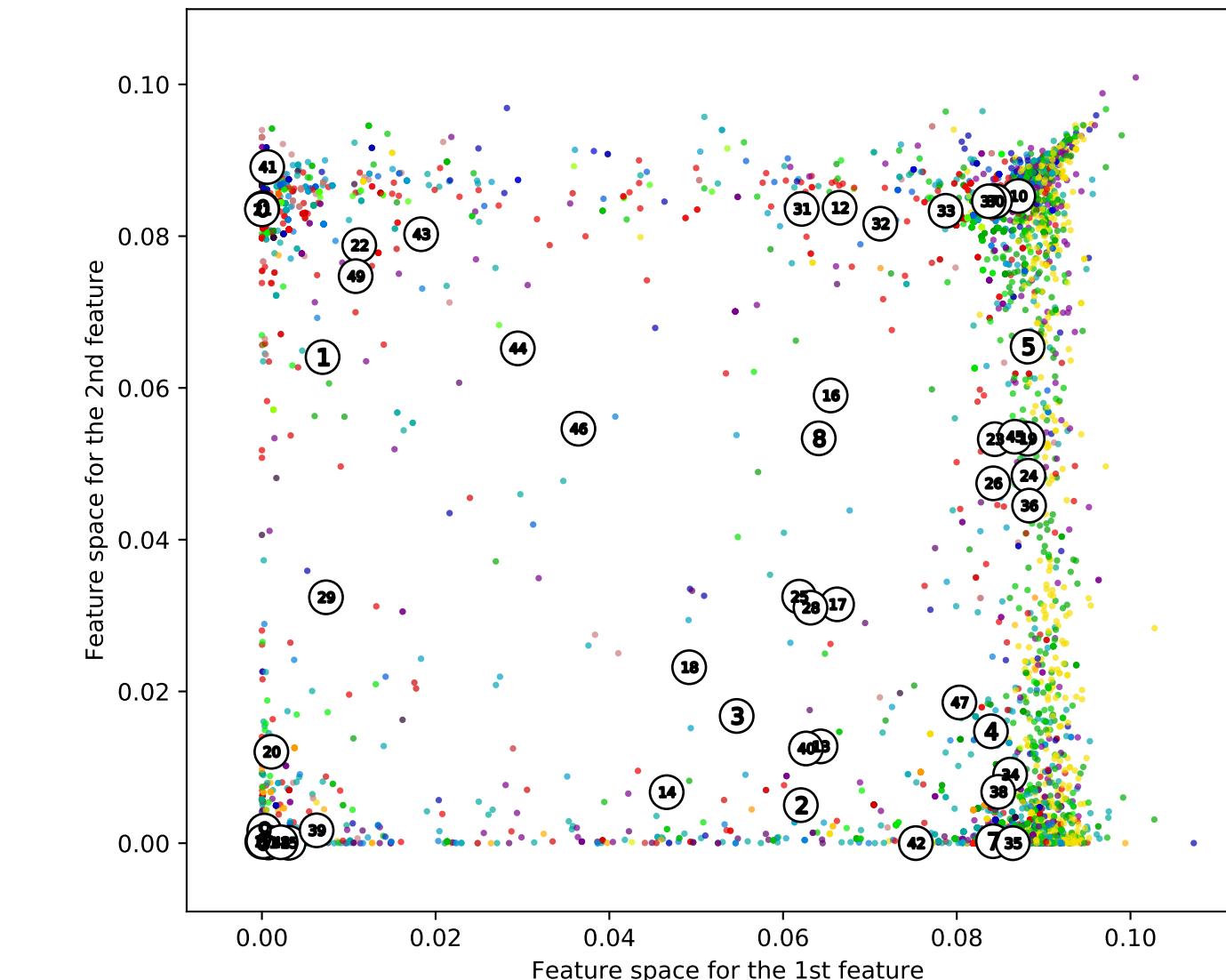


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 50 with Average Silhouette of: 0.30830854177474976

The silhouette plot for the various clusters.

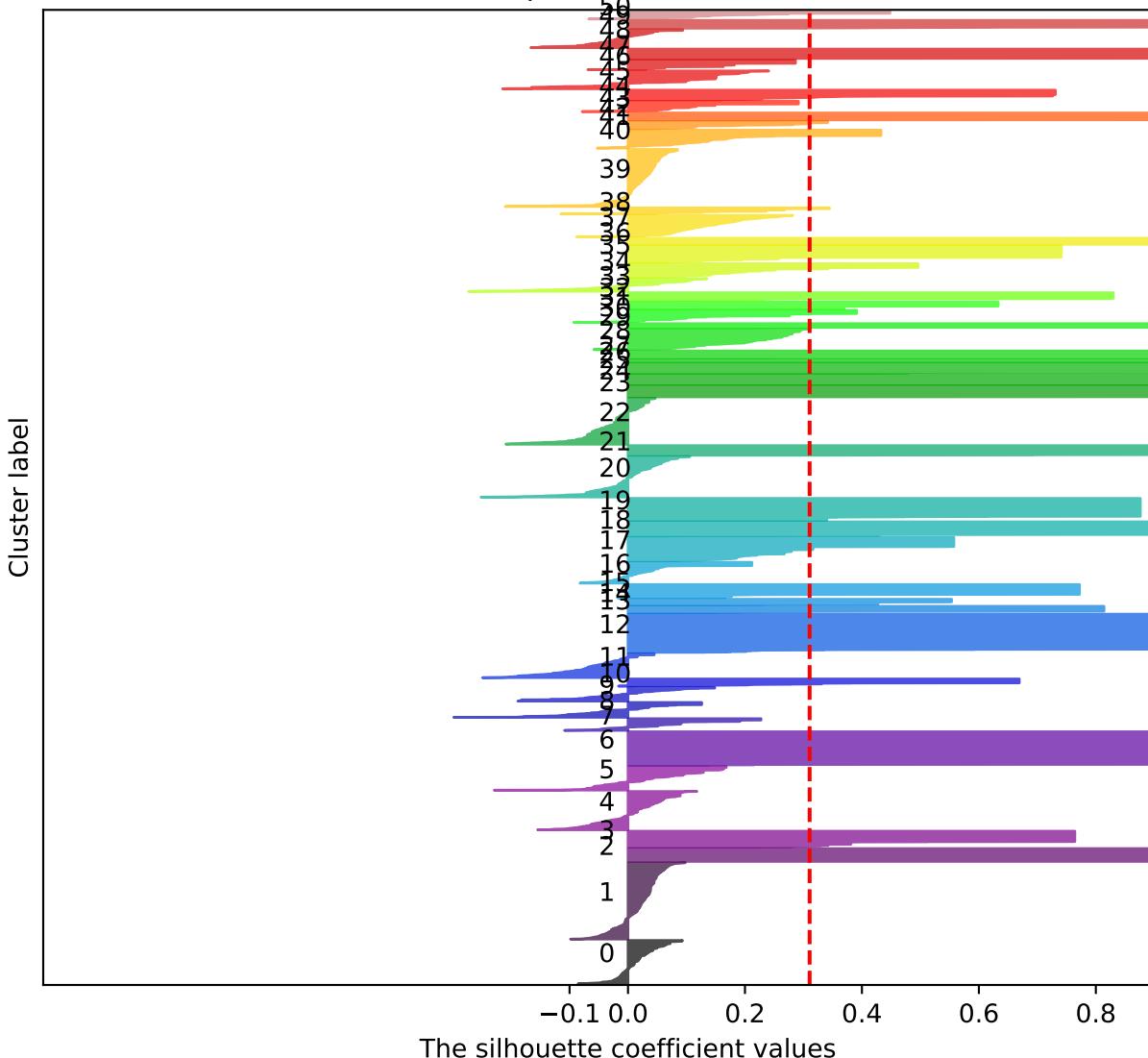


The visualization of the clustered data.

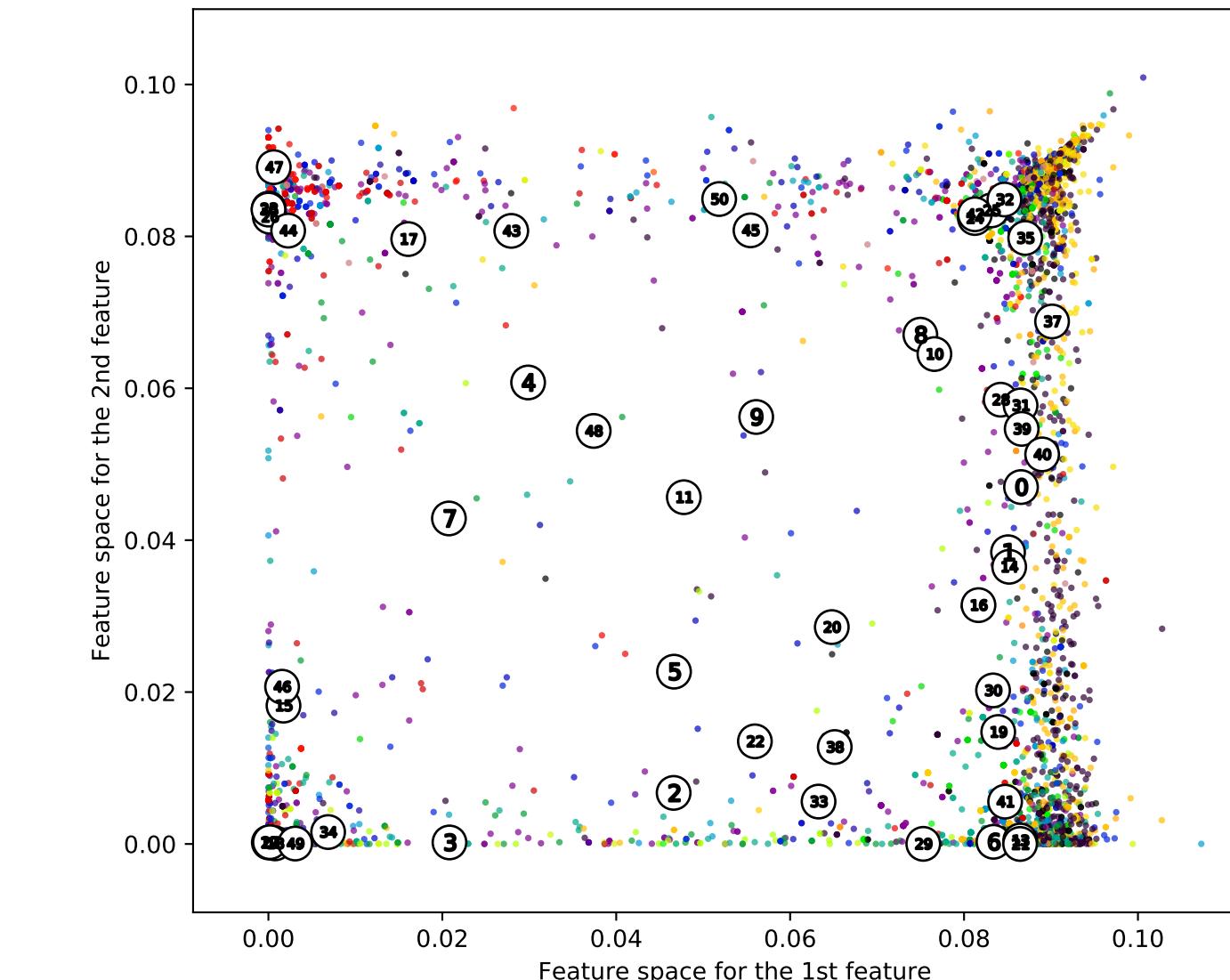


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 51 with Average Silhouette of: 0.31060153245925903

The silhouette plot for the various clusters.

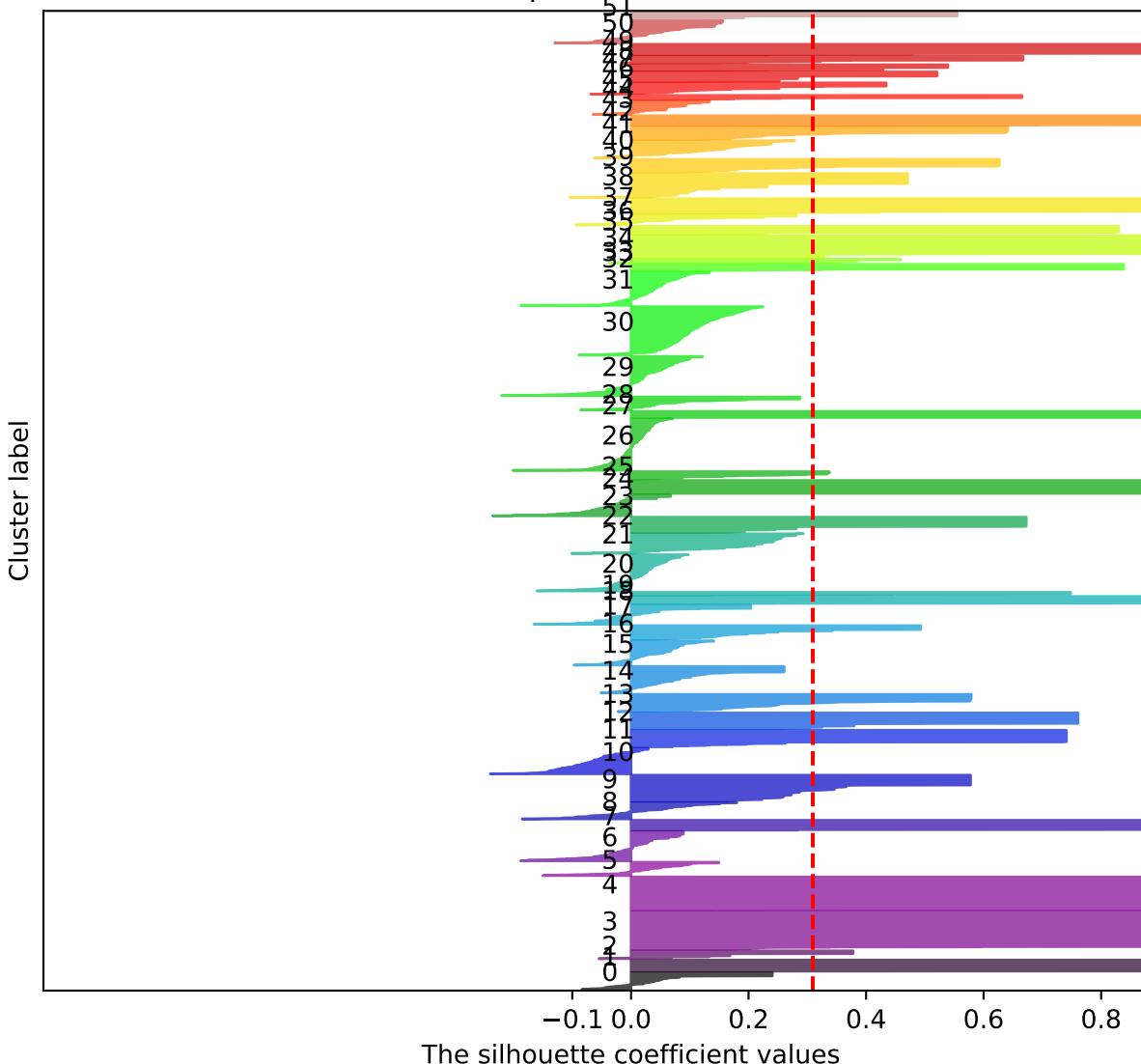


The visualization of the clustered data.

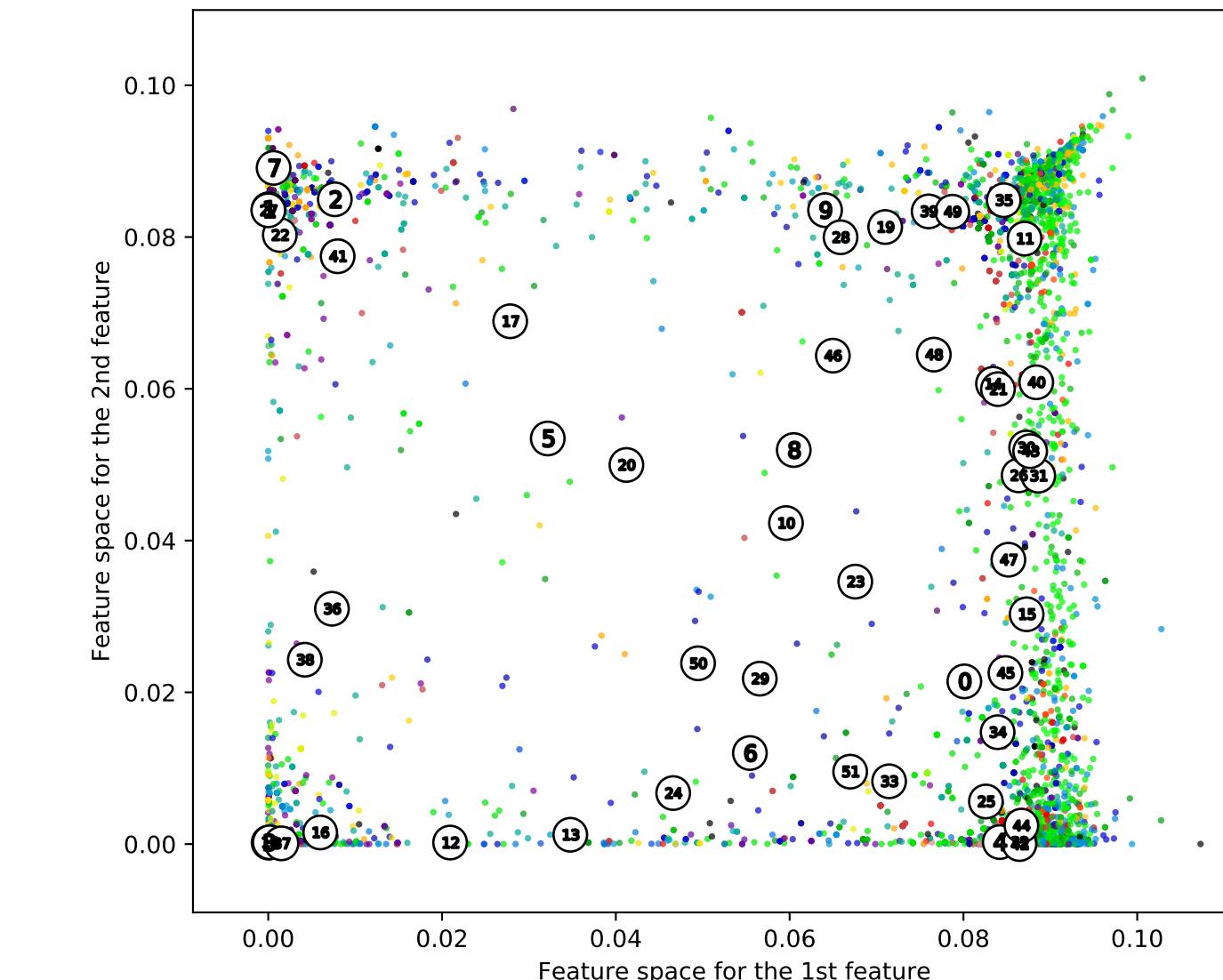


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 52 with Average Silhouette of: 0.3093162775039673

The silhouette plot for the various clusters.

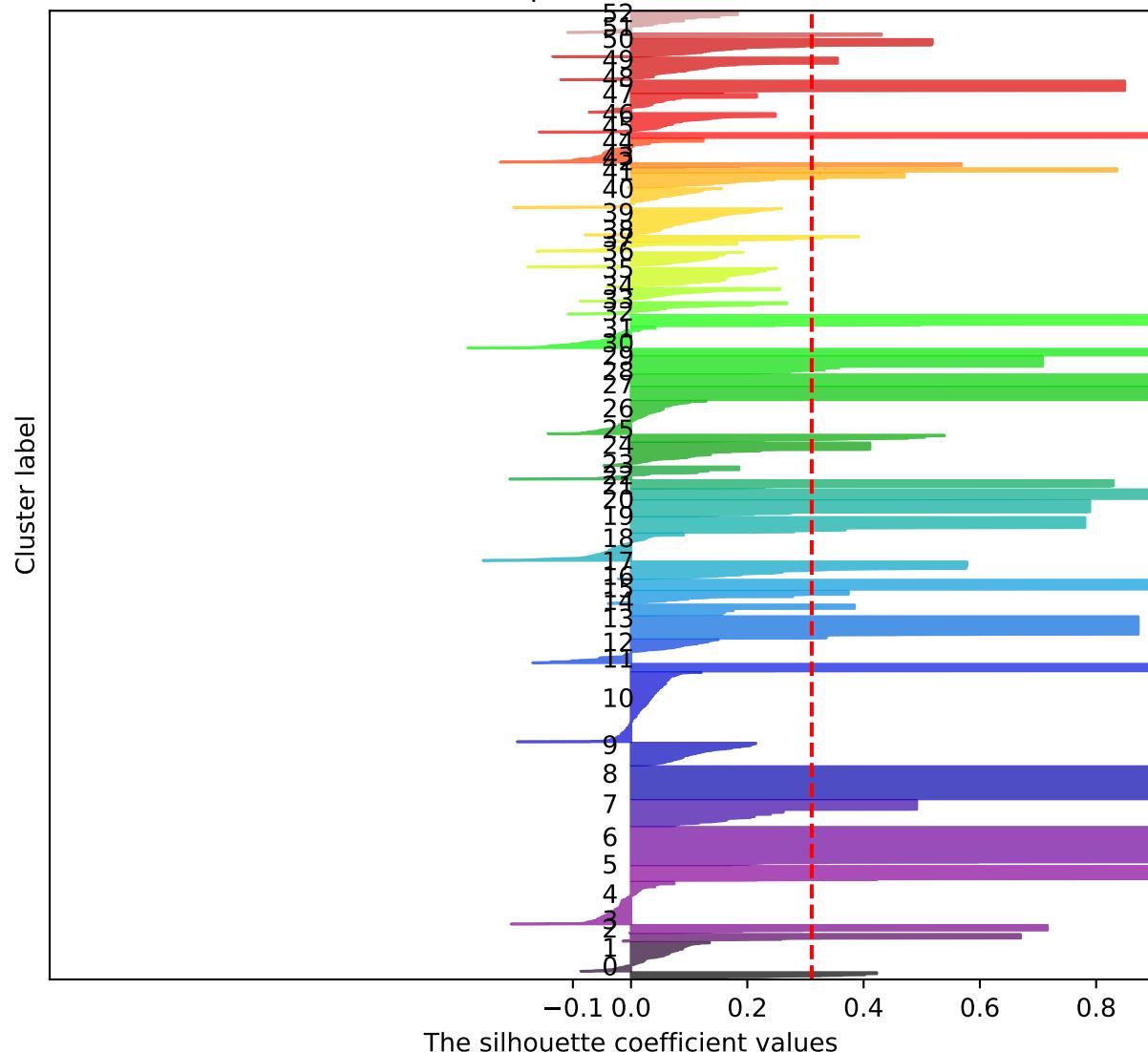


The visualization of the clustered data.

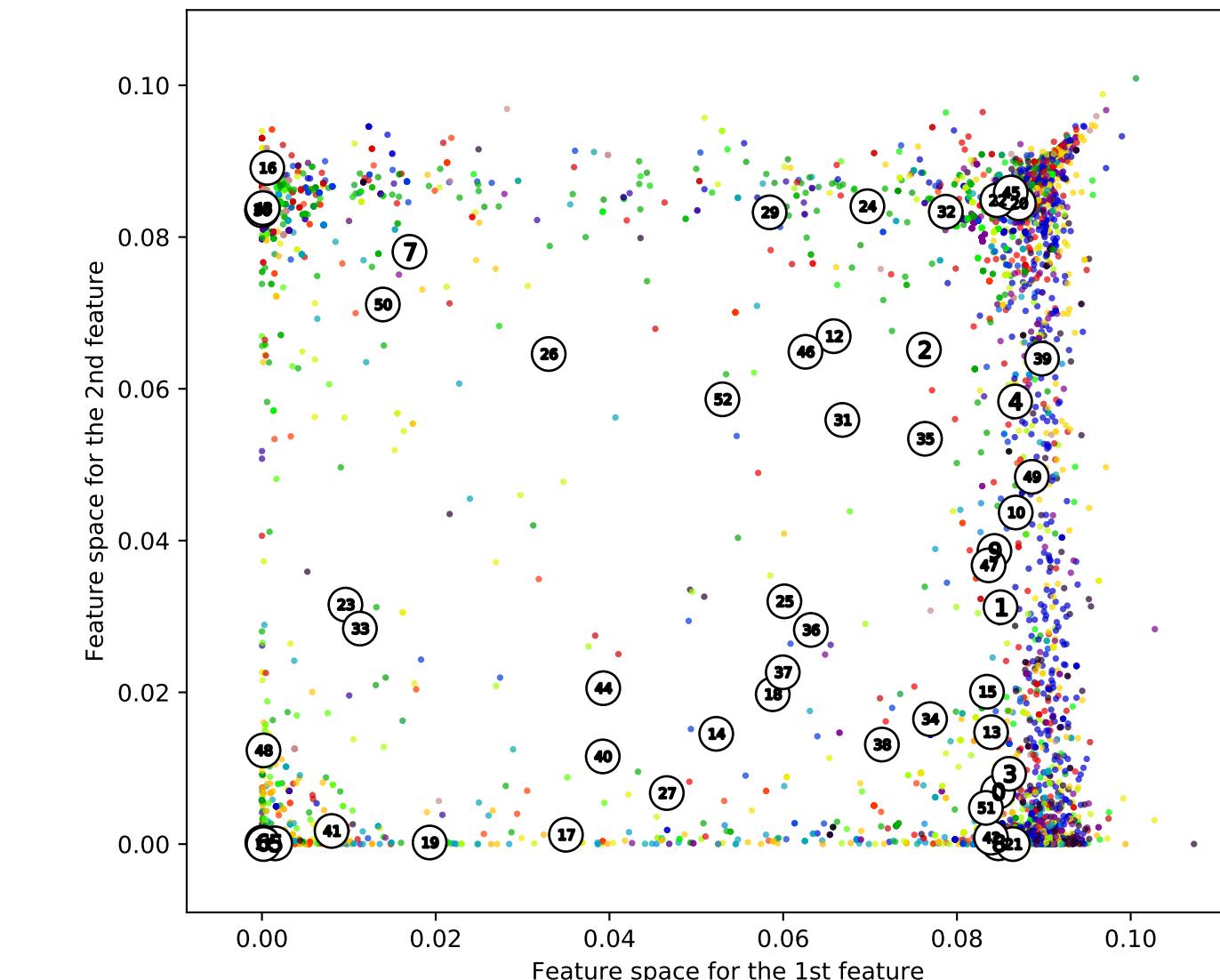


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 53 with Average Silhouette of: 0.3107739984989166

The silhouette plot for the various clusters.

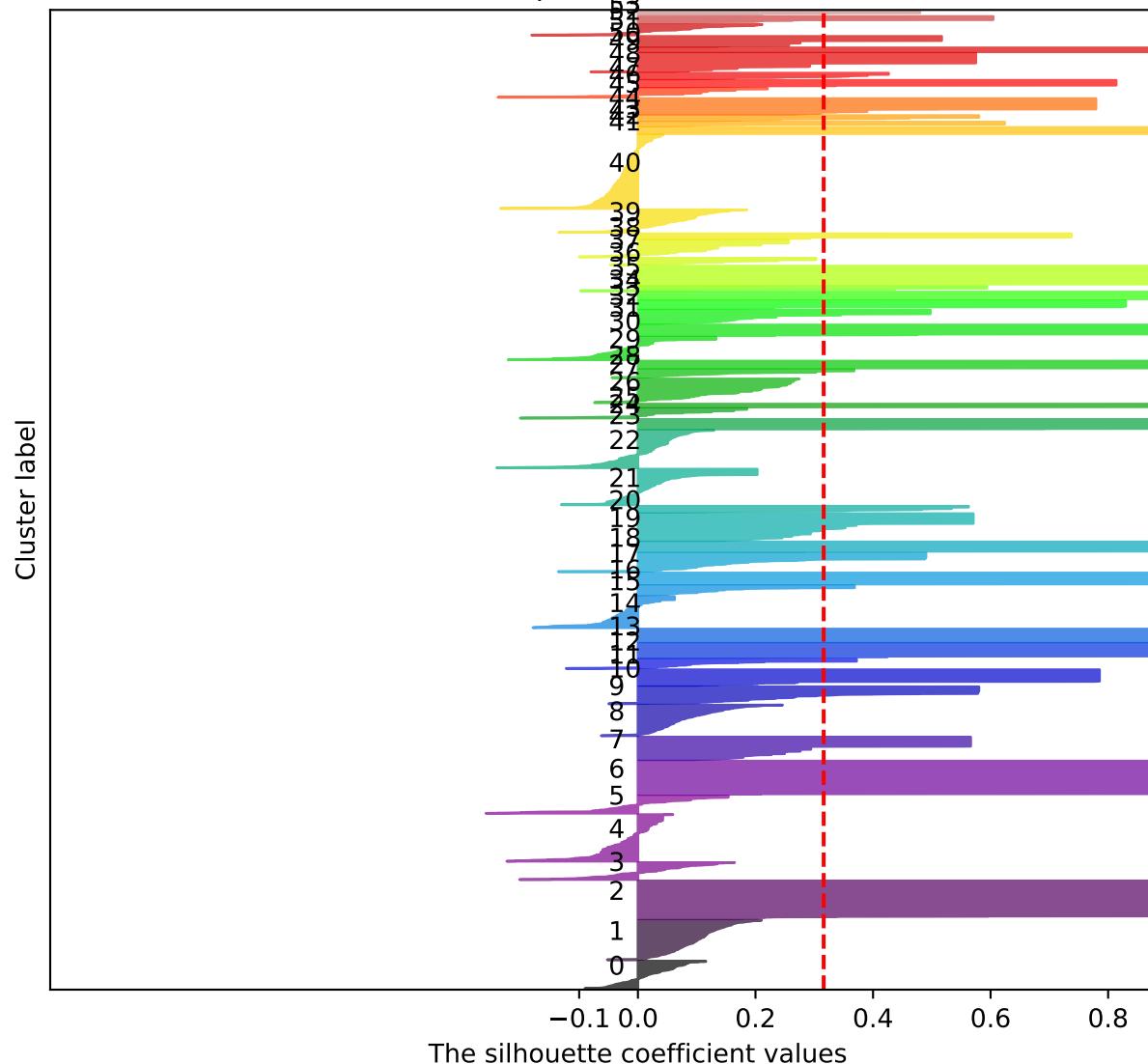


The visualization of the clustered data.

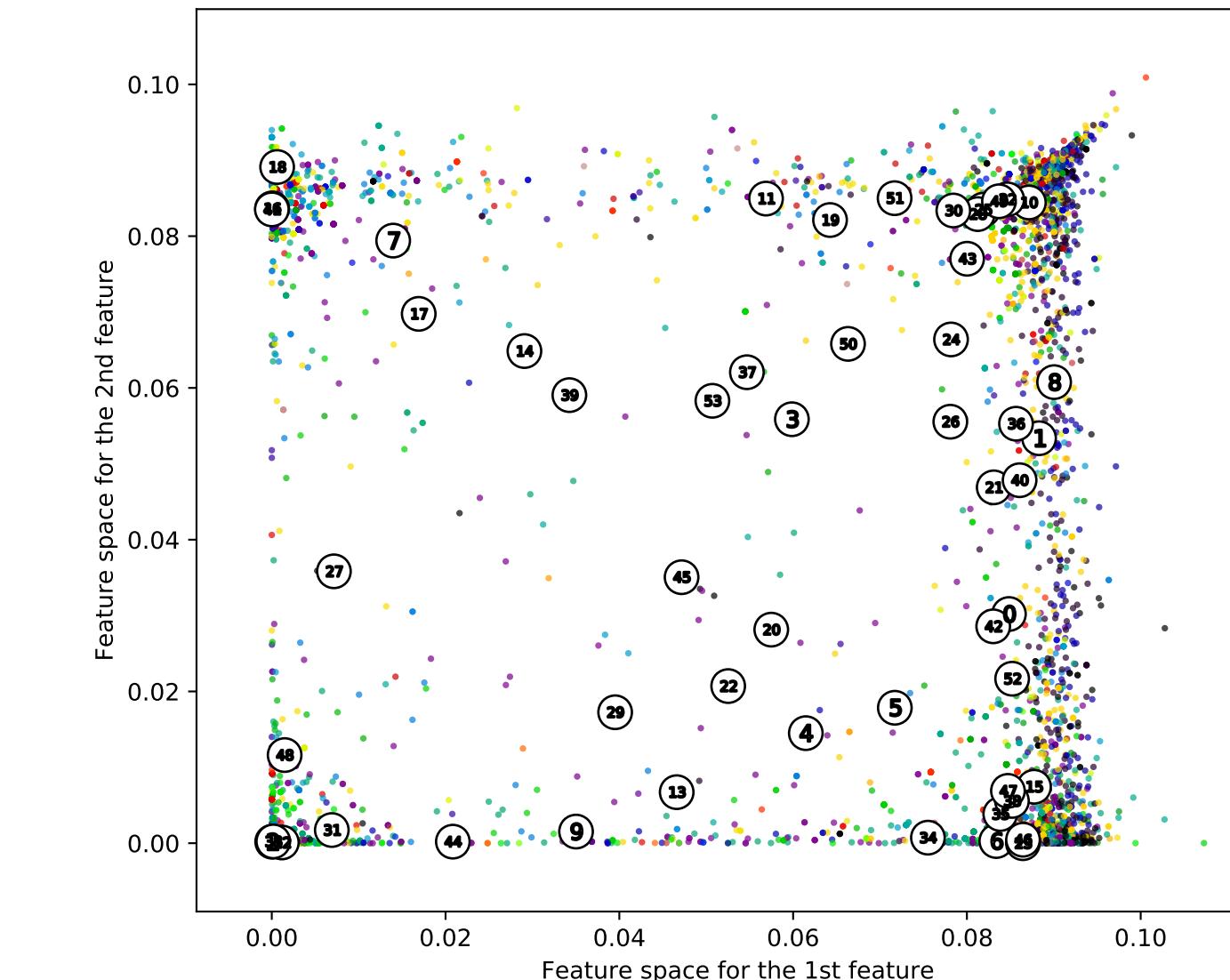


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 54 with Average Silhouette of: 0.31602129340171814

The silhouette plot for the various clusters.

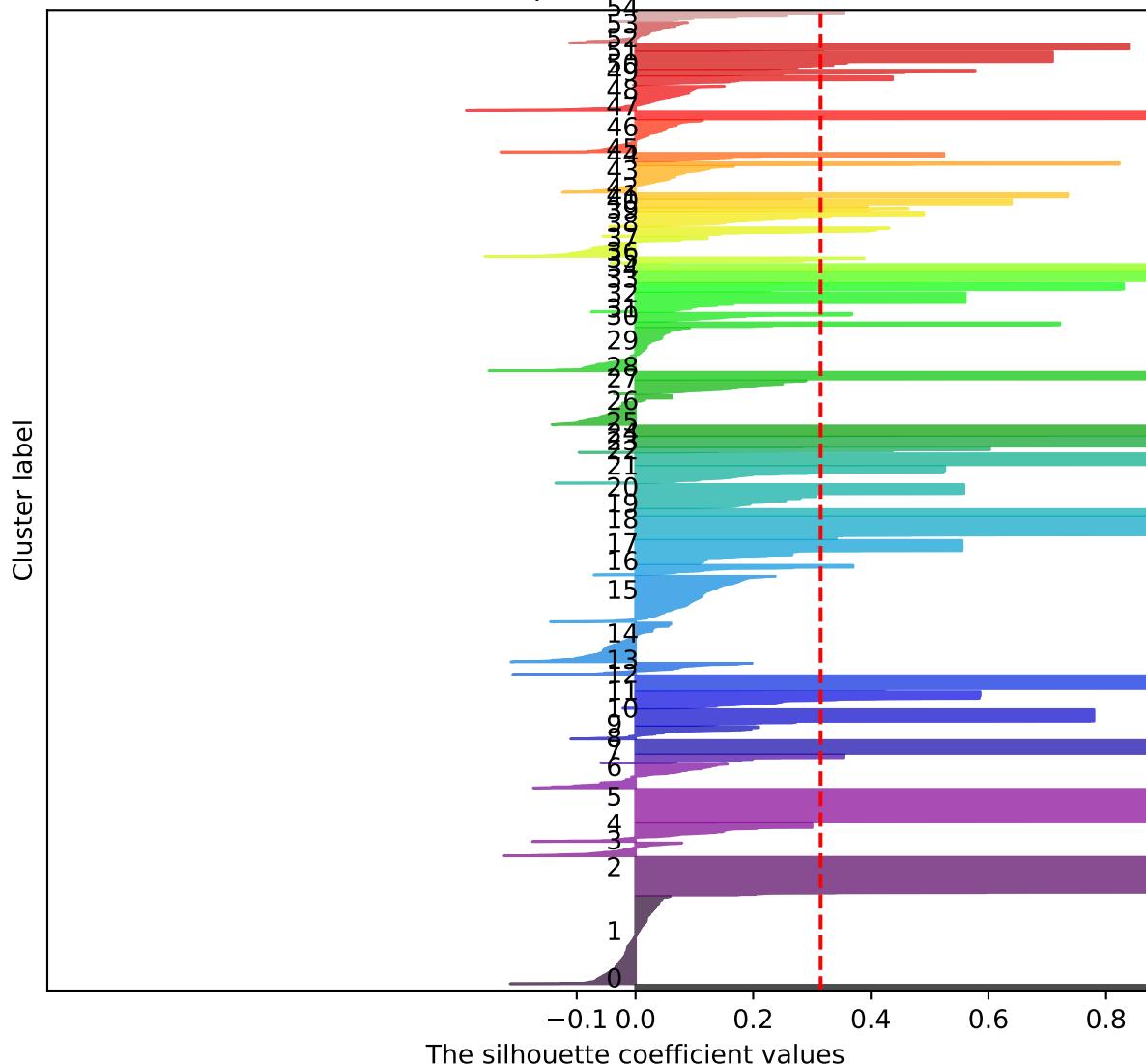


The visualization of the clustered data.

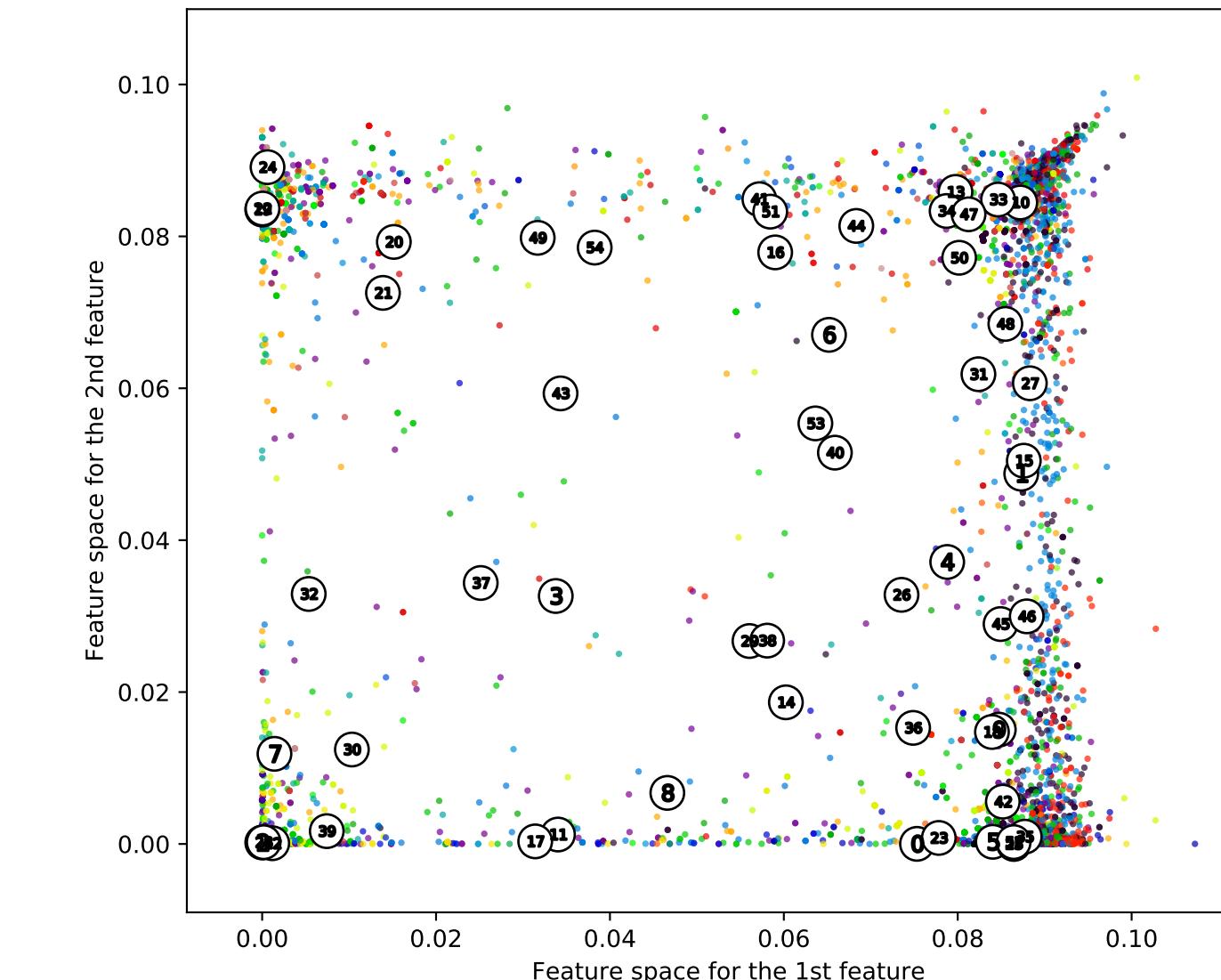


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 55 with Average Silhouette of: 0.3147296905517578

The silhouette plot for the various clusters.

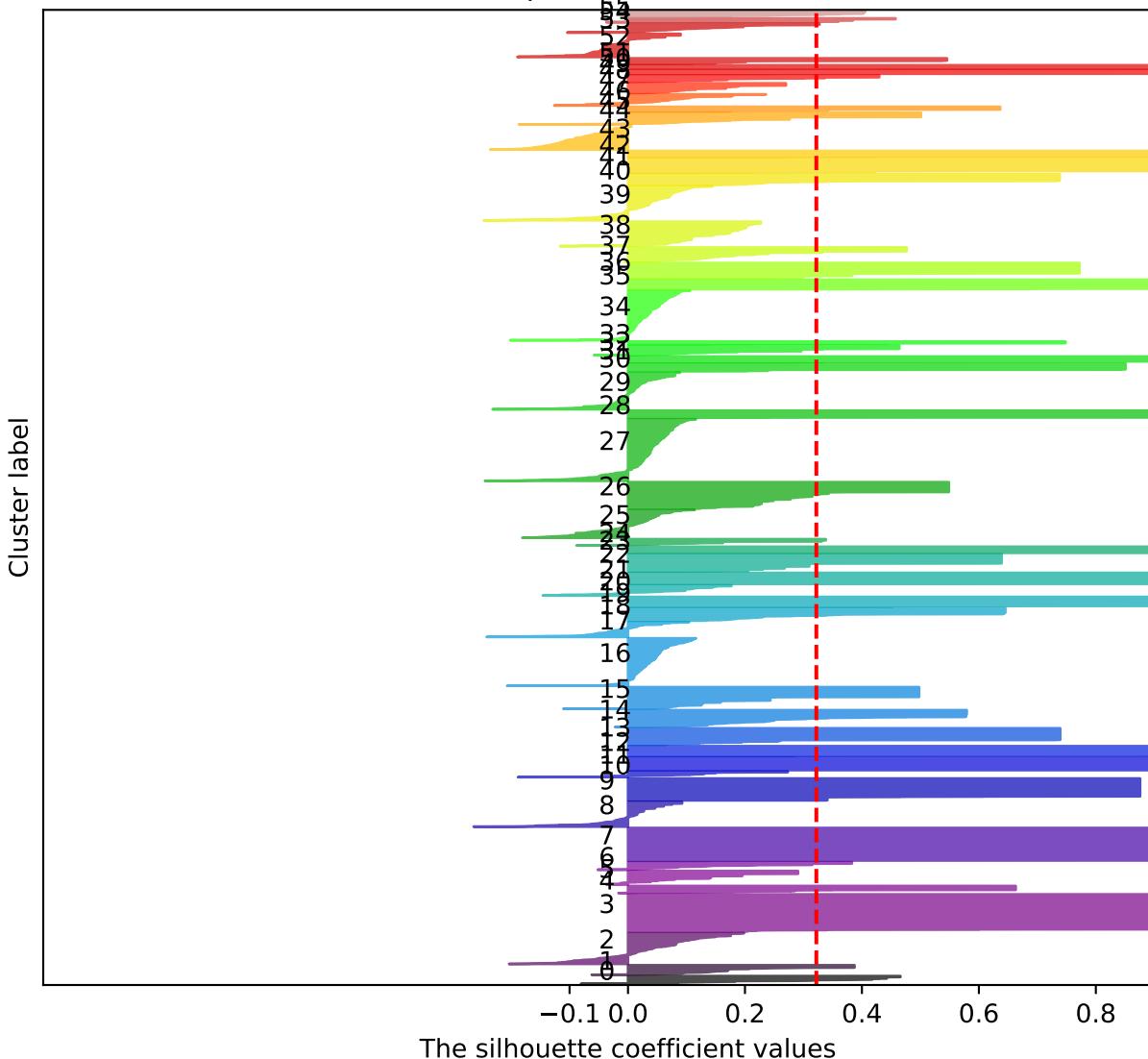


The visualization of the clustered data.

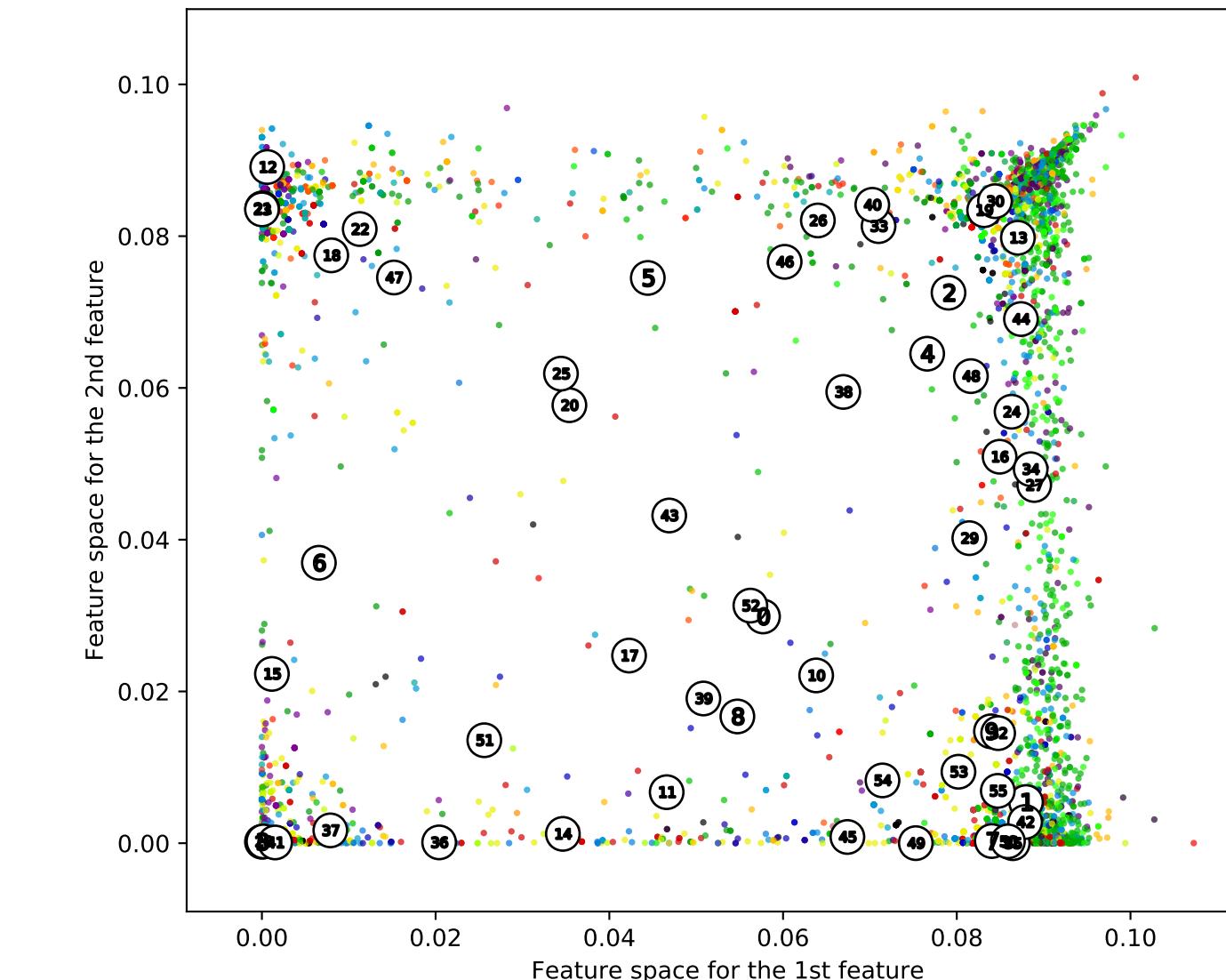


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 56 with Average Silhouette of: 0.32204654812812805

The silhouette plot for the various clusters.

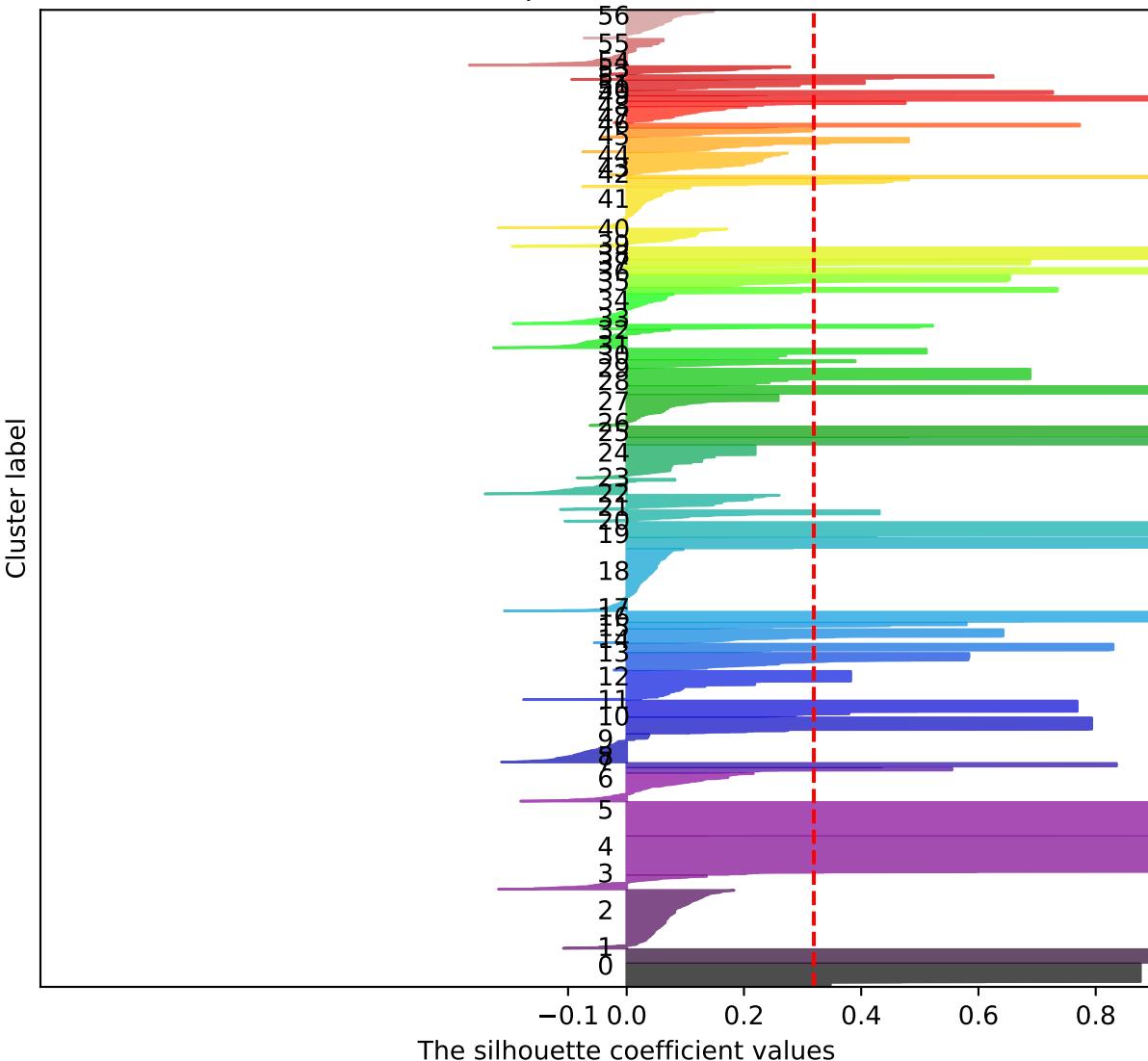


The visualization of the clustered data.

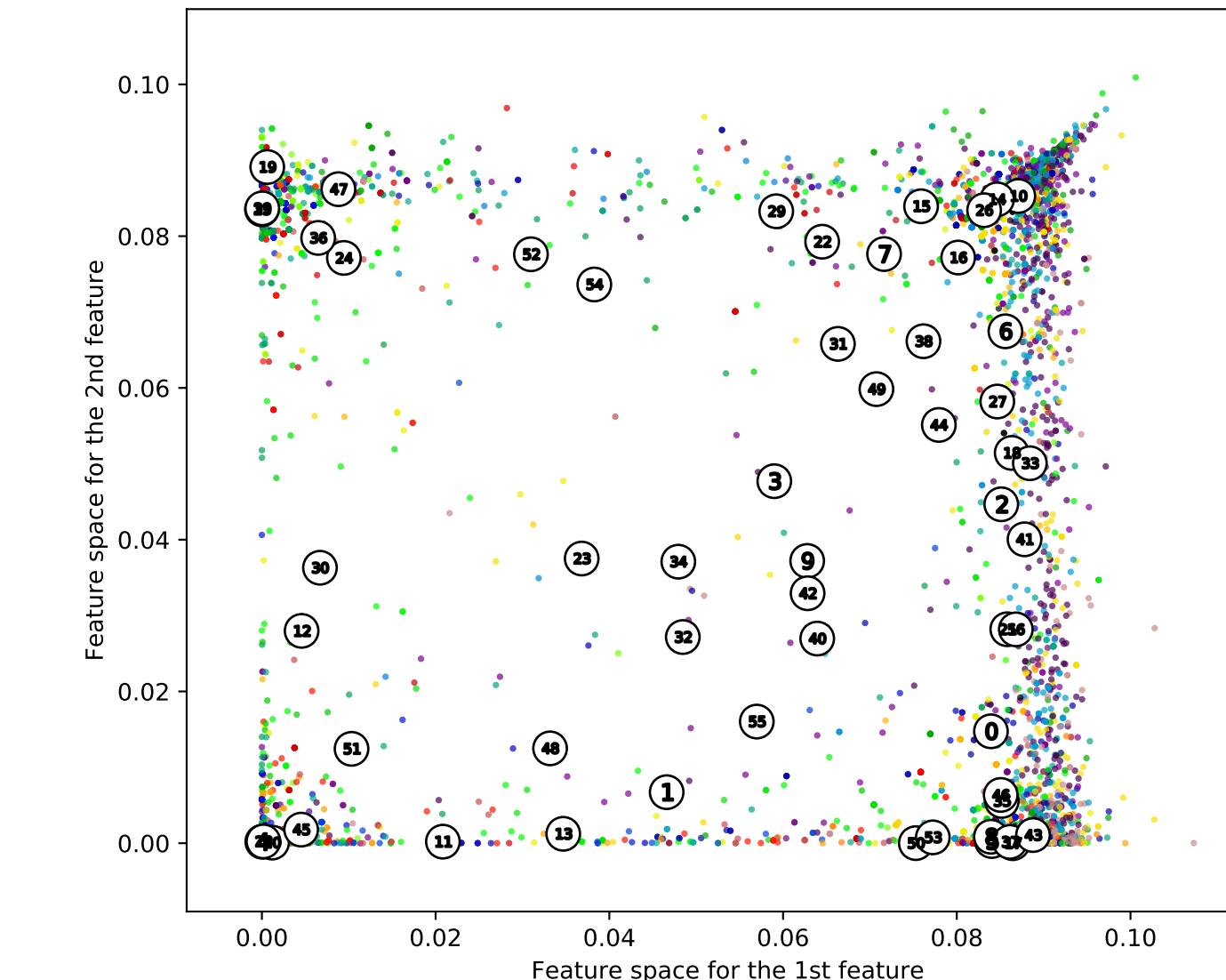


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 57 with Average Silhouette of: 0.31918957829475403

The silhouette plot for the various clusters.

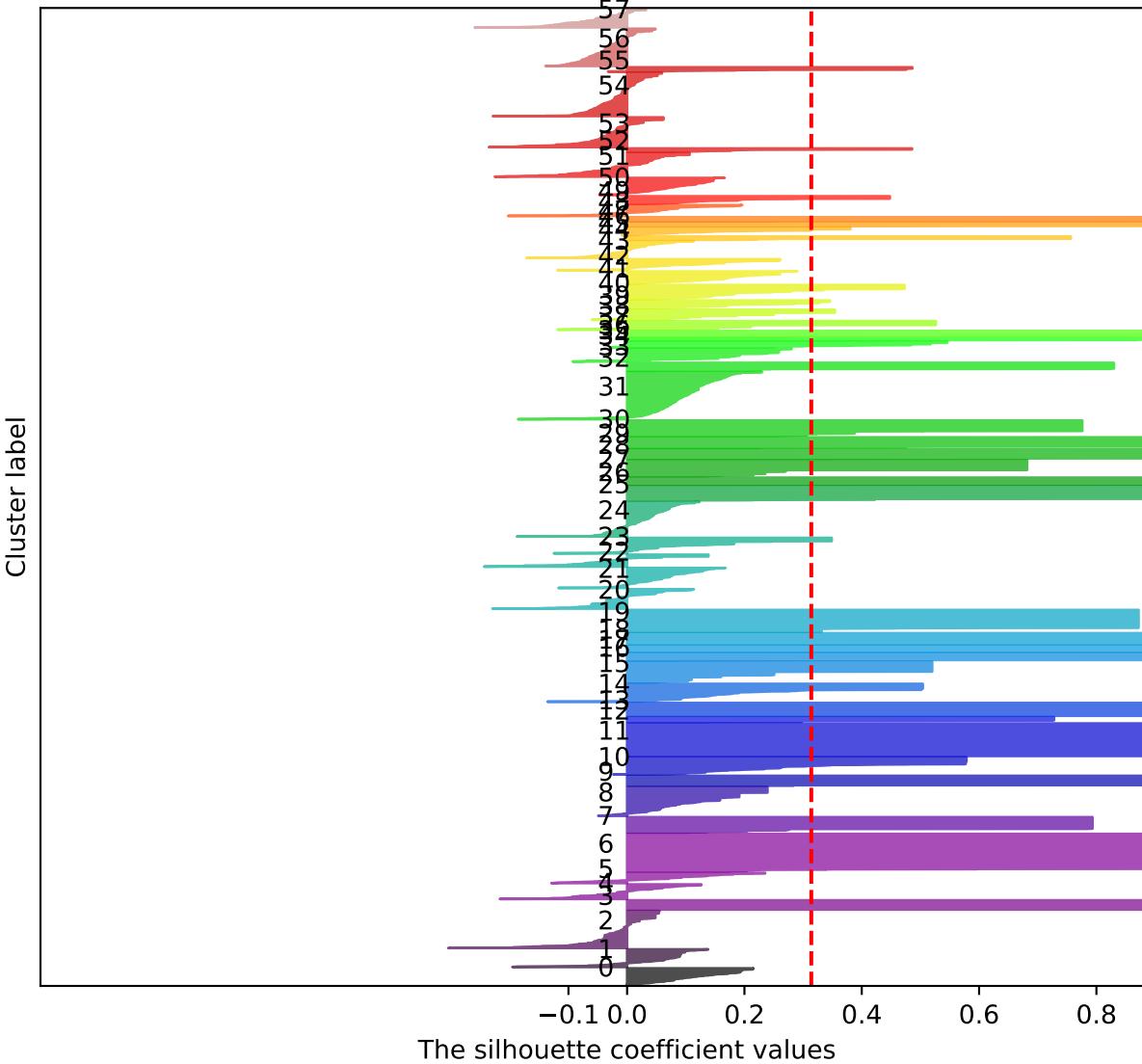


The visualization of the clustered data.

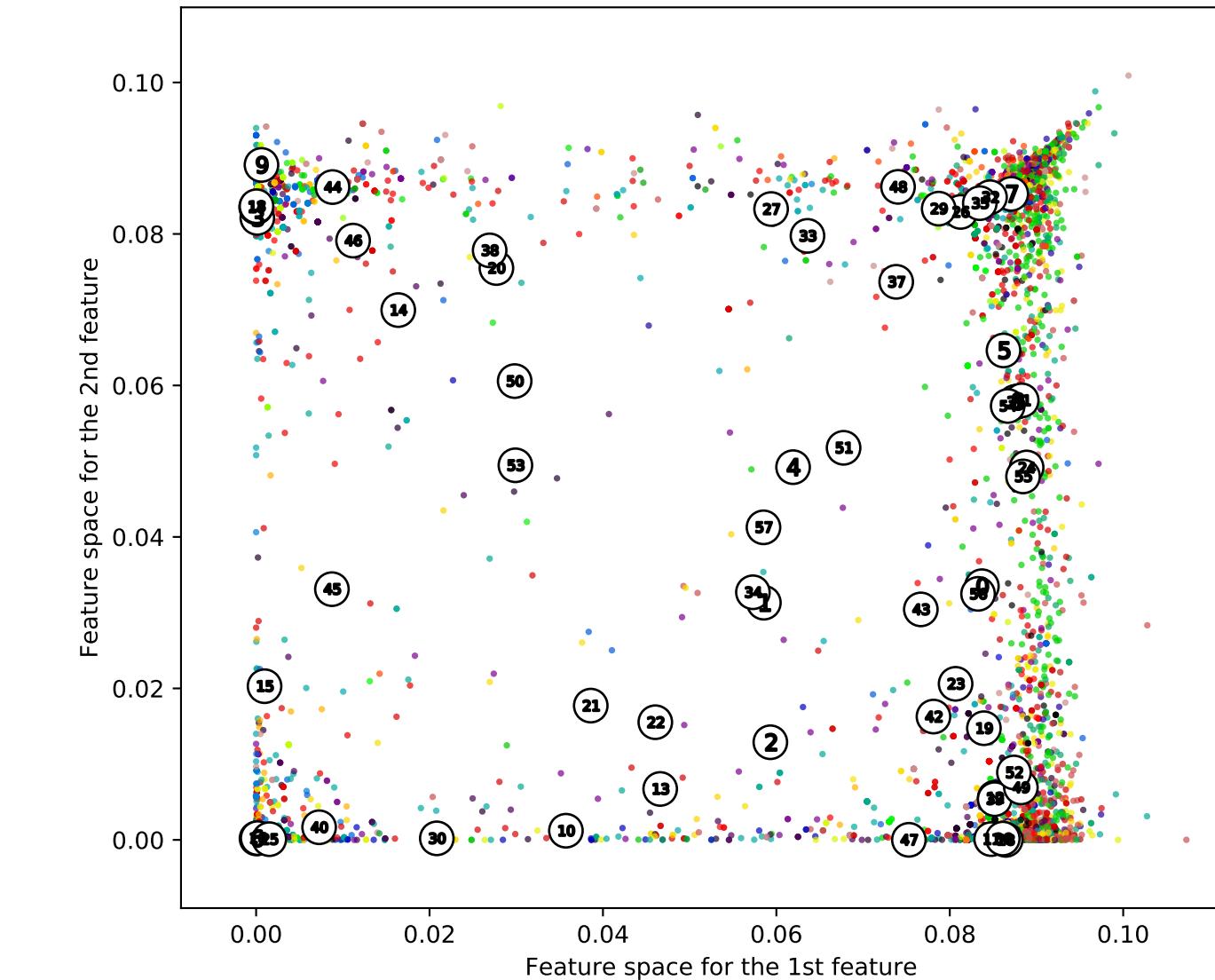


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 58 with Average Silhouette of: 0.31396231055259705

The silhouette plot for the various clusters.

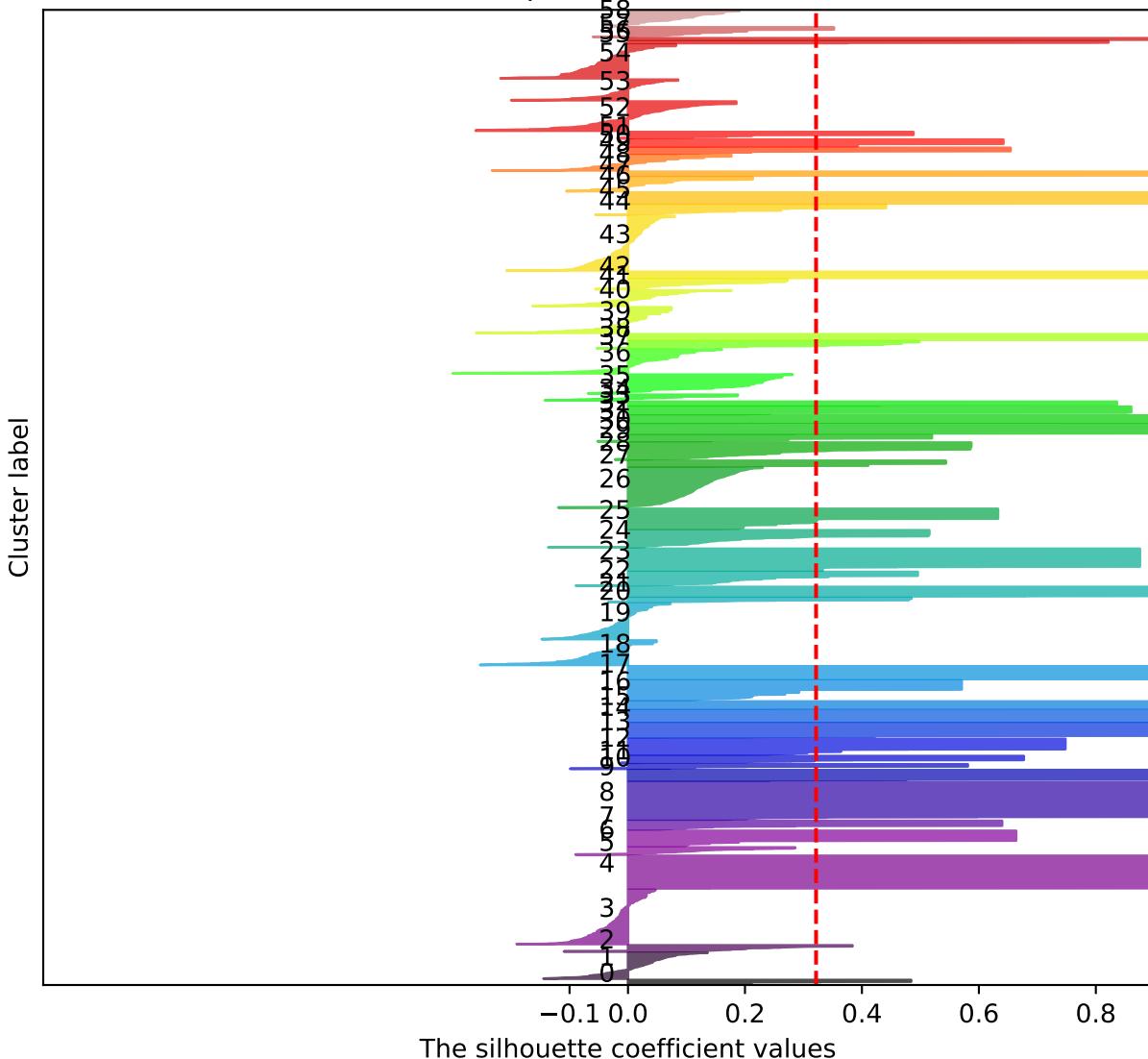


The visualization of the clustered data.

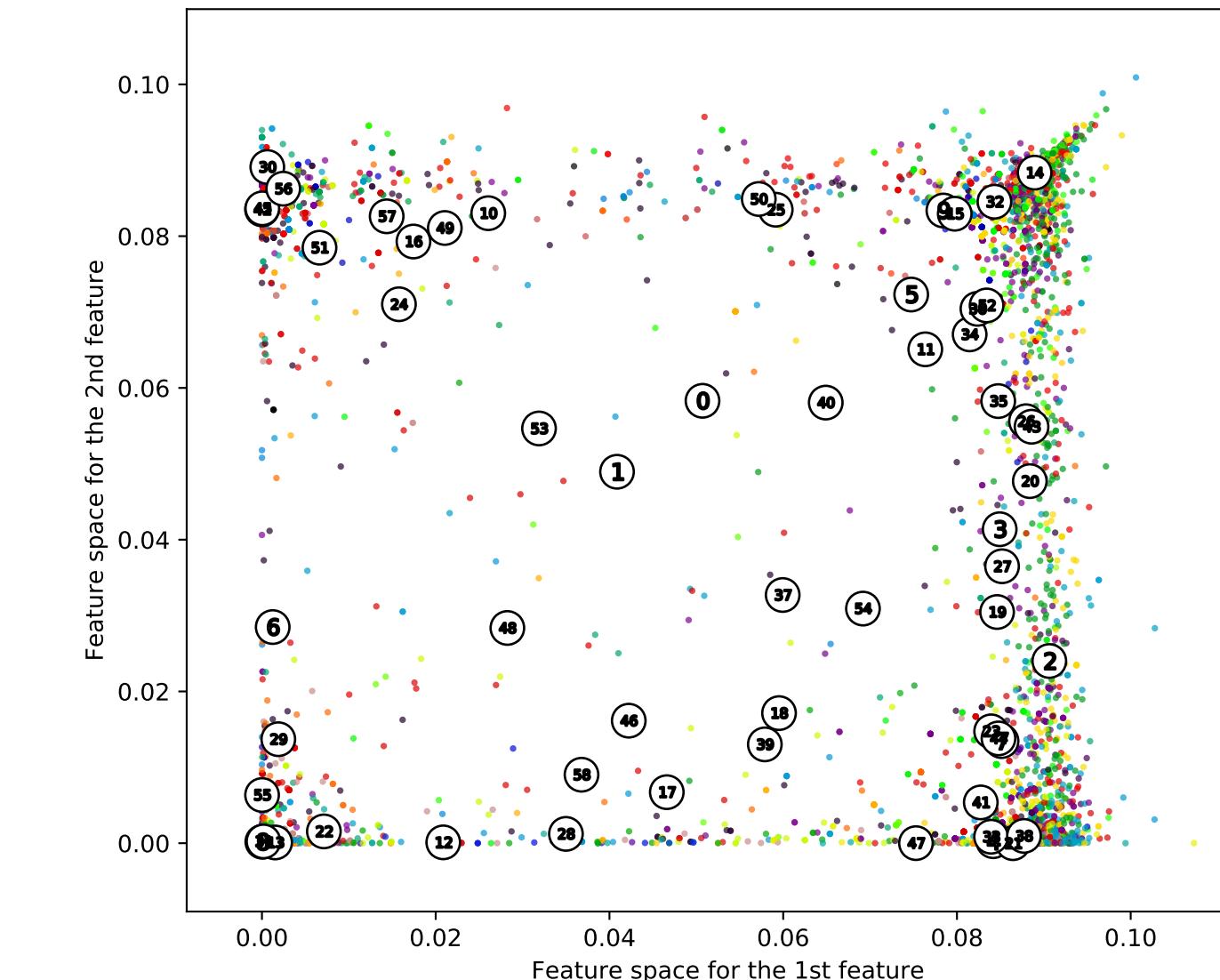


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 59 with Average Silhouette of: 0.3215586245059967

The silhouette plot for the various clusters.

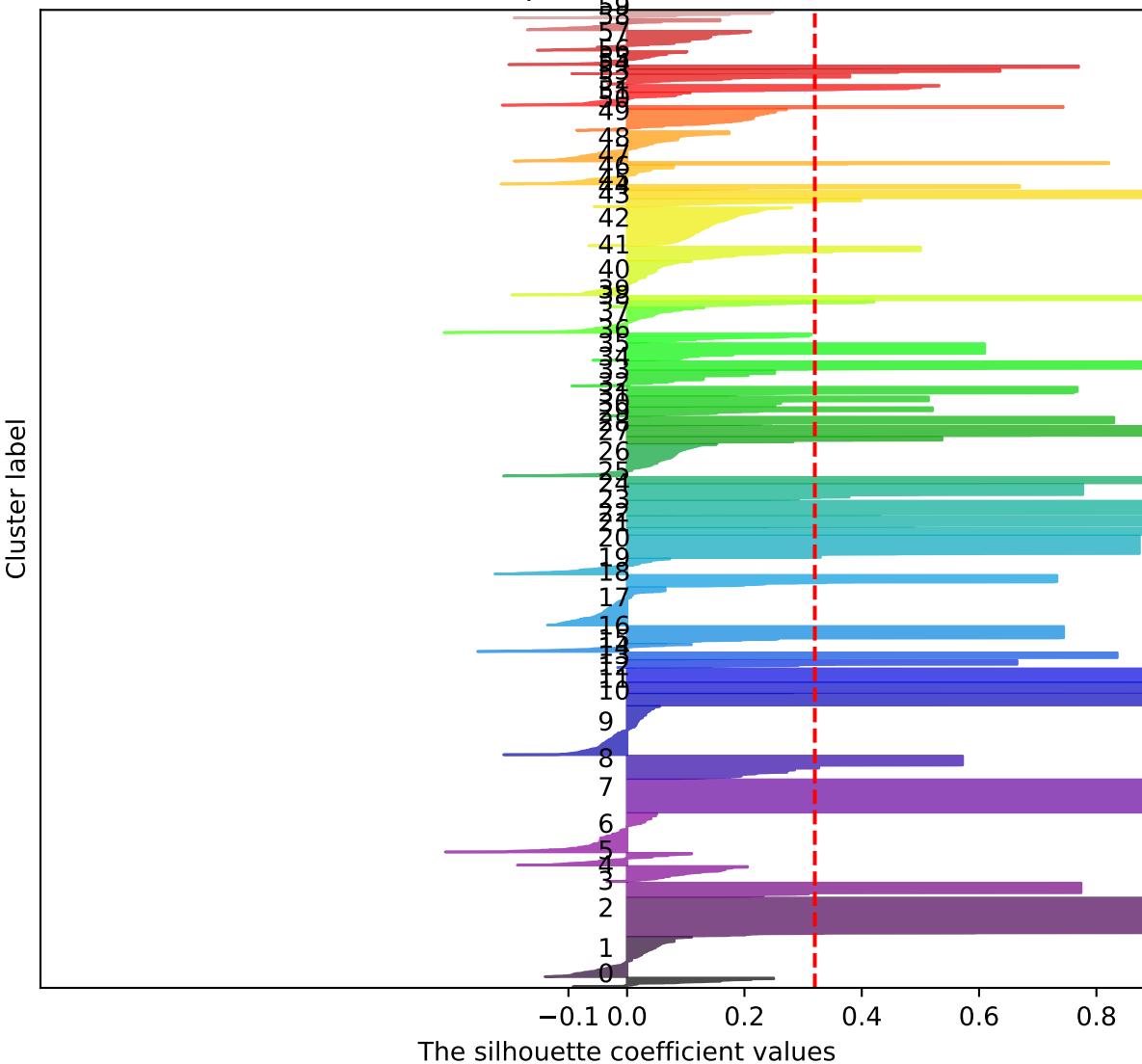


The visualization of the clustered data.

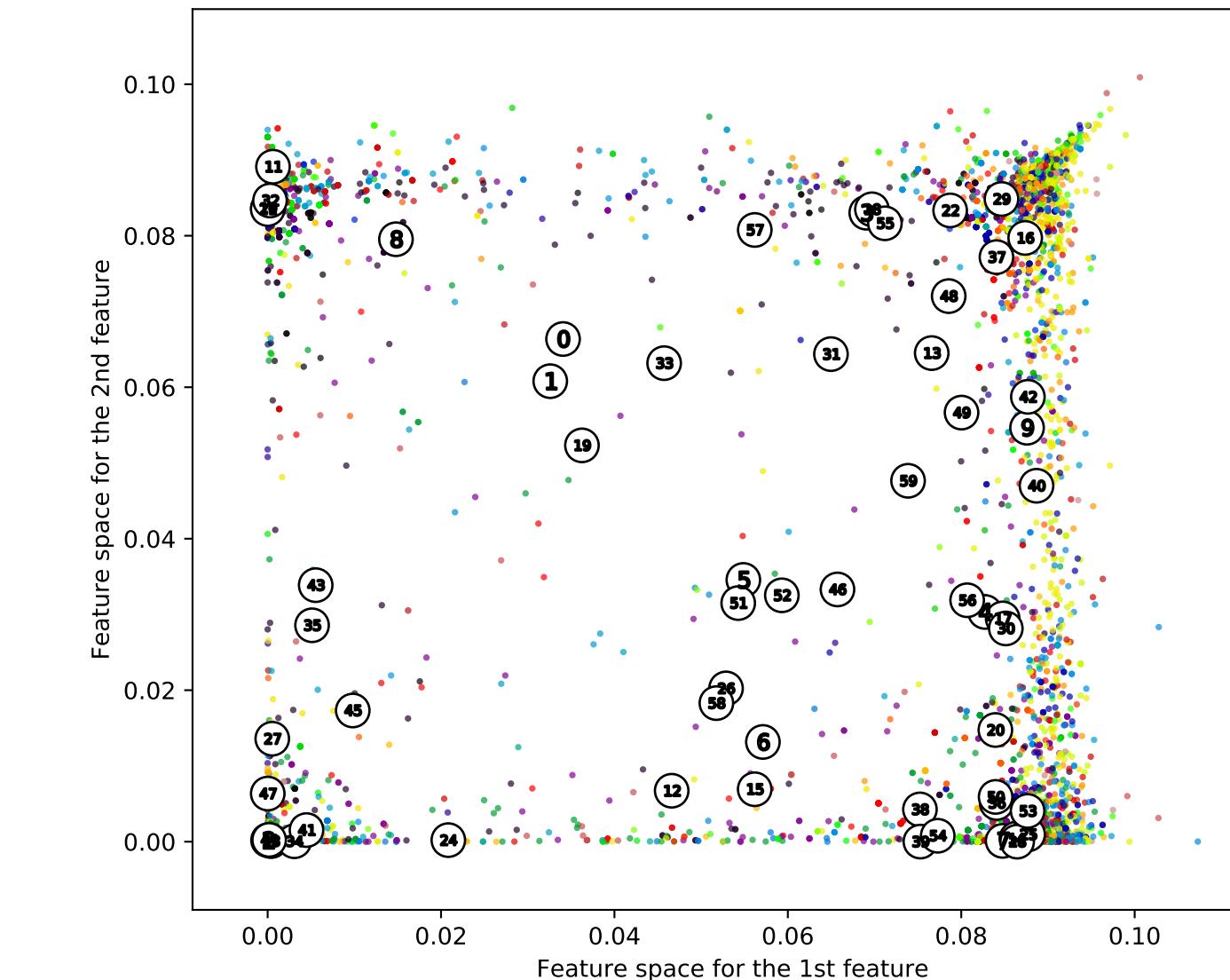


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 60 with Average Silhouette of: 0.31997859477996826

The silhouette plot for the various clusters.

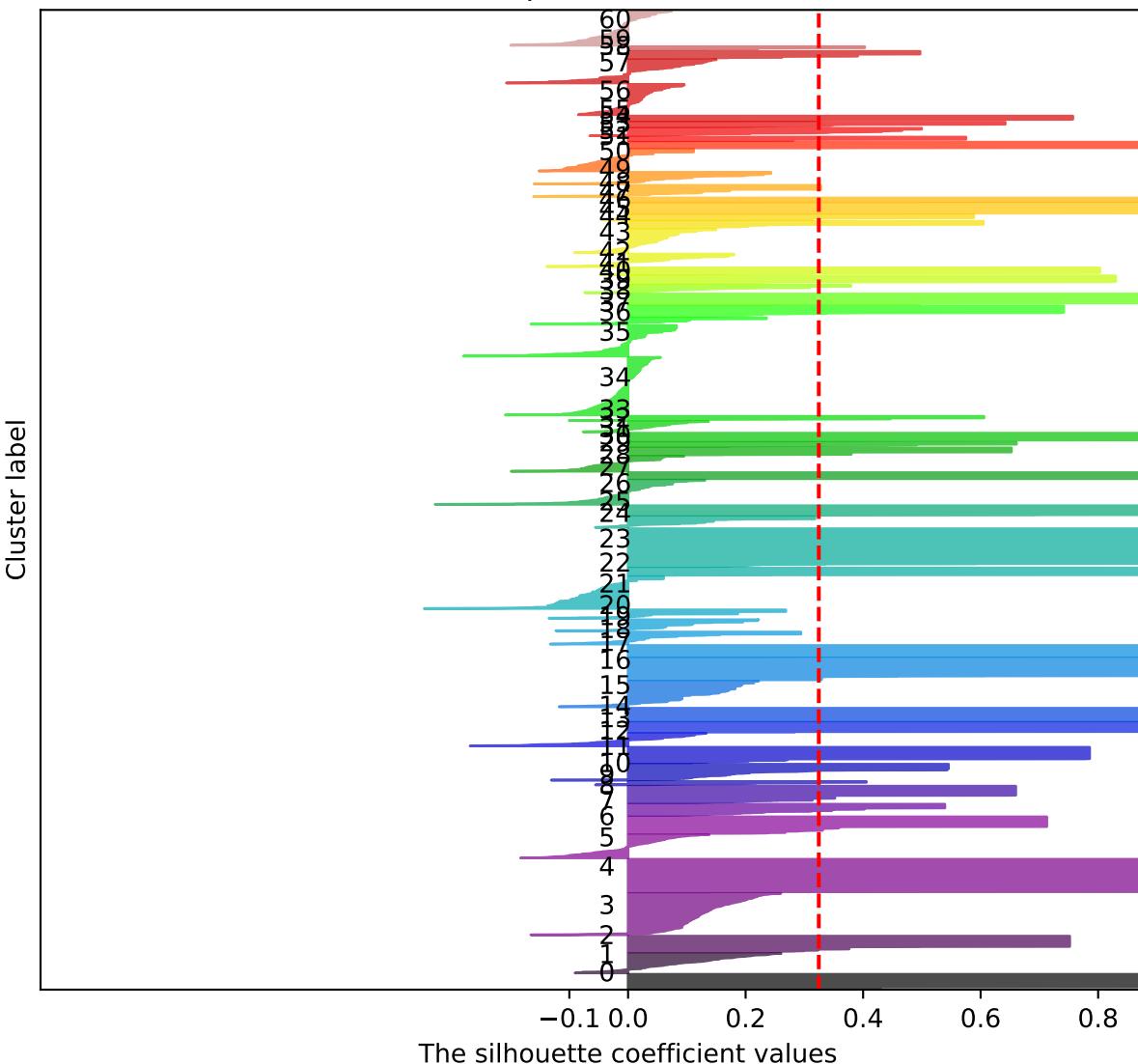


The visualization of the clustered data.

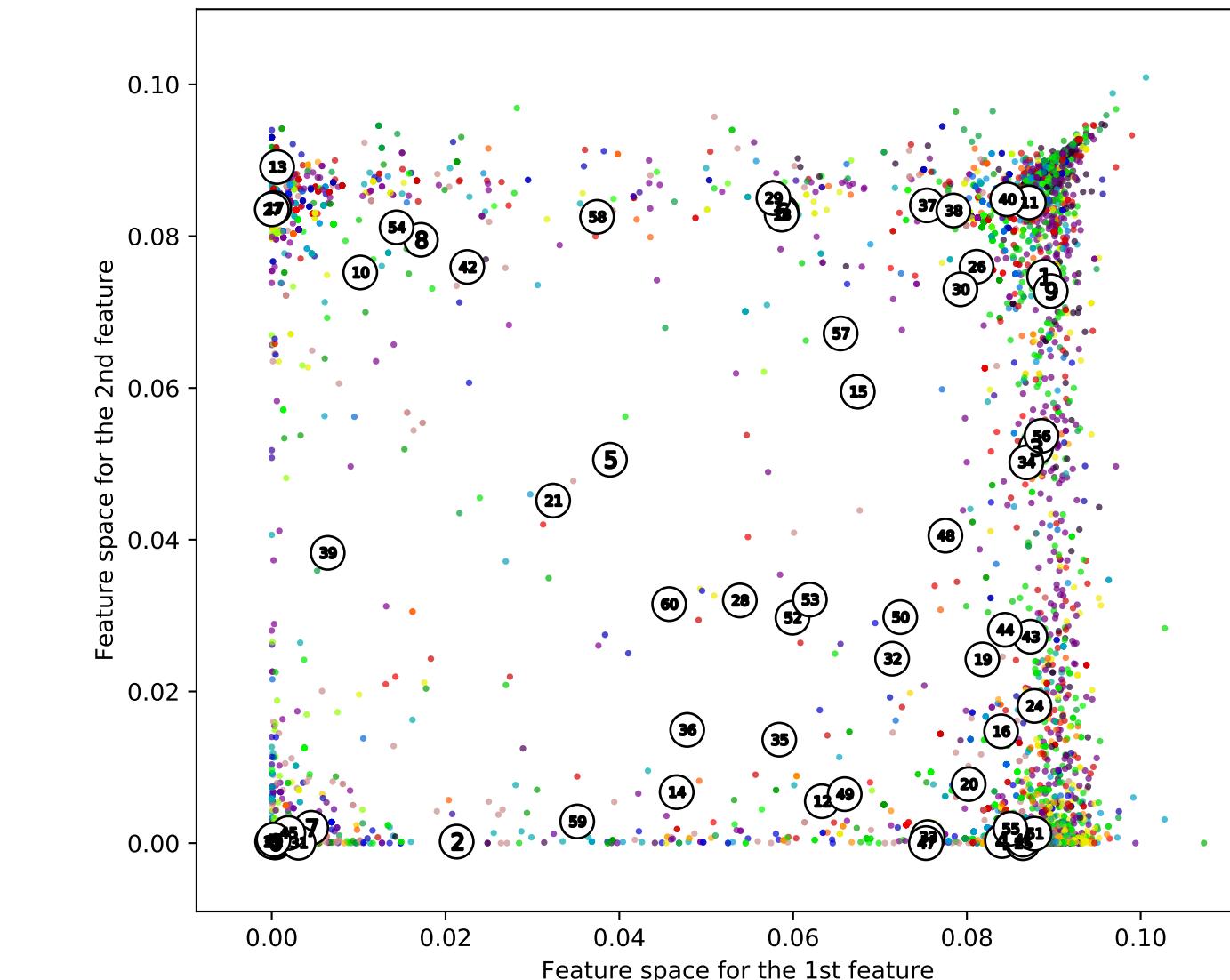


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 61 with Average Silhouette of: 0.32458460330963135

The silhouette plot for the various clusters.

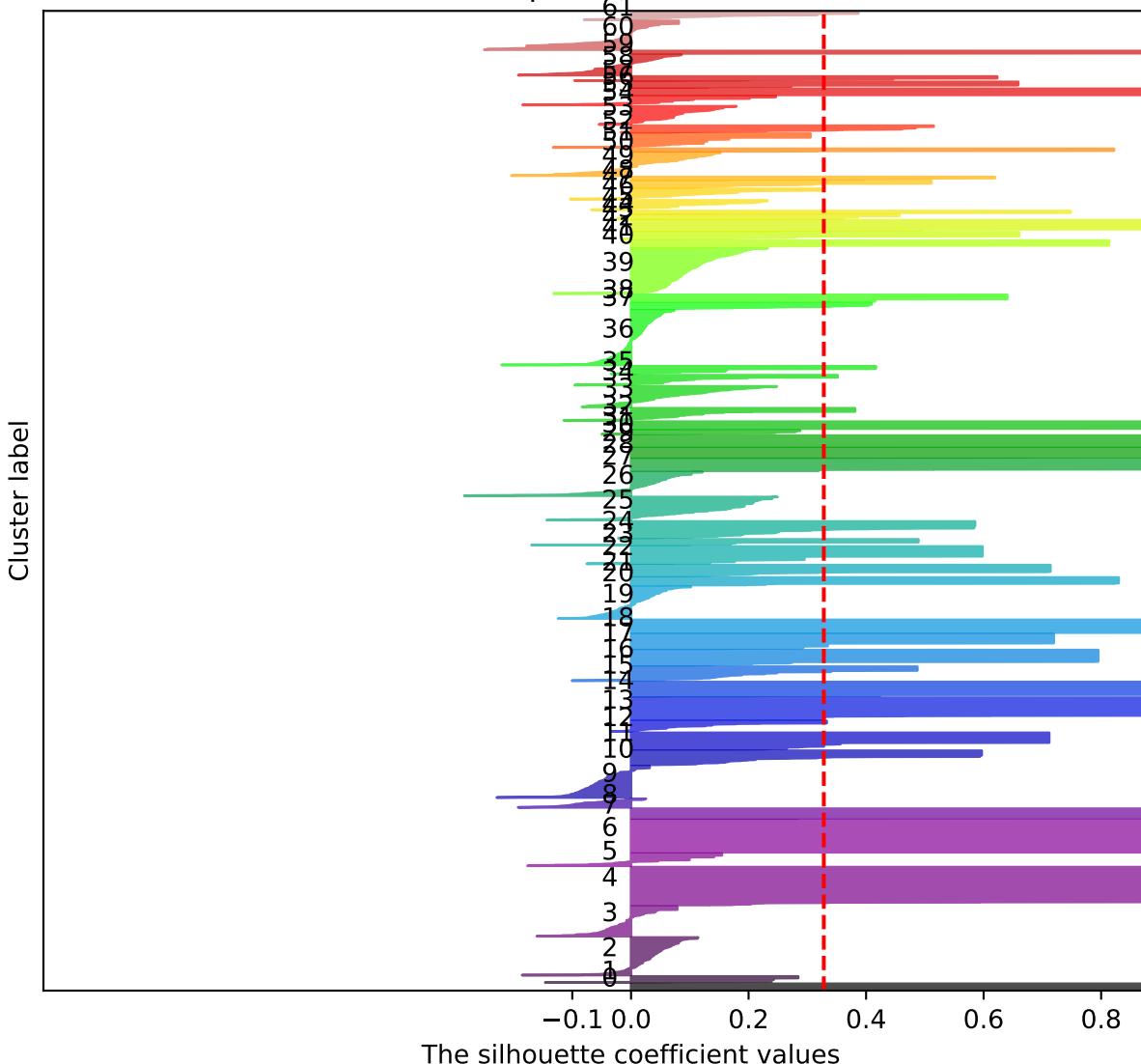


The visualization of the clustered data.

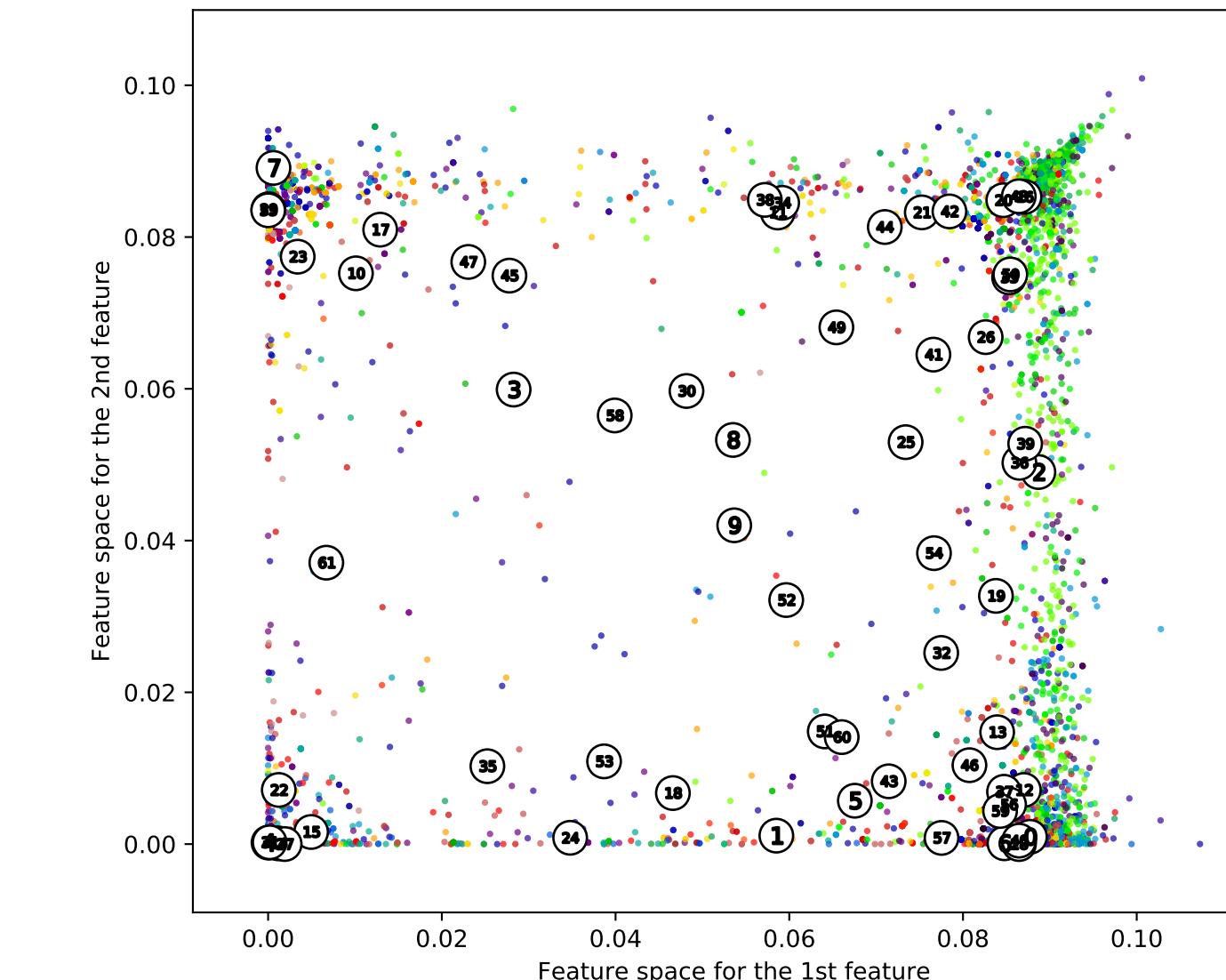


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 62 with Average Silhouette of: 0.3280394375324249

The silhouette plot for the various clusters.

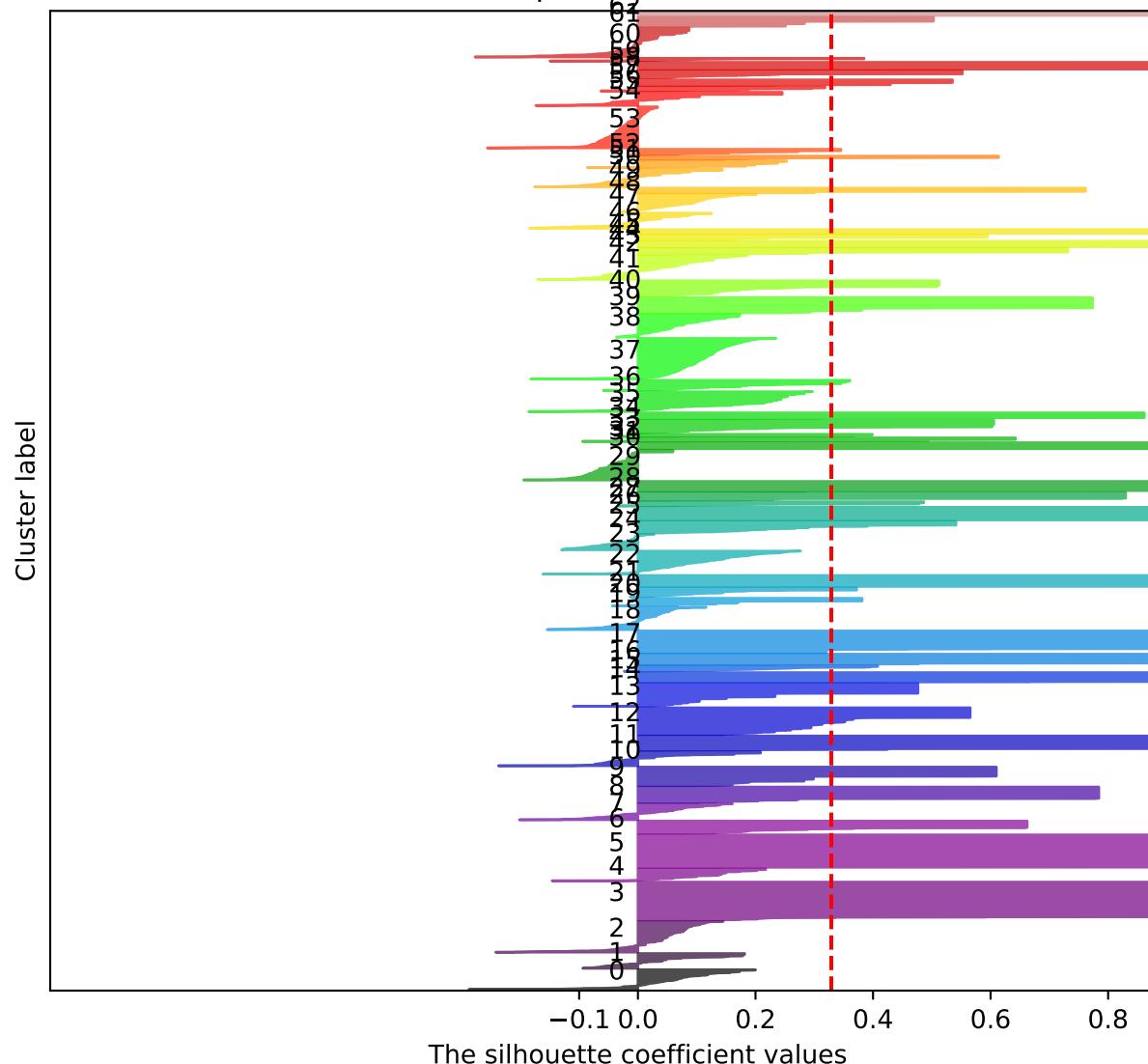


The visualization of the clustered data.

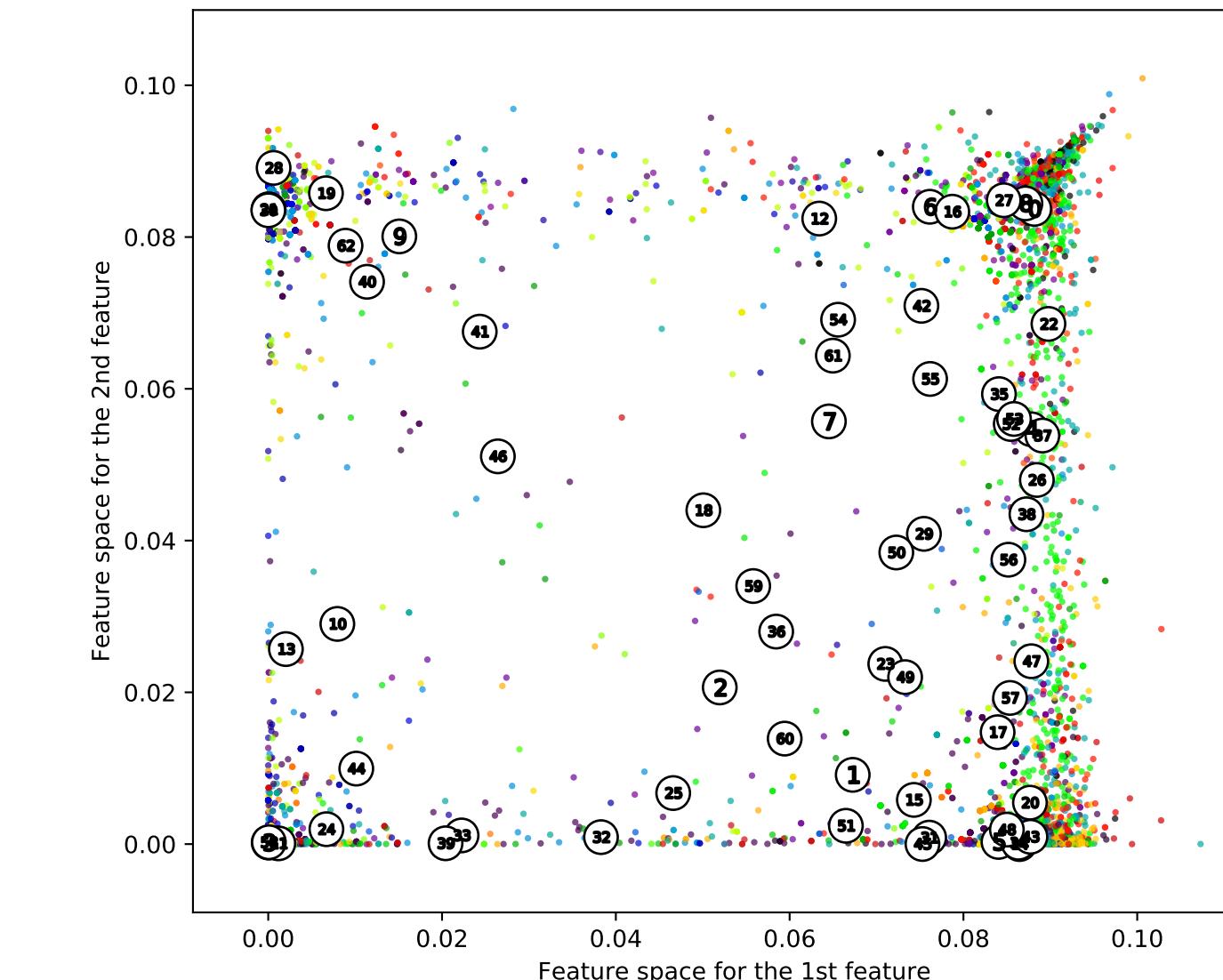


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 63 with Average Silhouette of: 0.3289918303489685

The silhouette plot for the various clusters.

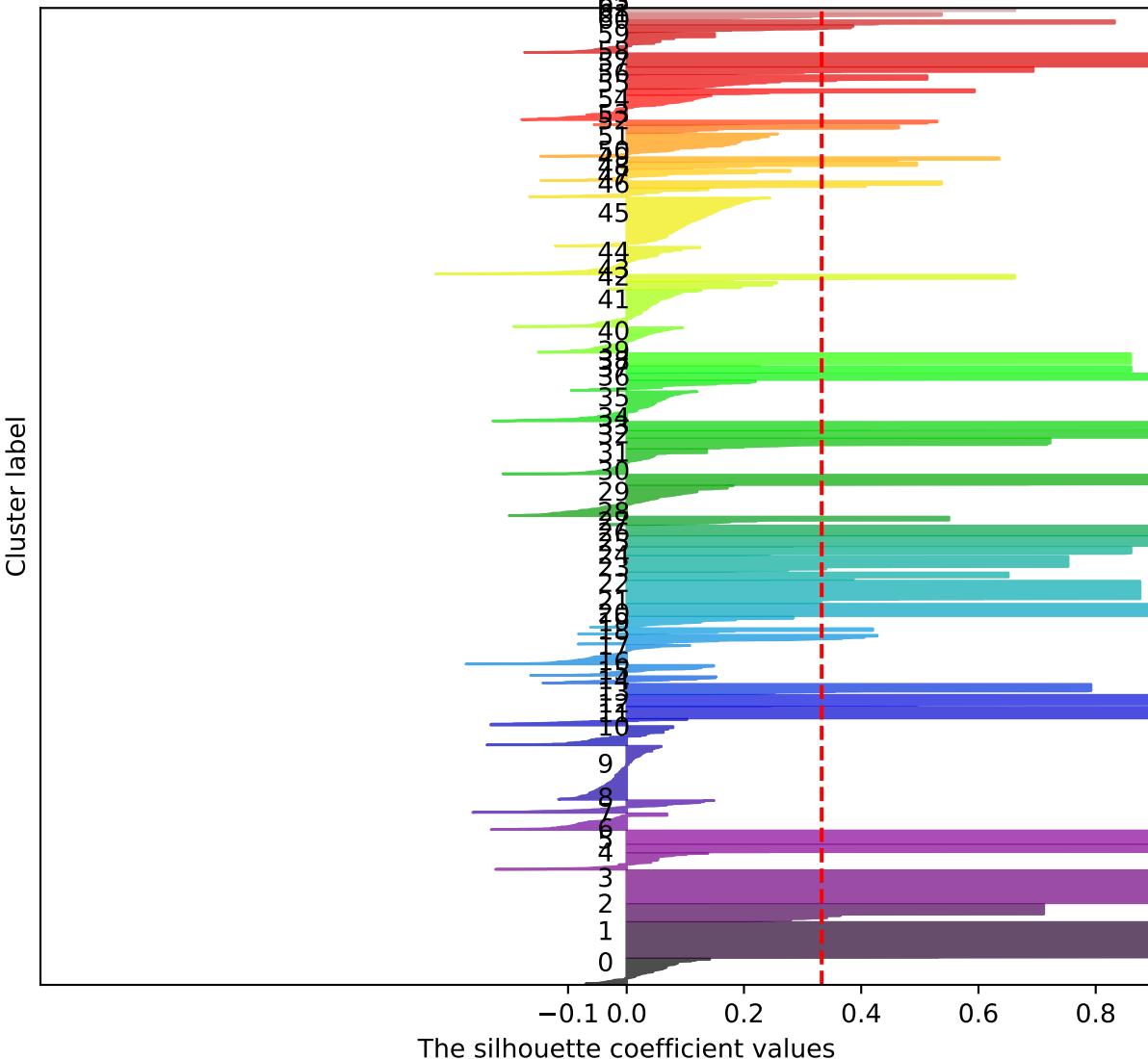


The visualization of the clustered data.

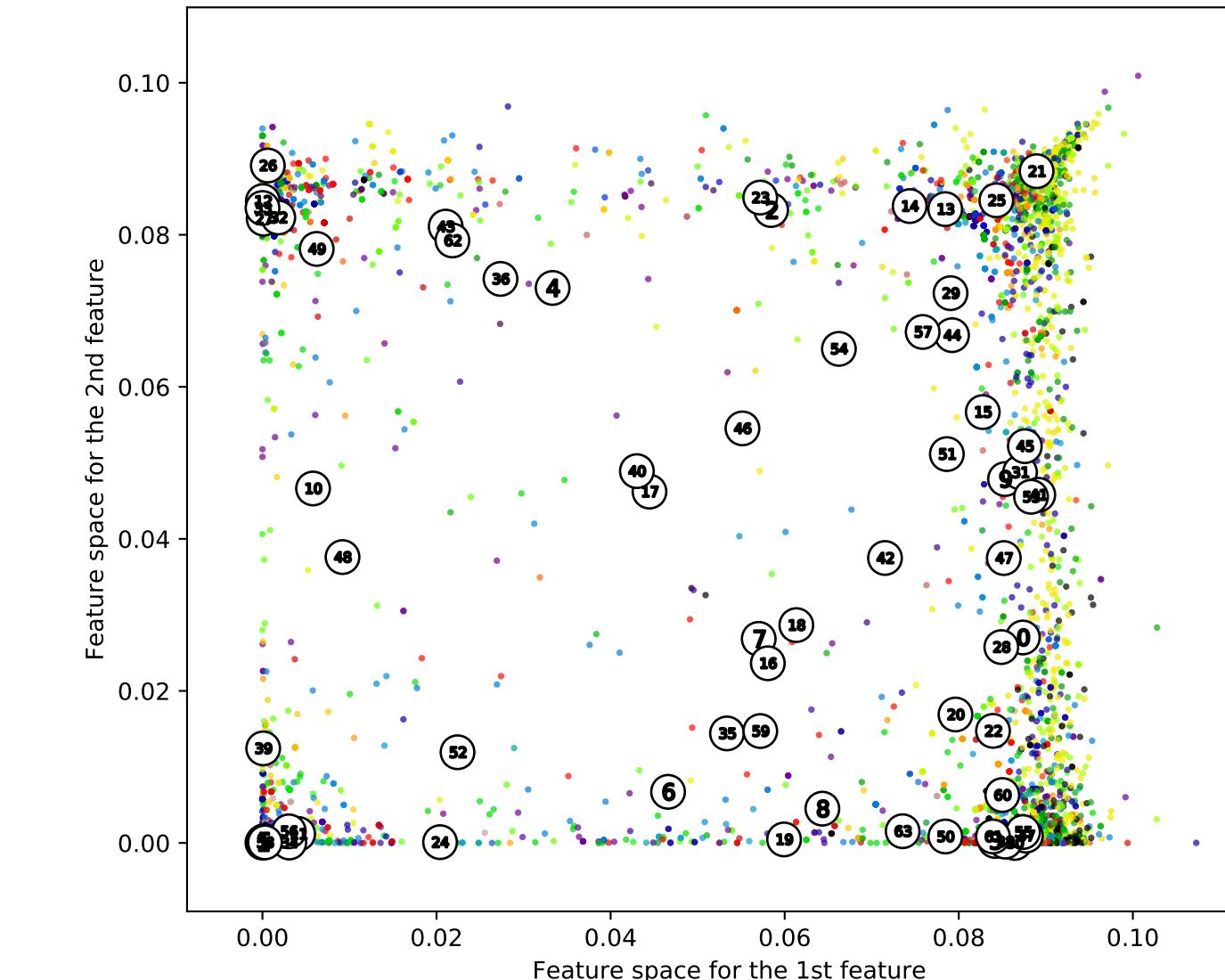


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 64 with Average Silhouette of: 0.33258458971977234

The silhouette plot for the various clusters.

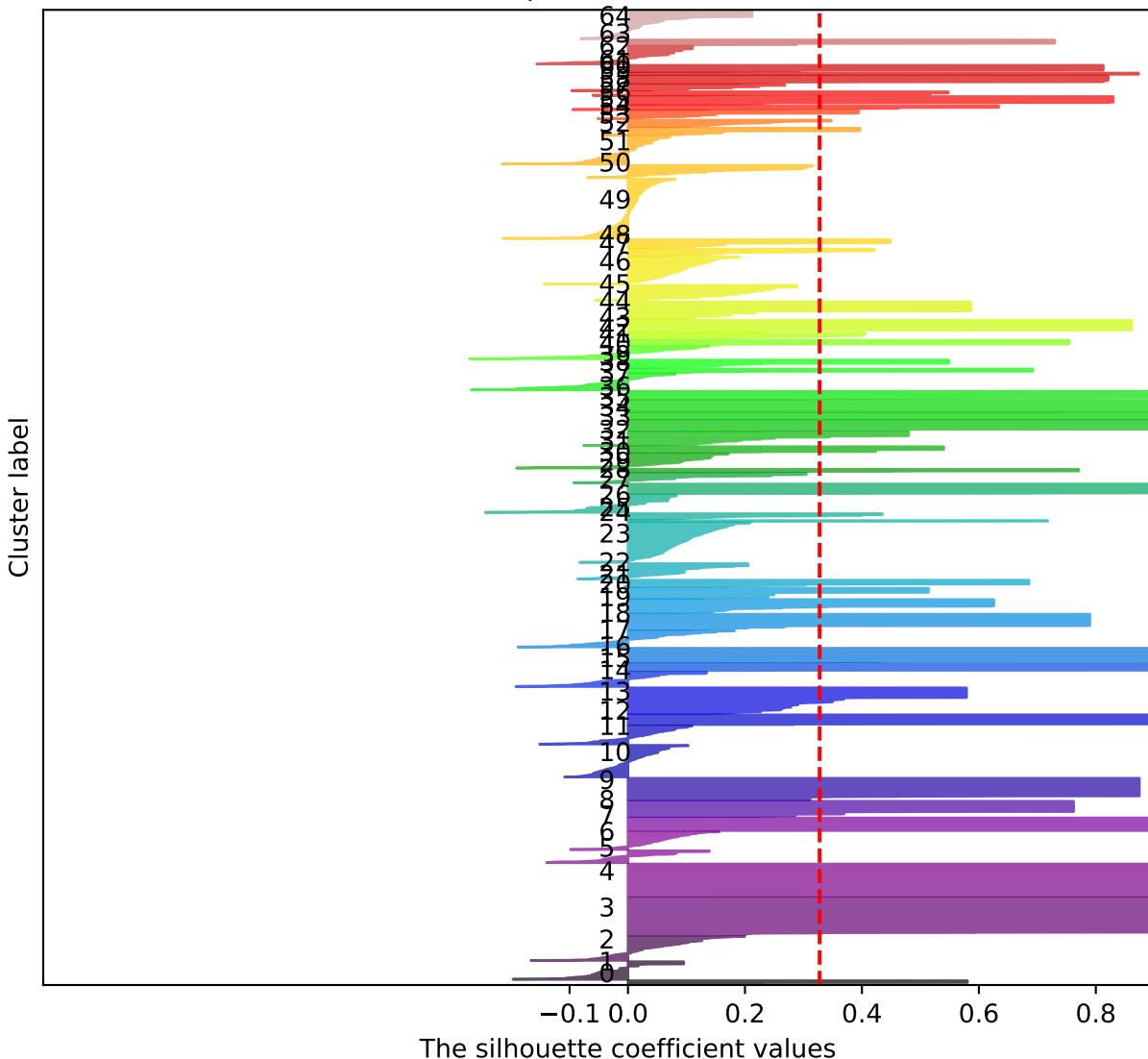


The visualization of the clustered data.

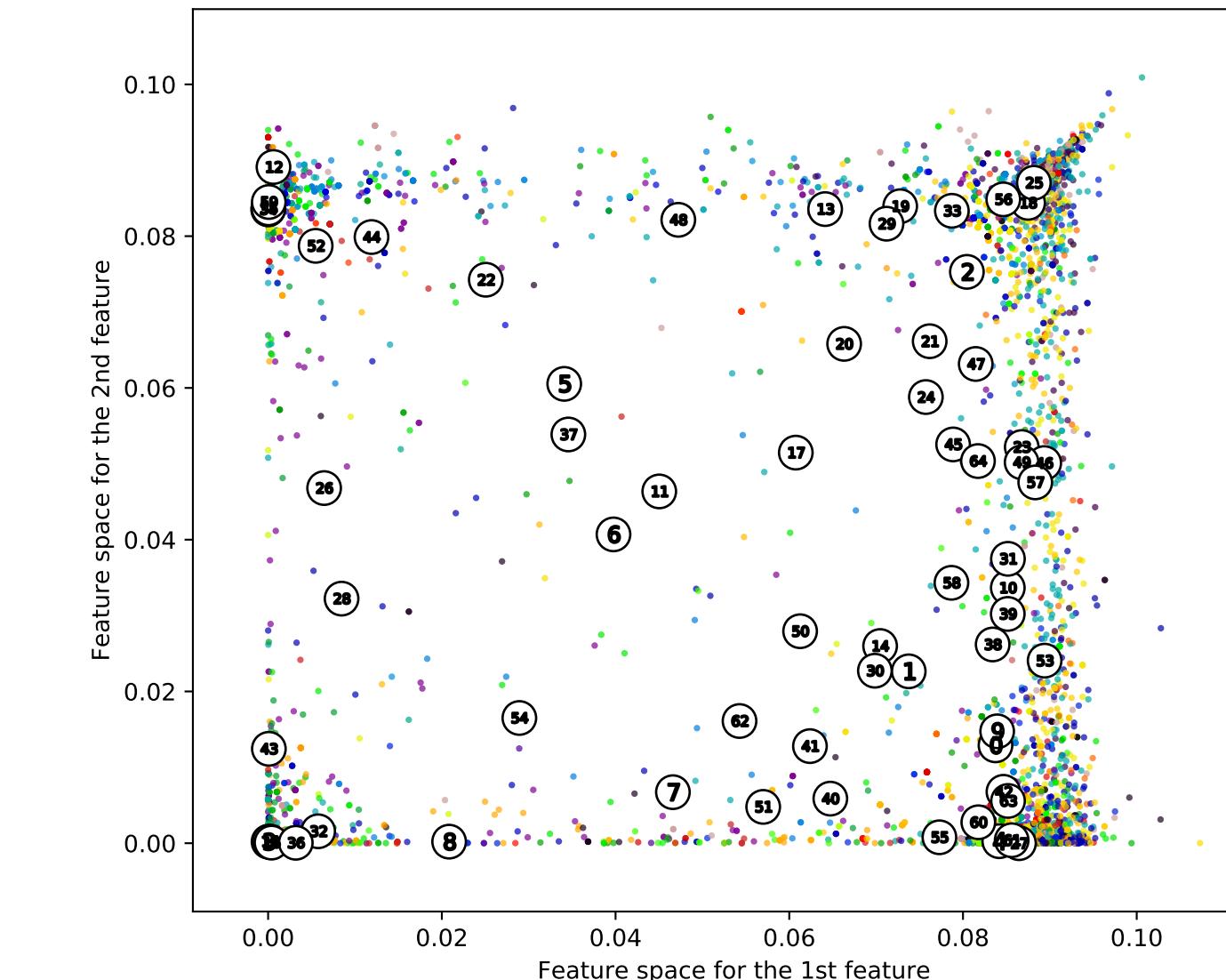


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 65 with Average Silhouette of: 0.32772043347358704

The silhouette plot for the various clusters.

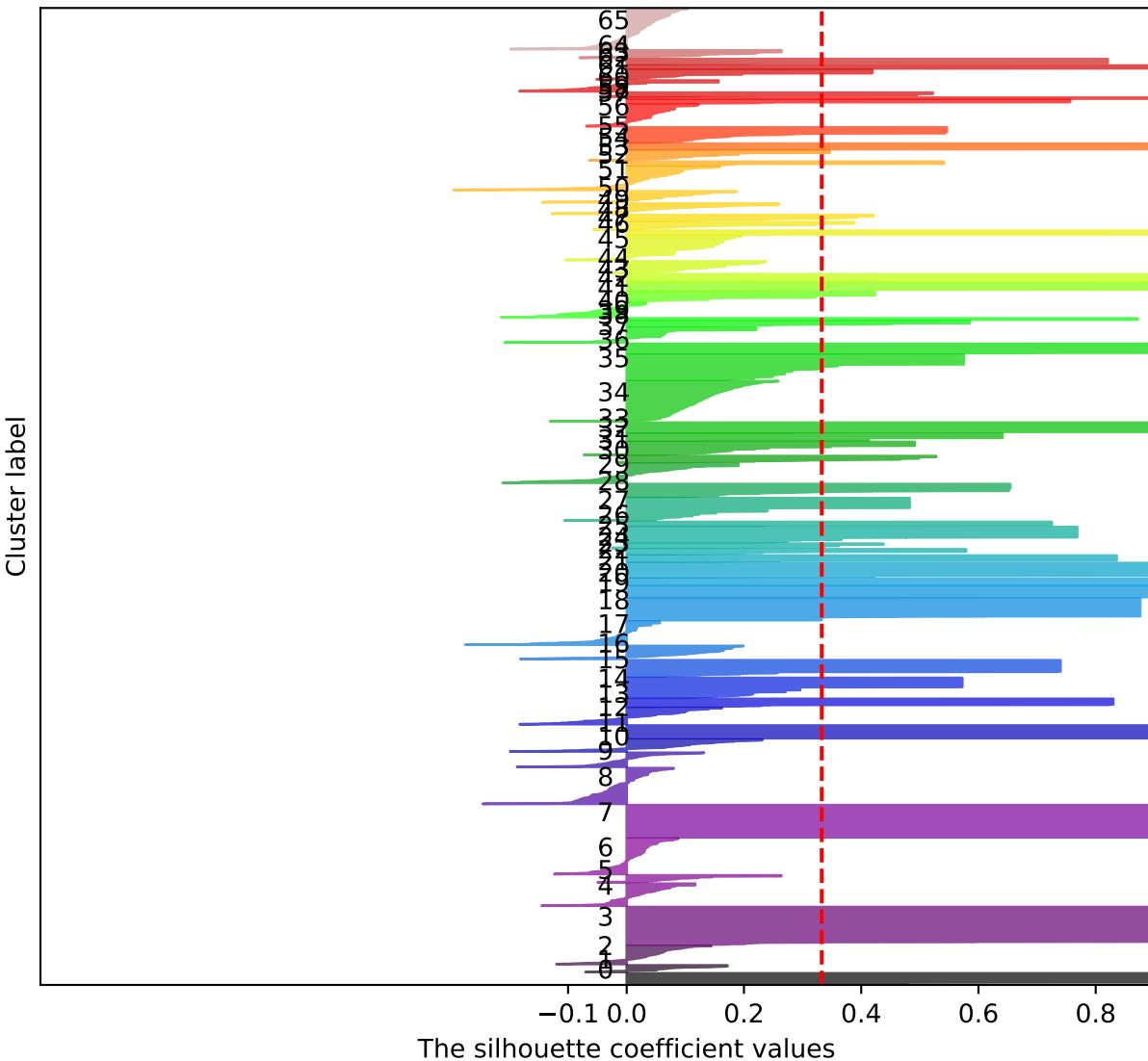


The visualization of the clustered data.

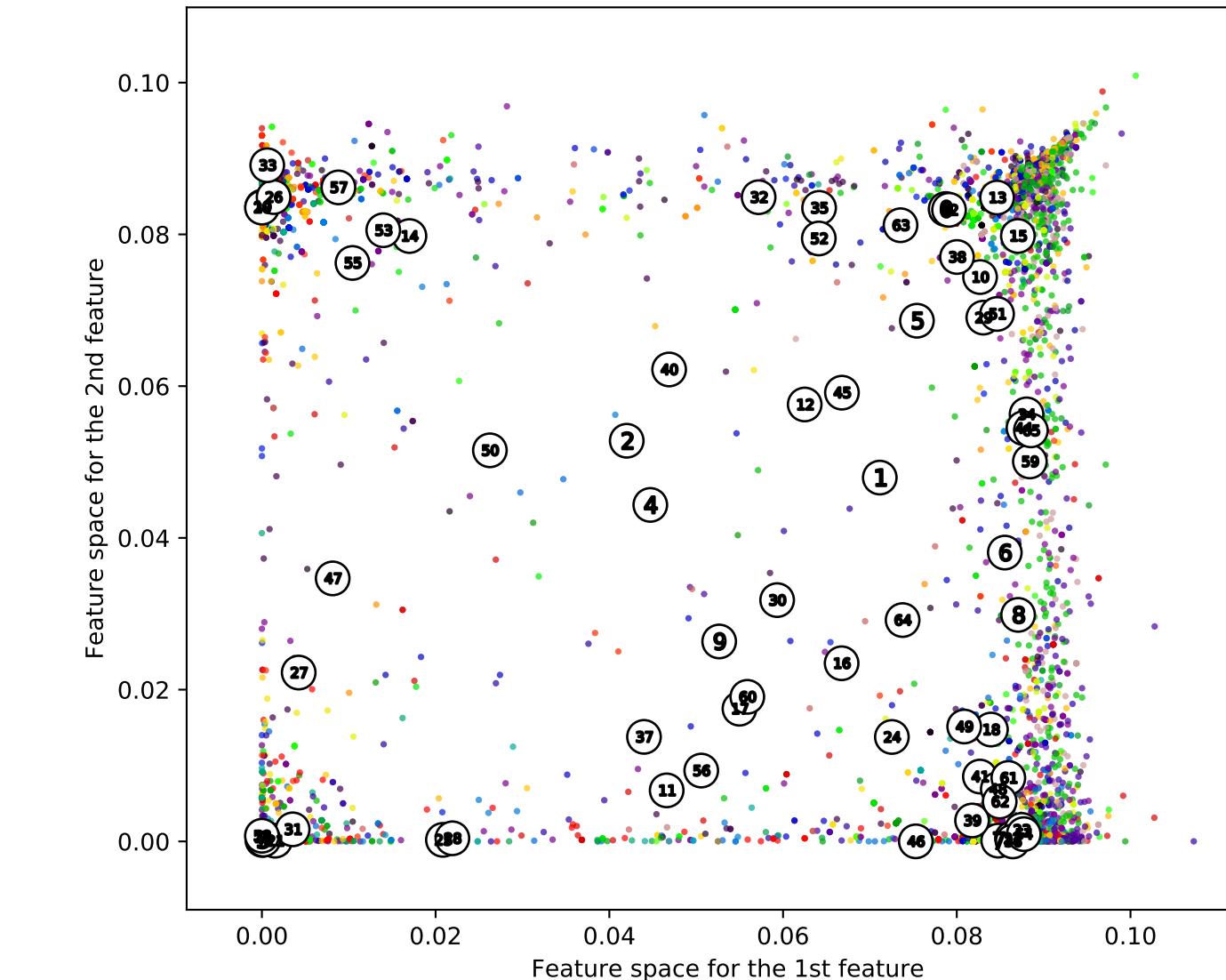


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 66 with Average Silhouette of: 0.33265382051467896

The silhouette plot for the various clusters.

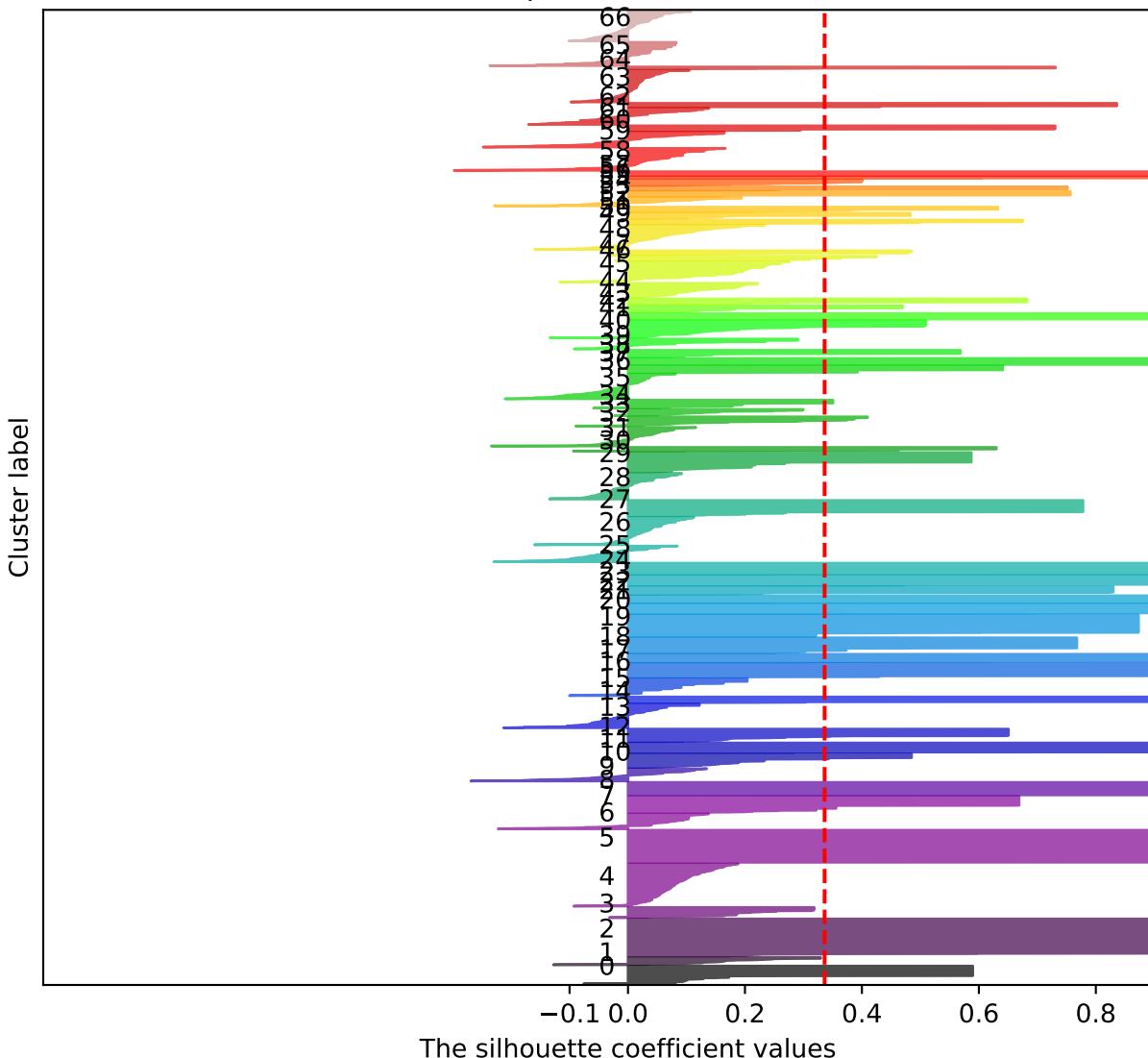


The visualization of the clustered data.

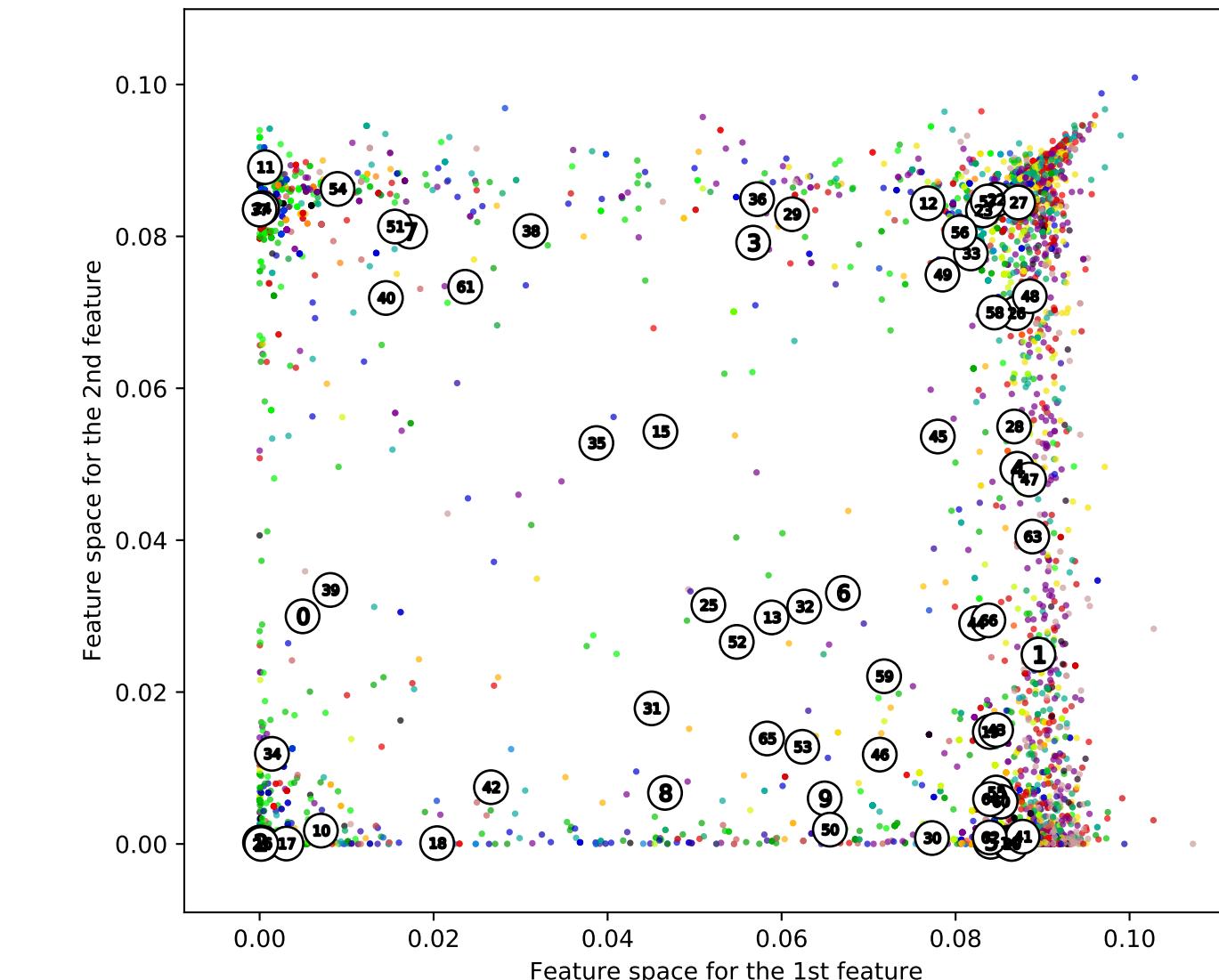


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 67 with Average Silhouette of: 0.3361968398094177

The silhouette plot for the various clusters.

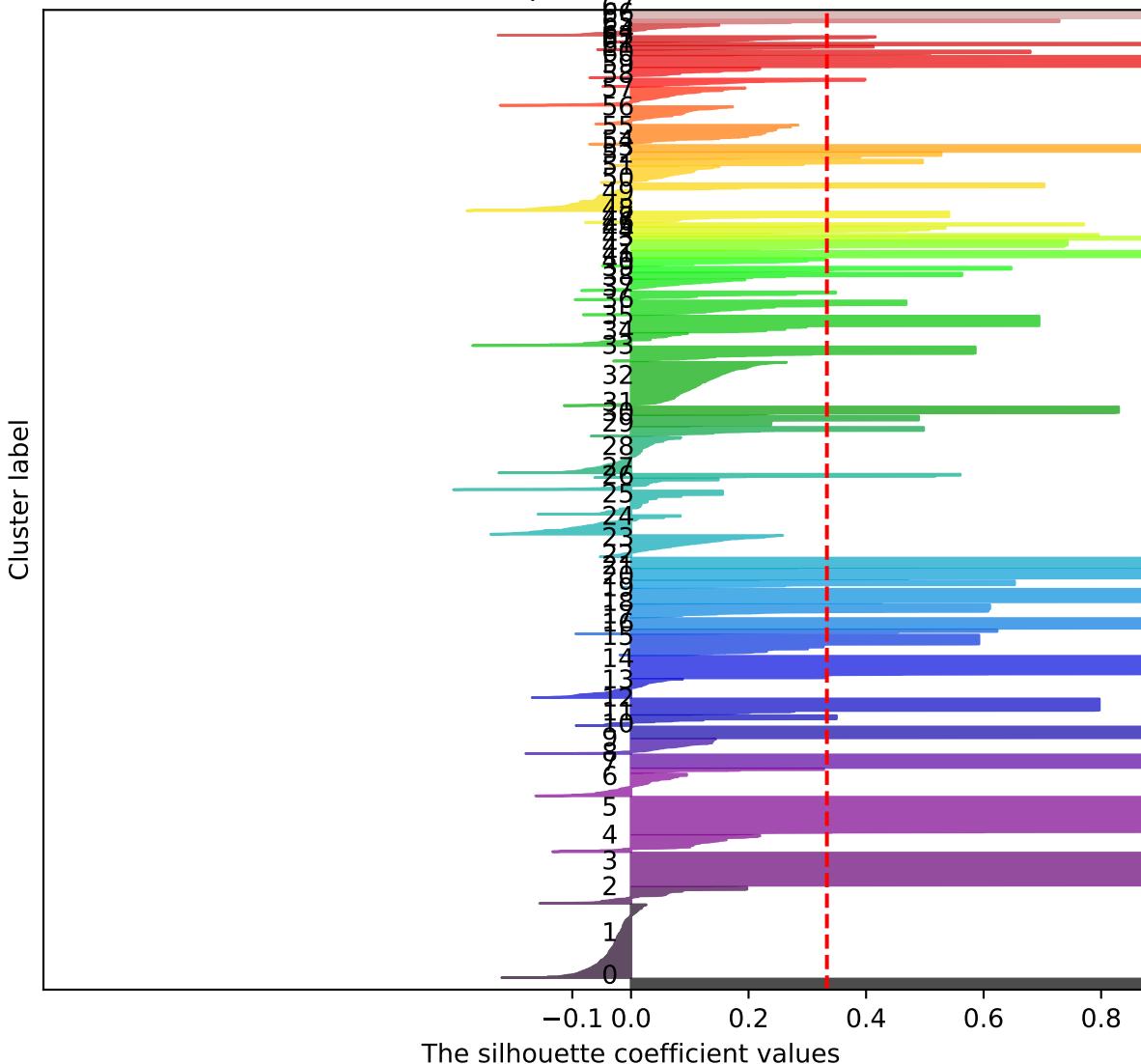


The visualization of the clustered data.

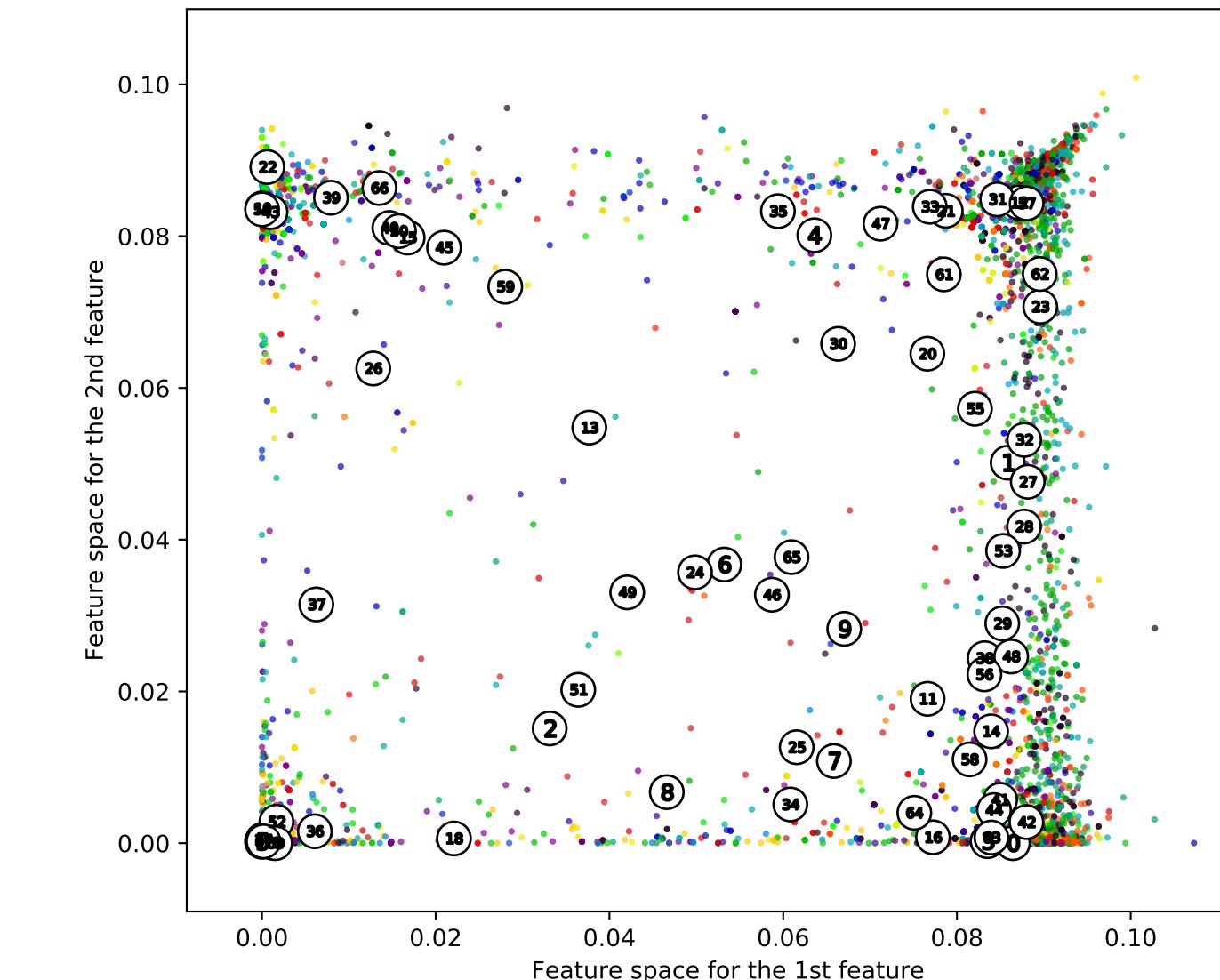


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 68 with Average Silhouette of: 0.33335256576538086

The silhouette plot for the various clusters.

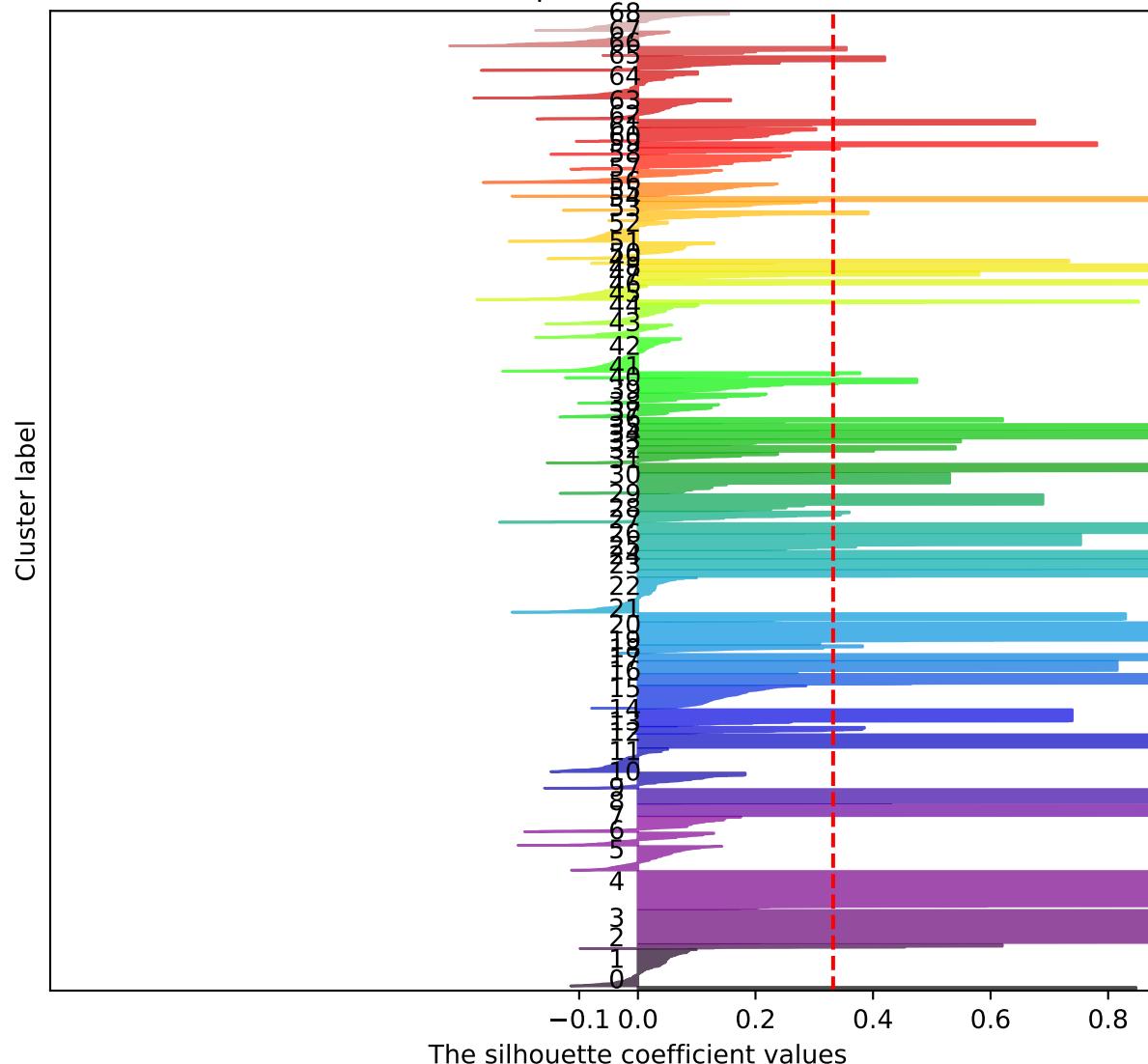


The visualization of the clustered data.

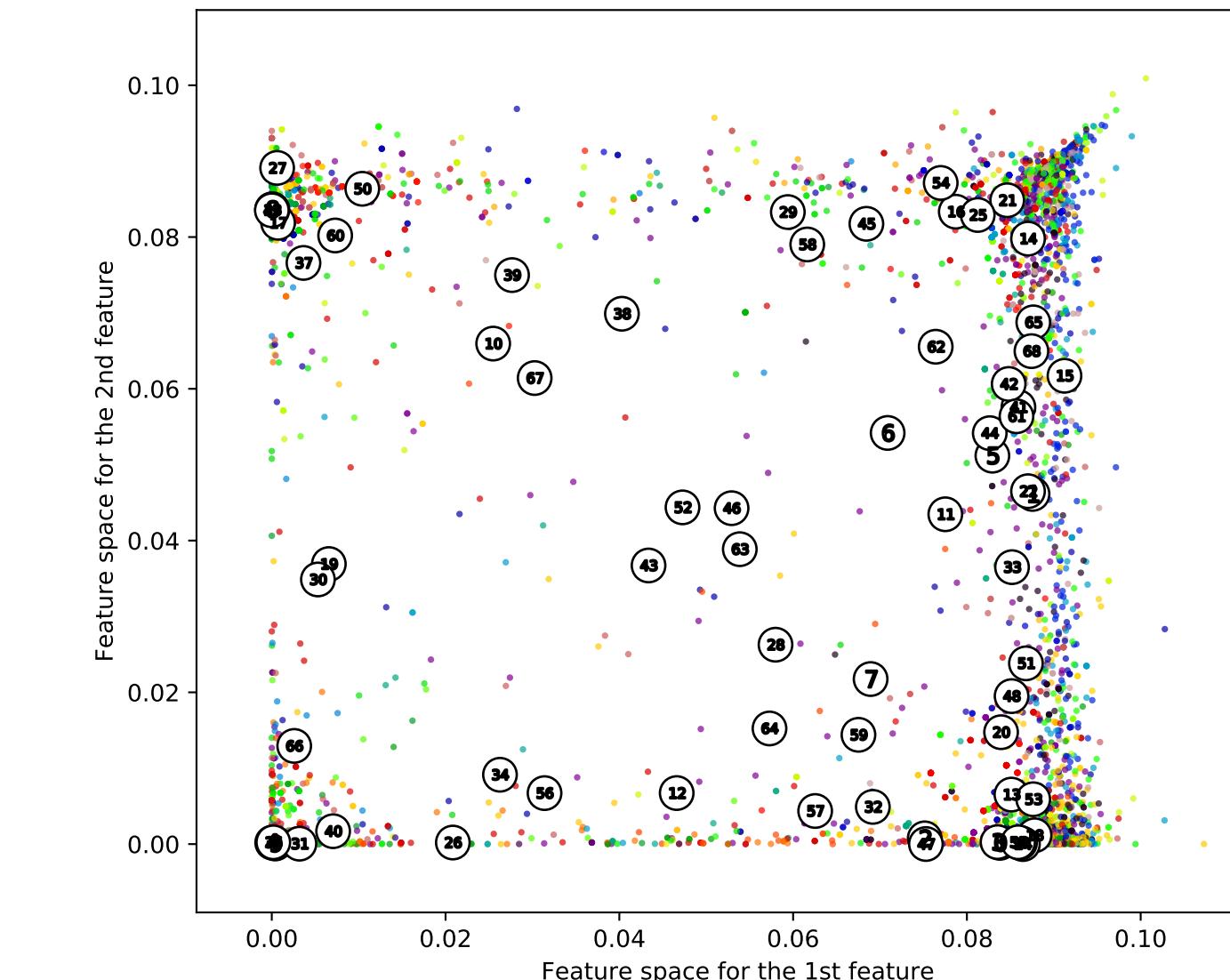


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 69 with Average Silhouette of: 0.3321365714073181

The silhouette plot for the various clusters.

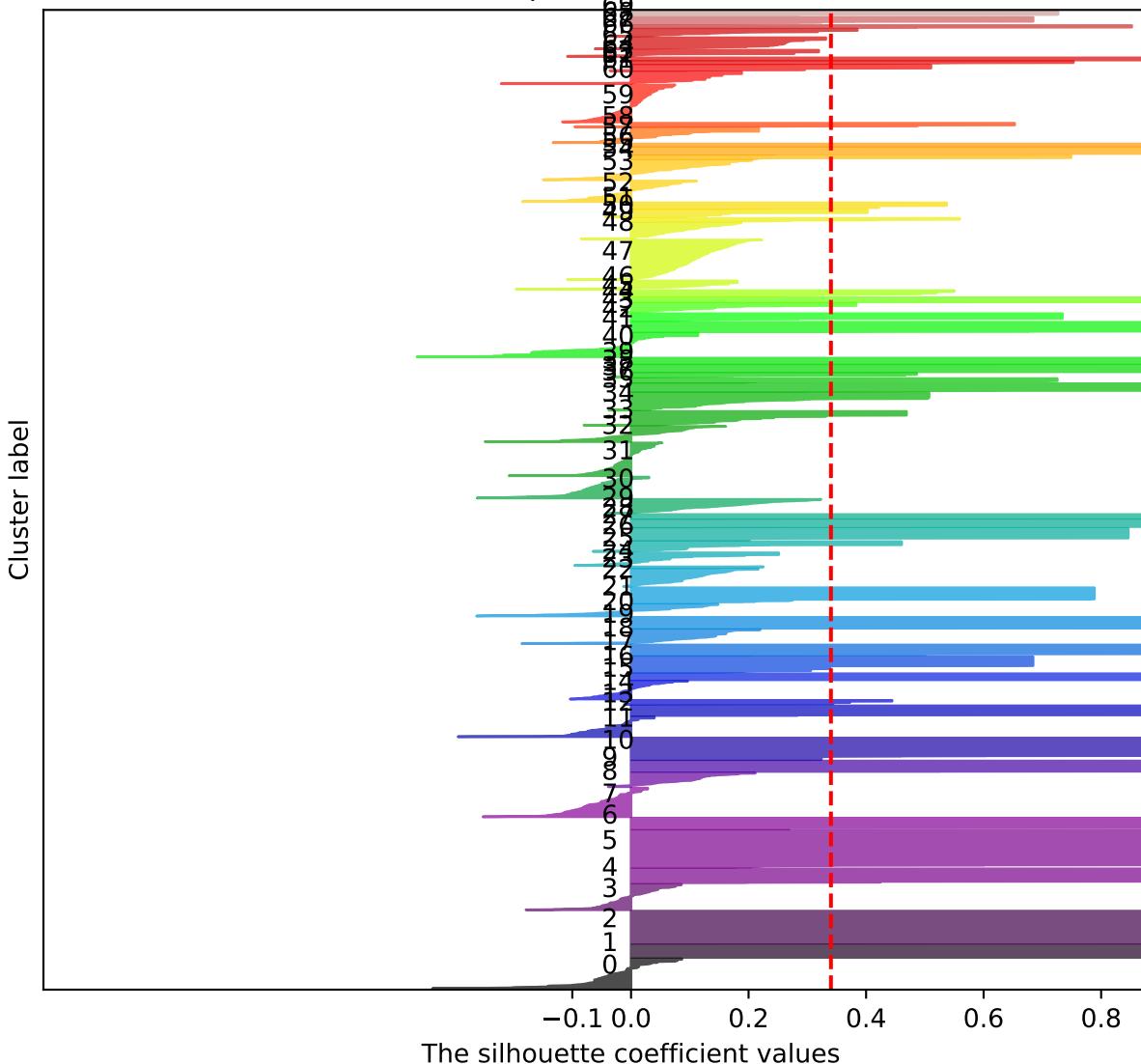


The visualization of the clustered data.

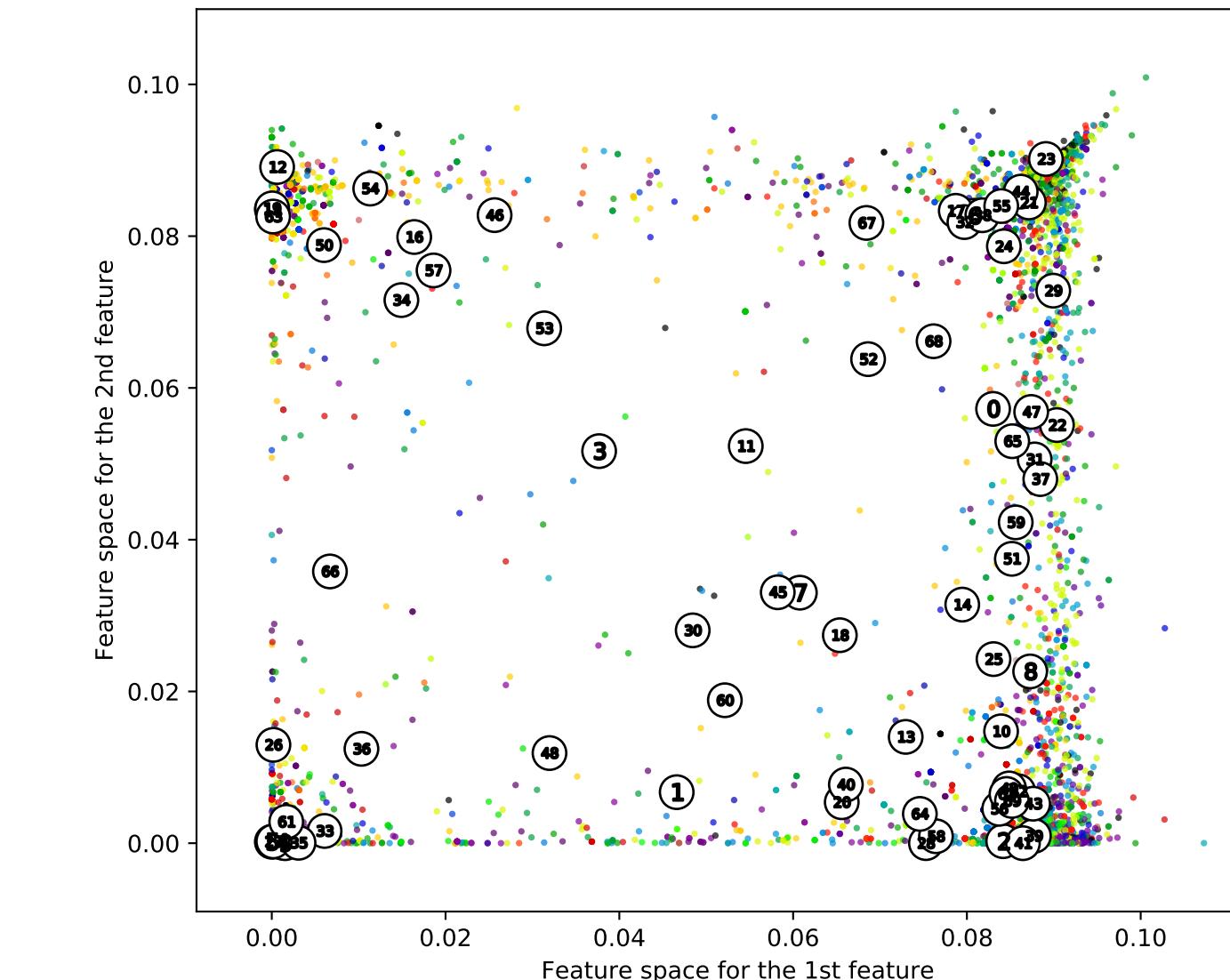


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 70 with Average Silhouette of: 0.3402068614959717

The silhouette plot for the various clusters.

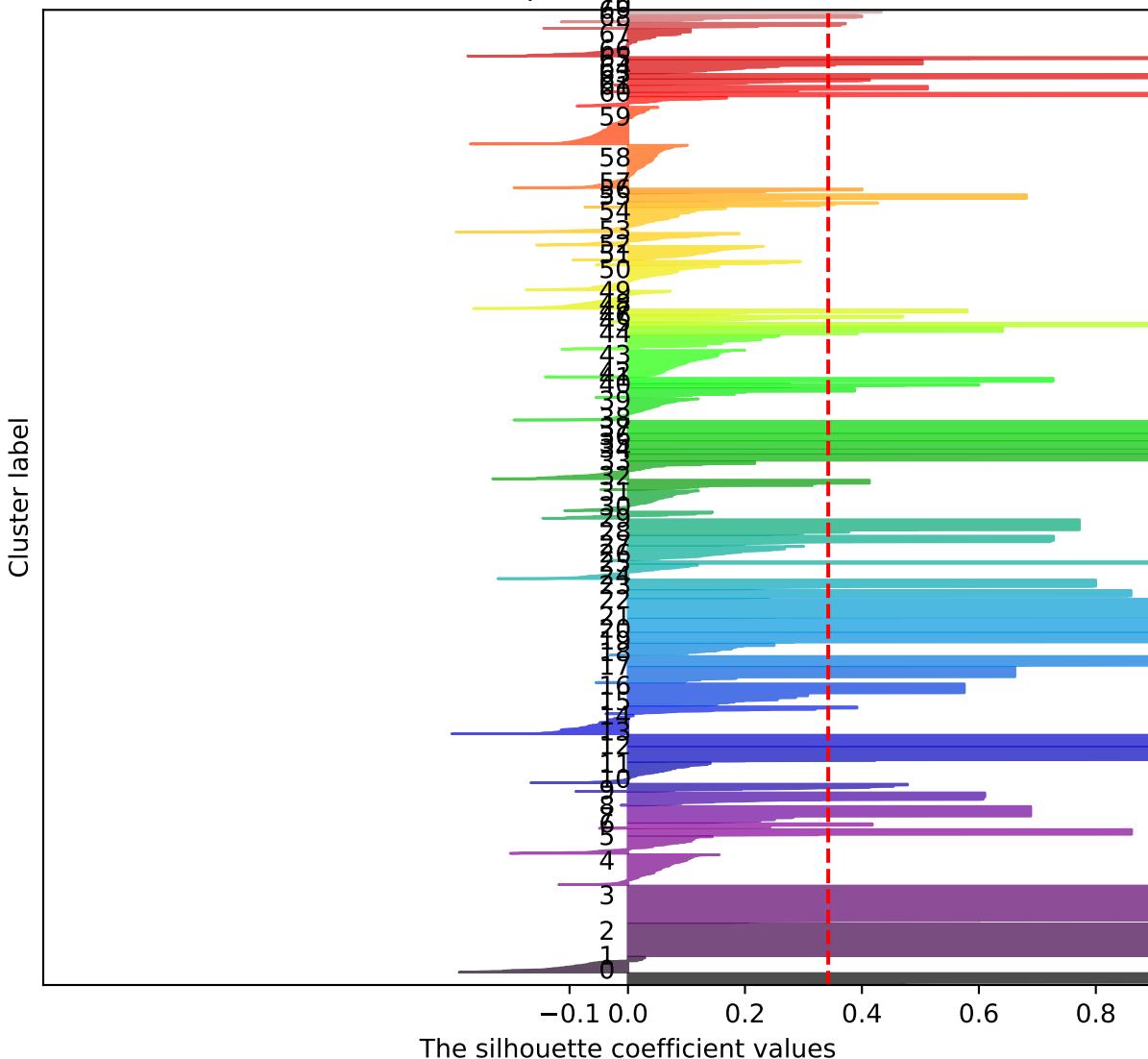


The visualization of the clustered data.

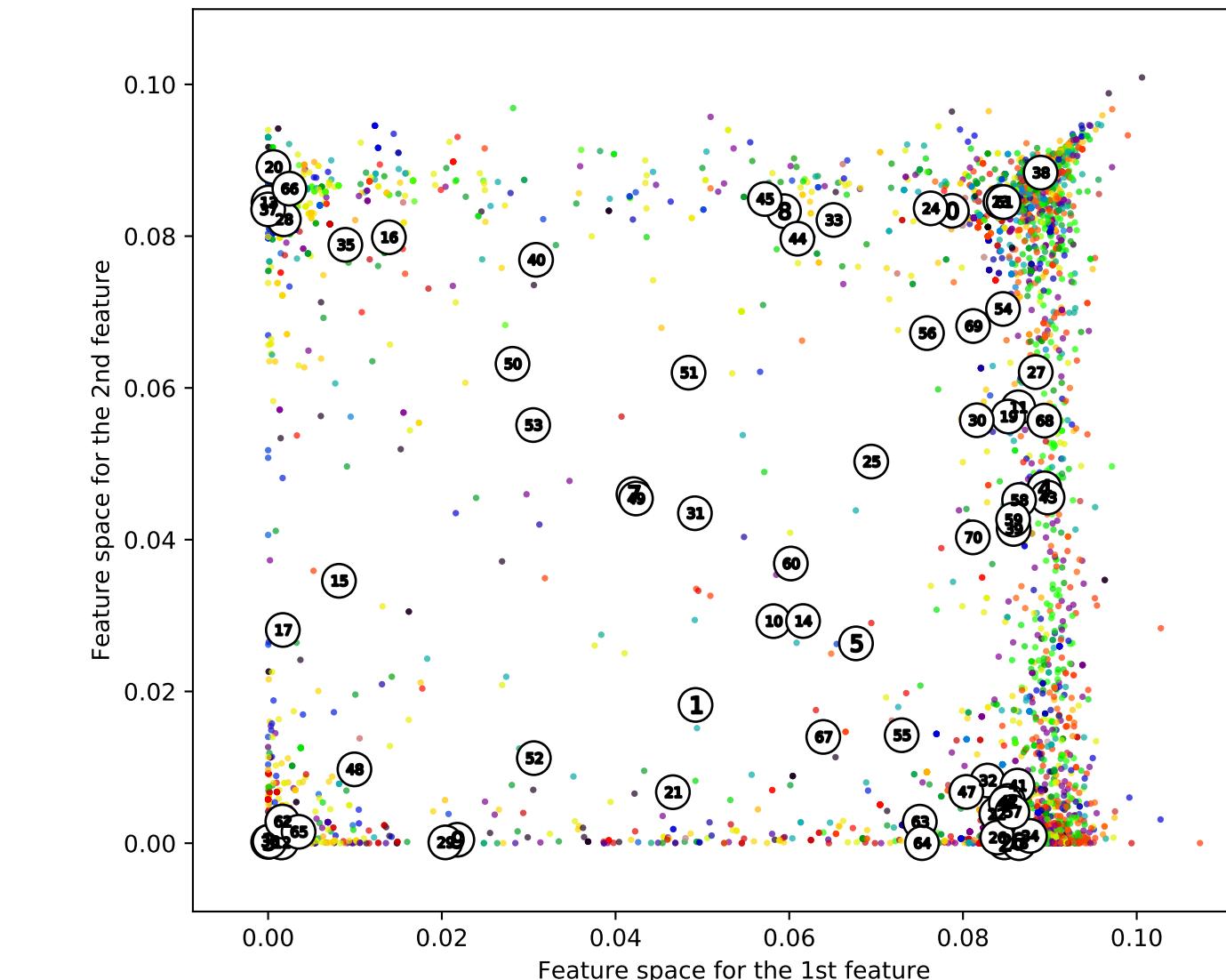


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 71 with Average Silhouette of: 0.3423728048801422

The silhouette plot for the various clusters.

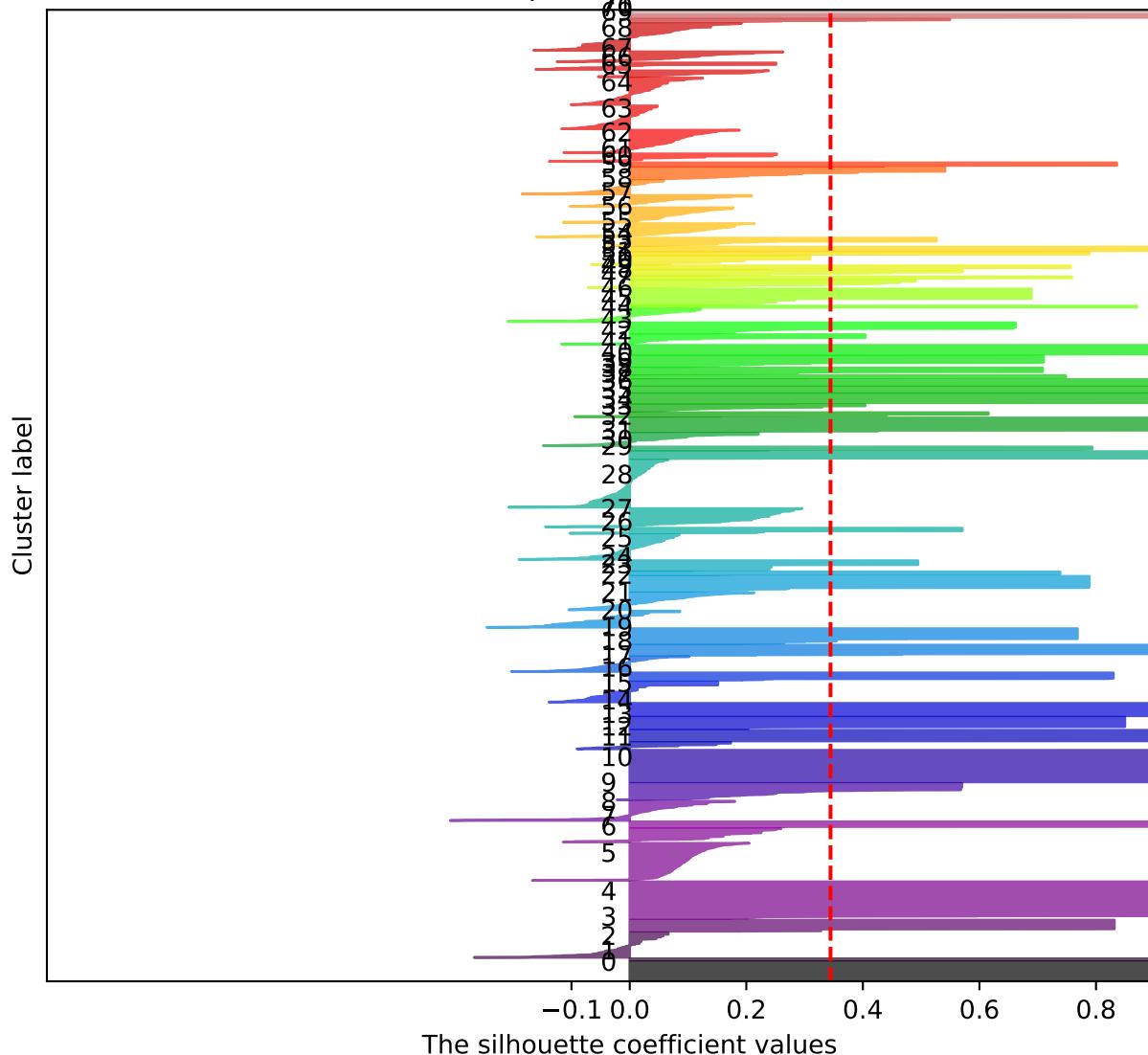


The visualization of the clustered data.

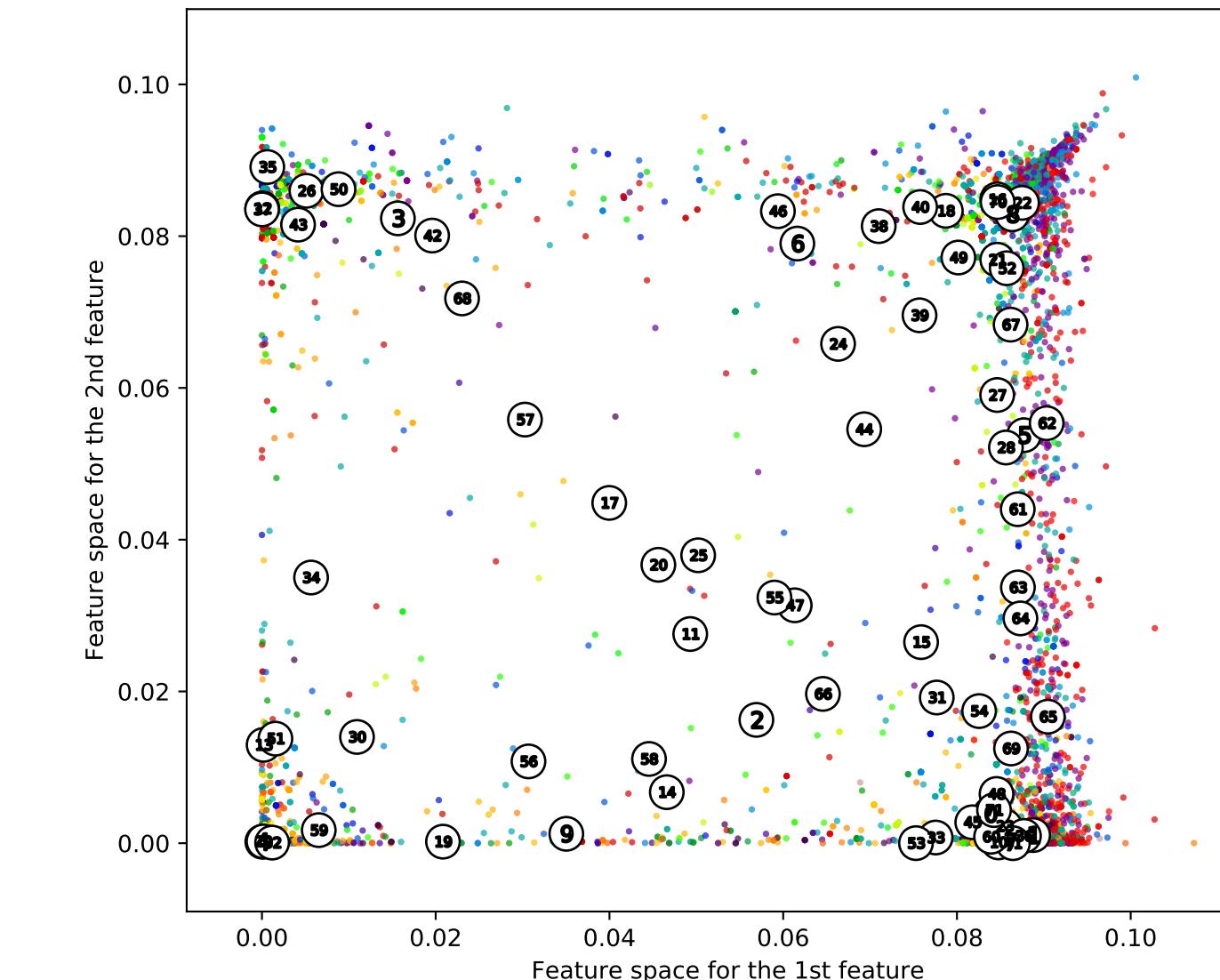


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 72 with Average Silhouette of: 0.3444453477859497

The silhouette plot for the various clusters.

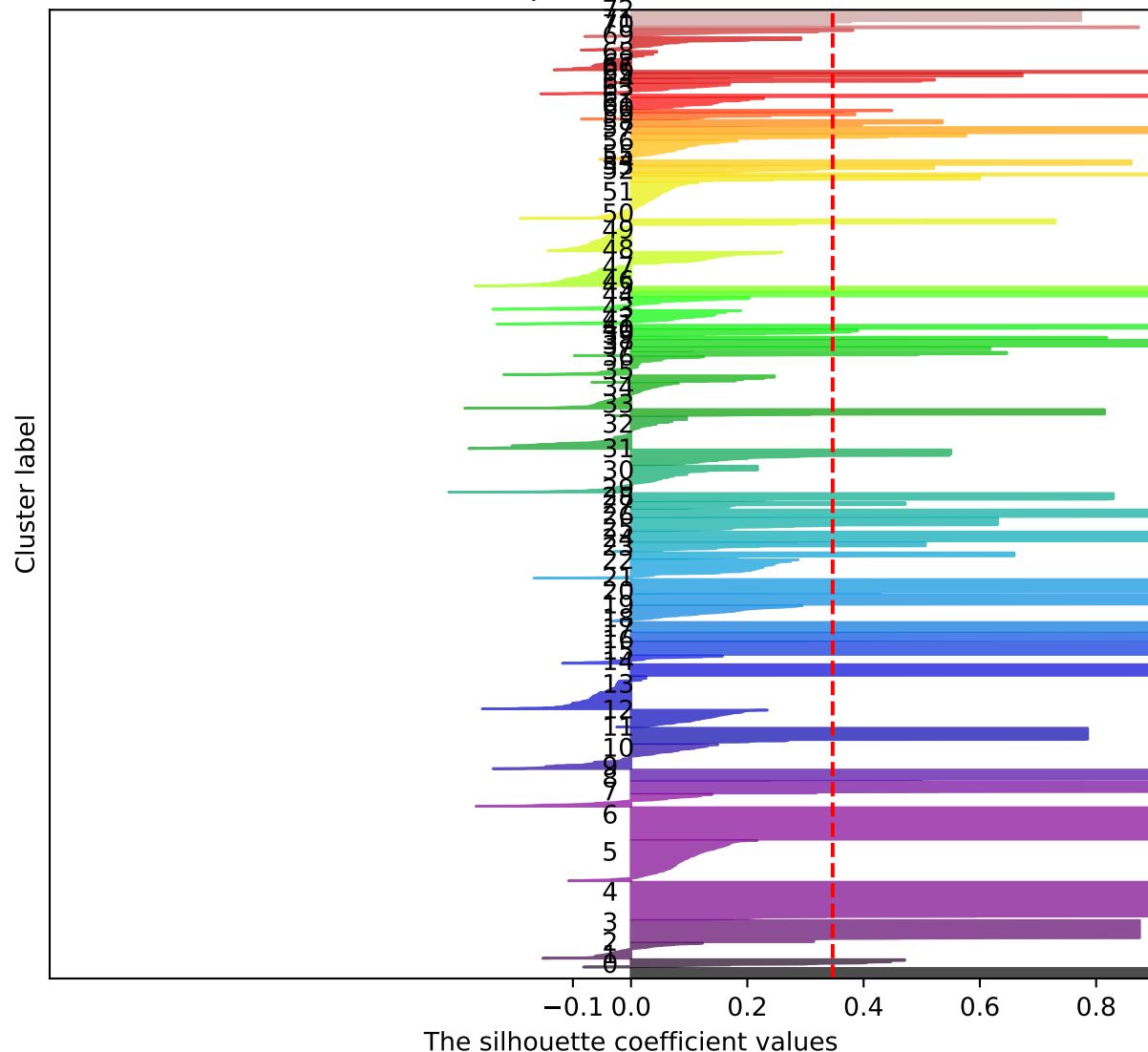


The visualization of the clustered data.

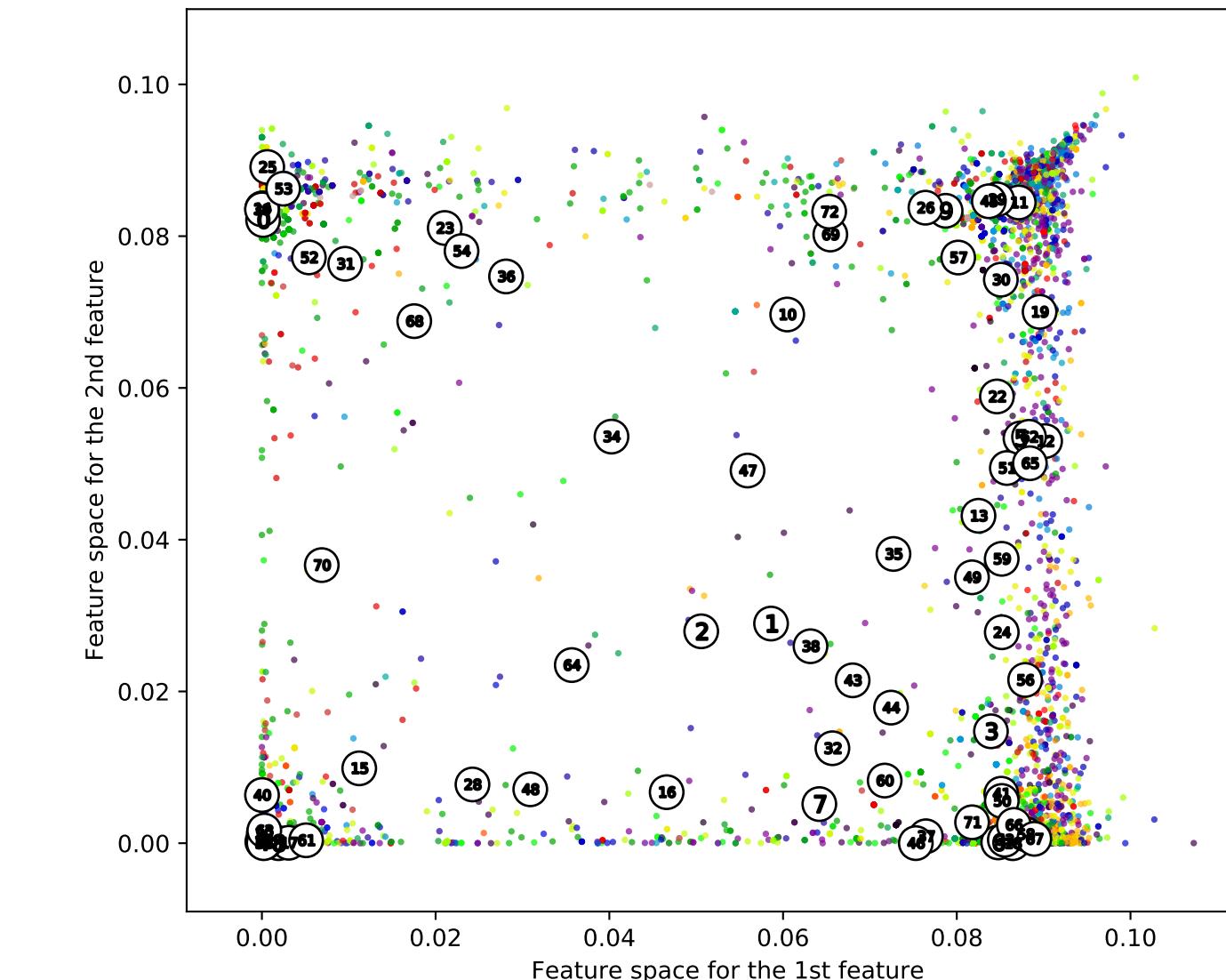


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 73 with Average Silhouette of: 0.3467690646648407

The silhouette plot for the various clusters.

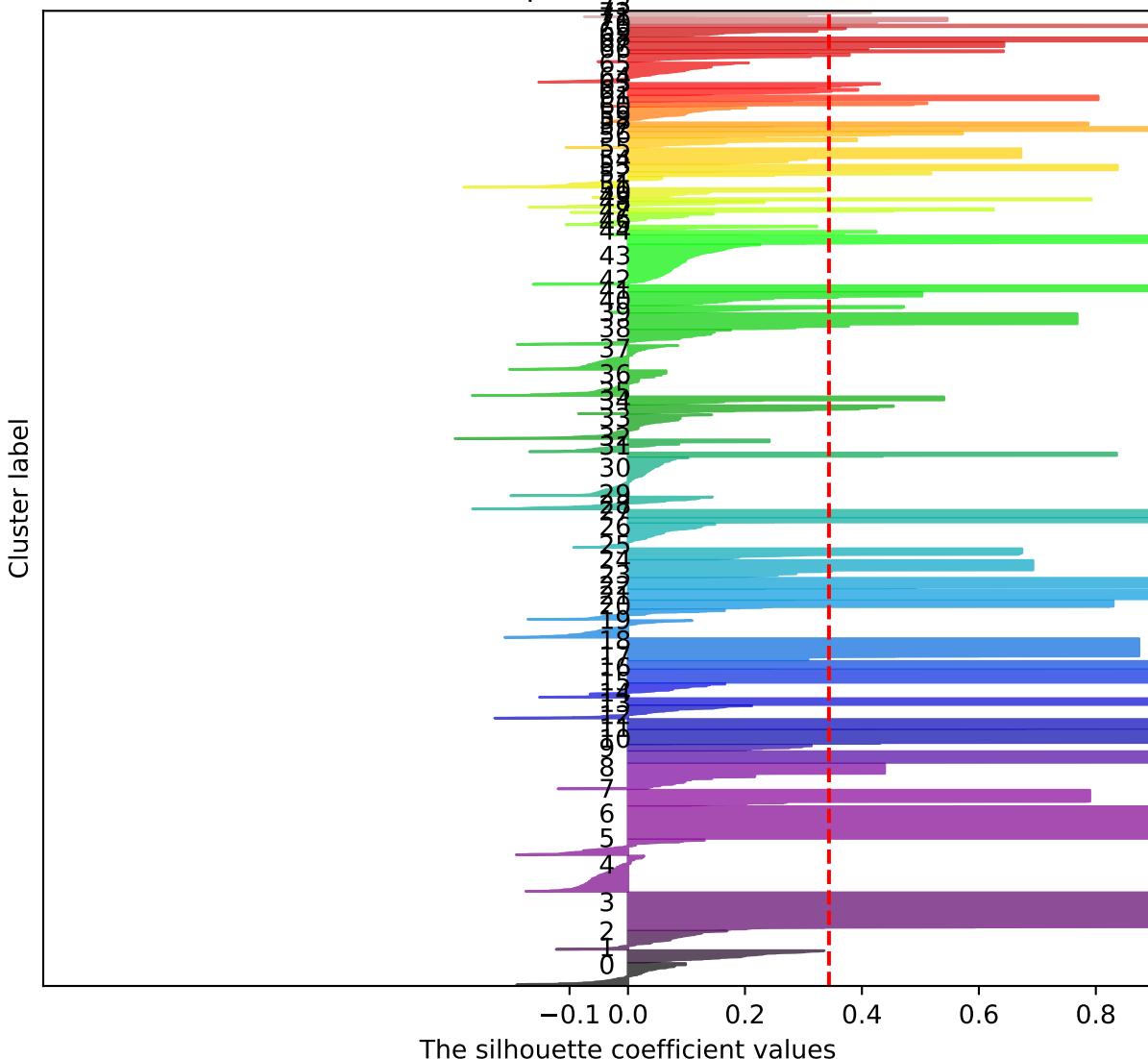


The visualization of the clustered data.

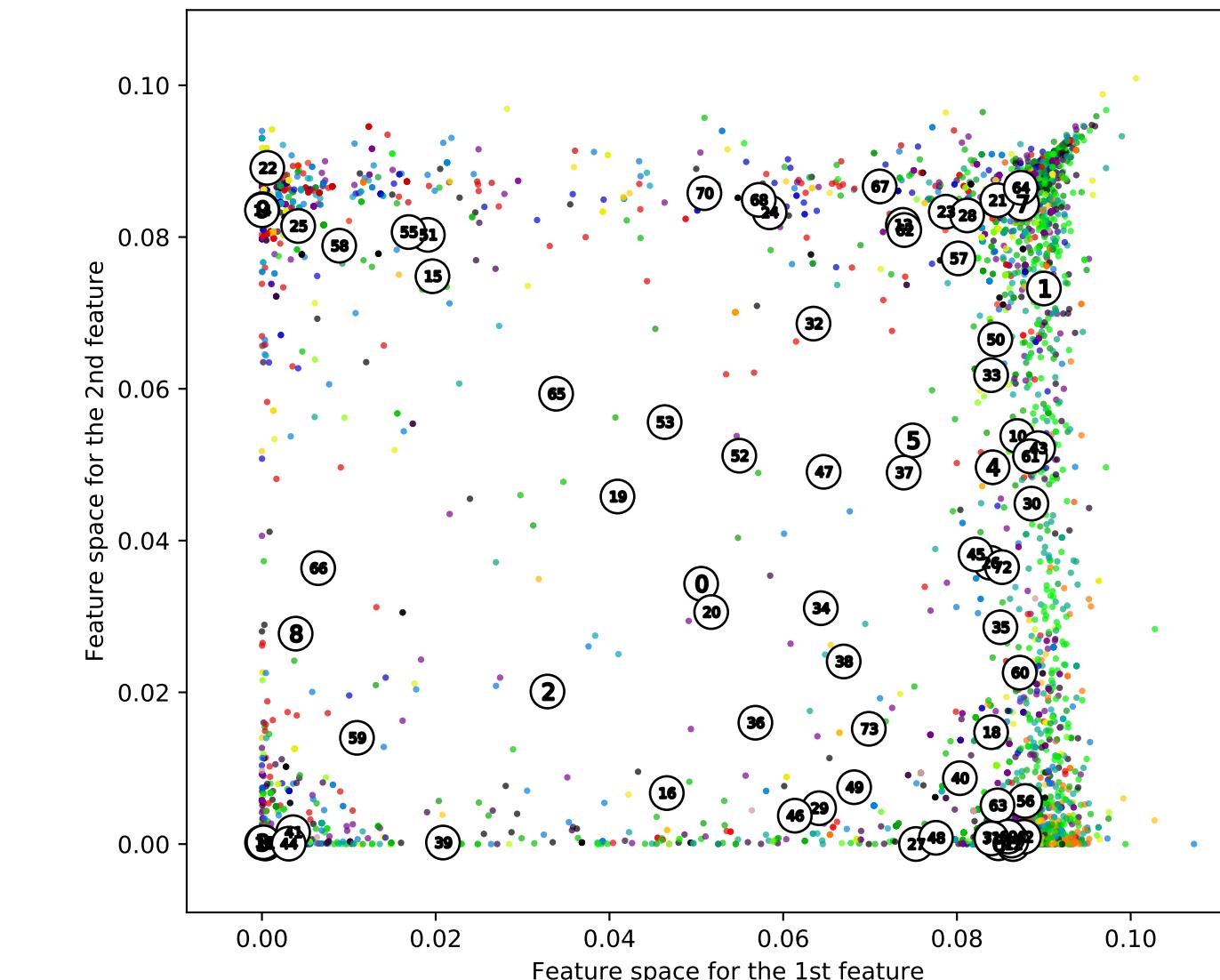


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 74 with Average Silhouette of: 0.3436684012413025

The silhouette plot for the various clusters.

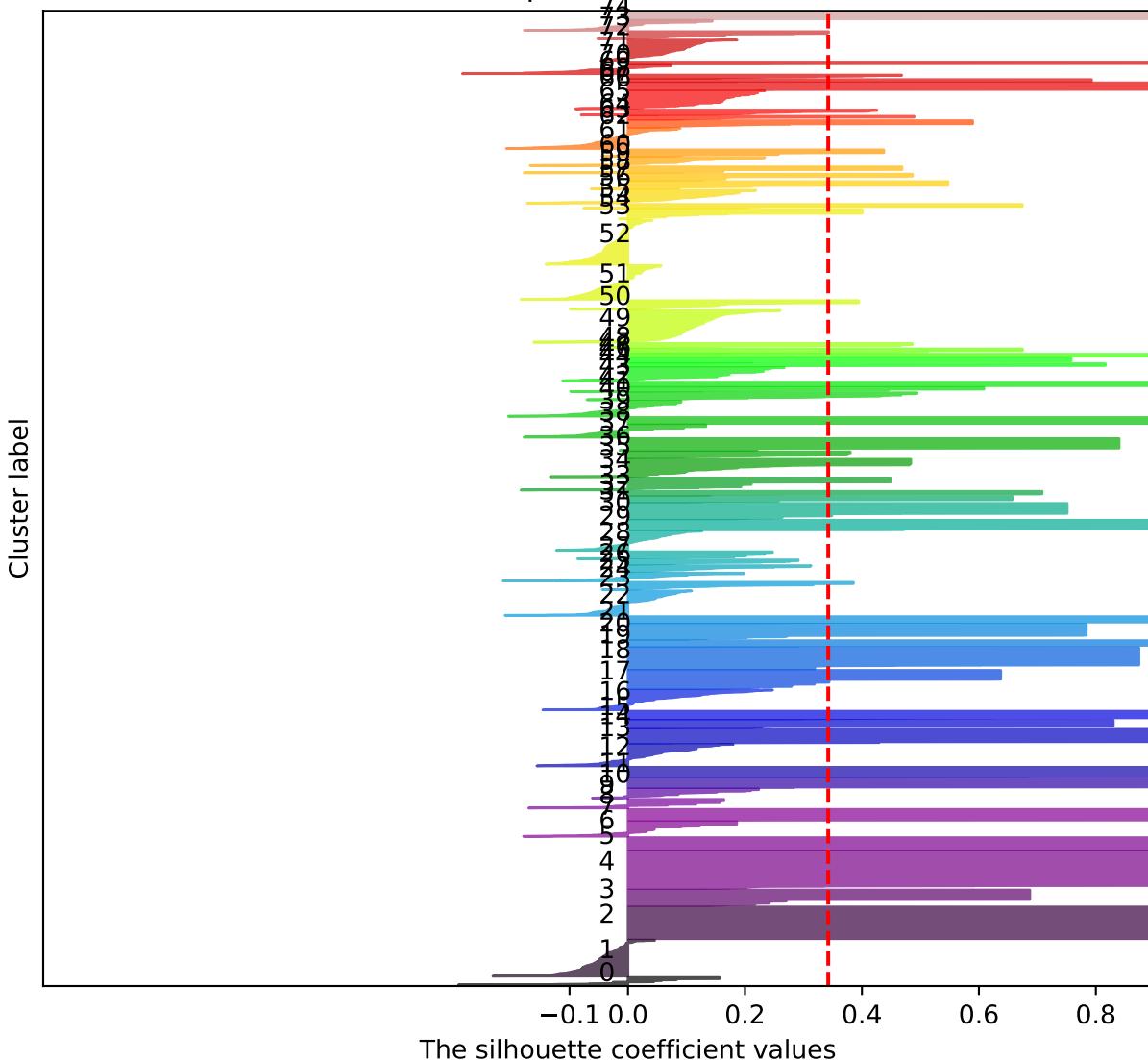


The visualization of the clustered data.

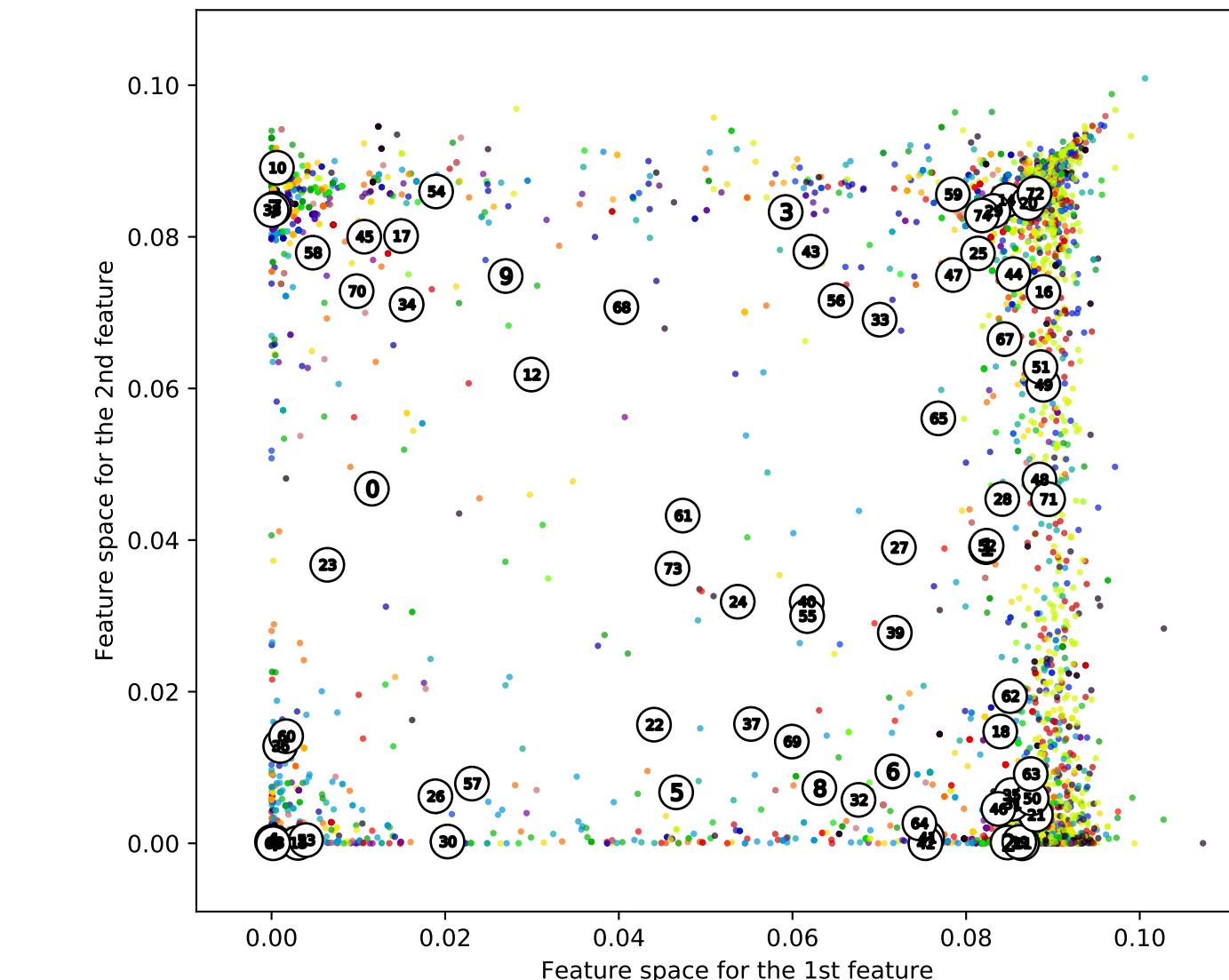


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 75 with Average Silhouette of: 0.34238407015800476

The silhouette plot for the various clusters.

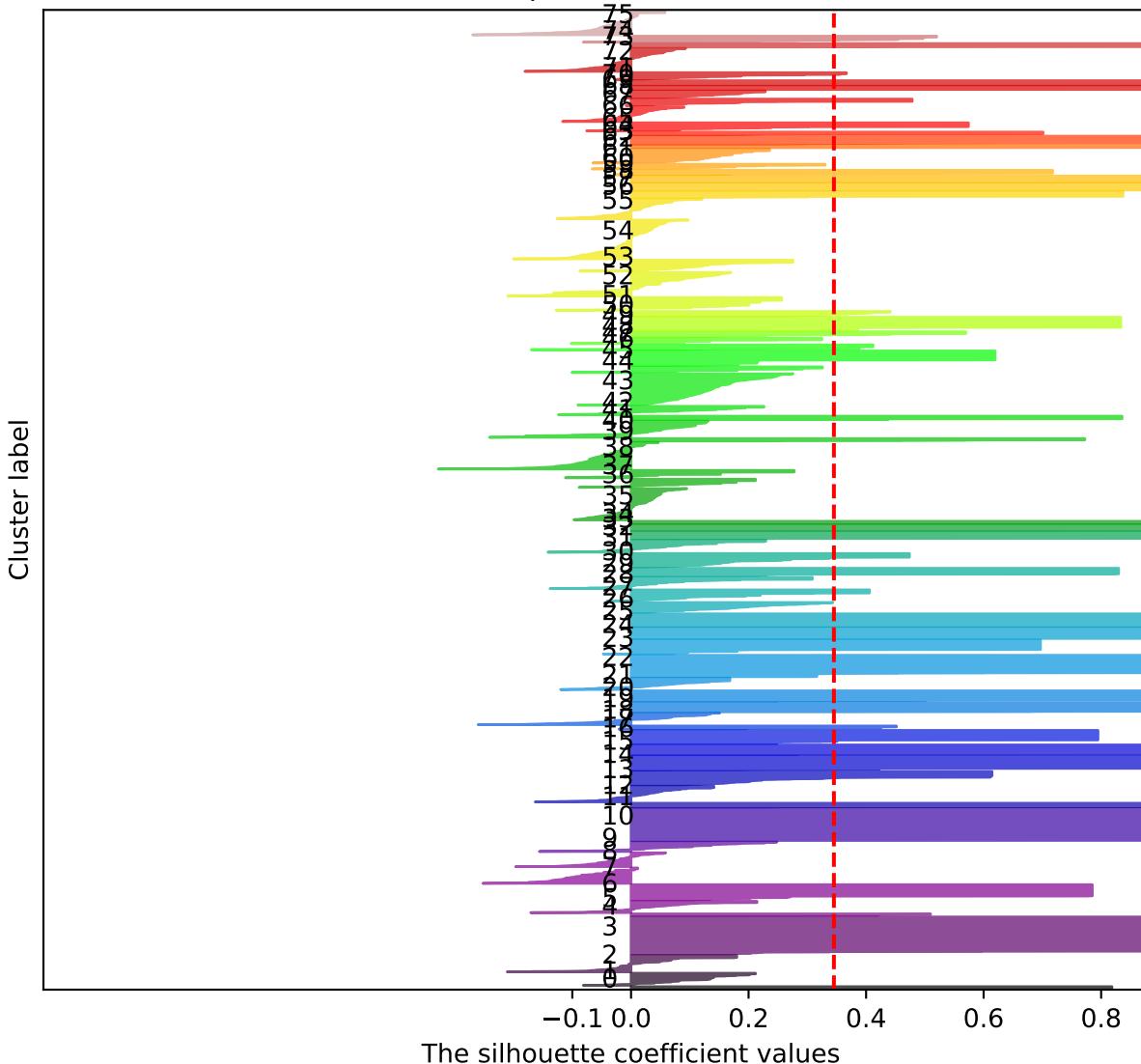


The visualization of the clustered data.

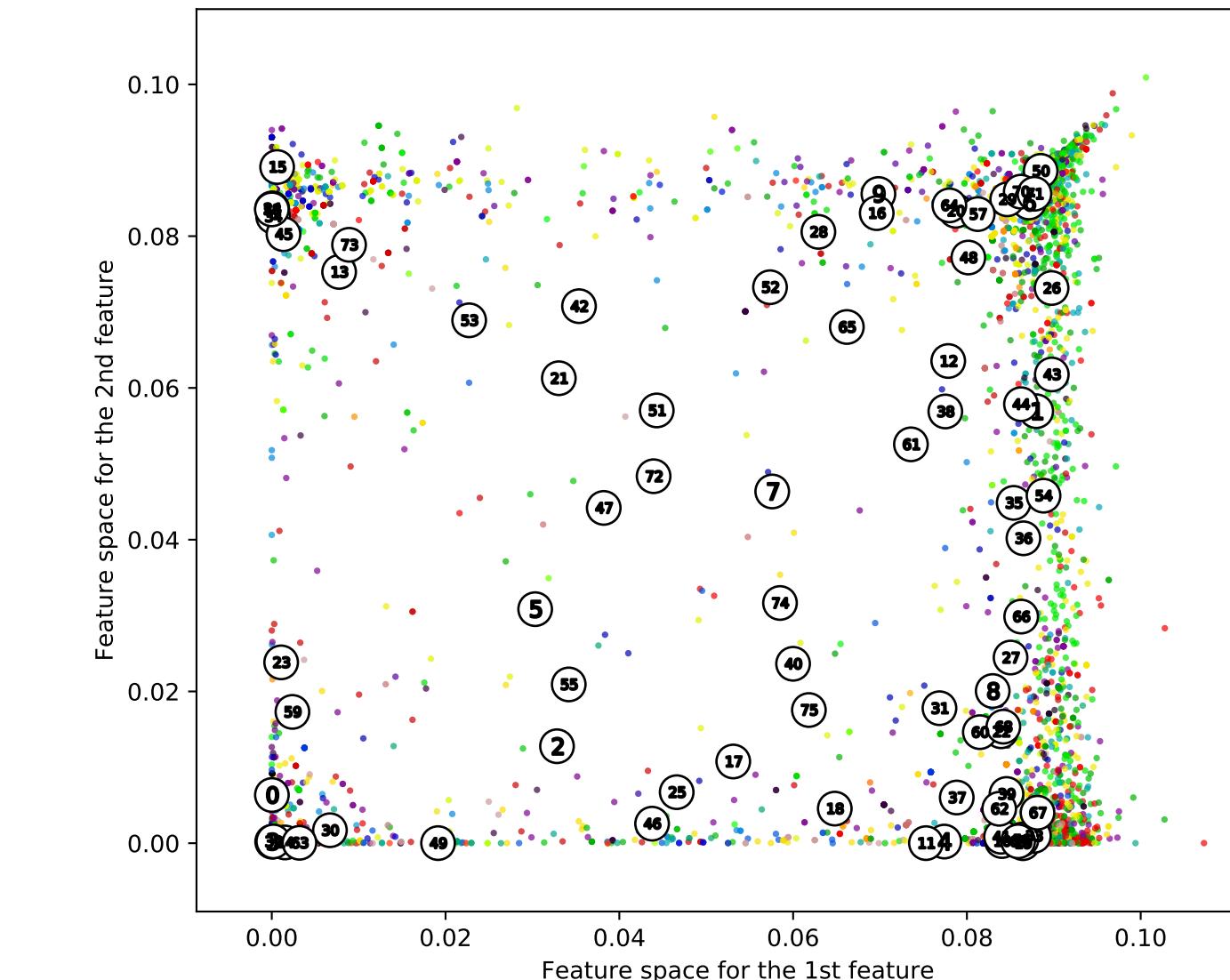


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 76 with Average Silhouette of: 0.34523868560791016

The silhouette plot for the various clusters.

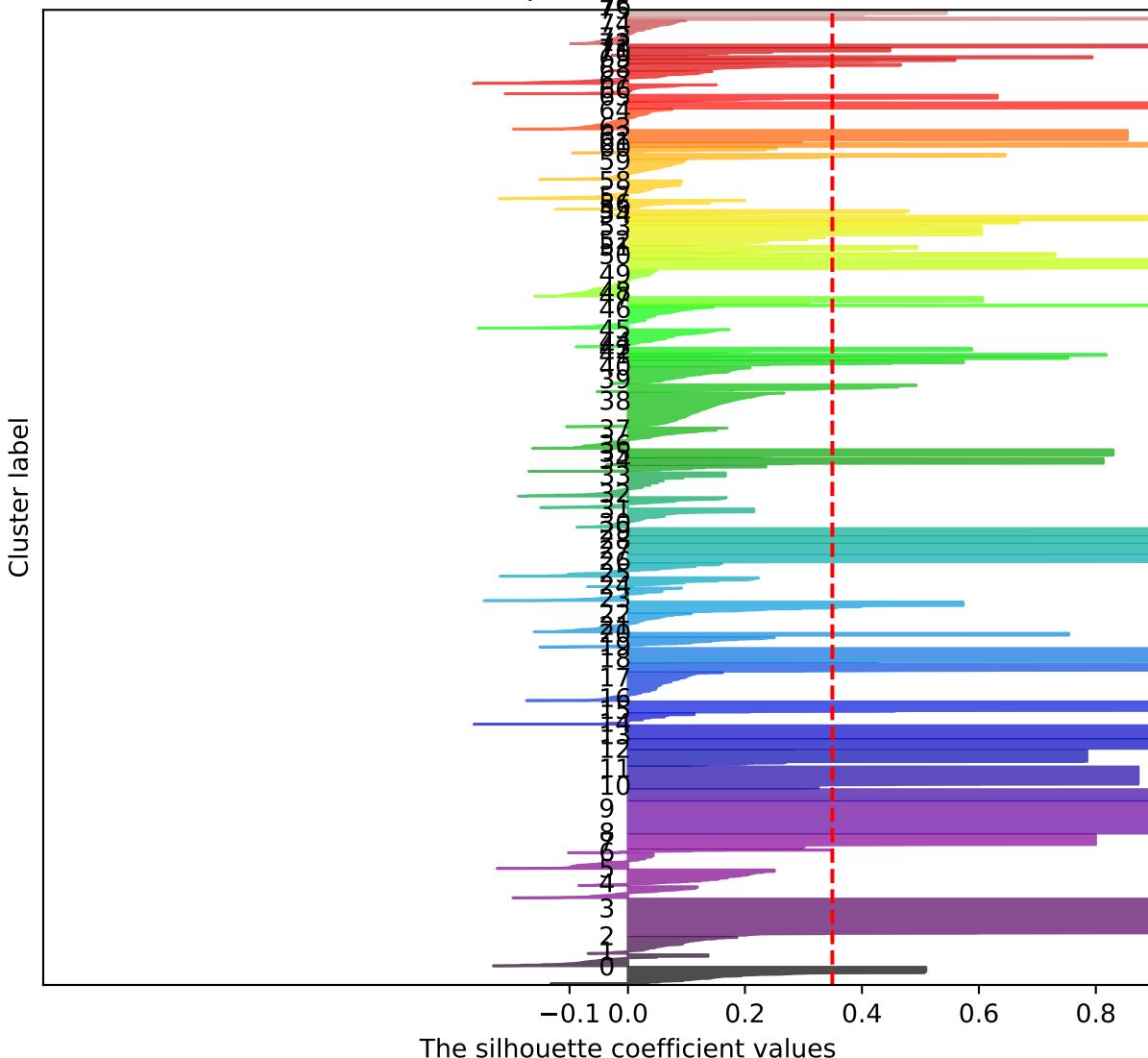


The visualization of the clustered data.

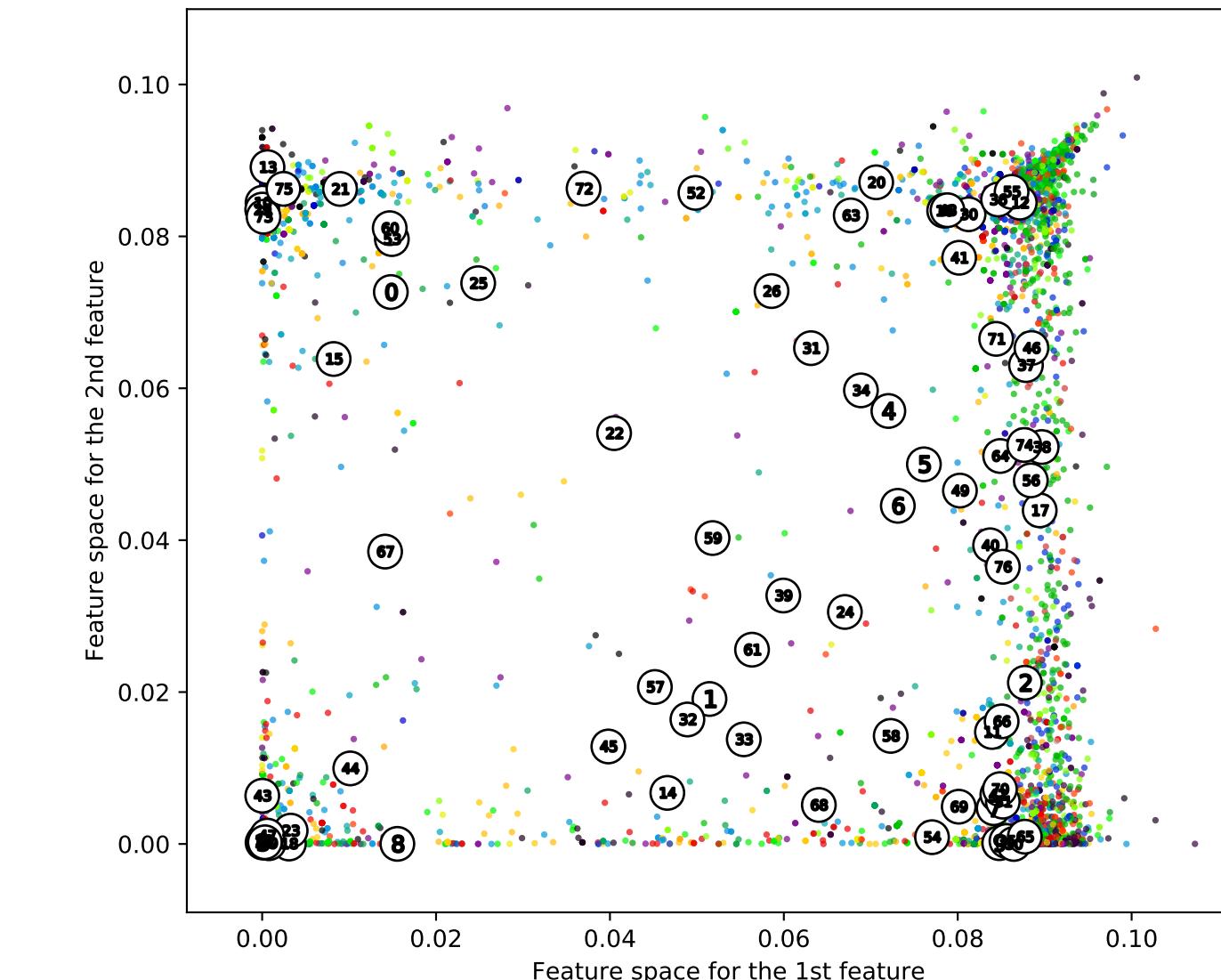


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 77 with Average Silhouette of: 0.3494194447994232

The silhouette plot for the various clusters.

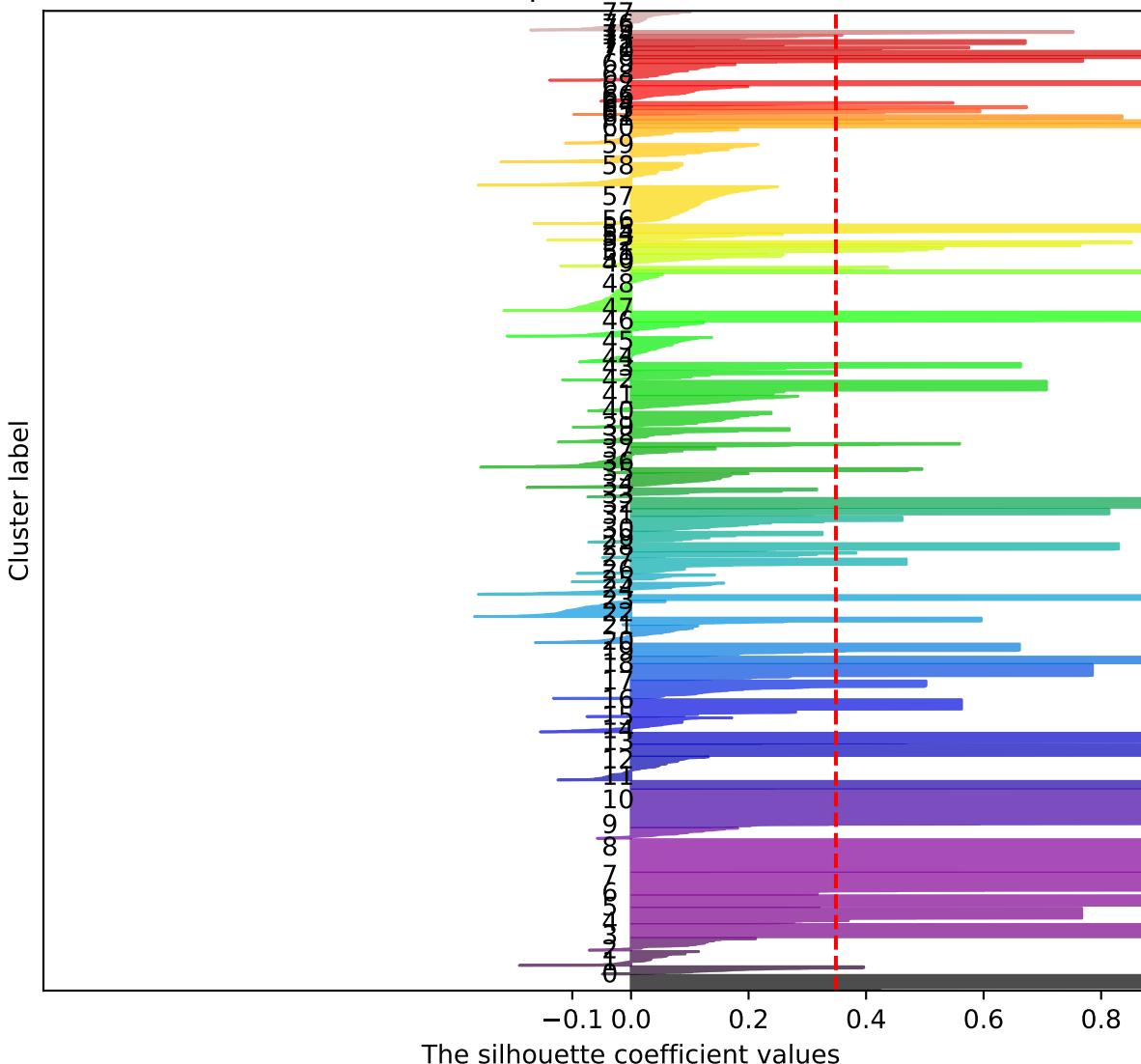


The visualization of the clustered data.

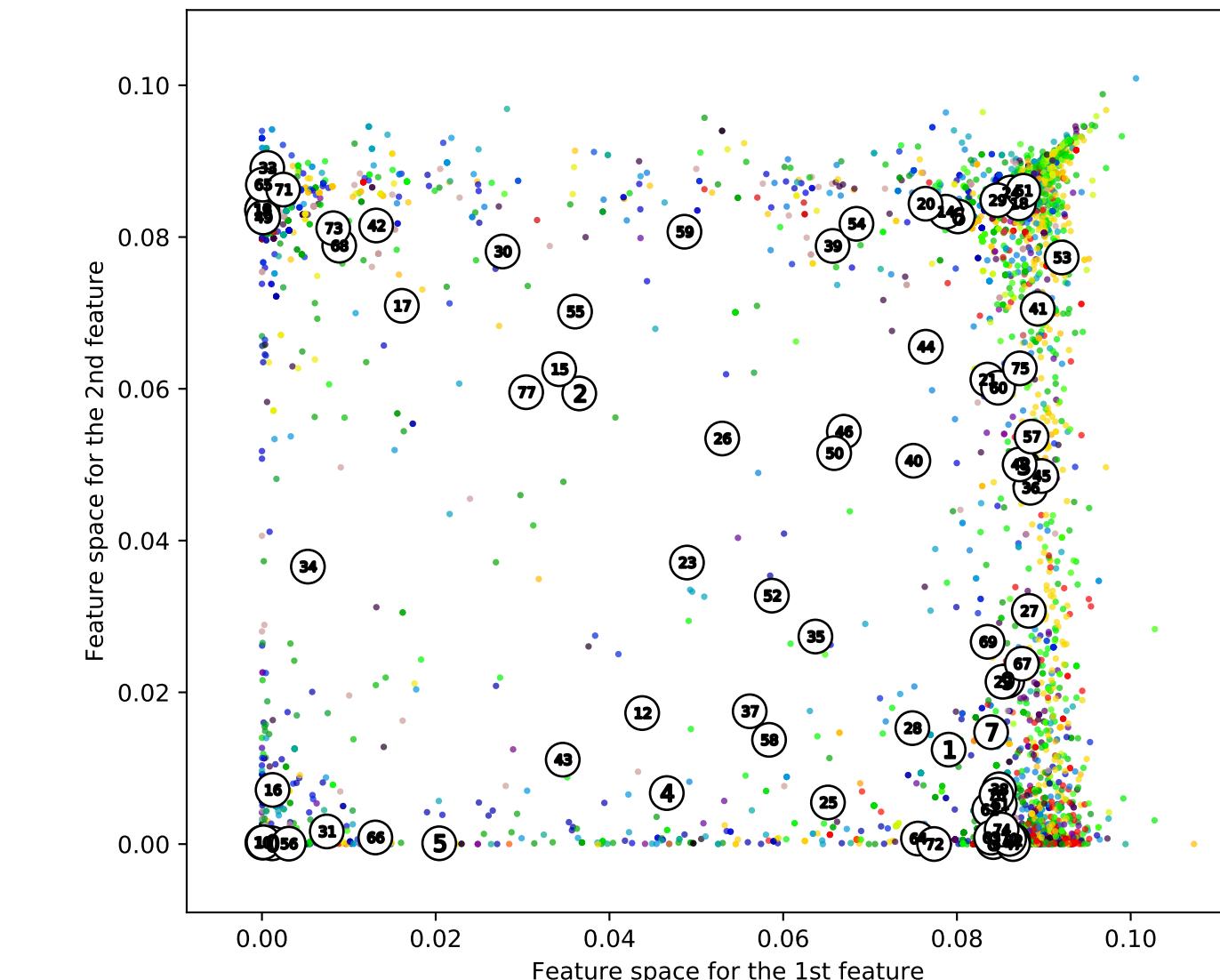


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 78 with Average Silhouette of: 0.3486253619194031

The silhouette plot for the various clusters.

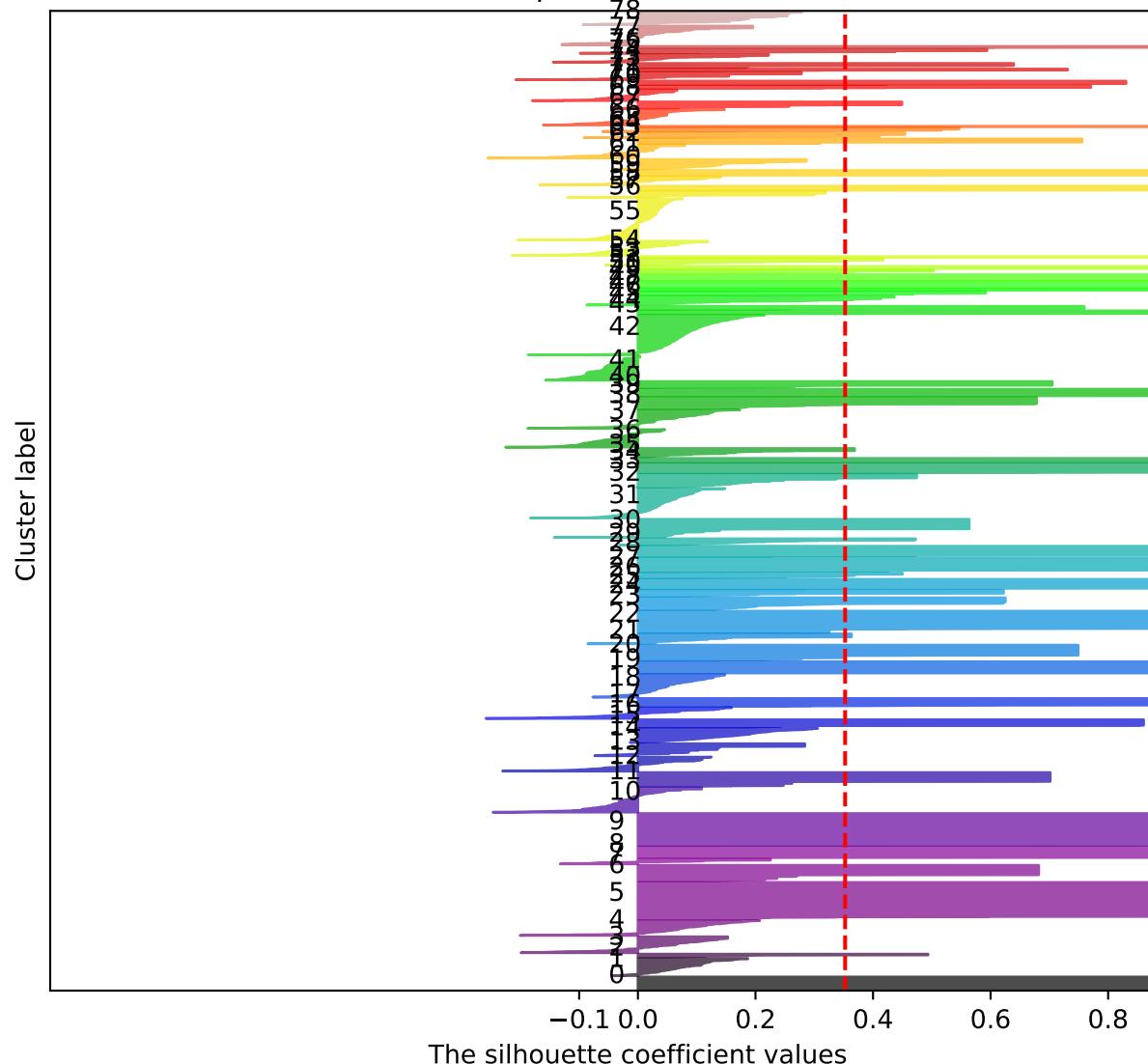


The visualization of the clustered data.

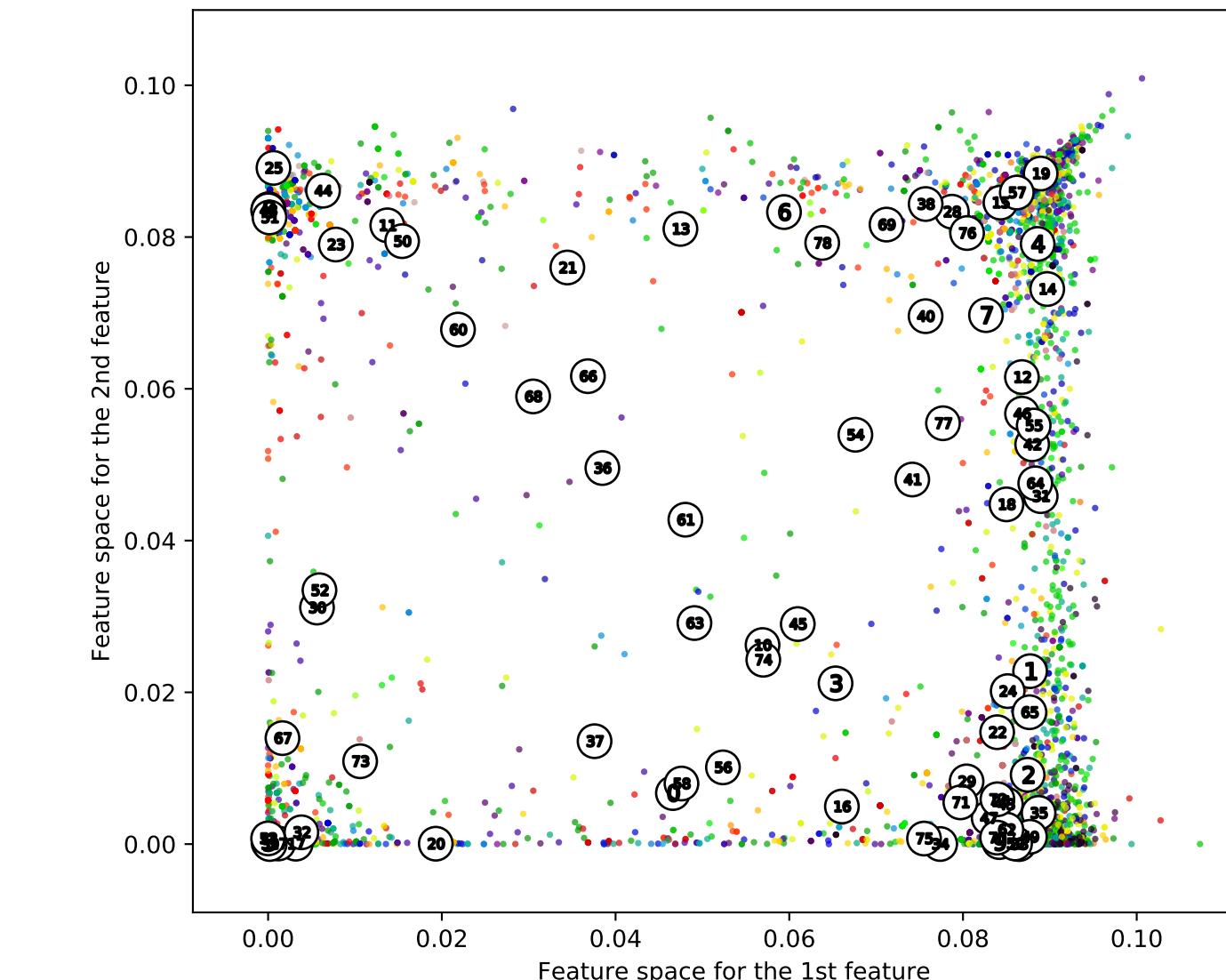


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 79 with Average Silhouette of: 0.3525024354457855

The silhouette plot for the various clusters.

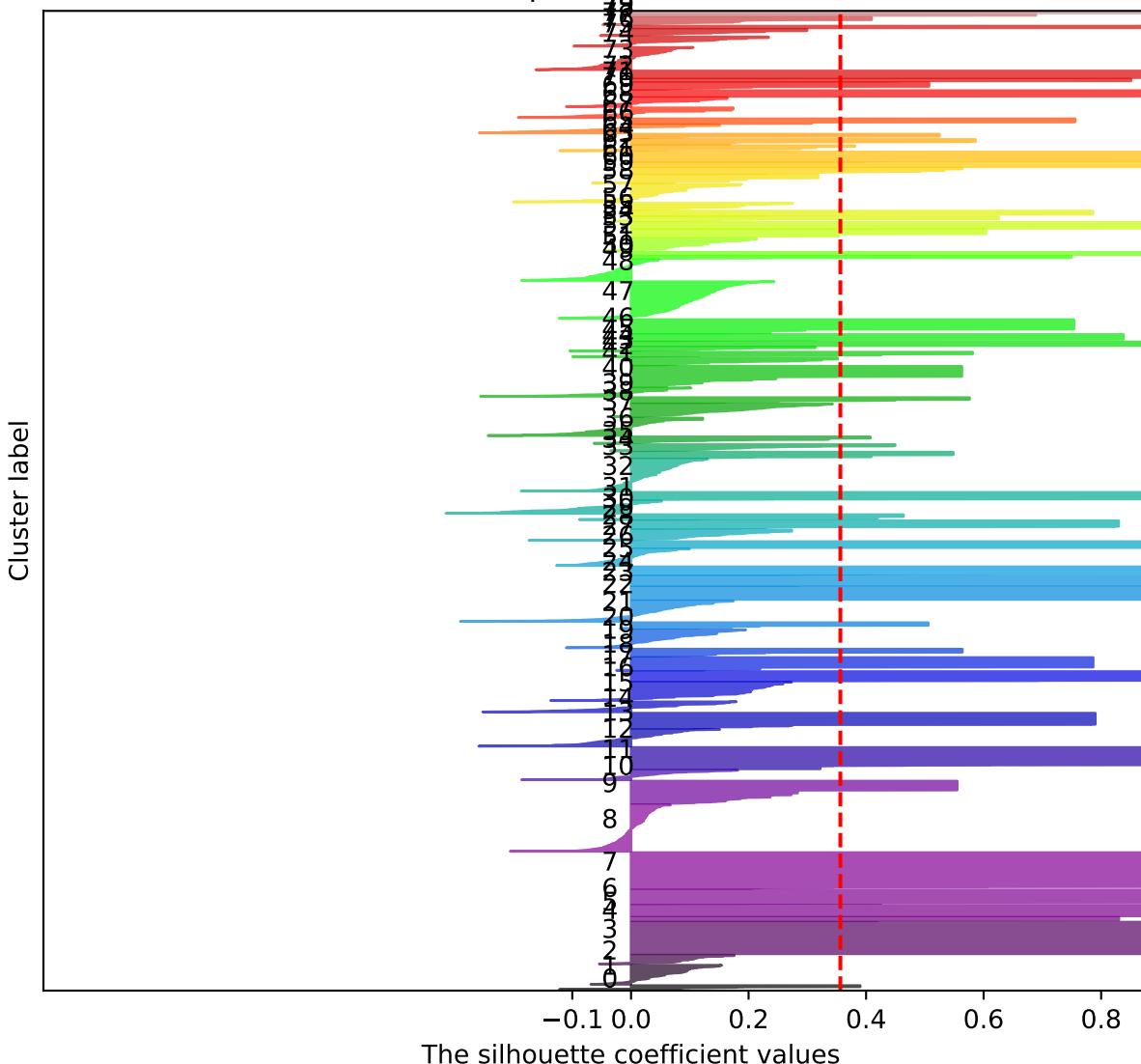


The visualization of the clustered data.

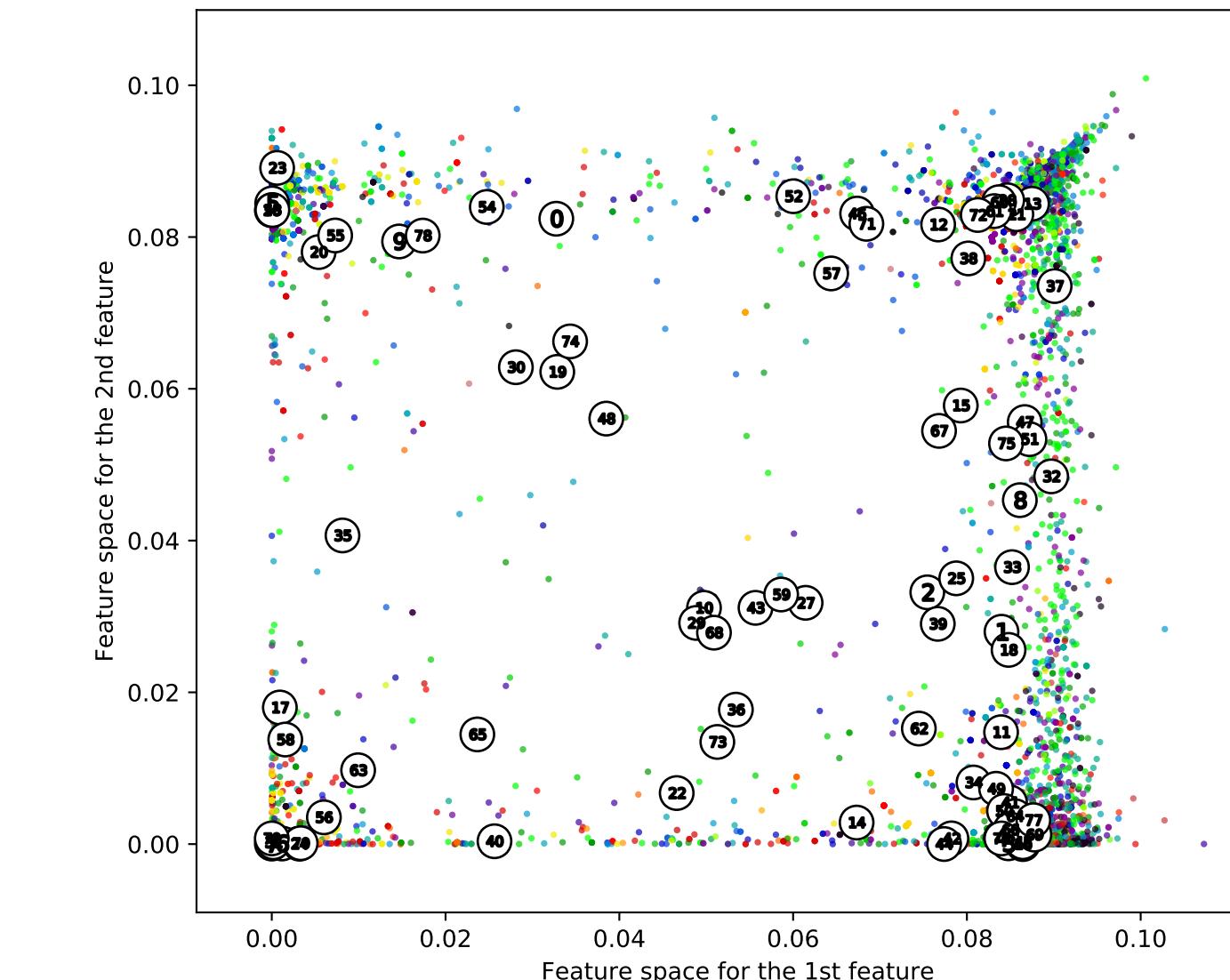


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 80 with Average Silhouette of: 0.3562341630458832

The silhouette plot for the various clusters.

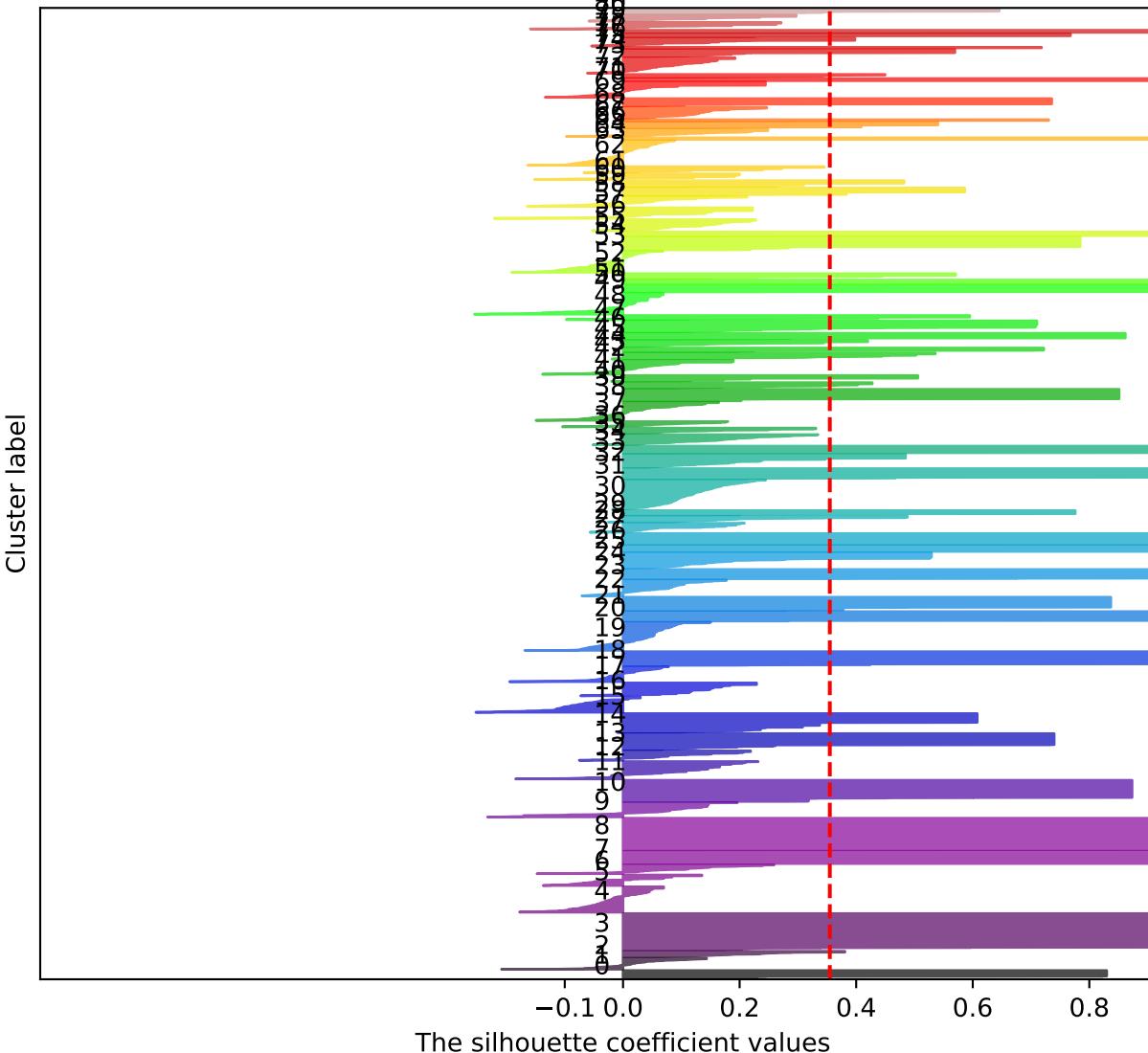


The visualization of the clustered data.

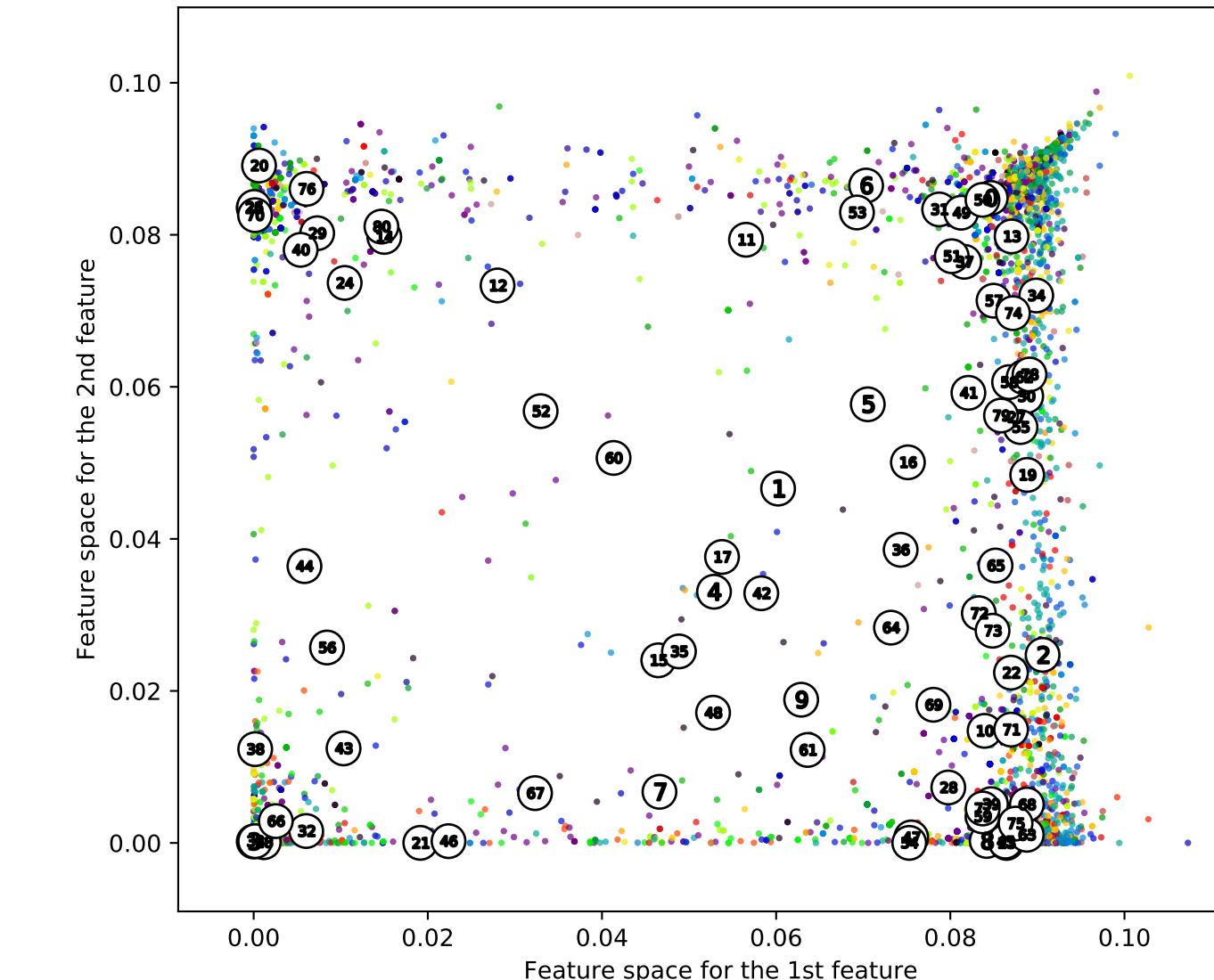


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 81 with Average Silhouette of: 0.35480058193206787

The silhouette plot for the various clusters.

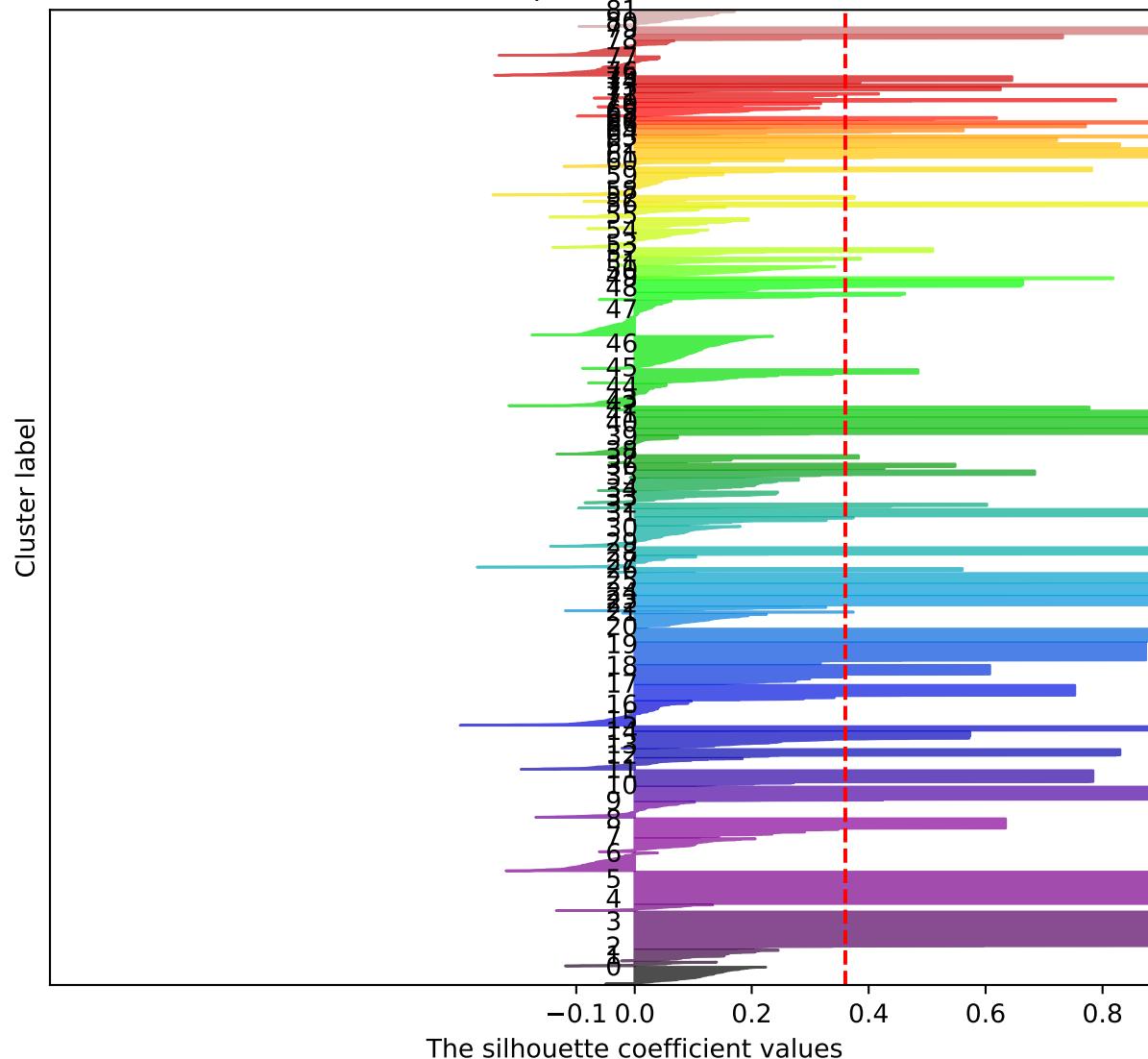


The visualization of the clustered data.

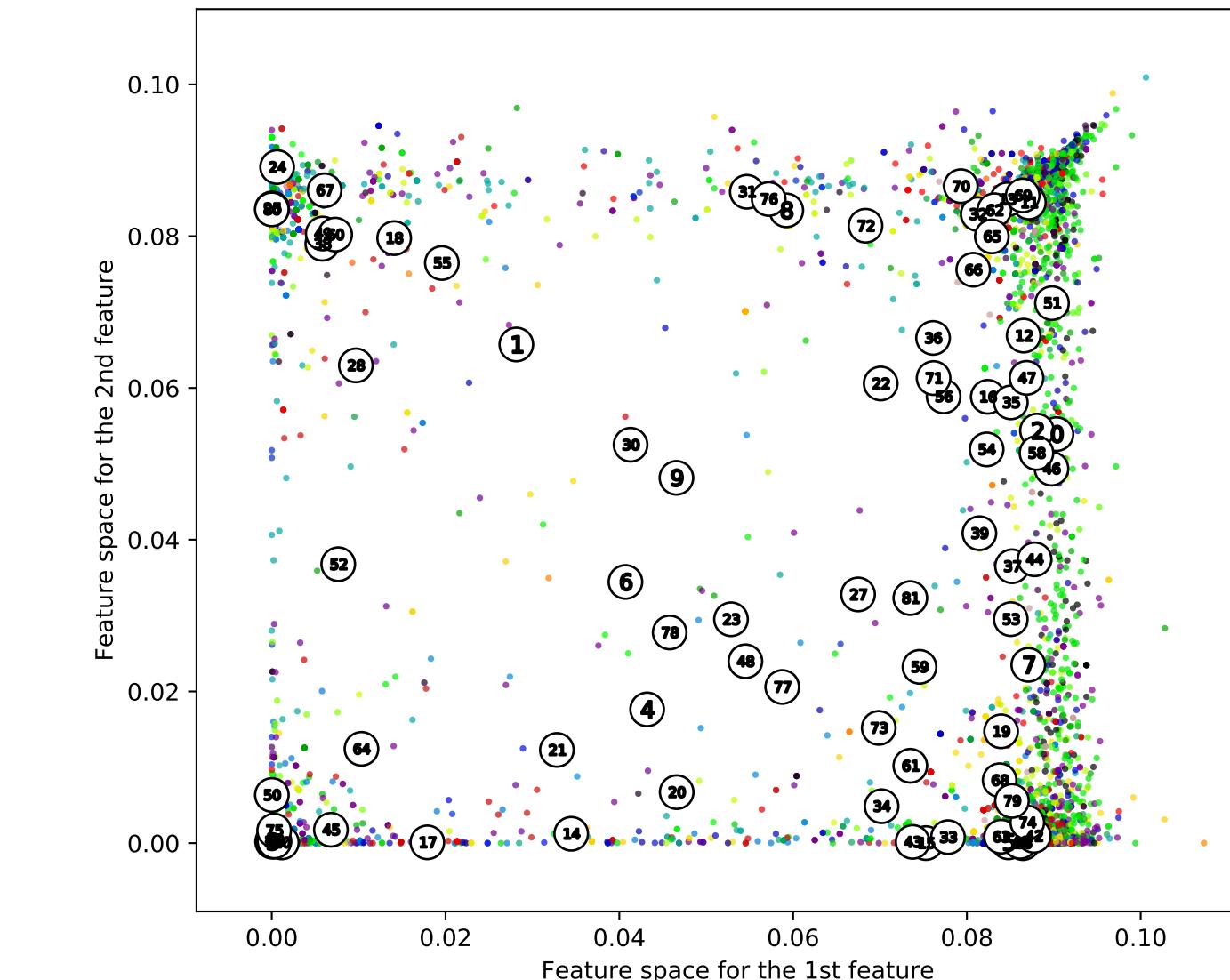


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 82 with Average Silhouette of: 0.36011022329330444

The silhouette plot for the various clusters.

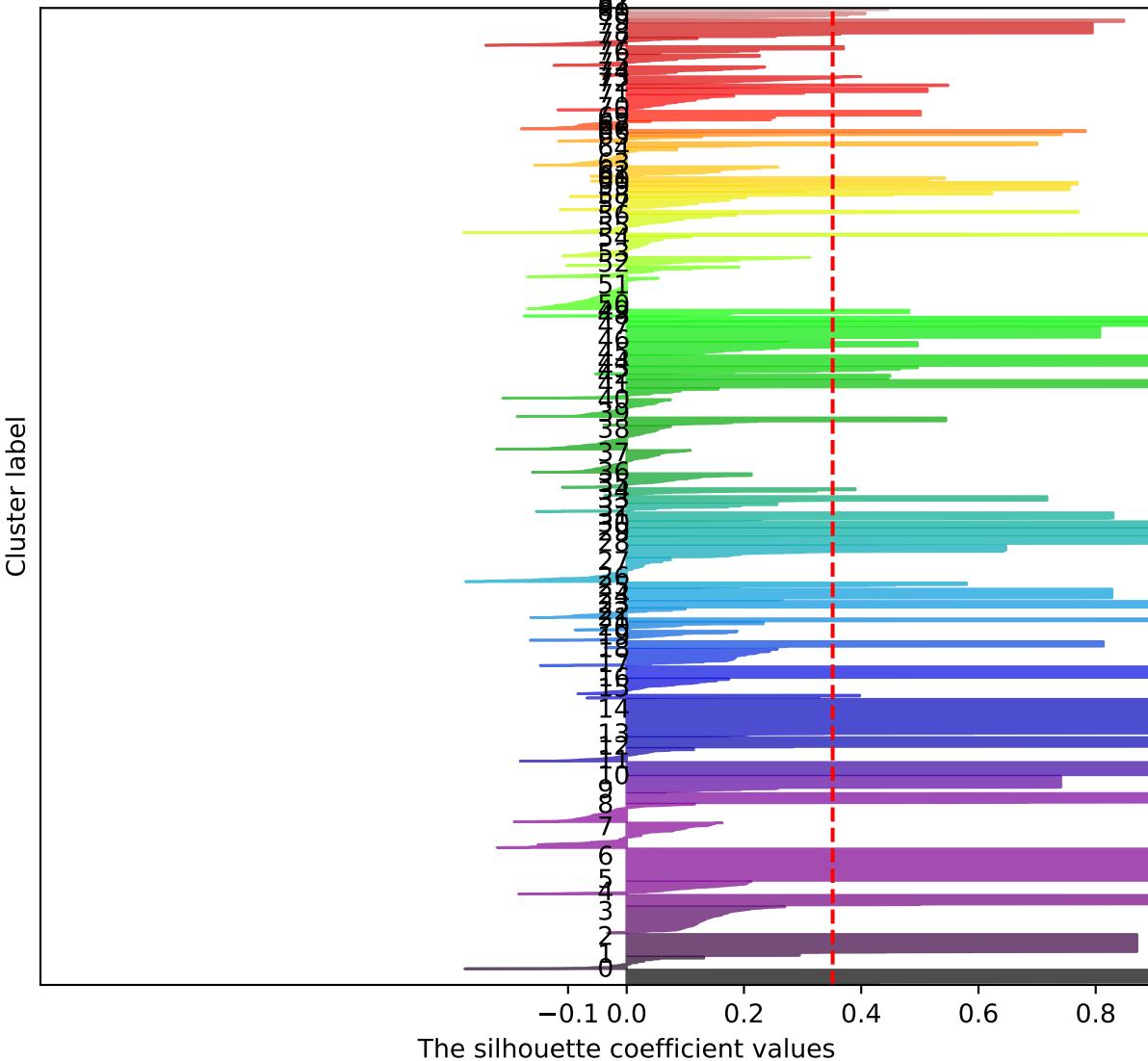


The visualization of the clustered data.

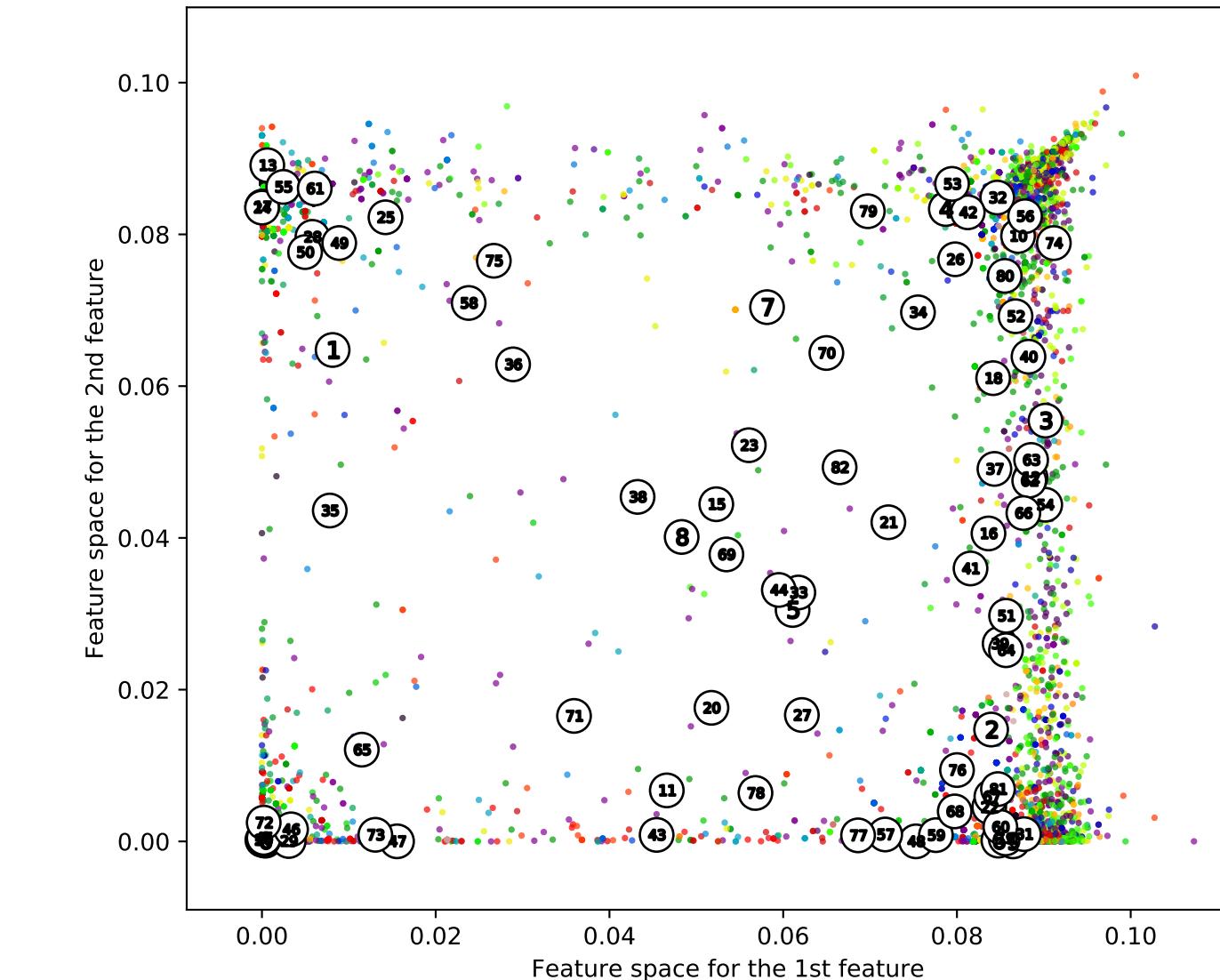


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 83 with Average Silhouette of: 0.35130882263183594

The silhouette plot for the various clusters.

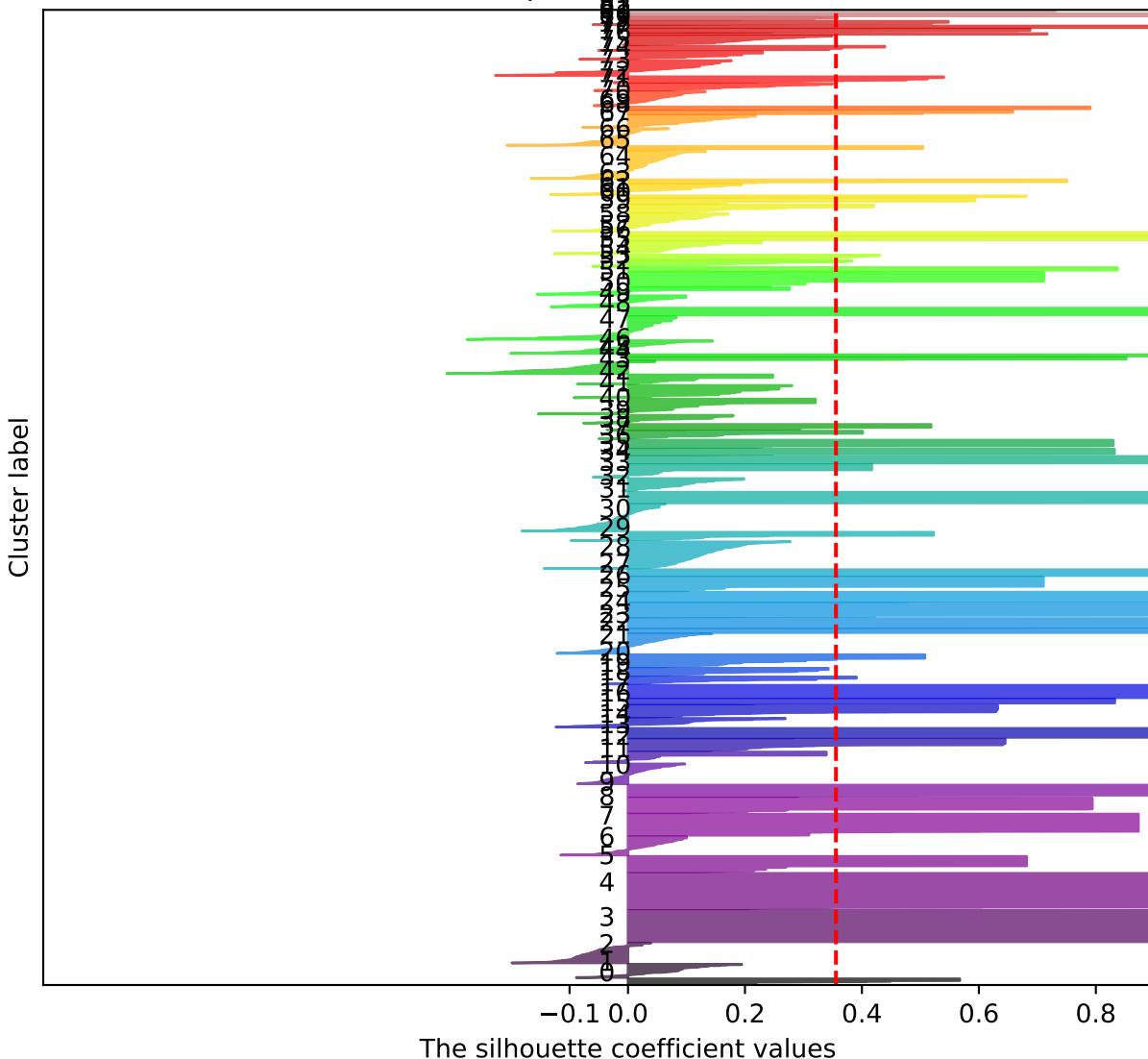


The visualization of the clustered data.

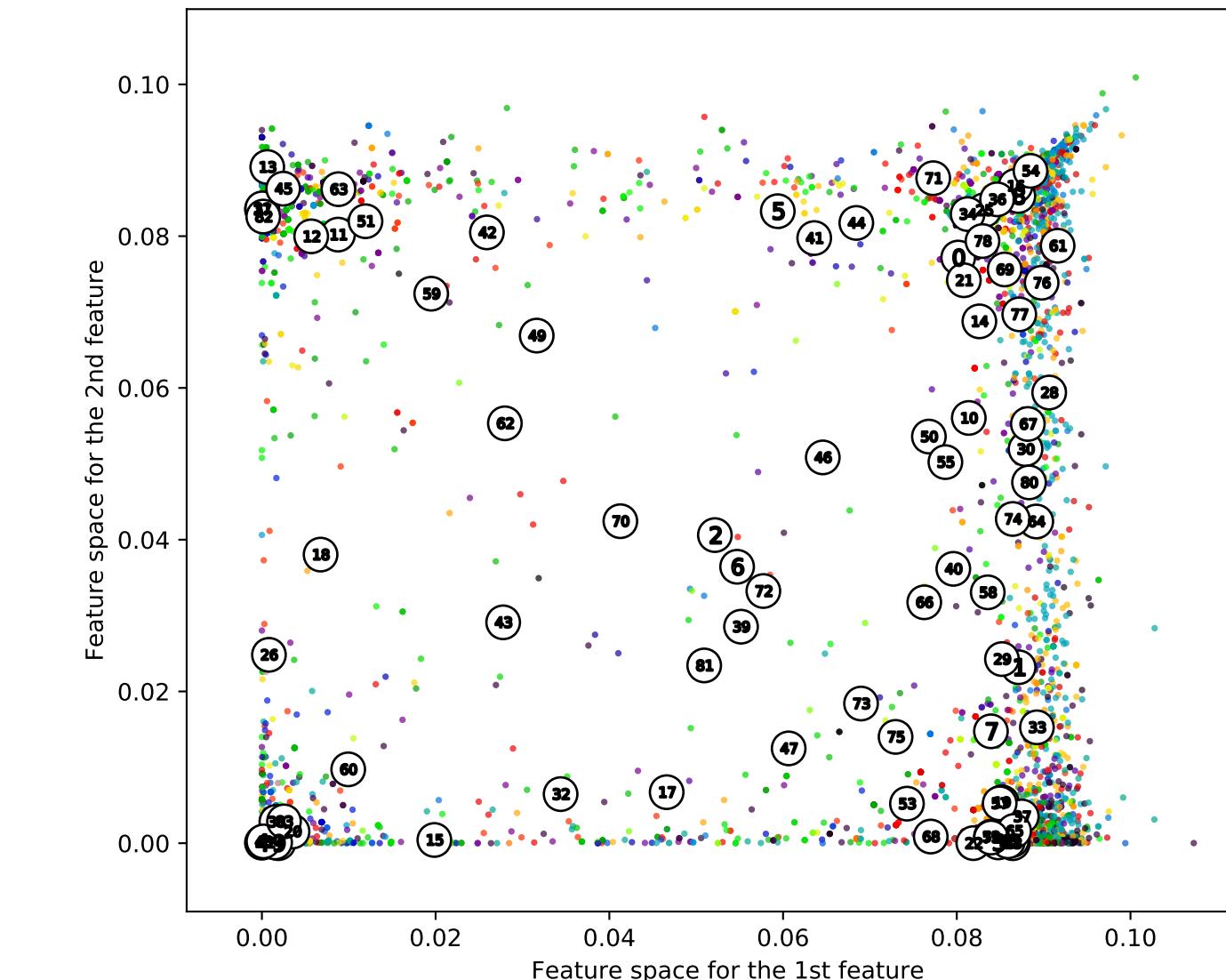


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 84 with Average Silhouette of: 0.35562819242477417

The silhouette plot for the various clusters.

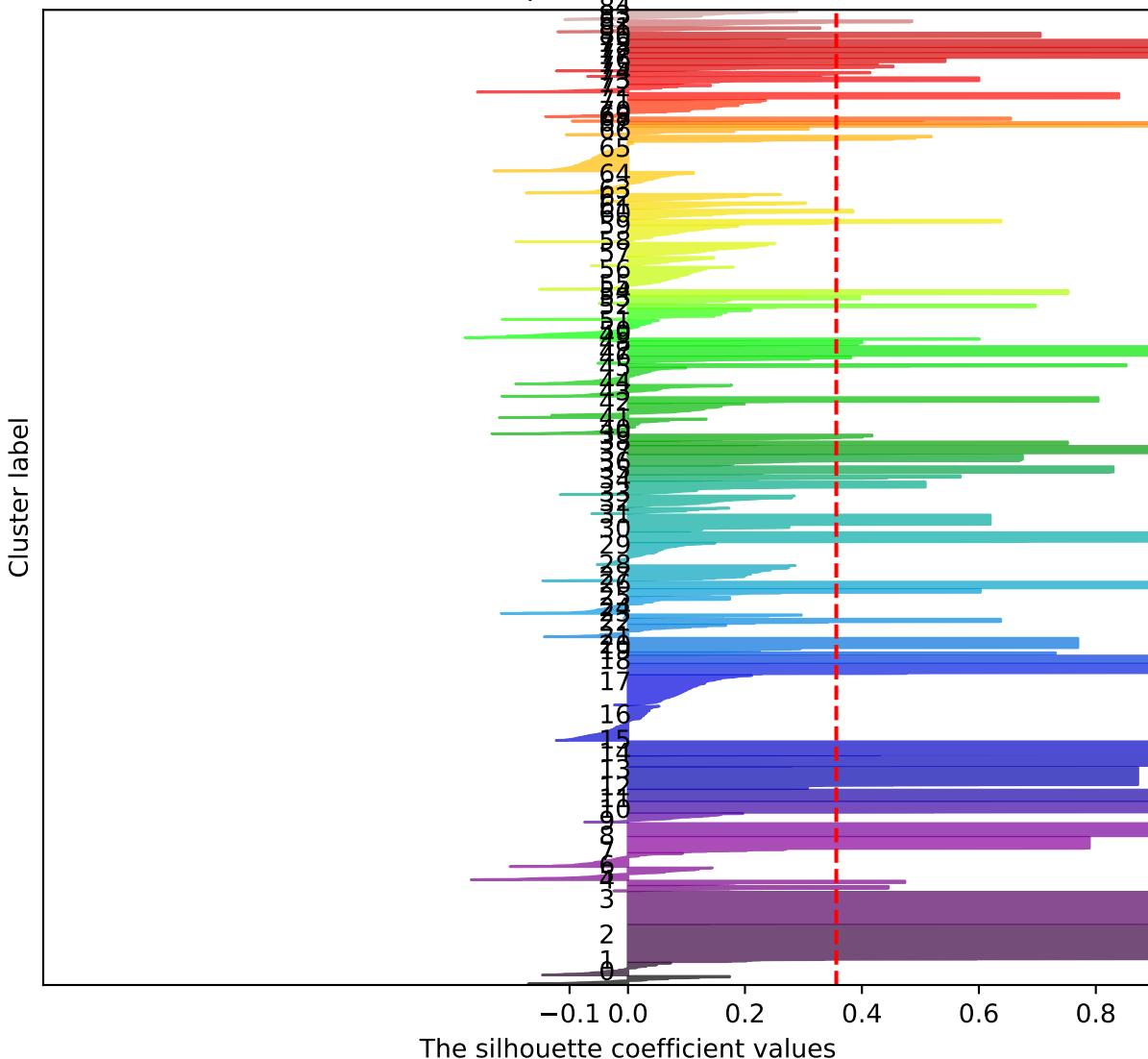


The visualization of the clustered data.

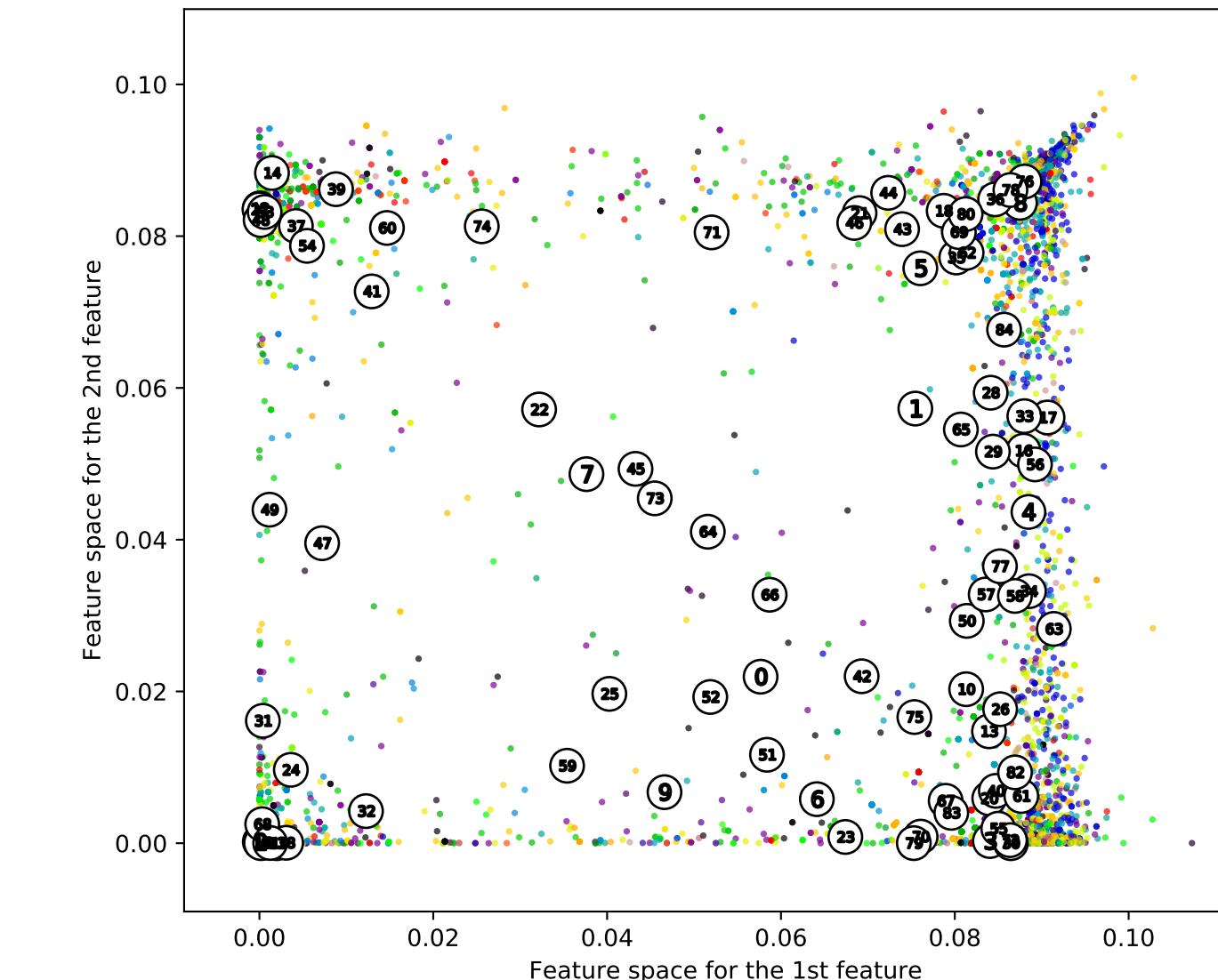


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 85 with Average Silhouette of: 0.3562065064907074

The silhouette plot for the various clusters.

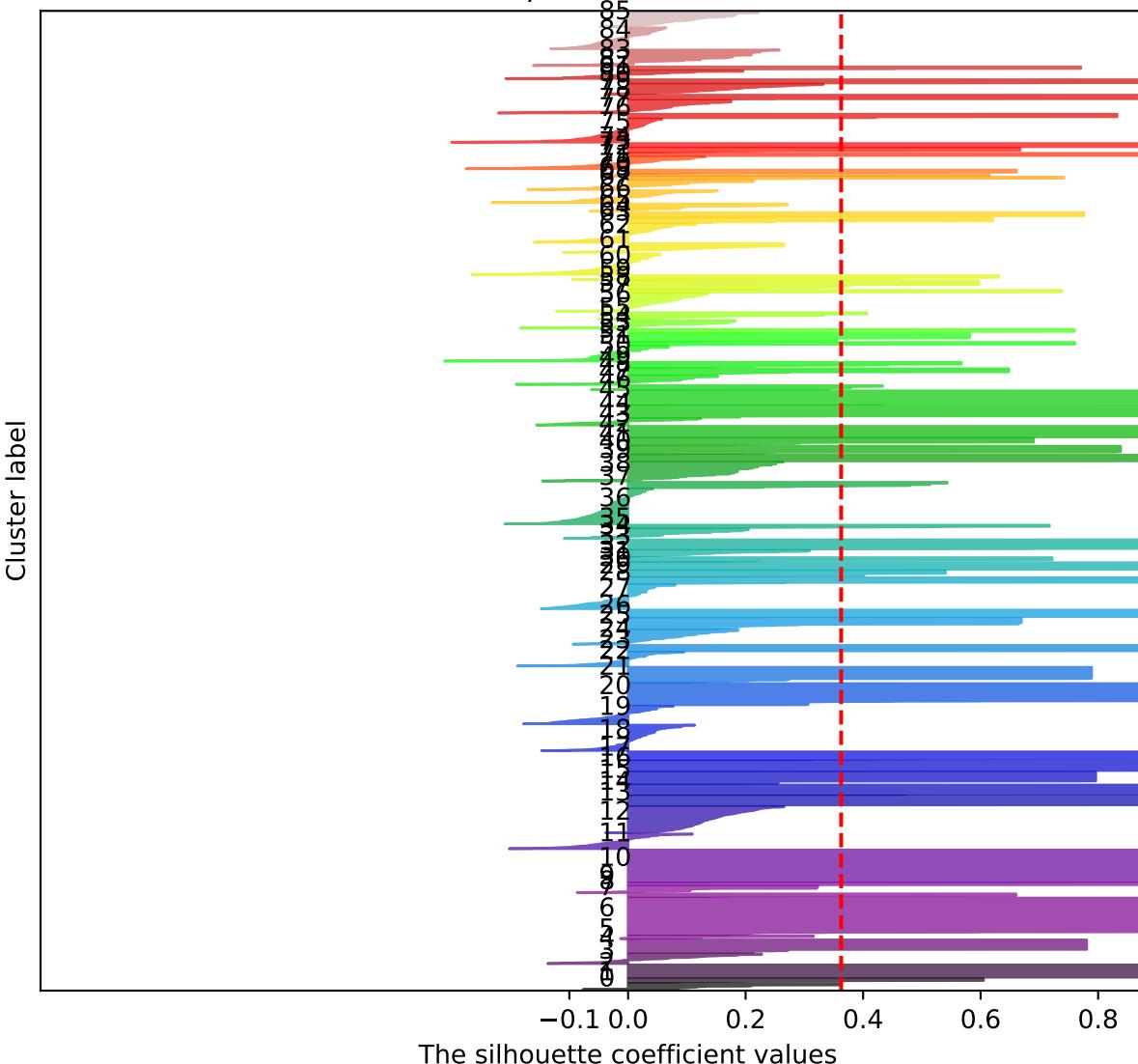


The visualization of the clustered data.

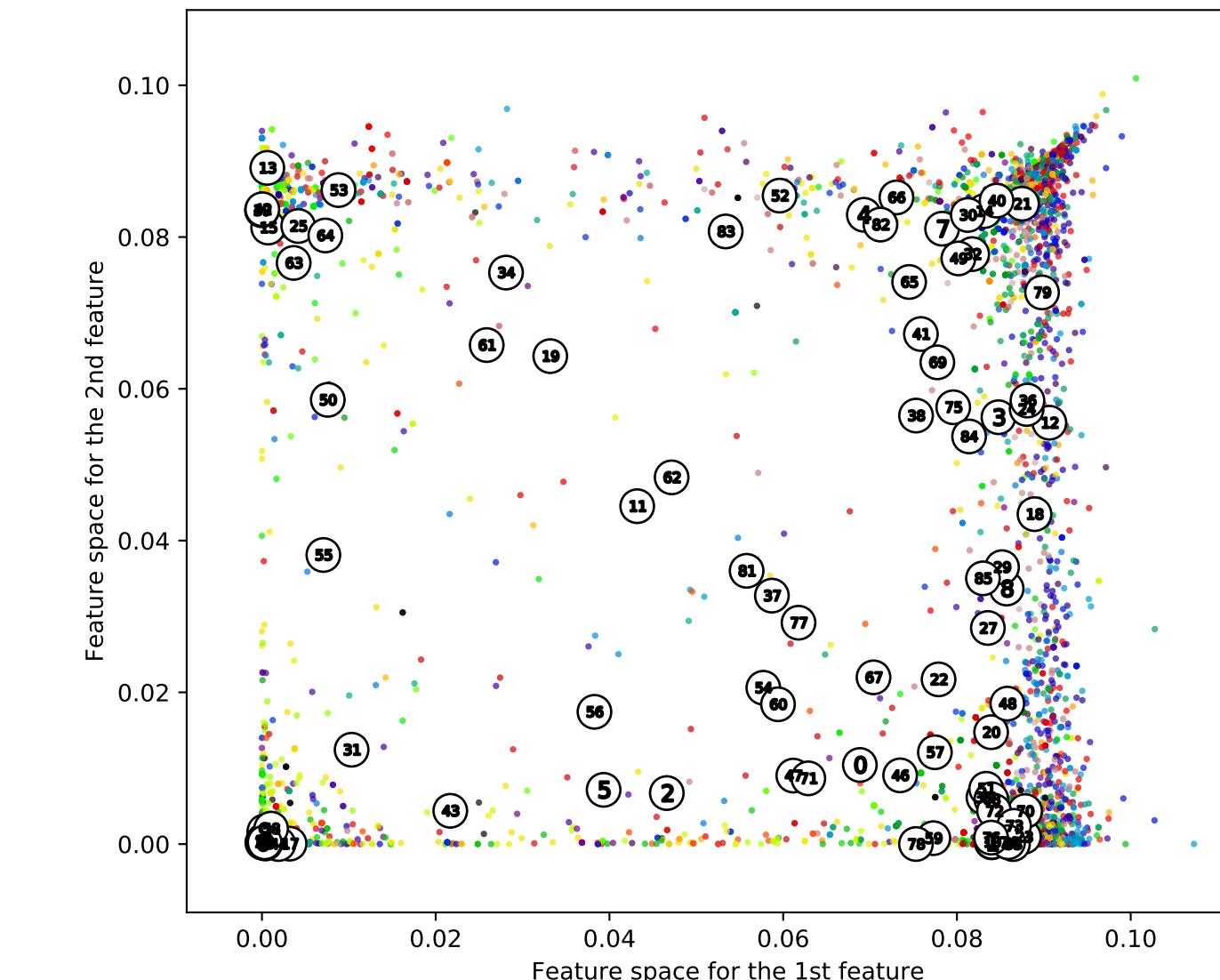


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 86 with Average Silhouette of: 0.3625871241092682

The silhouette plot for the various clusters.

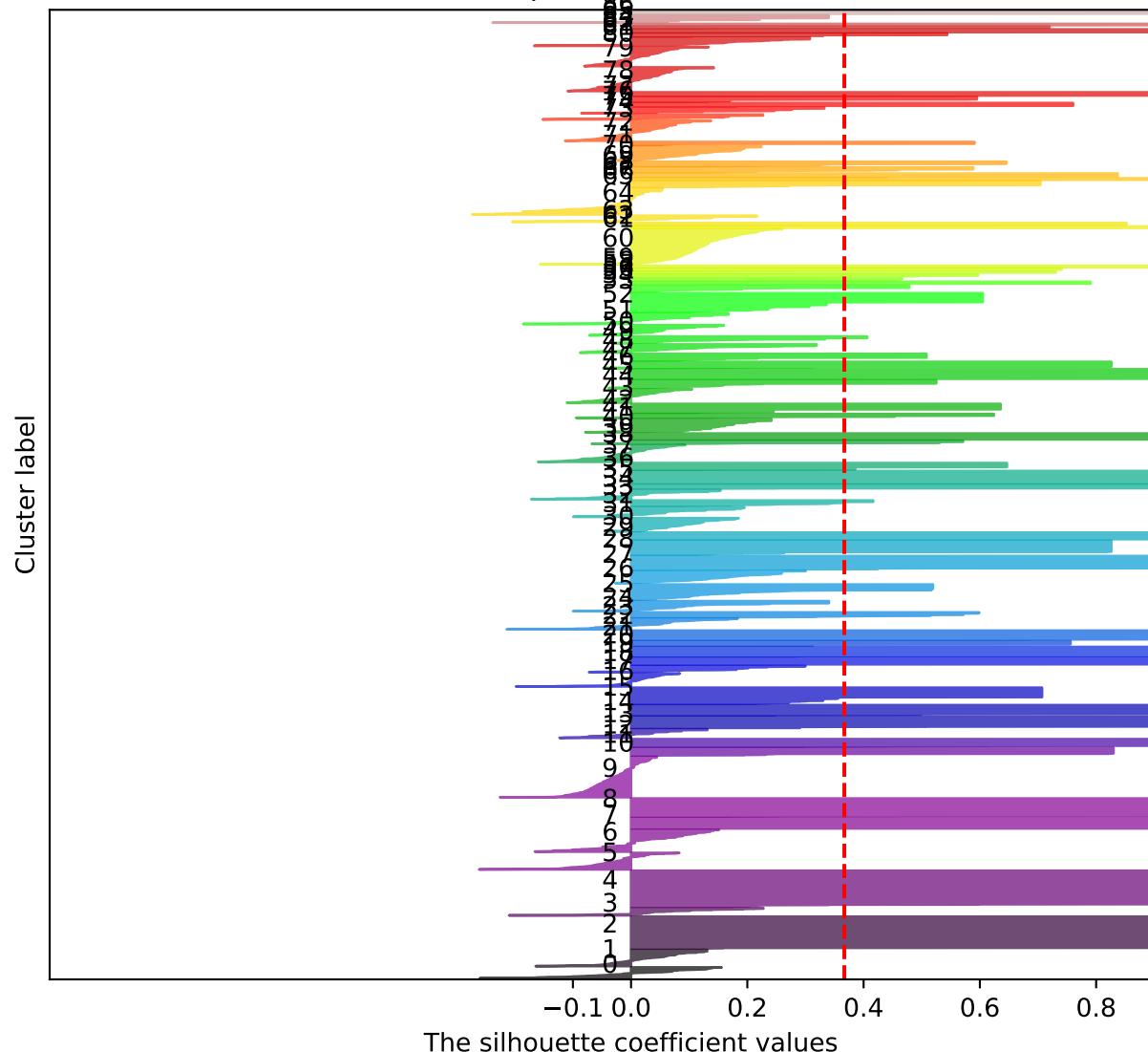


The visualization of the clustered data.

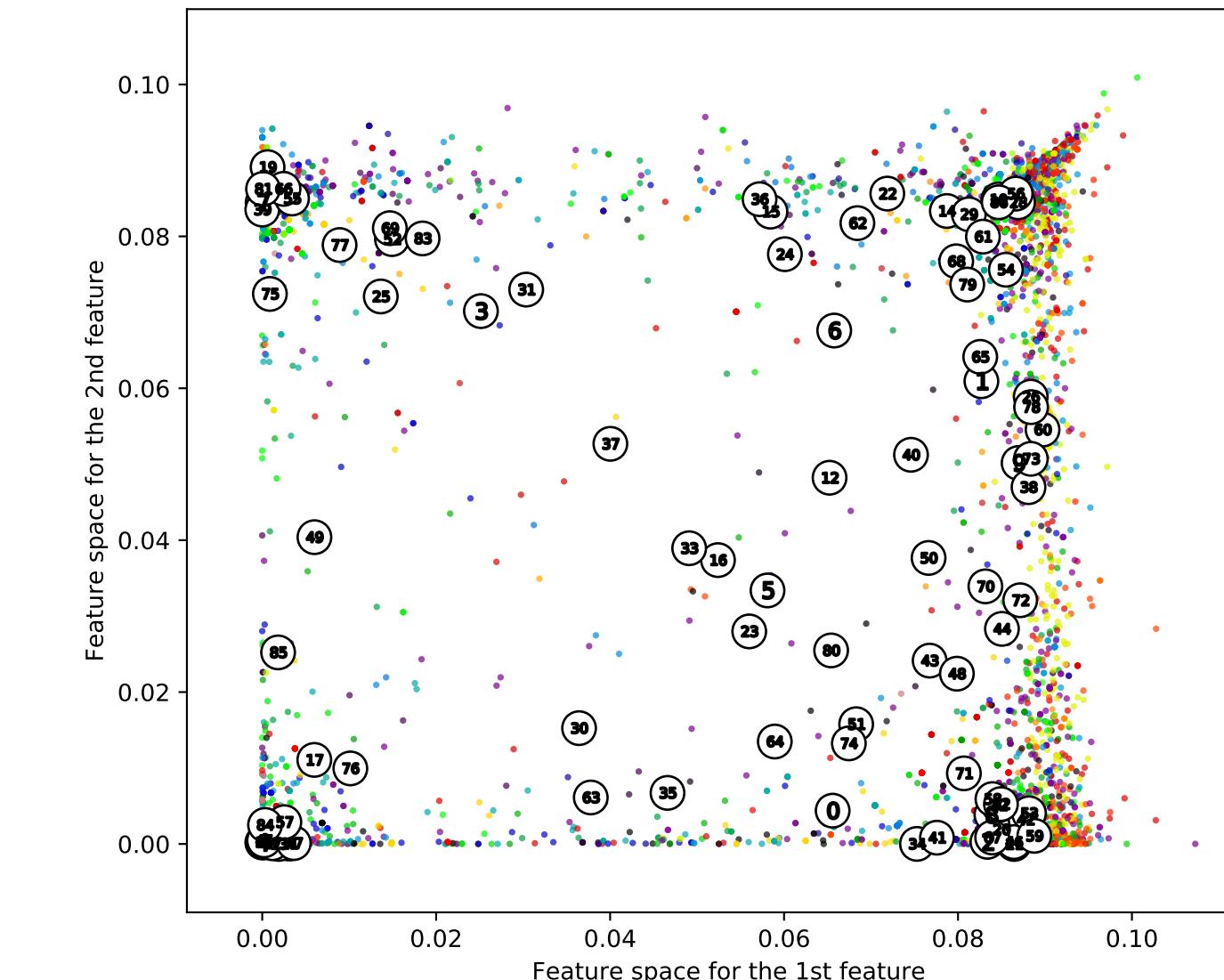


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 87 with Average Silhouette of: 0.3668675124645233

The silhouette plot for the various clusters.

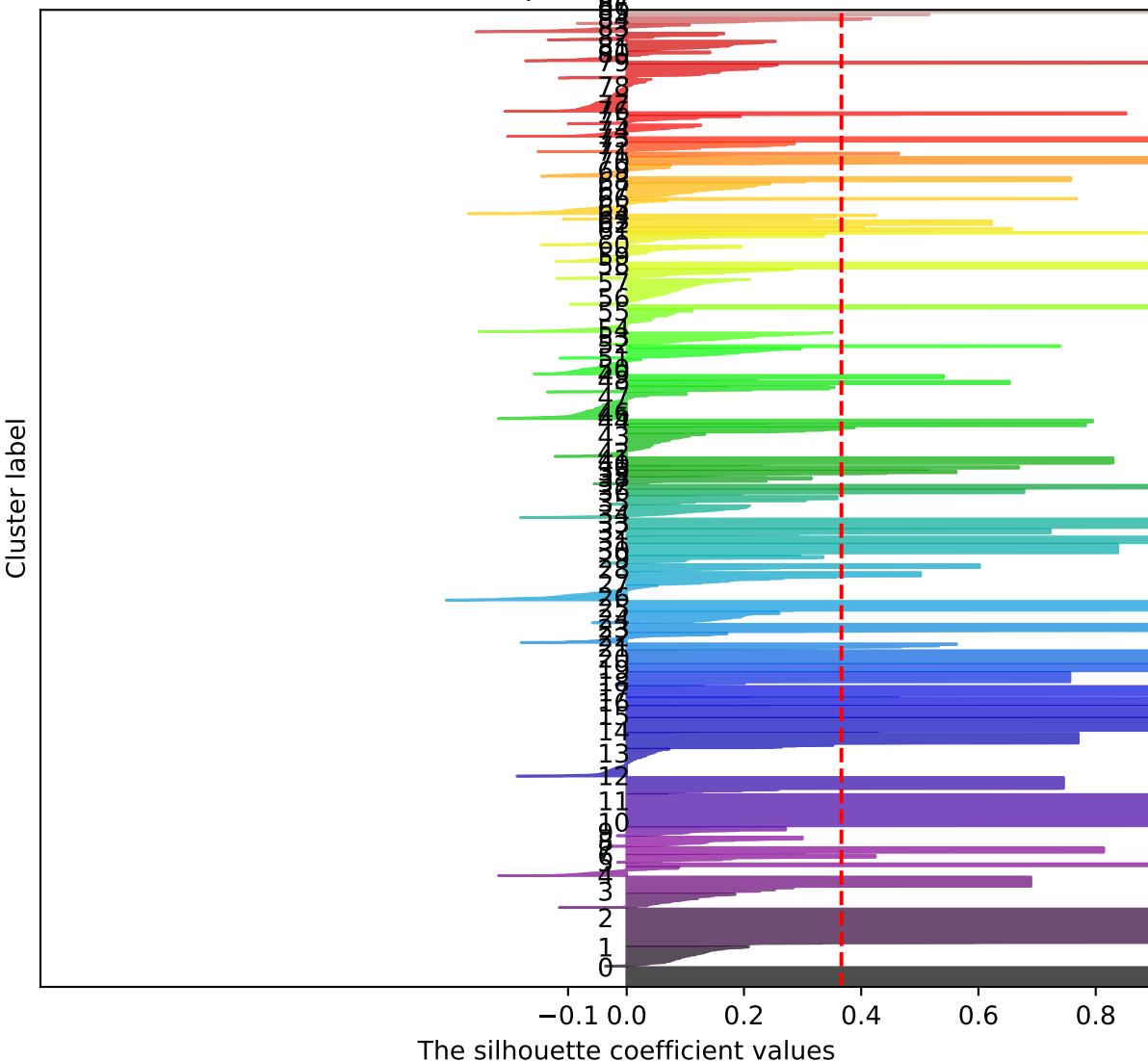


The visualization of the clustered data.

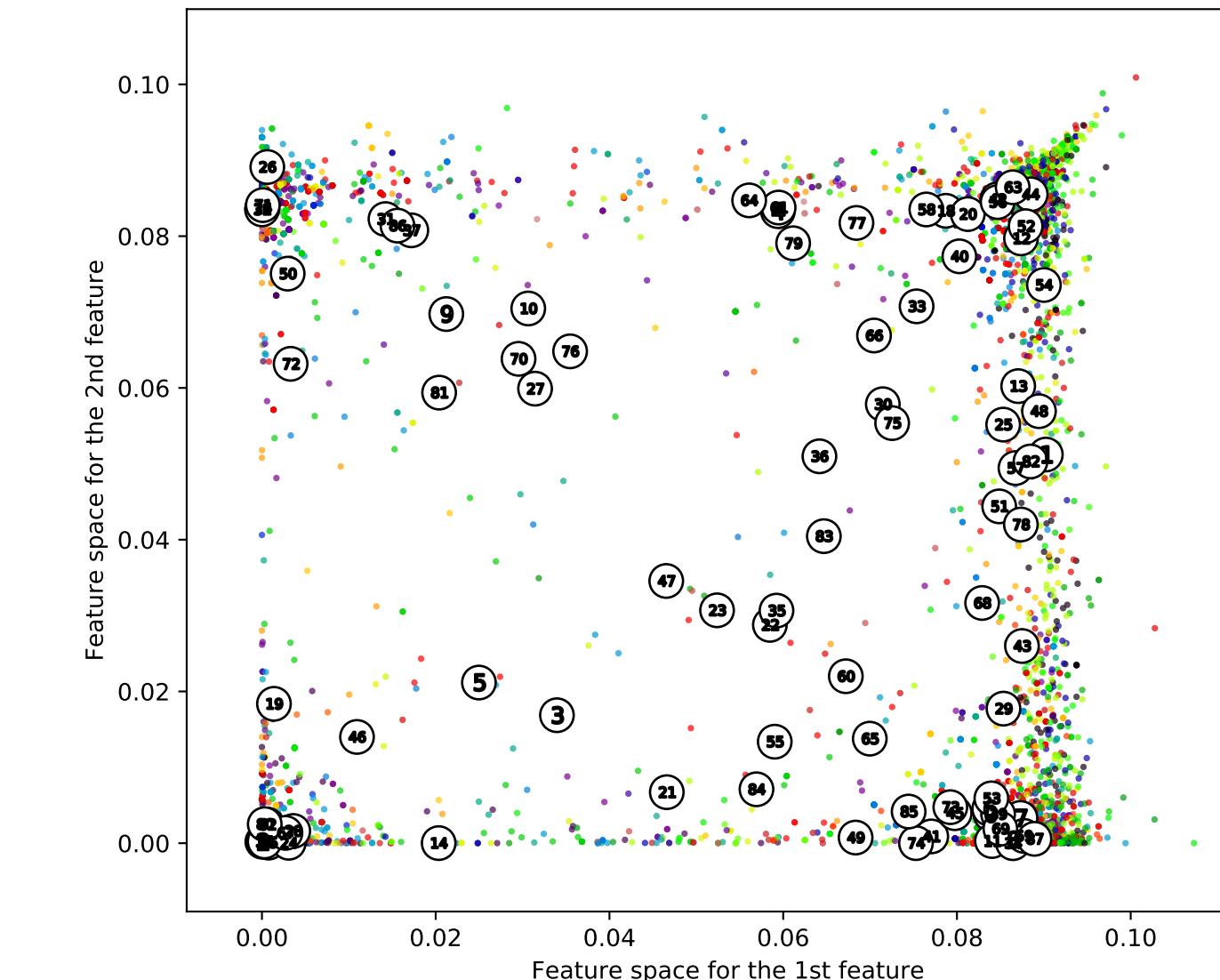


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 88 with Average Silhouette of: 0.3662342131137848

The silhouette plot for the various clusters.

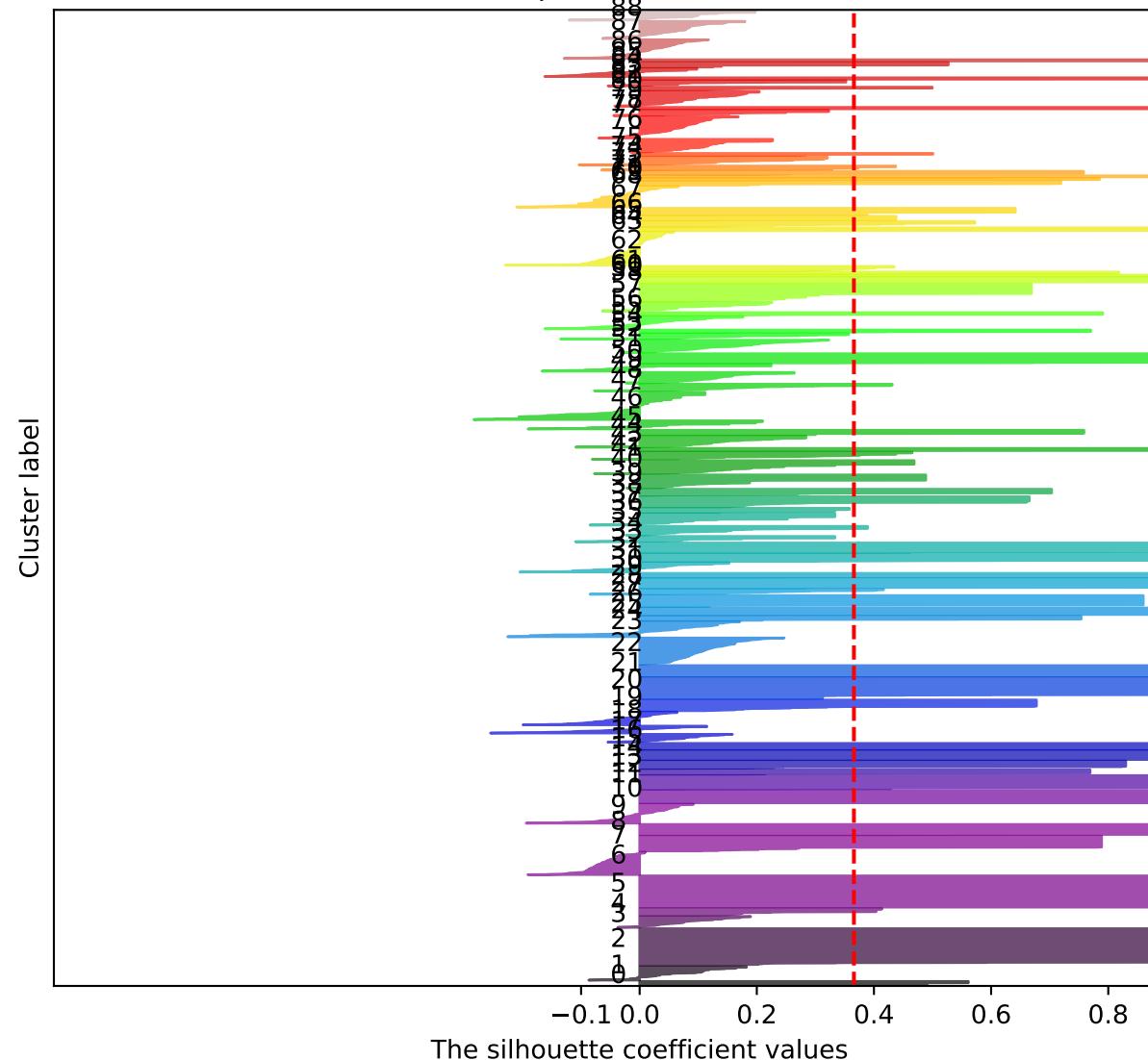


The visualization of the clustered data.

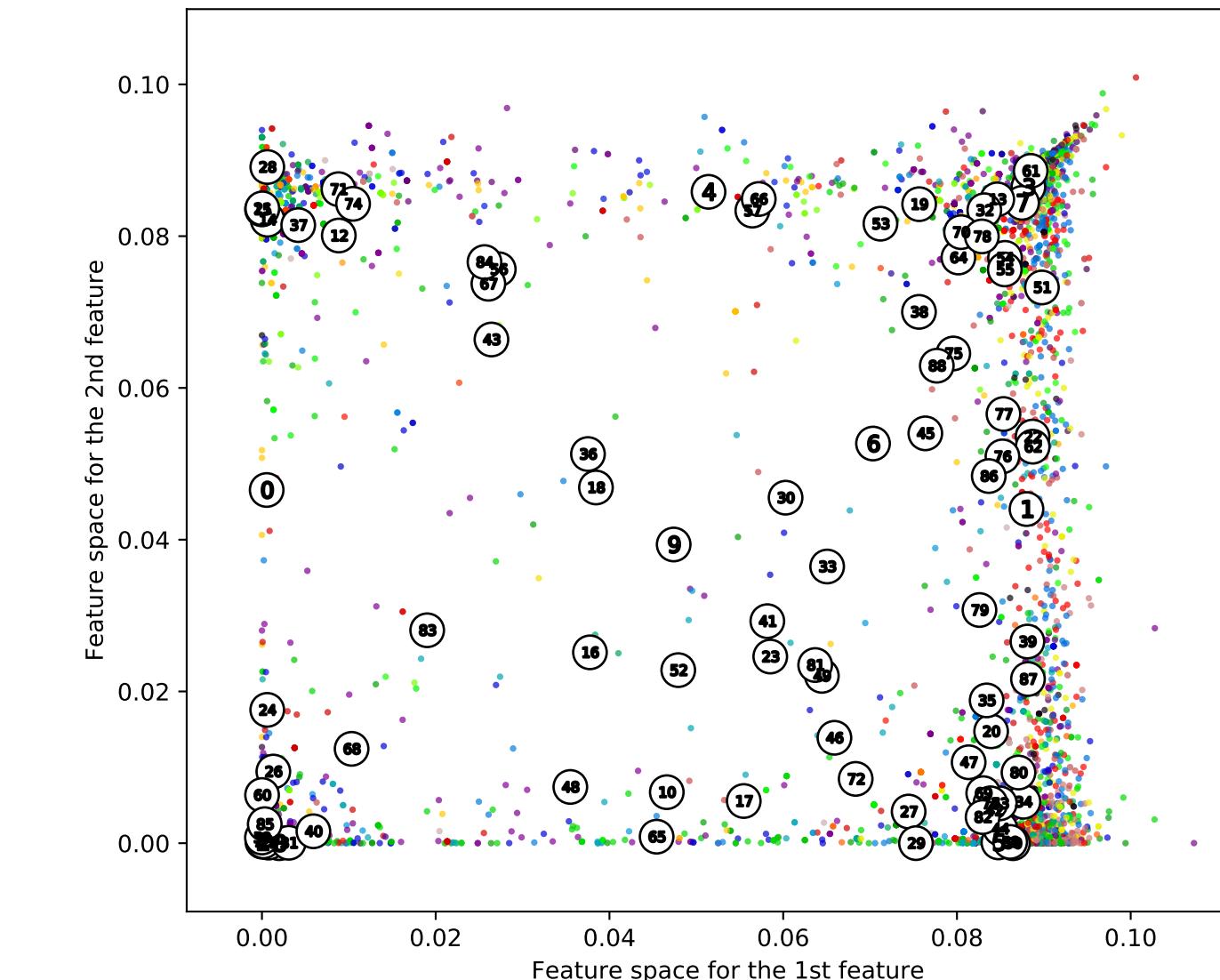


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 89 with Average Silhouette of: 0.3657636046409607

The silhouette plot for the various clusters.

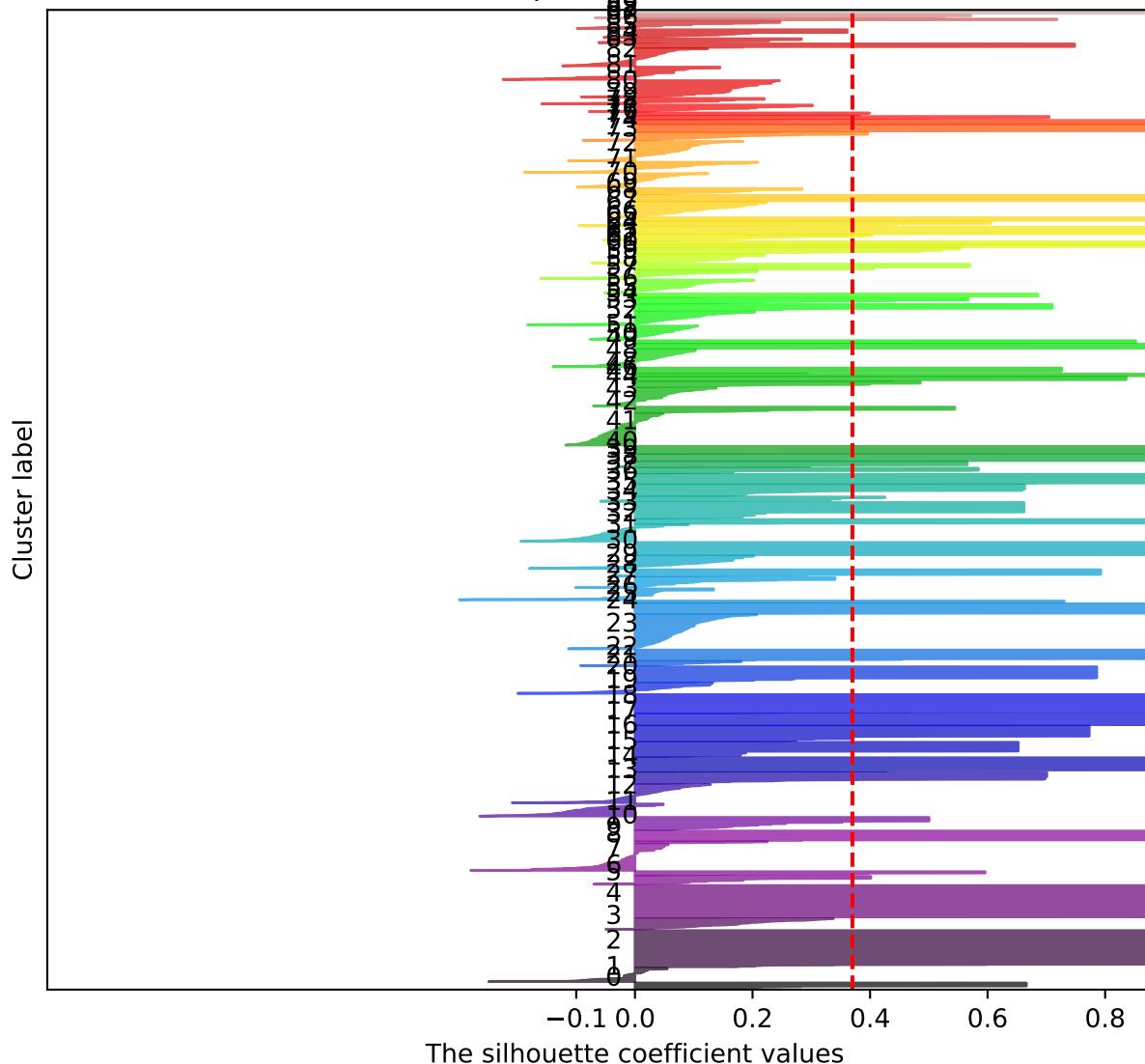


The visualization of the clustered data.

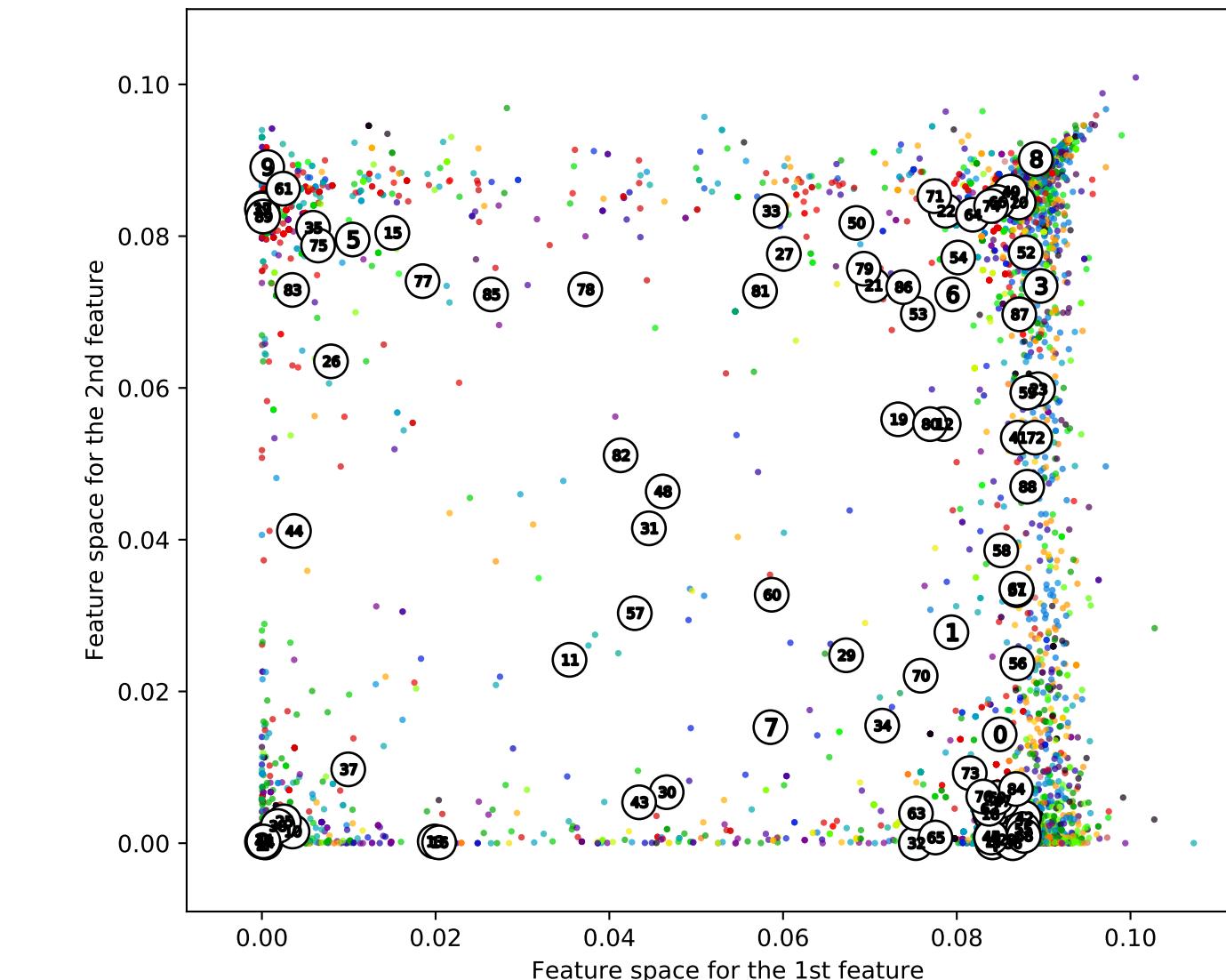


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 90 with Average Silhouette of: 0.37000375986099243

The silhouette plot for the various clusters.

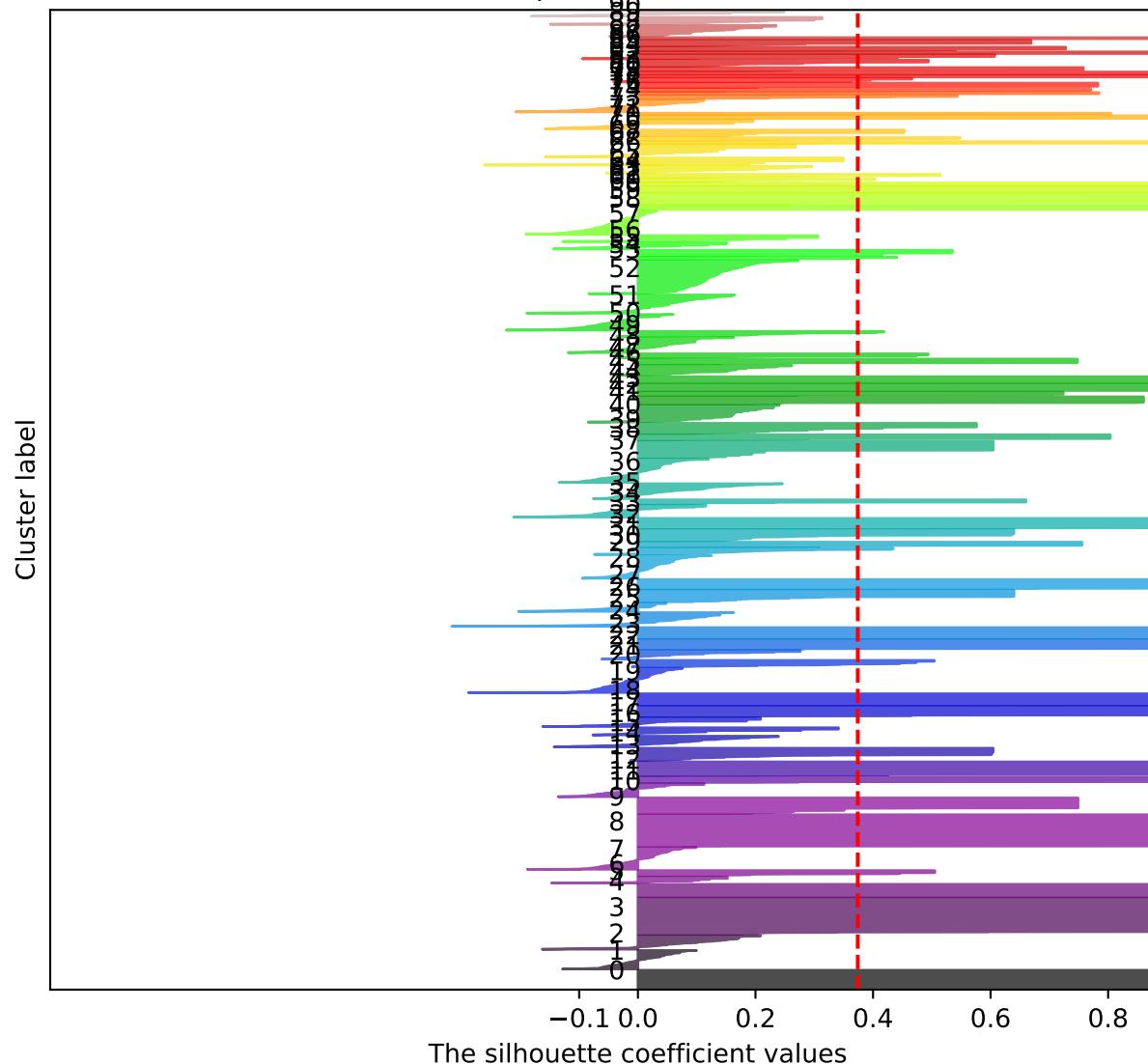


The visualization of the clustered data.

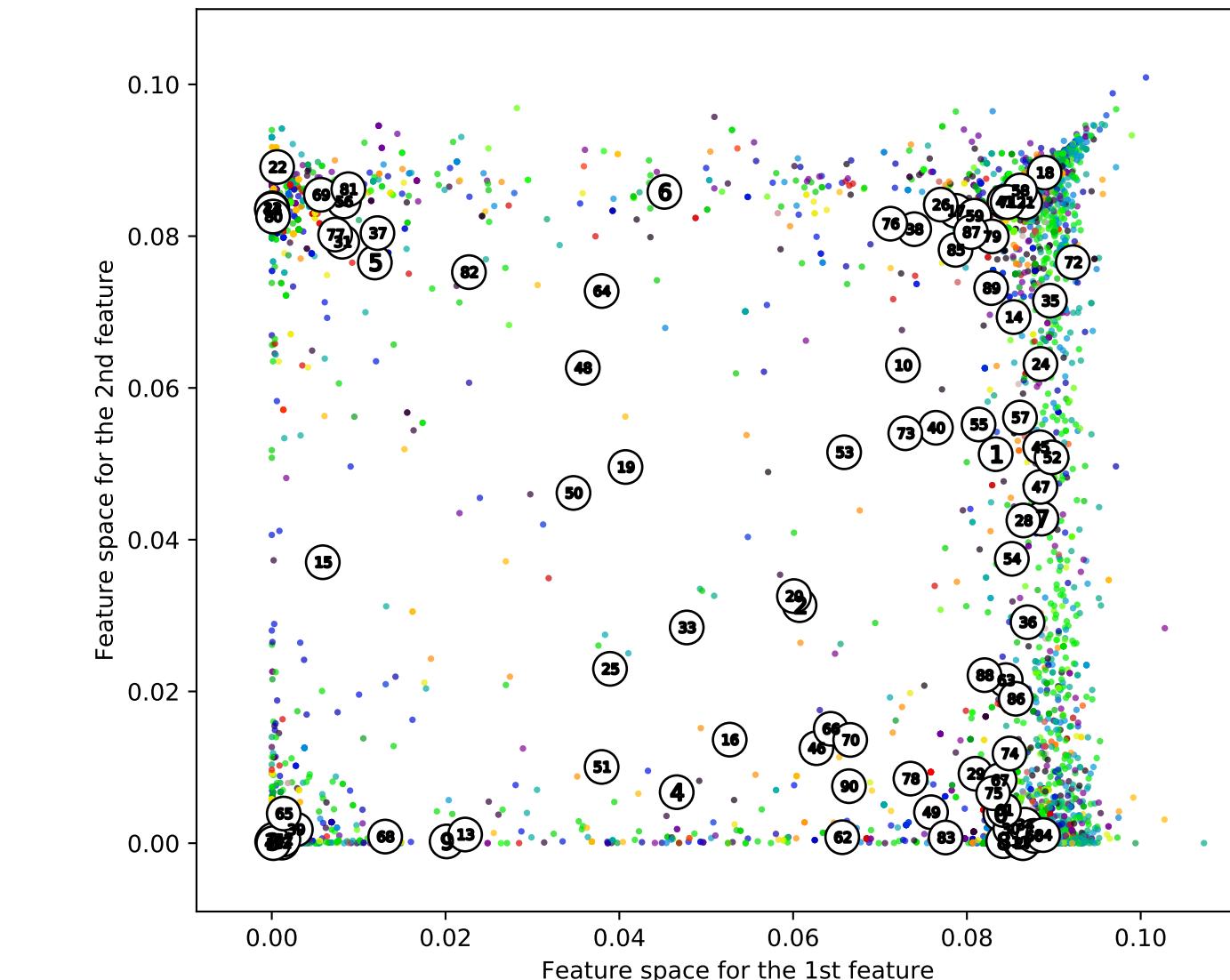


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 91 with Average Silhouette of: 0.3740617334842682

The silhouette plot for the various clusters.

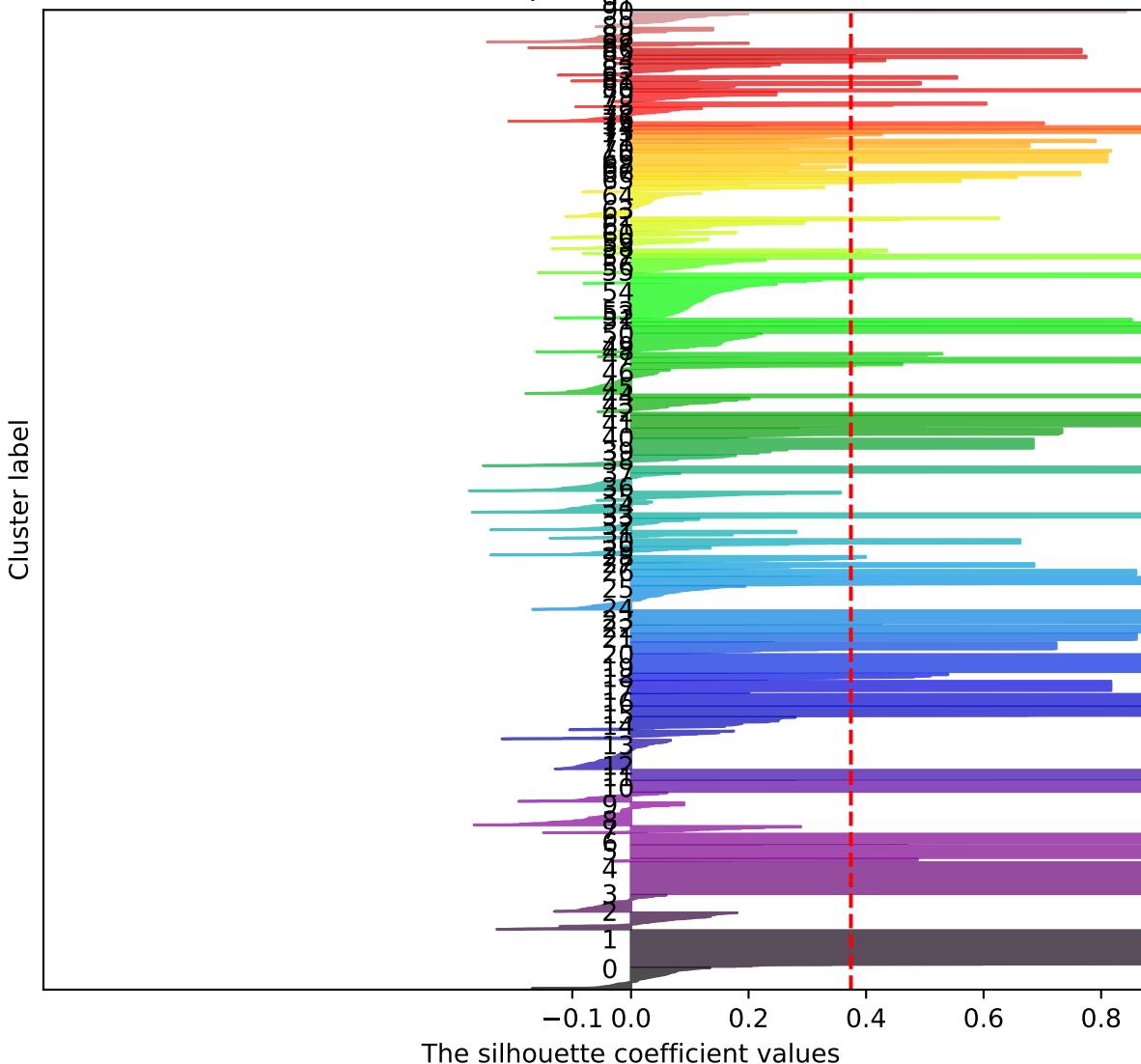


The visualization of the clustered data.

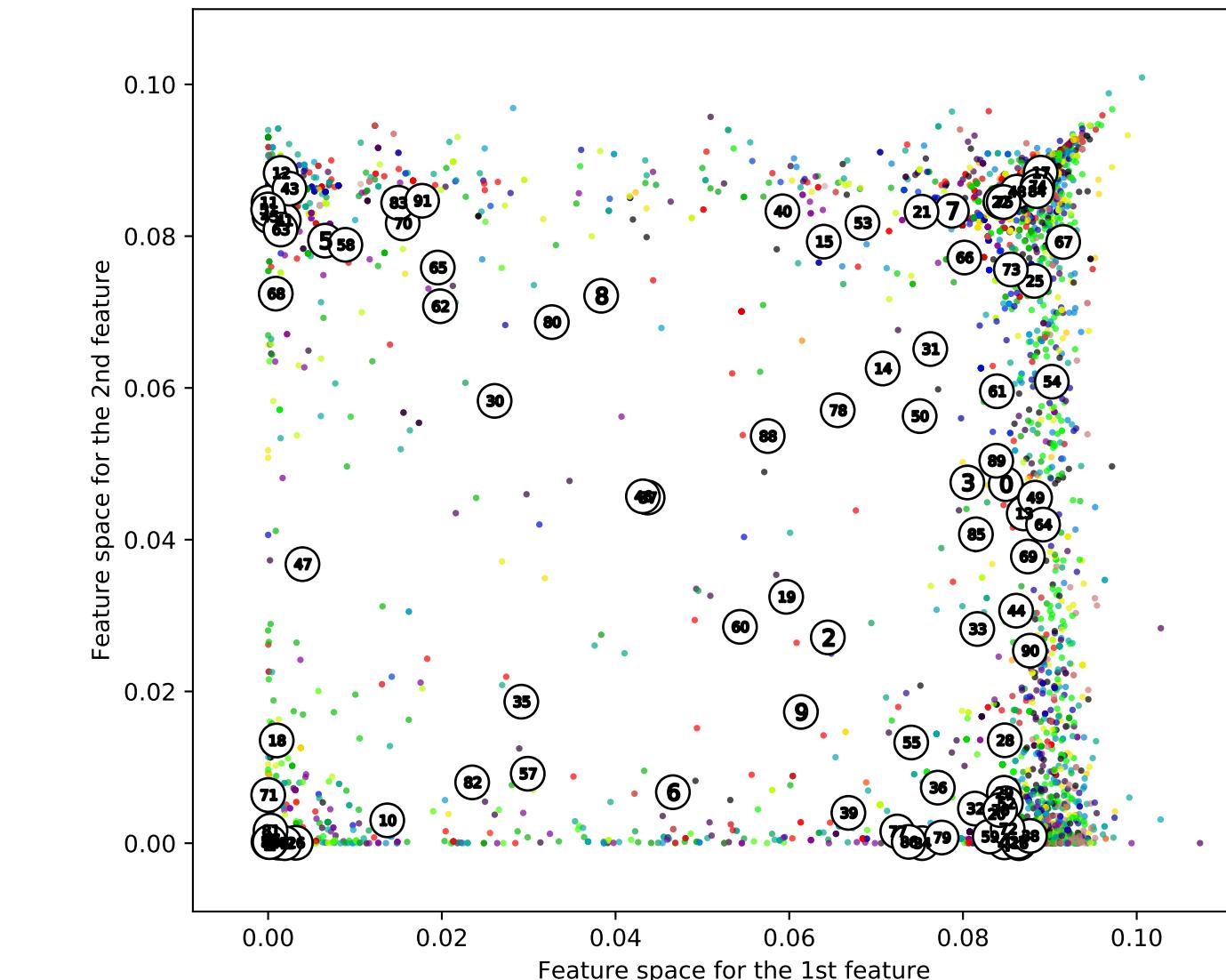


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 92 with Average Silhouette of: 0.3741046190261841

The silhouette plot for the various clusters.

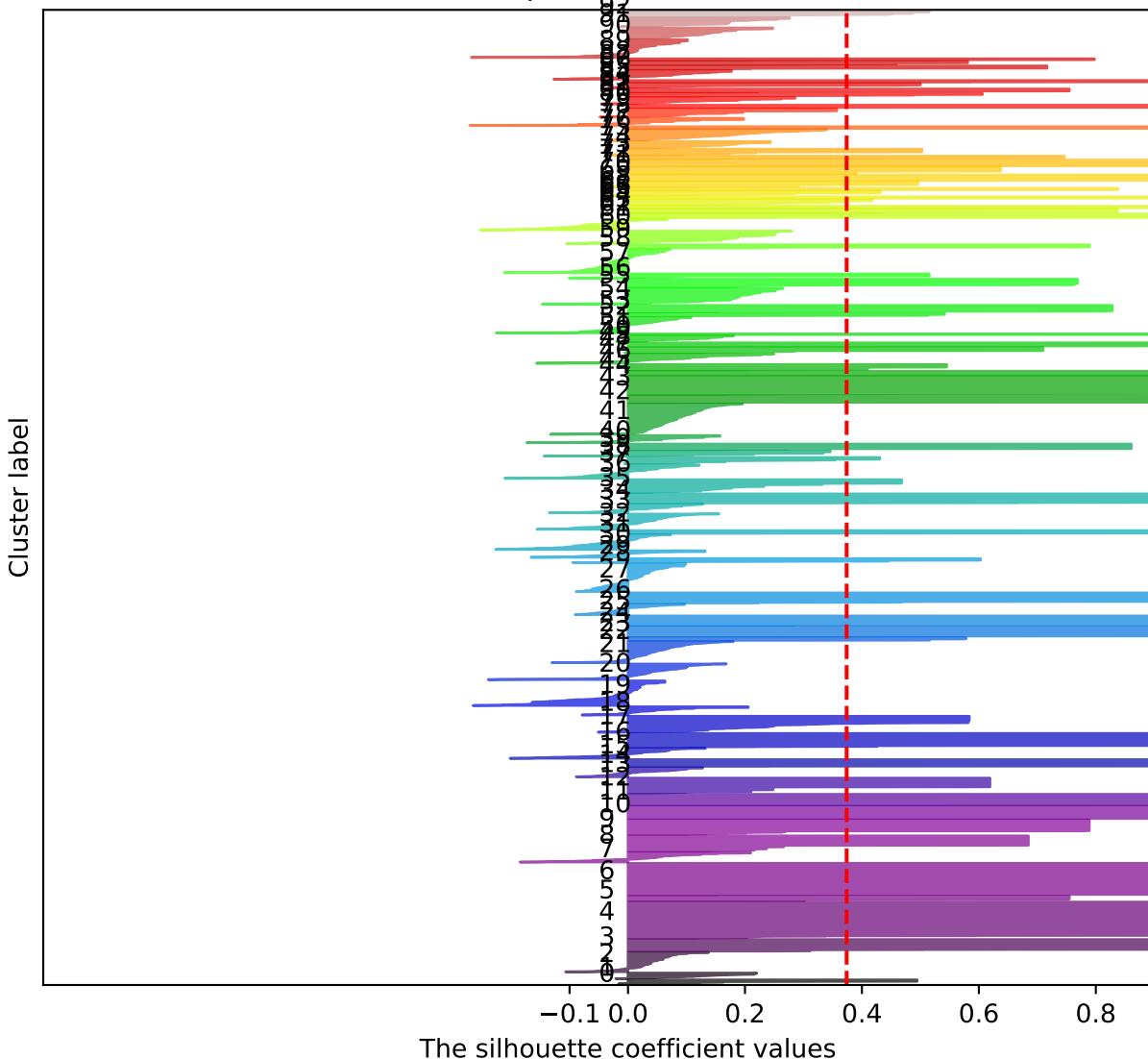


The visualization of the clustered data.

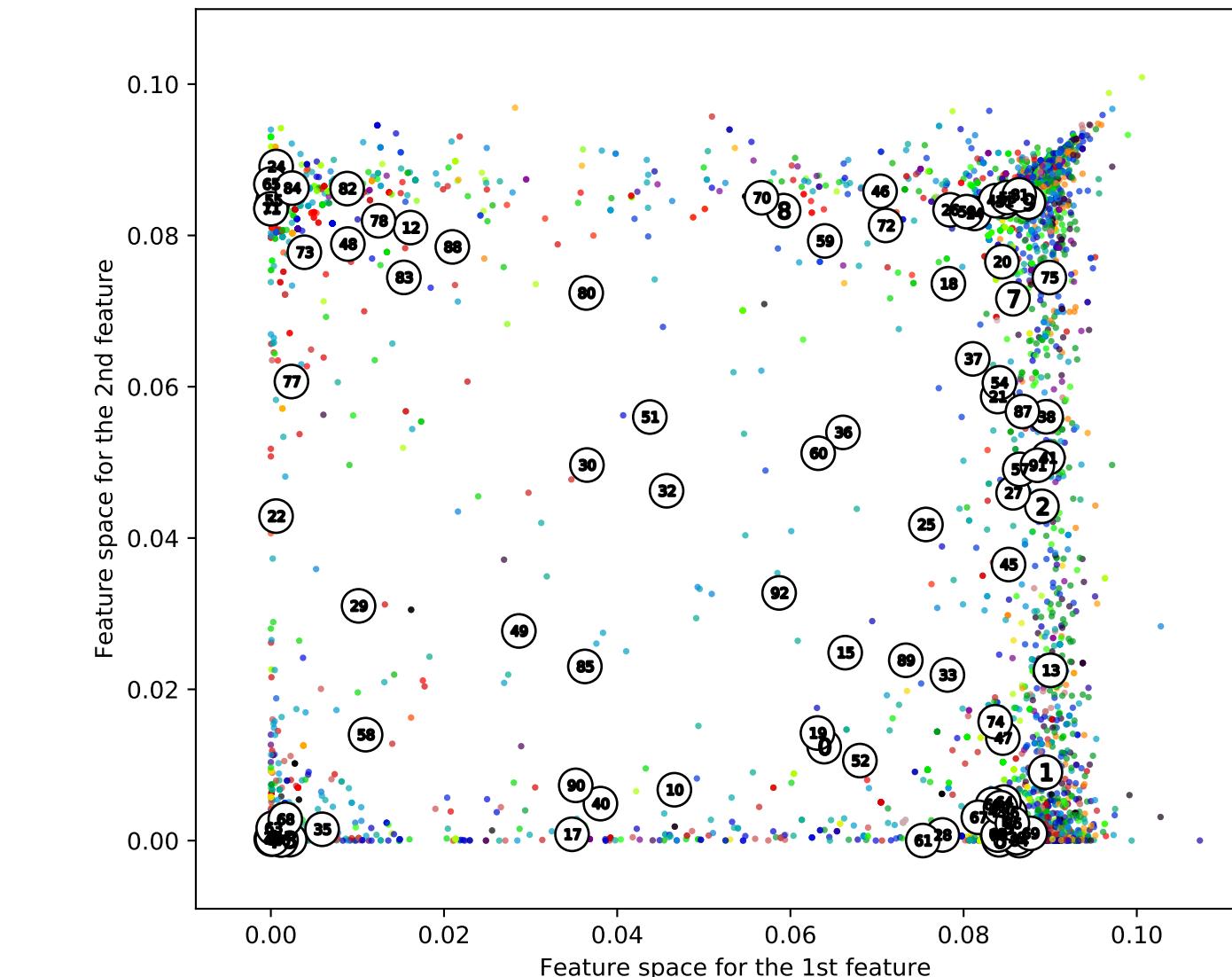


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 93 with Average Silhouette of: 0.37383946776390076

The silhouette plot for the various clusters.

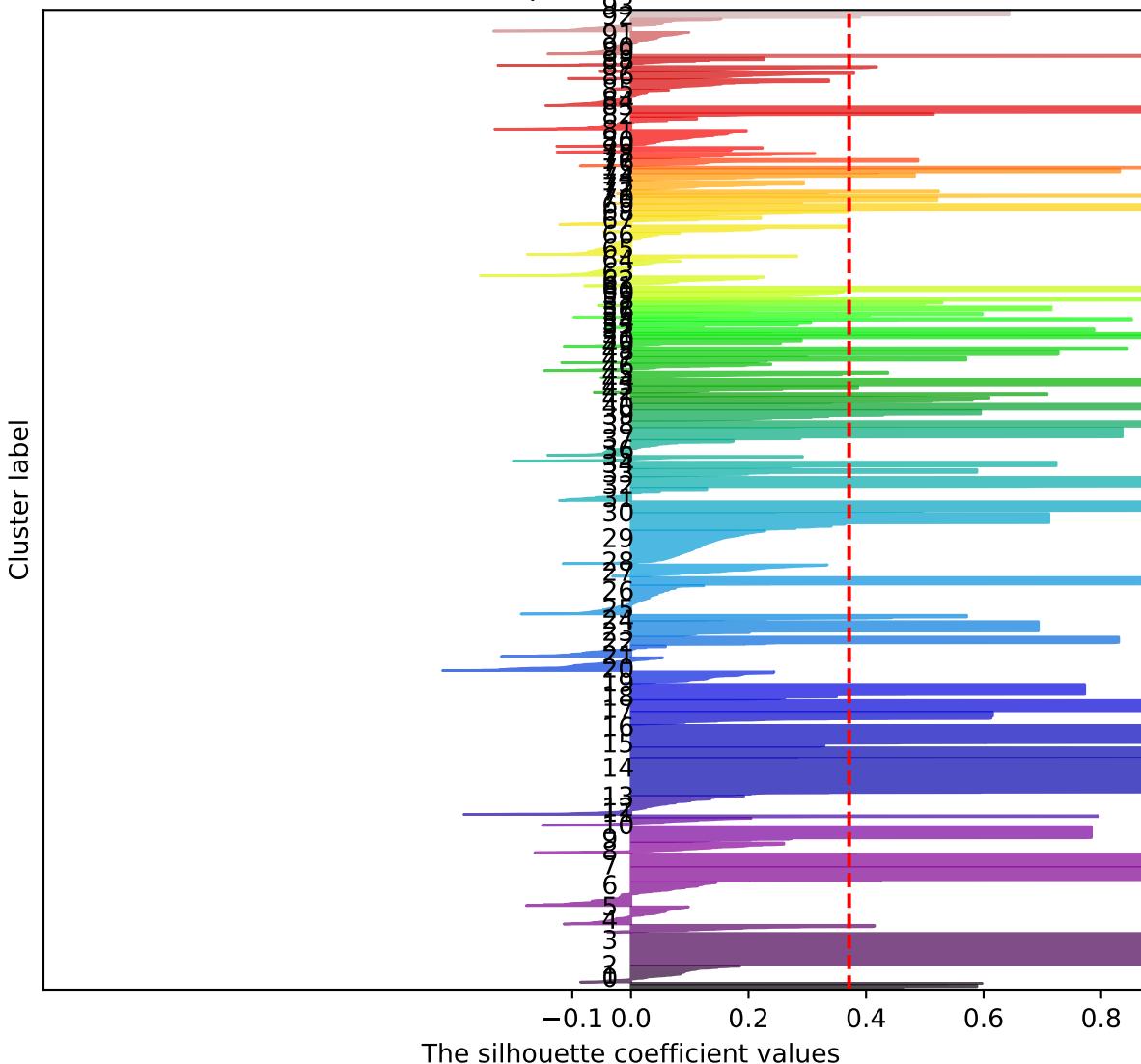


The visualization of the clustered data.

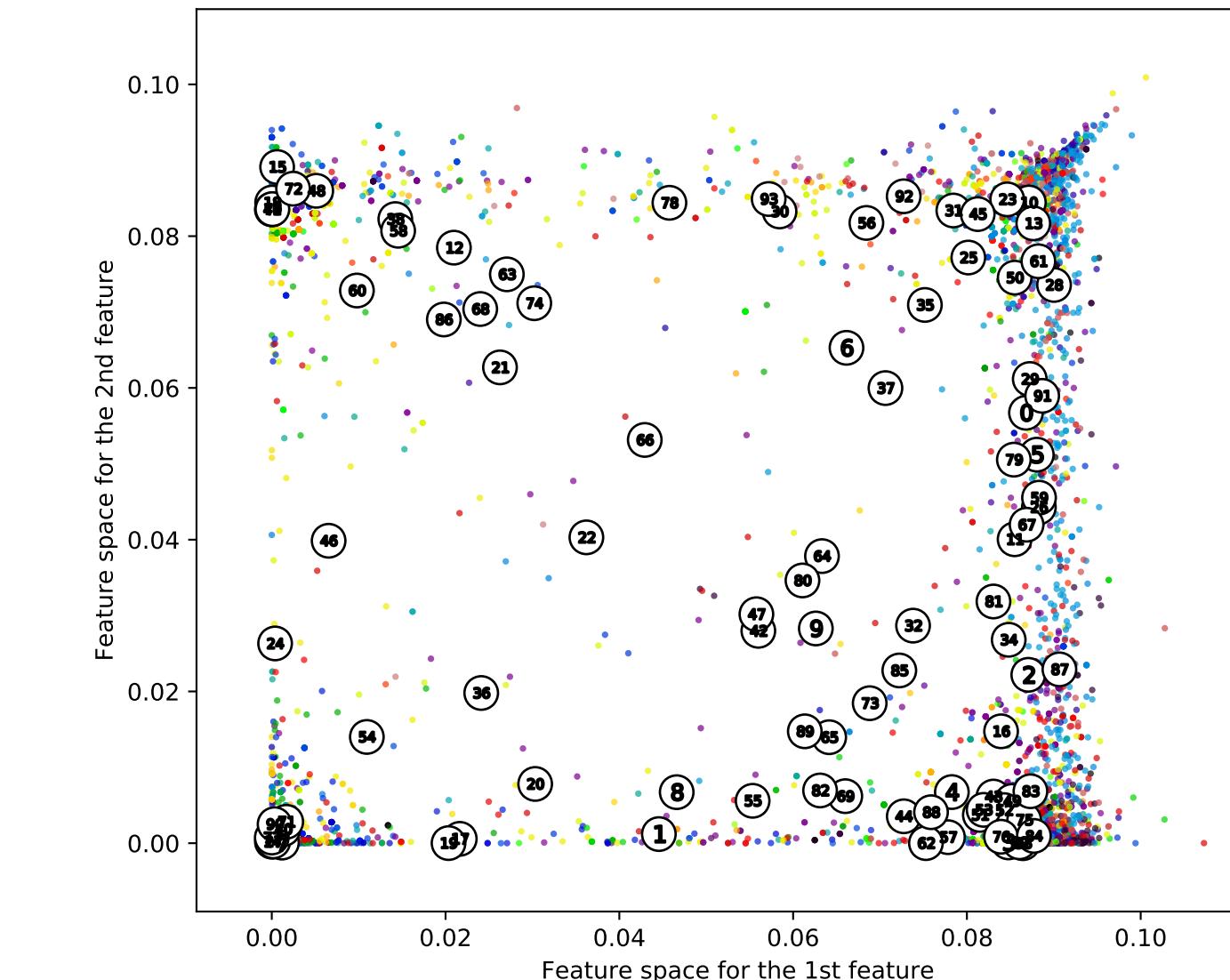


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 94 with Average Silhouette of: 0.3711342215538025

The silhouette plot for the various clusters.

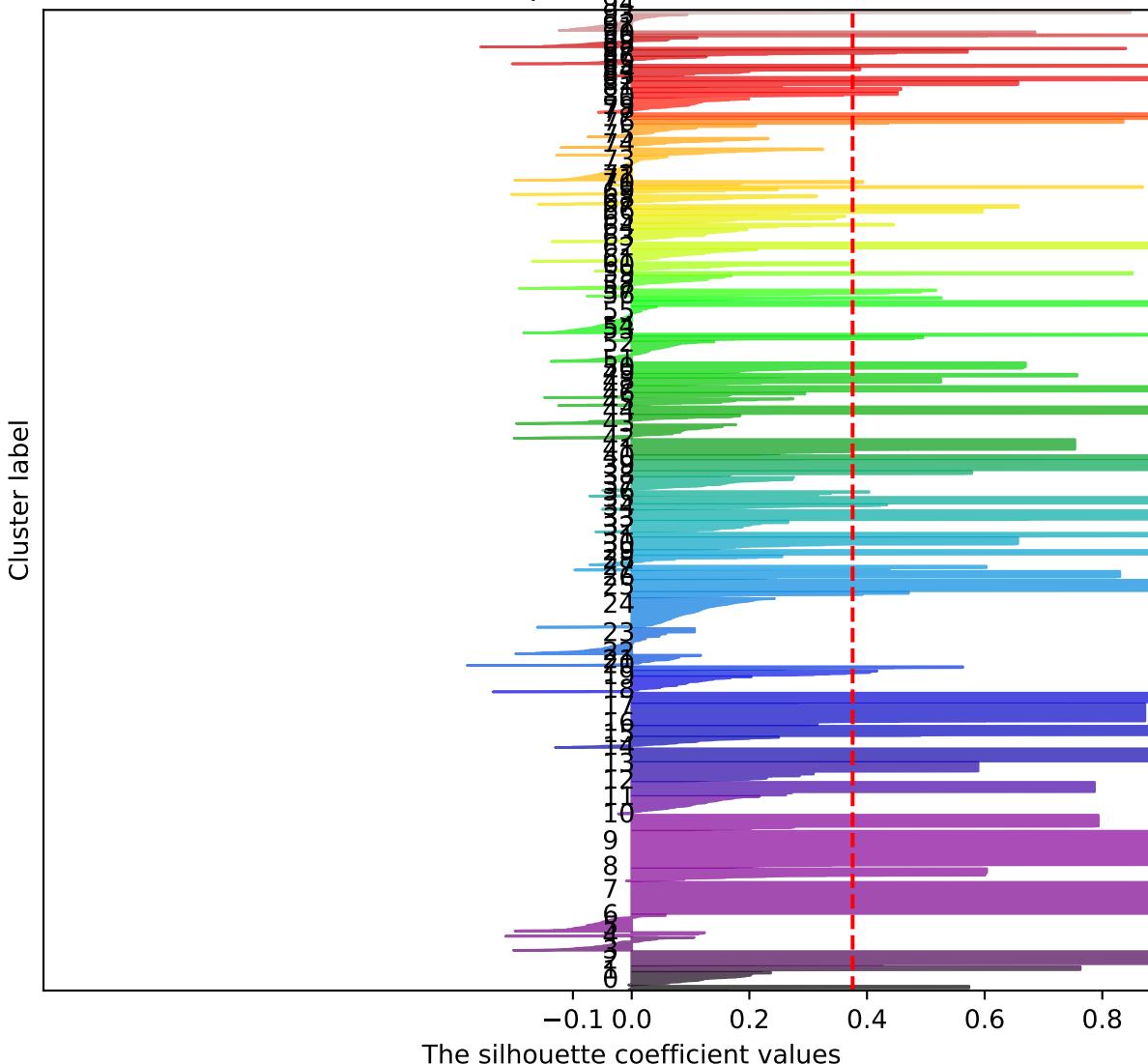


The visualization of the clustered data.

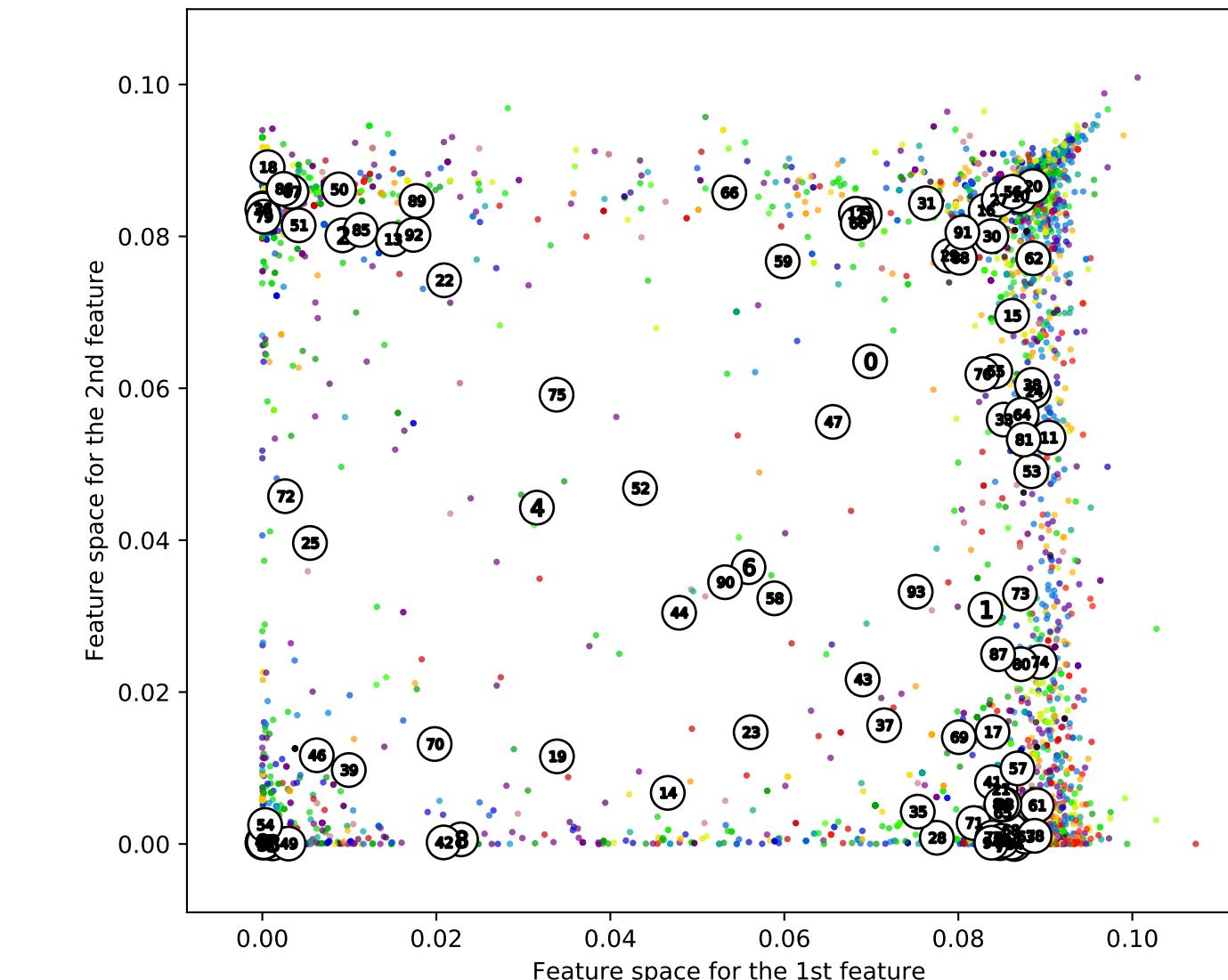


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 95 with Average Silhouette of: 0.3755338191986084

The silhouette plot for the various clusters.

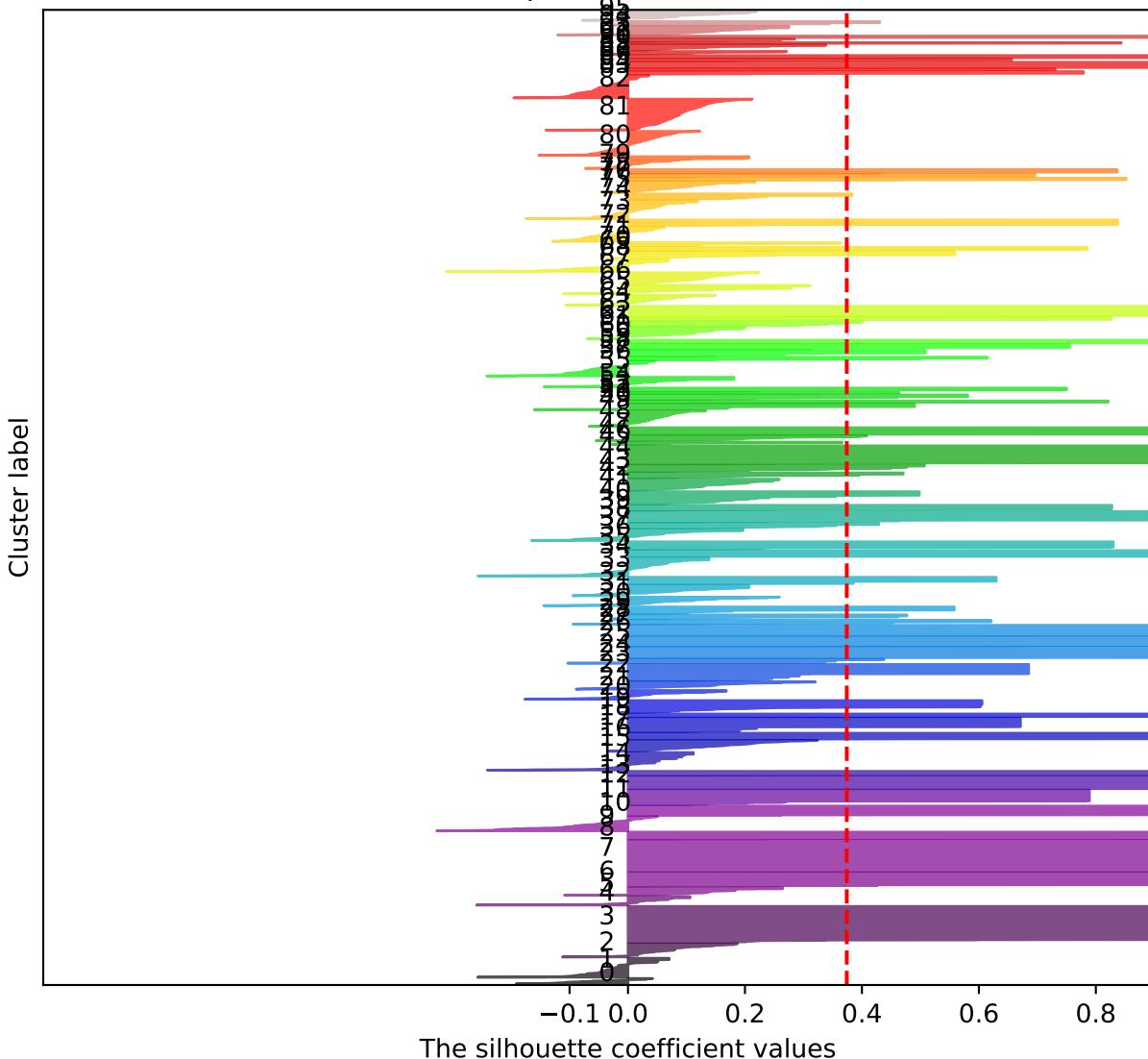


The visualization of the clustered data.

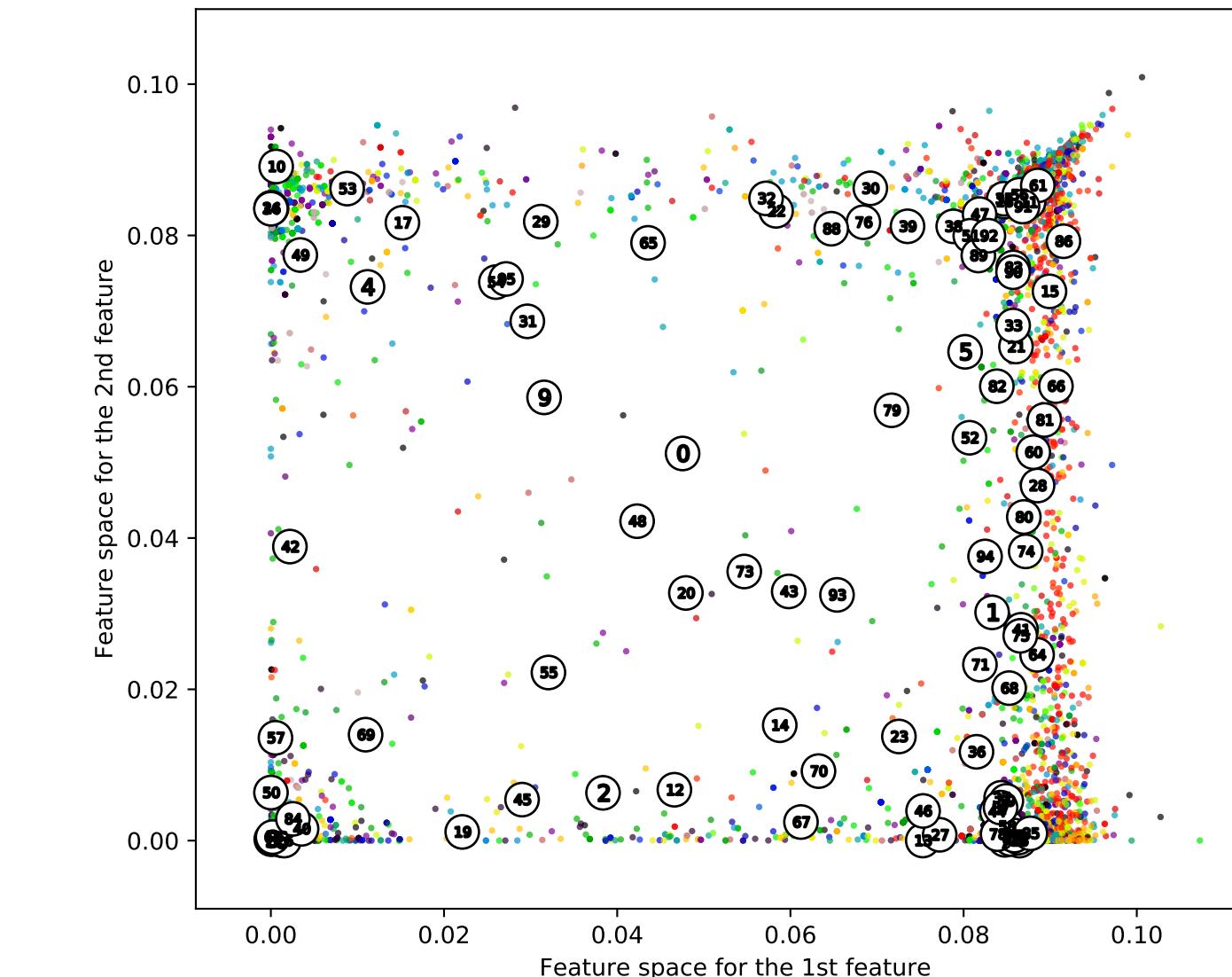


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 96 with Average Silhouette of: 0.37406161427497864

The silhouette plot for the various clusters.

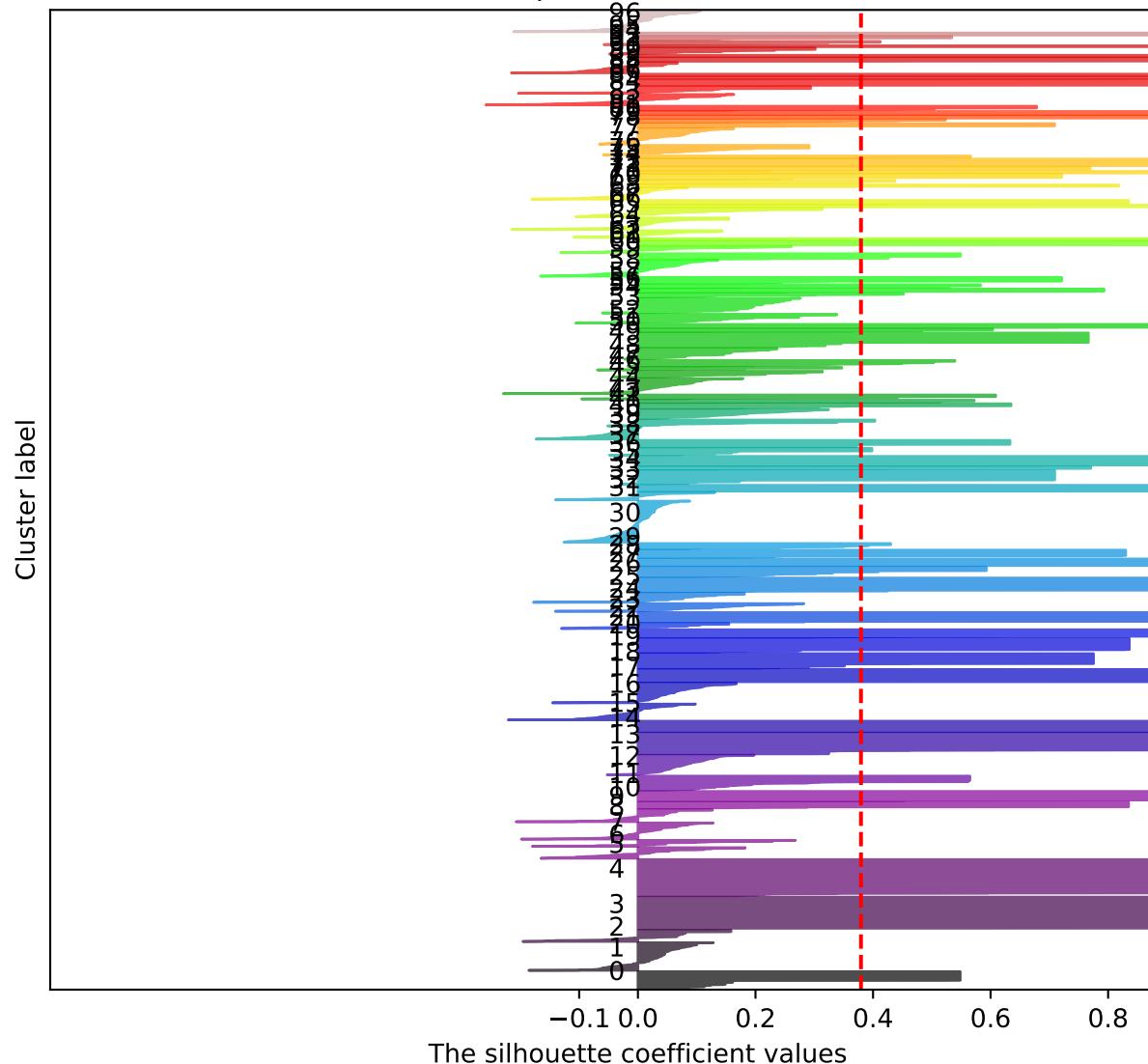


The visualization of the clustered data.

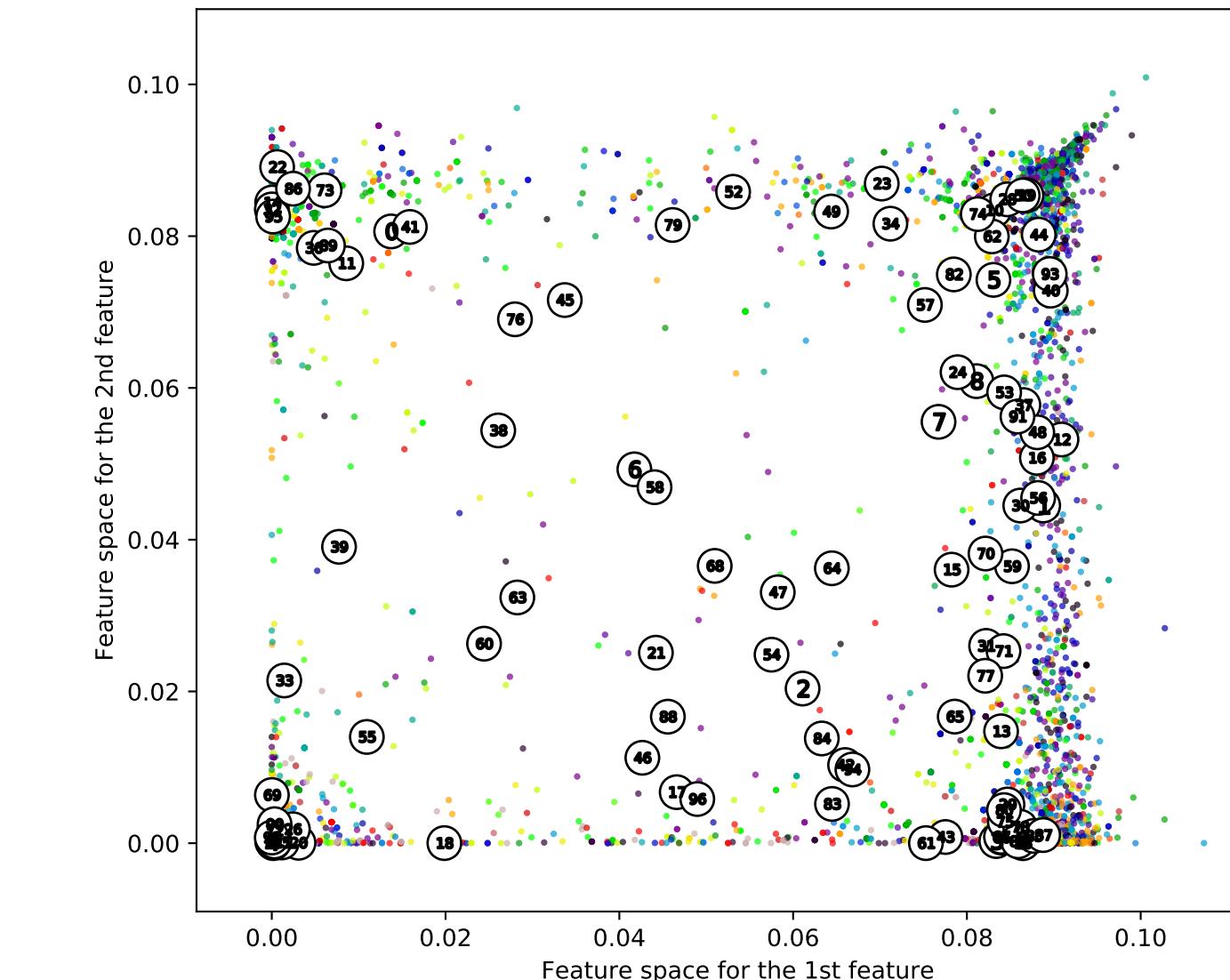


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 97 with Average Silhouette of: 0.3794841170310974

The silhouette plot for the various clusters.

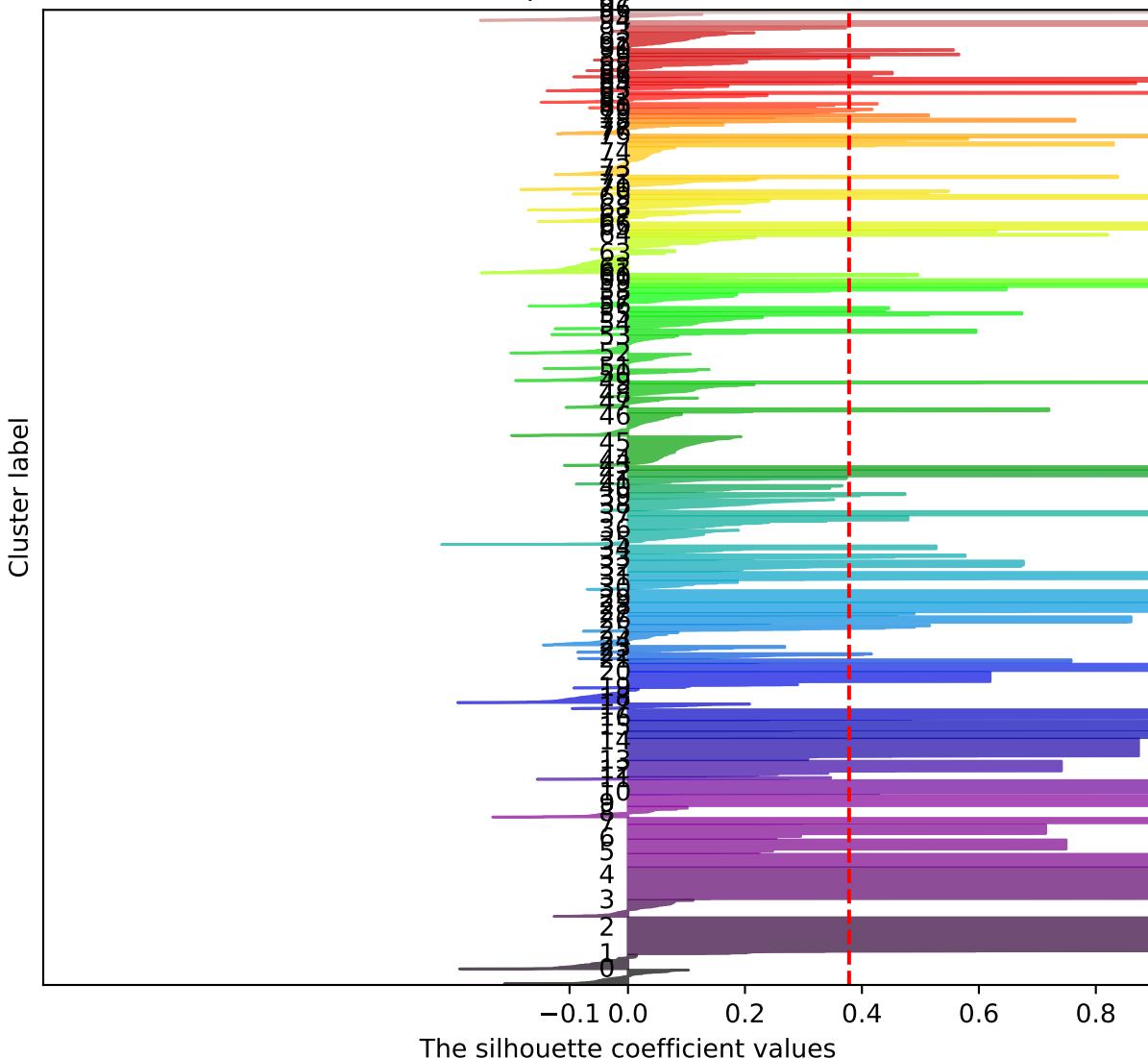


The visualization of the clustered data.

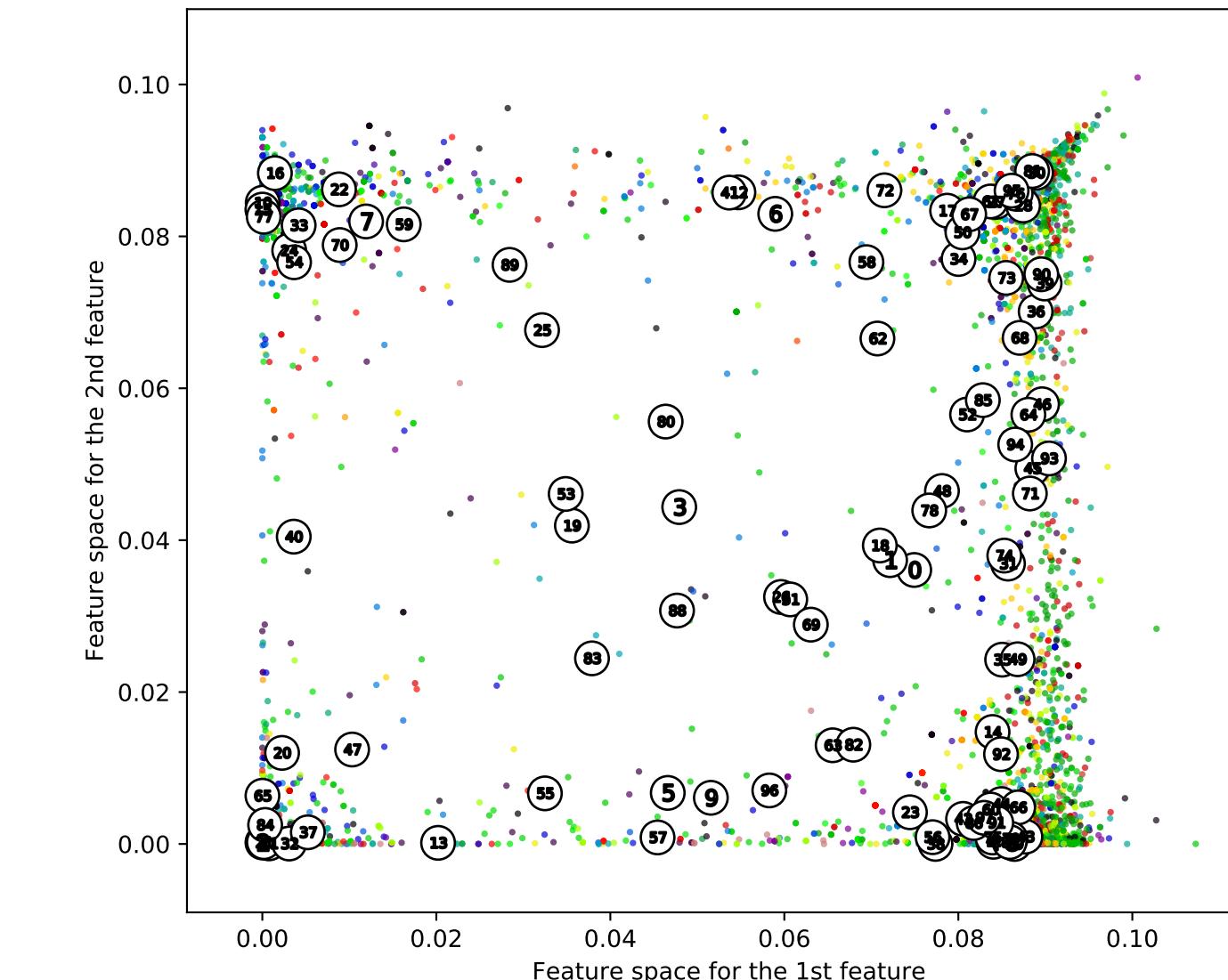


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 98 with Average Silhouette of: 0.3780573904514313

The silhouette plot for the various clusters.

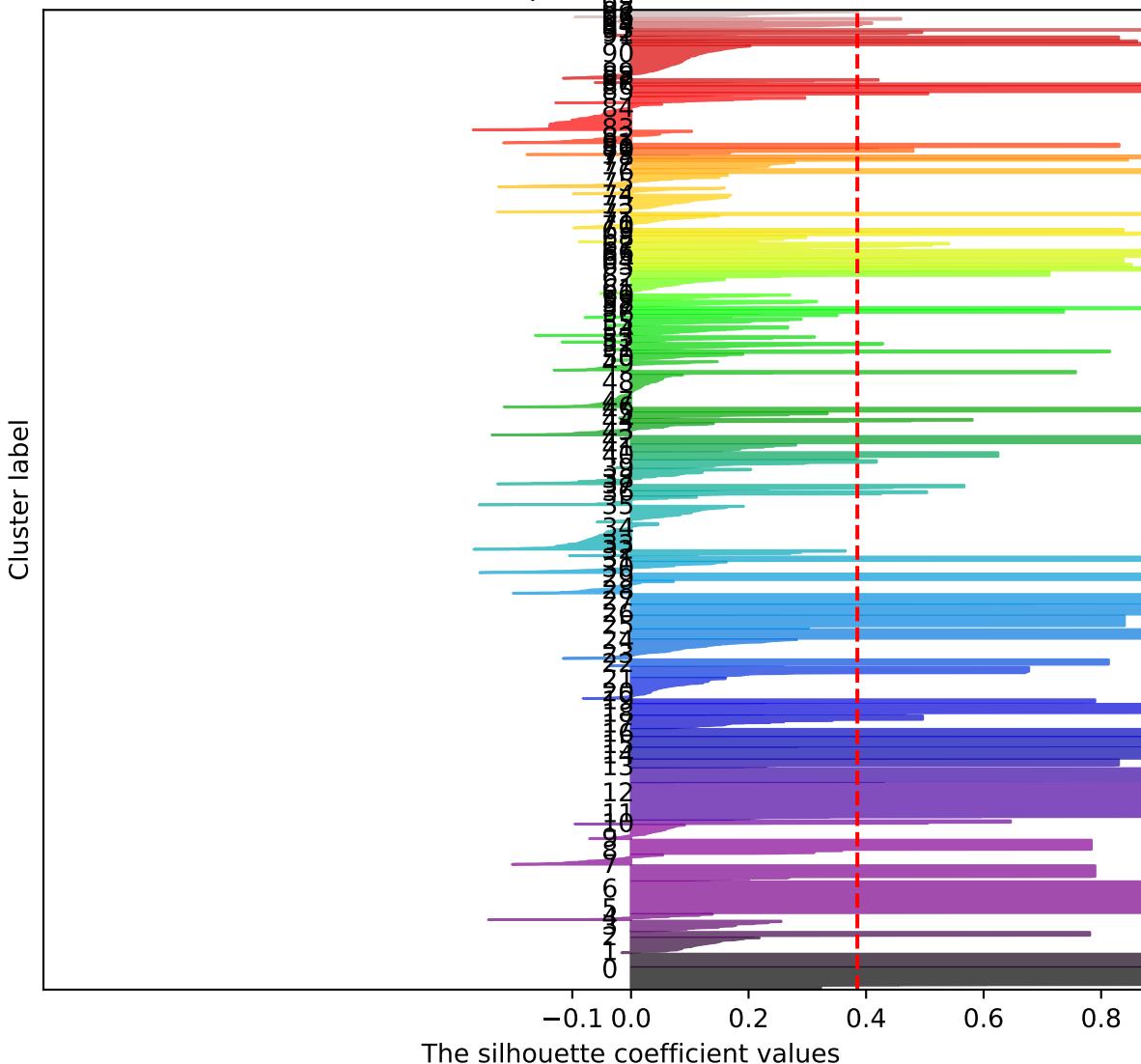


The visualization of the clustered data.

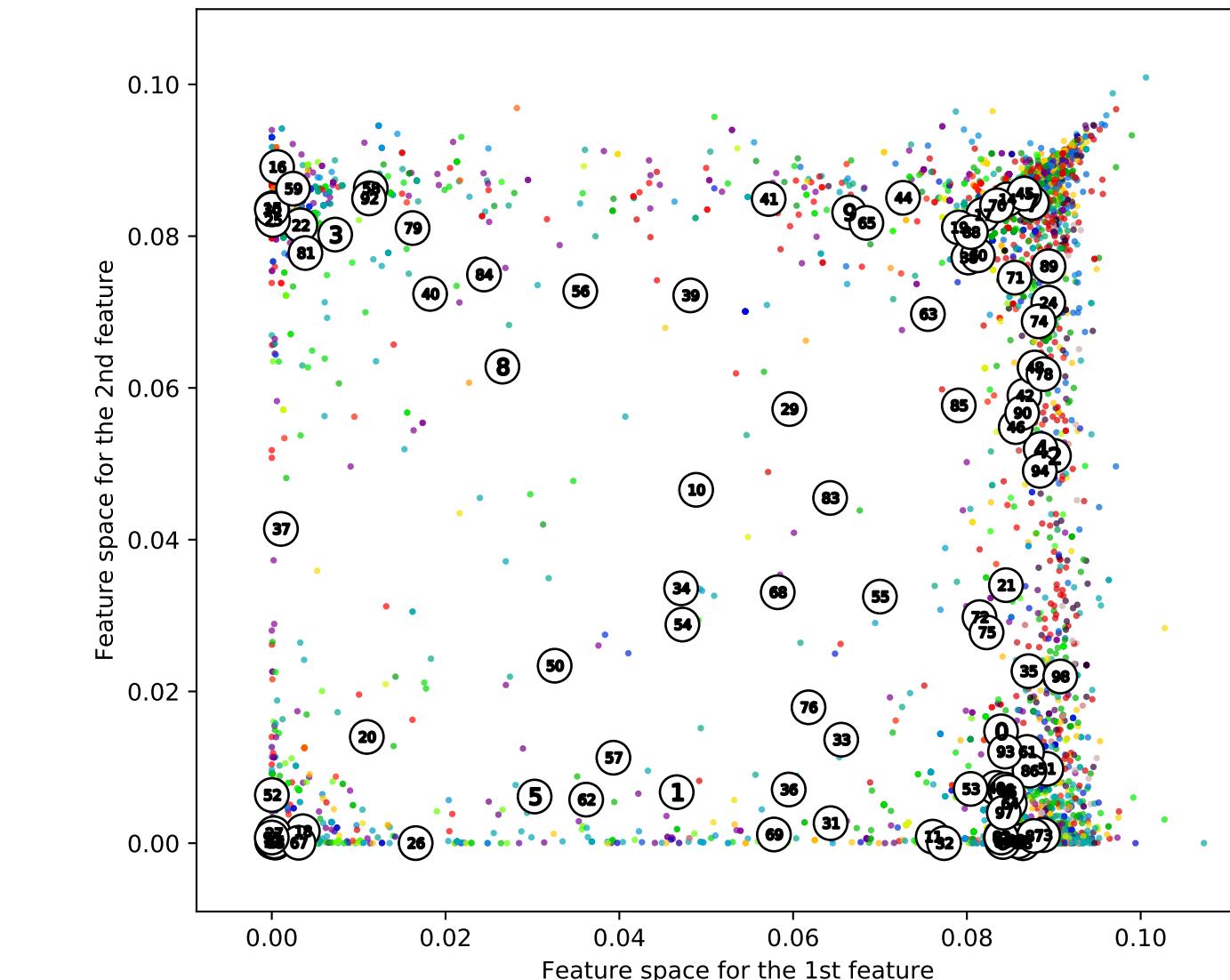


# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 99 with Average Silhouette of: 0.38512516021728516

The silhouette plot for the various clusters.

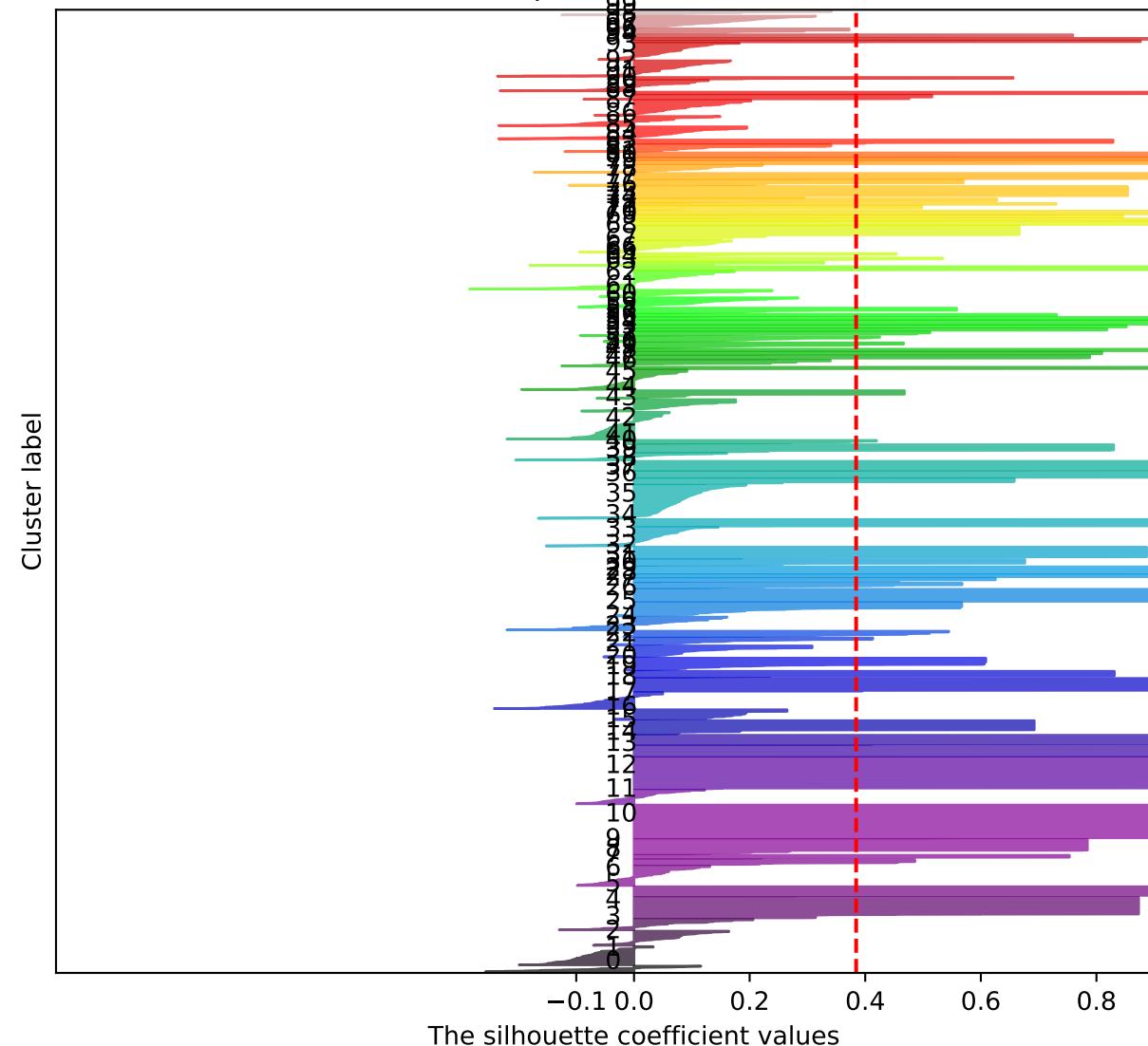


The visualization of the clustered data.



# Silhouette analysis for KMeans clustering on sample data with n\_clusters = 100 with Average Silhouette of: 0.38424959778785706

The silhouette plot for the various clusters.



The visualization of the clustered data.

