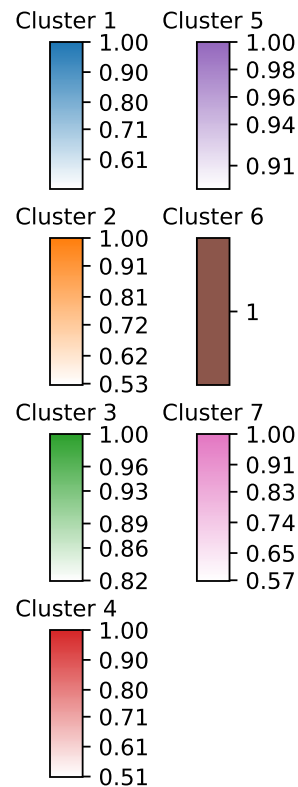
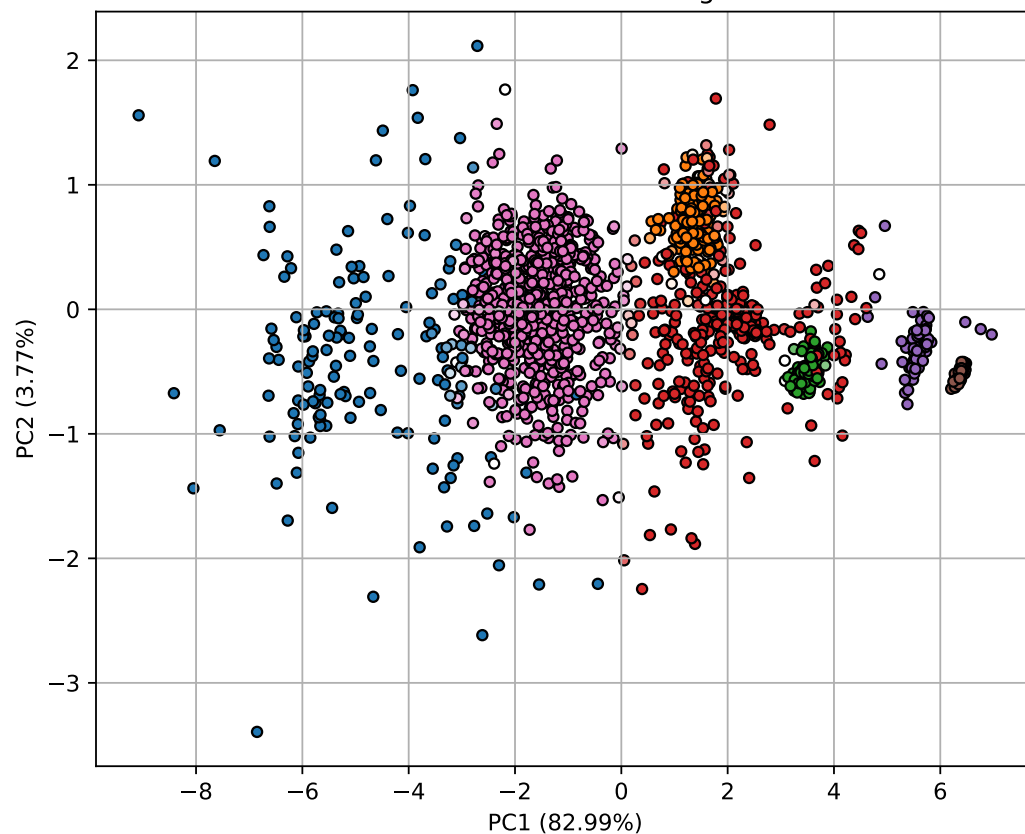
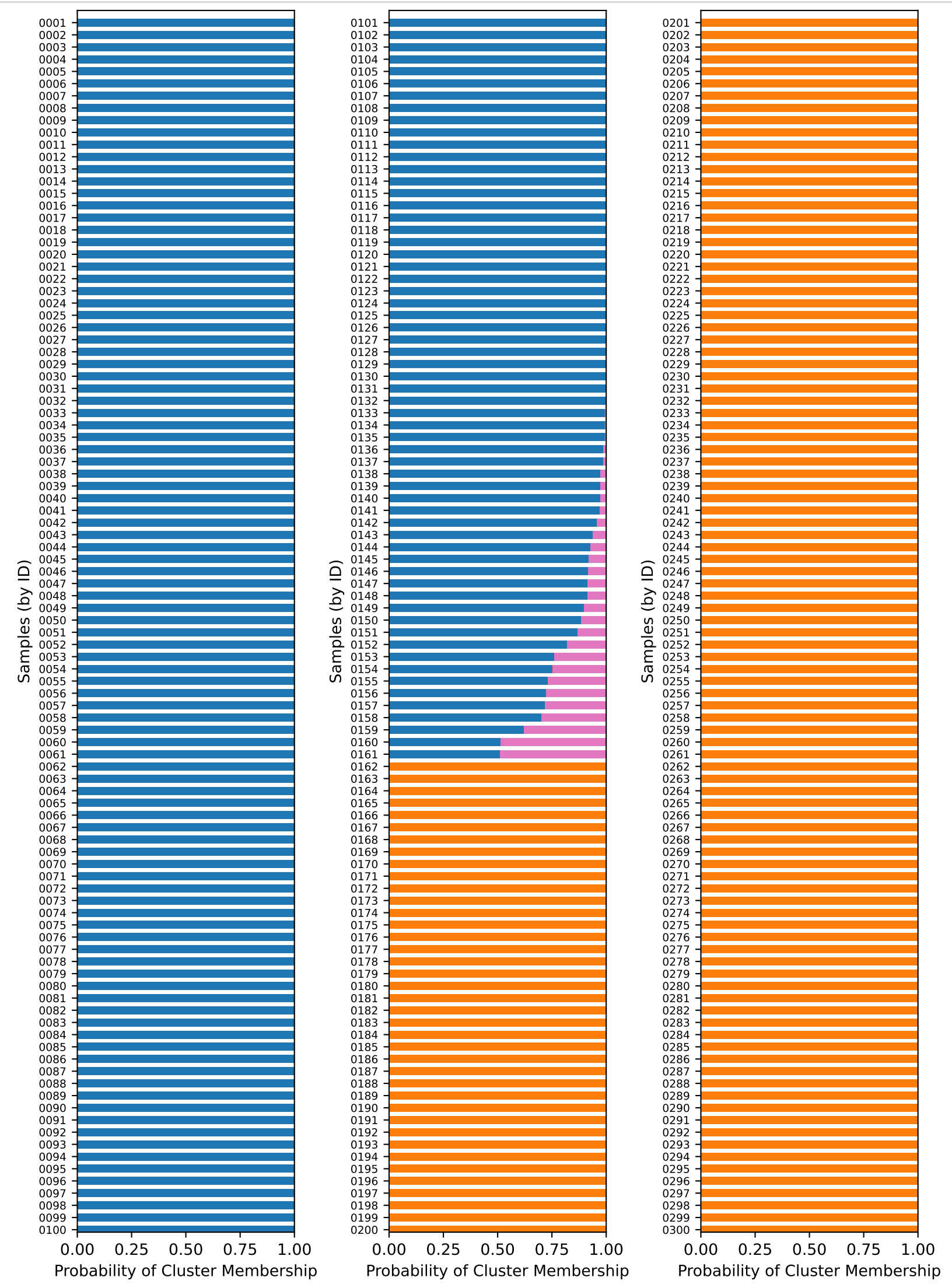


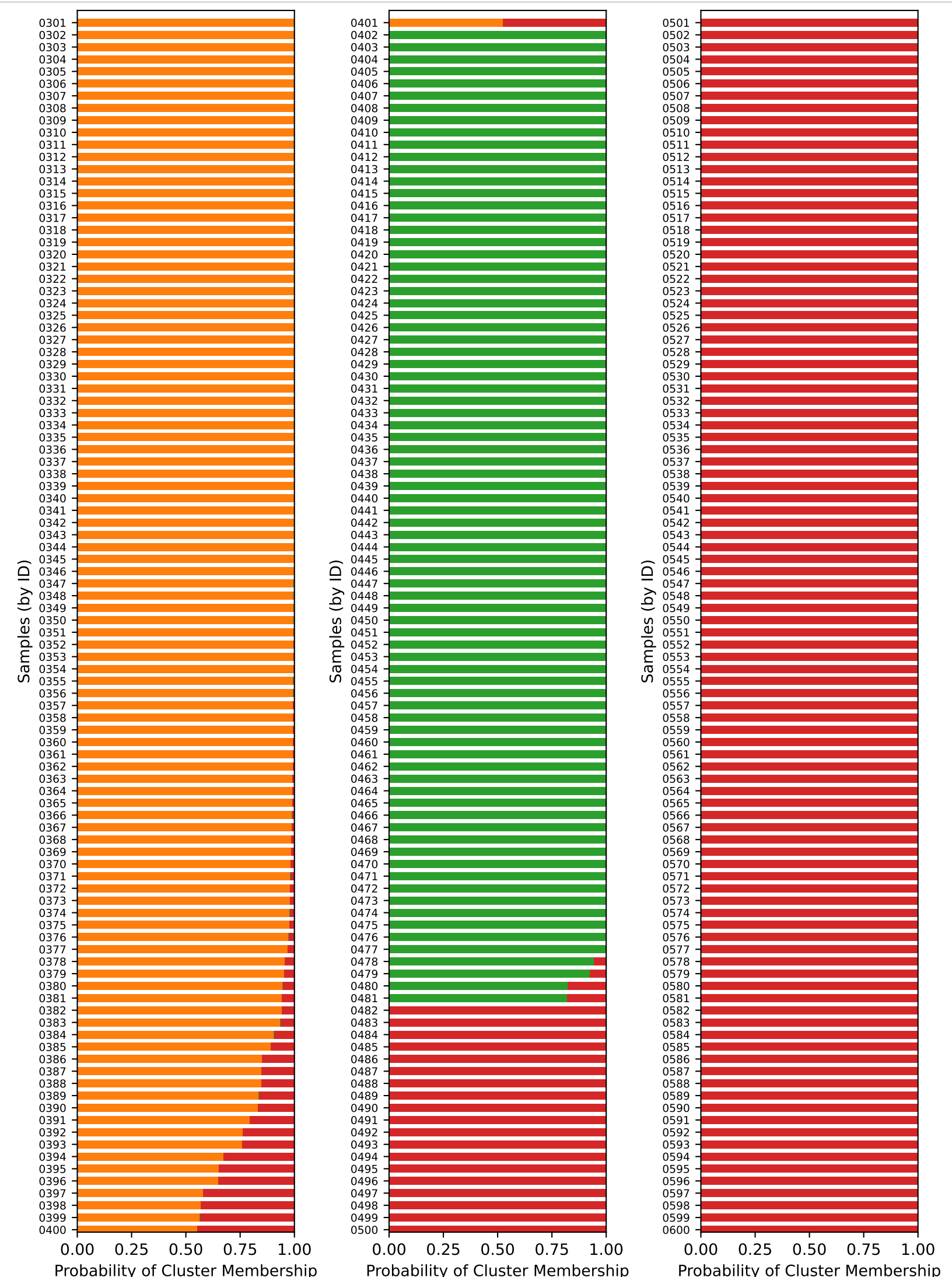
PCA Result Colour Coded
Based on GMM Cluster Assignment



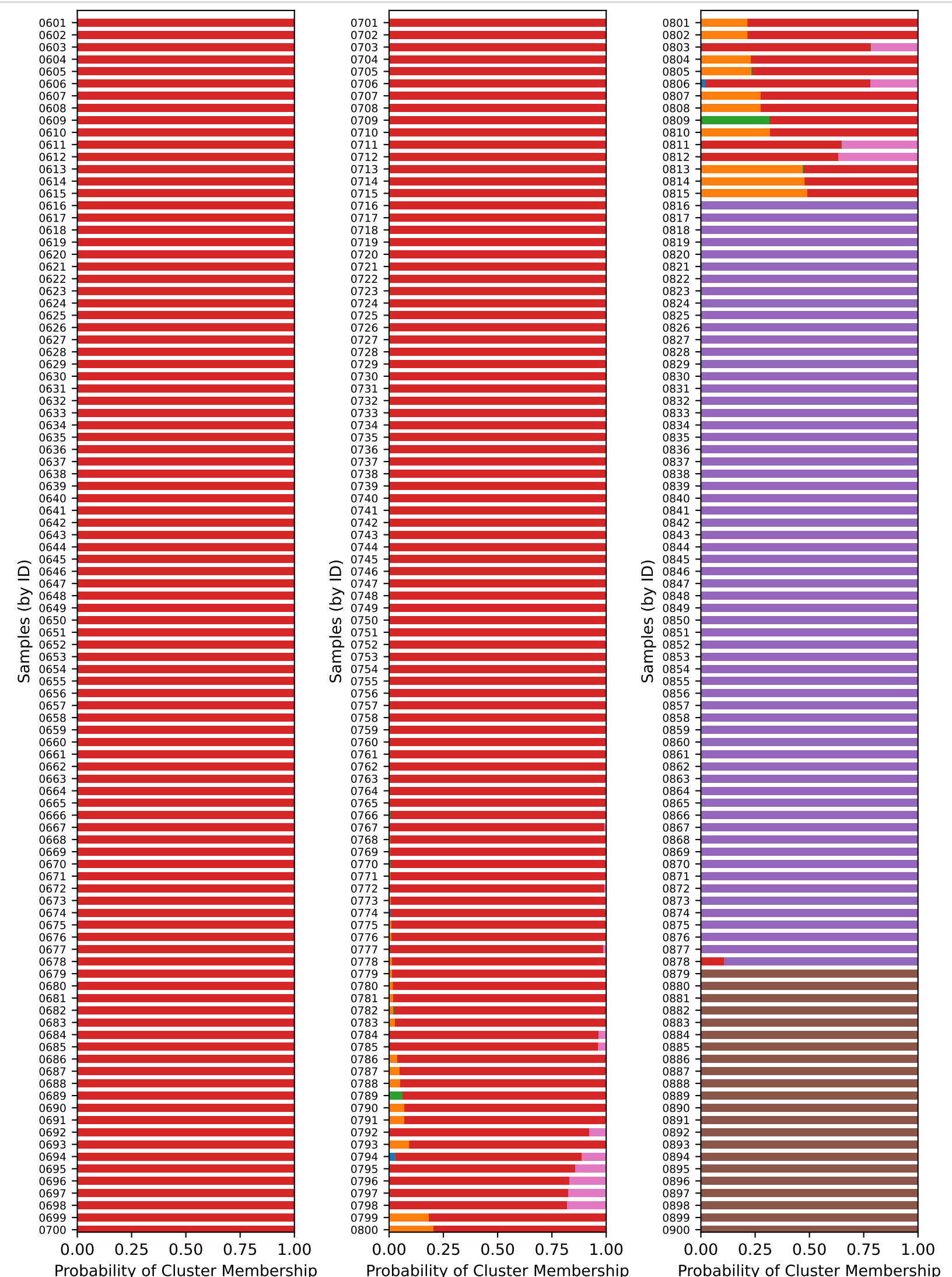
Cluster 1 Cluster 2 Cluster 3 Cluster 4 Cluster 5 Cluster 6 Cluster 7

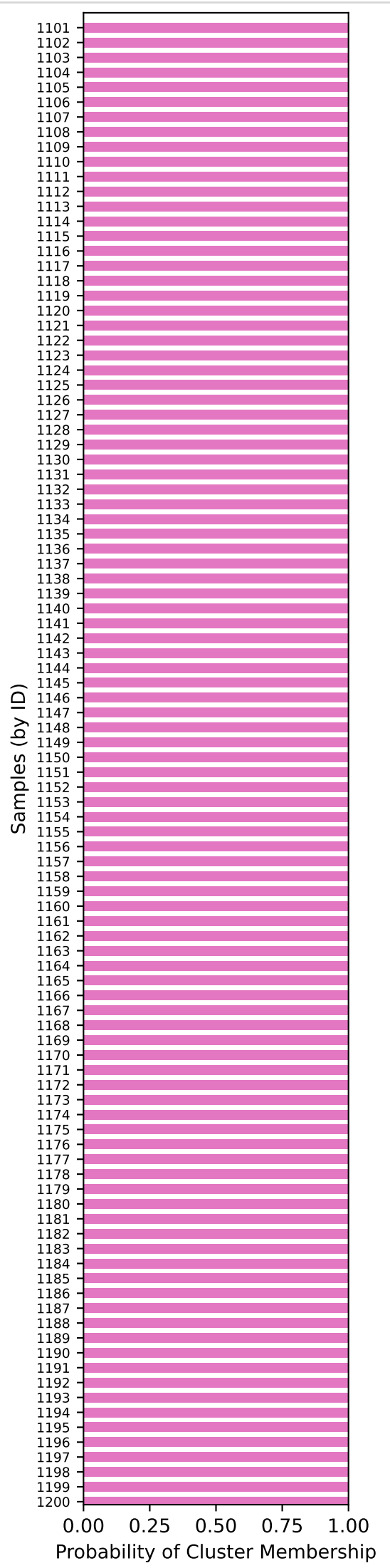
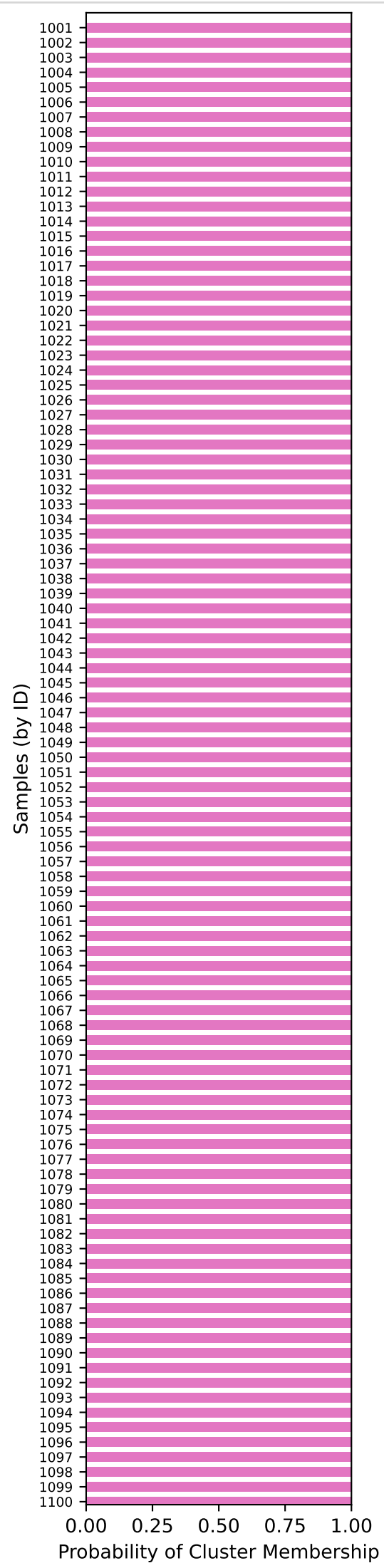


Cluster 1 Cluster 2 Cluster 3 Cluster 4 Cluster 5 Cluster 6 Cluster 7

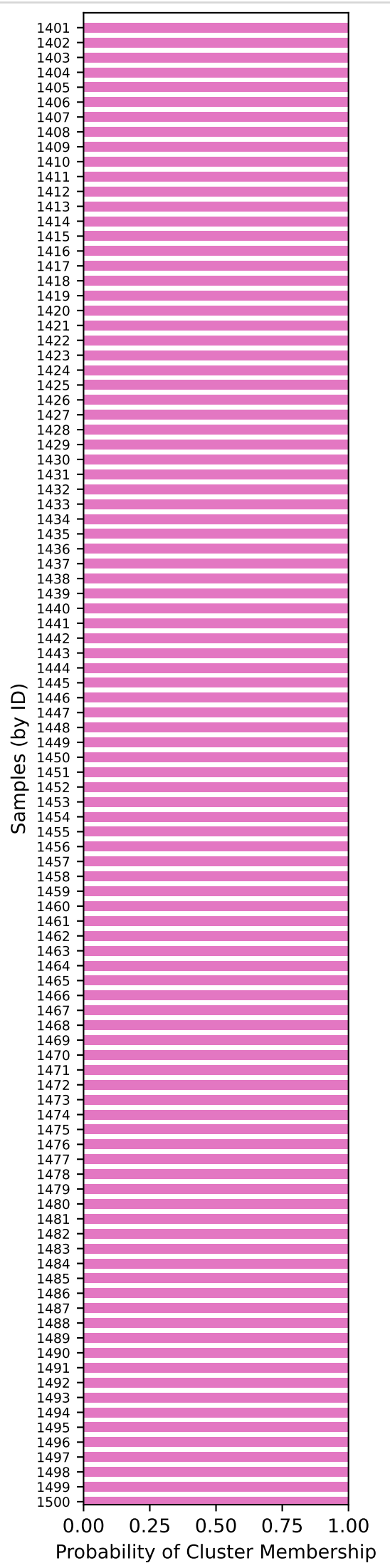
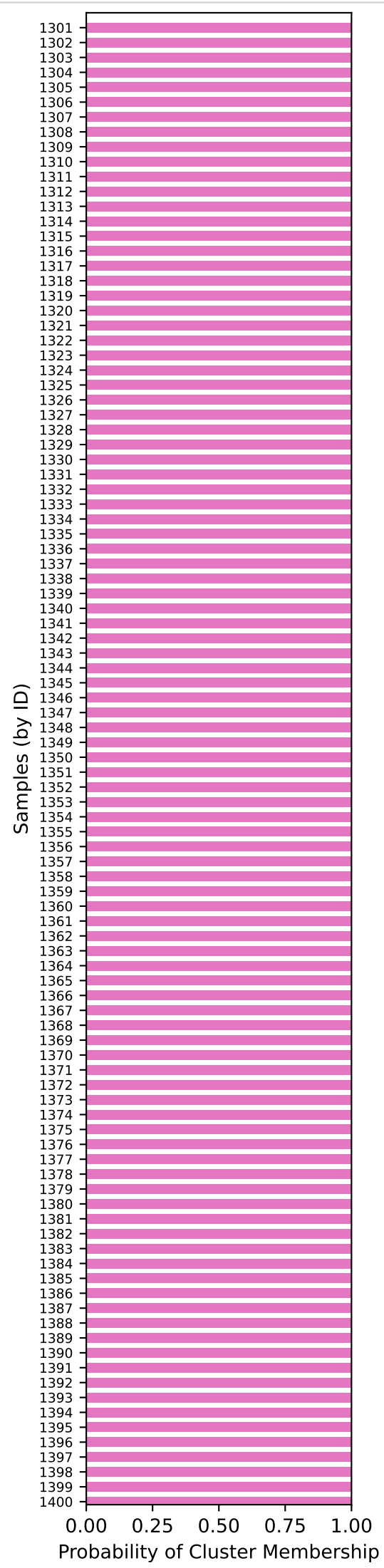
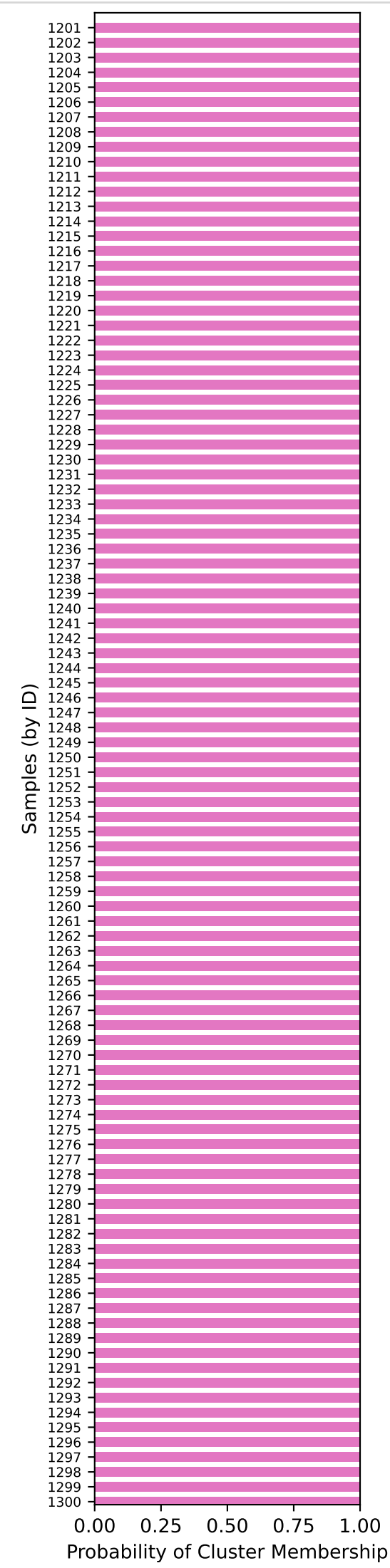


Cluster 1 Cluster 2 Cluster 3 Cluster 4 Cluster 5 Cluster 6 Cluster 7

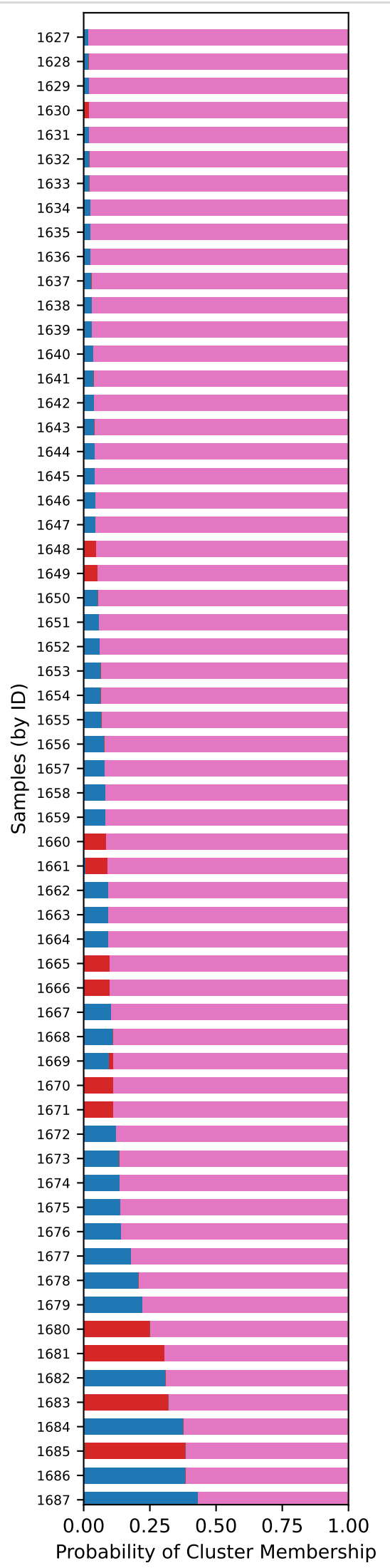
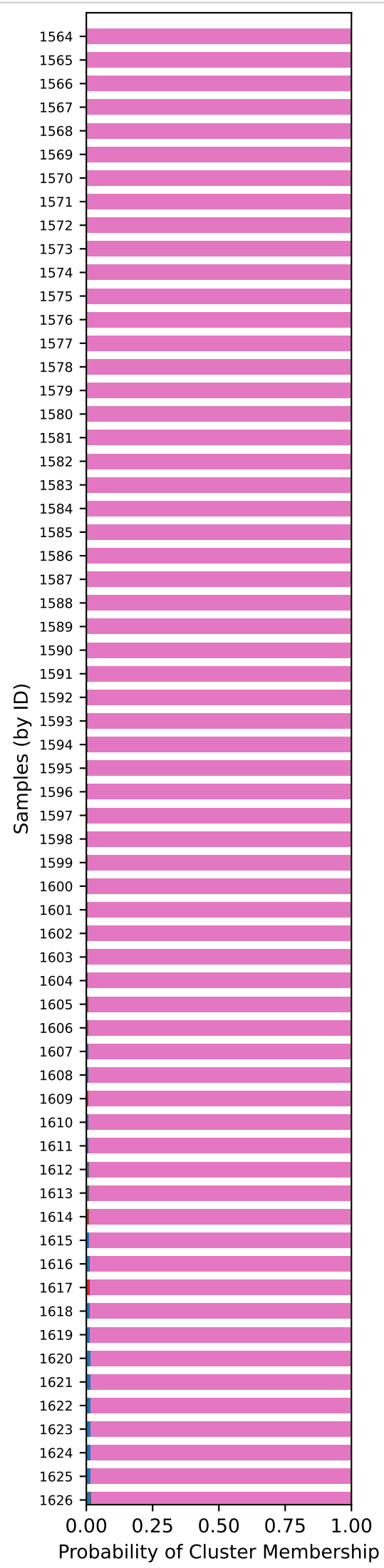
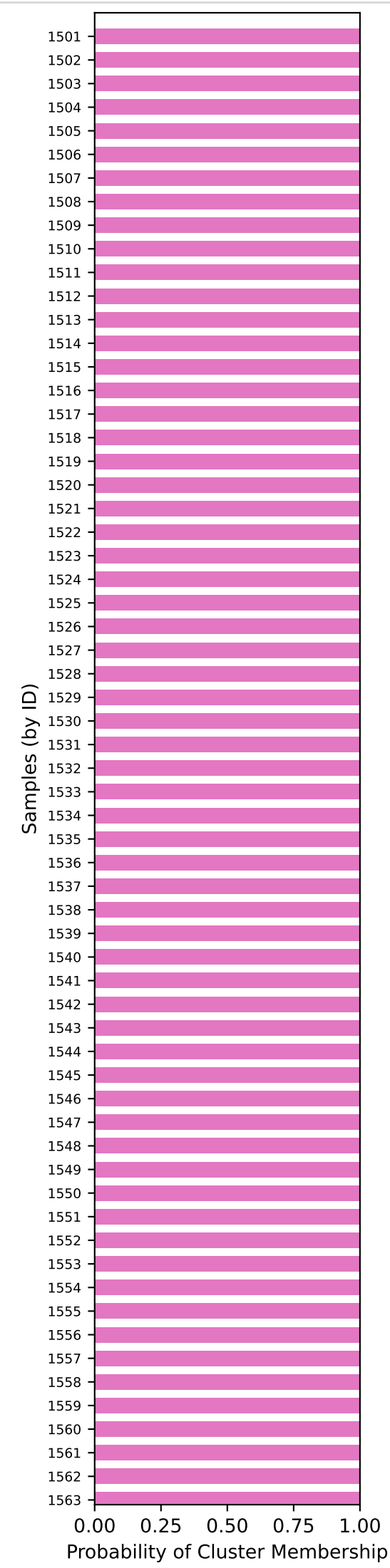




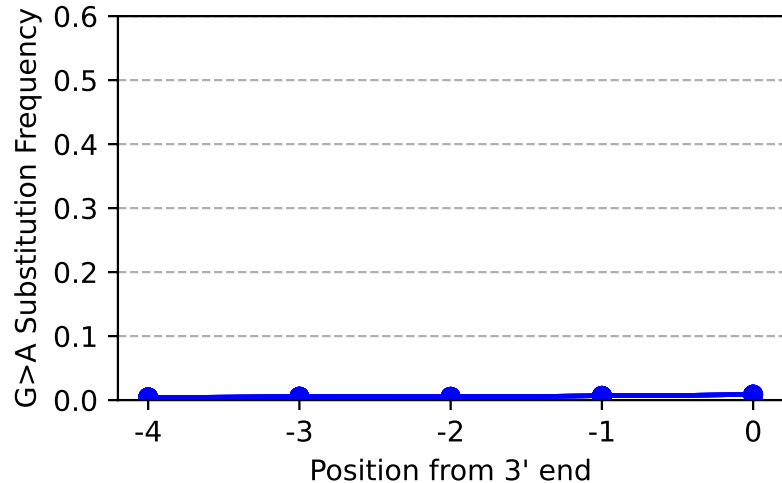
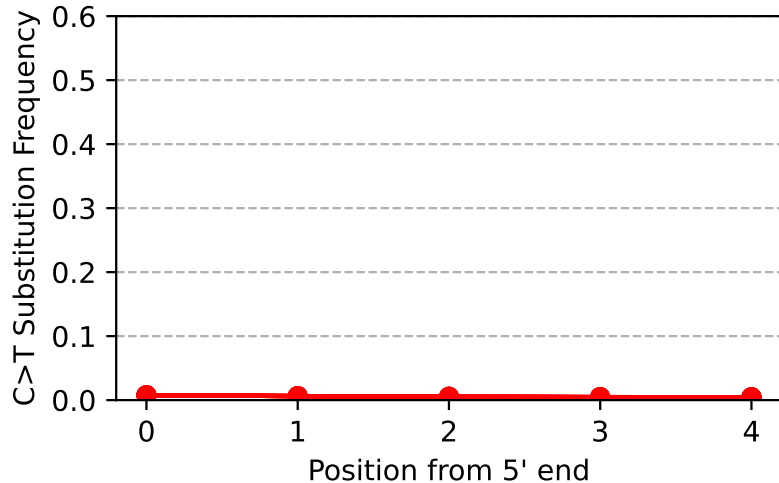
Cluster 1 Cluster 2 Cluster 3 Cluster 4 Cluster 5 Cluster 6 Cluster 7



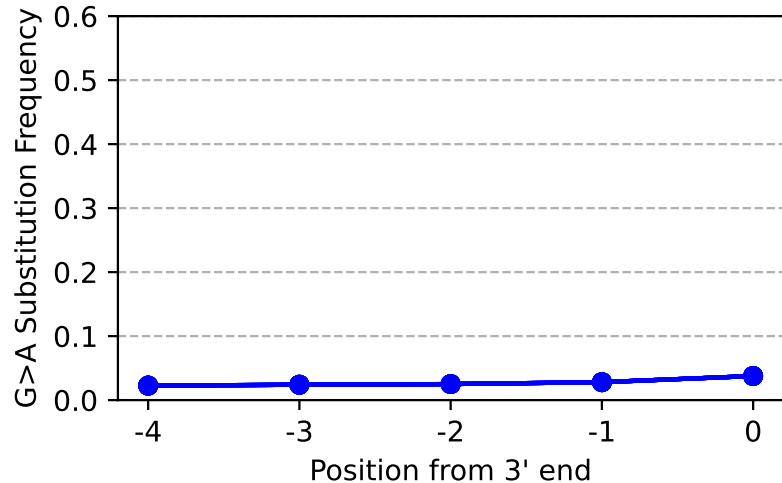
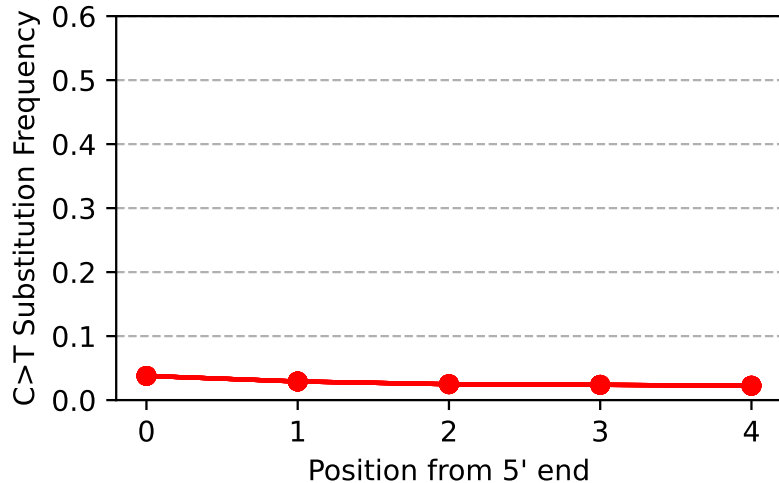
Cluster 1 Cluster 2 Cluster 3 Cluster 4 Cluster 5 Cluster 6 Cluster 7



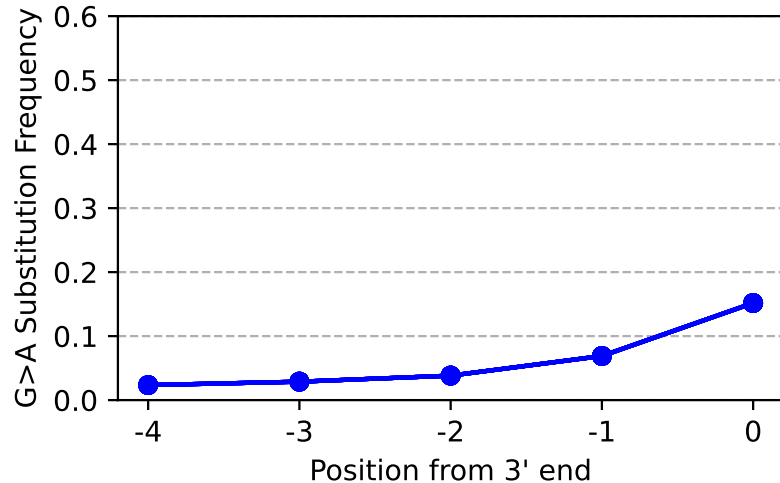
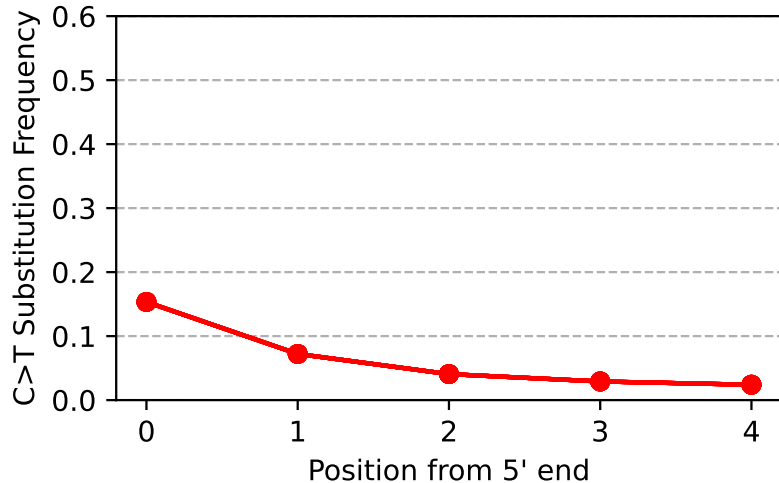
Representative Substitution Frequencies for Cluster 1 (GMM)



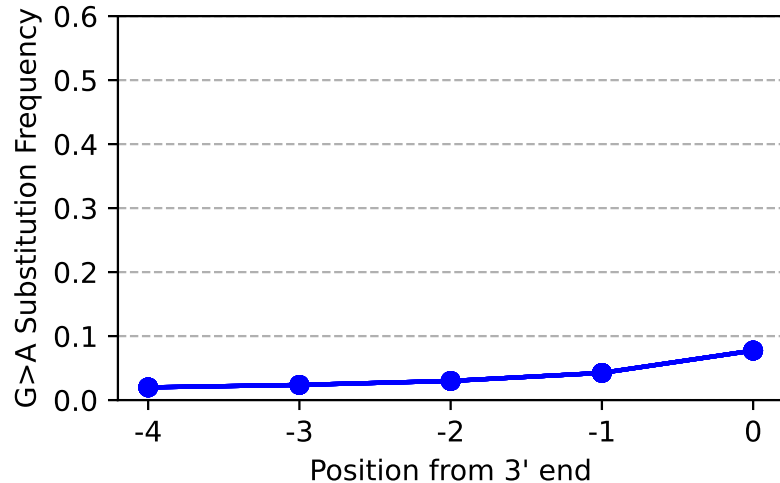
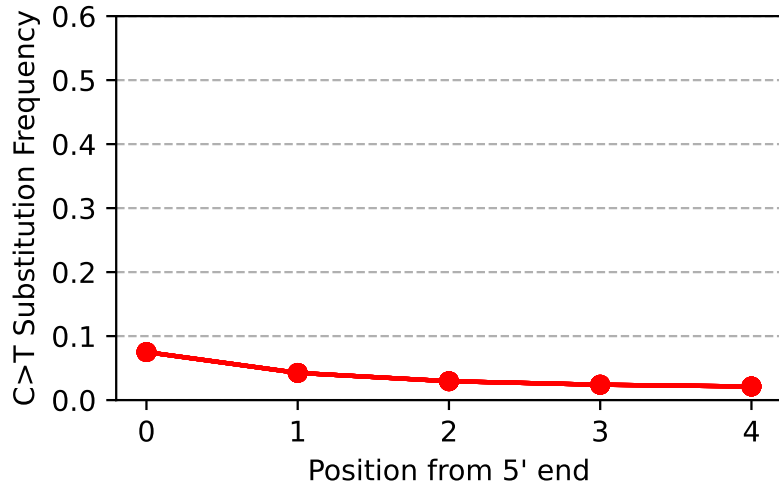
Representative Substitution Frequencies for Cluster 2 (GMM)



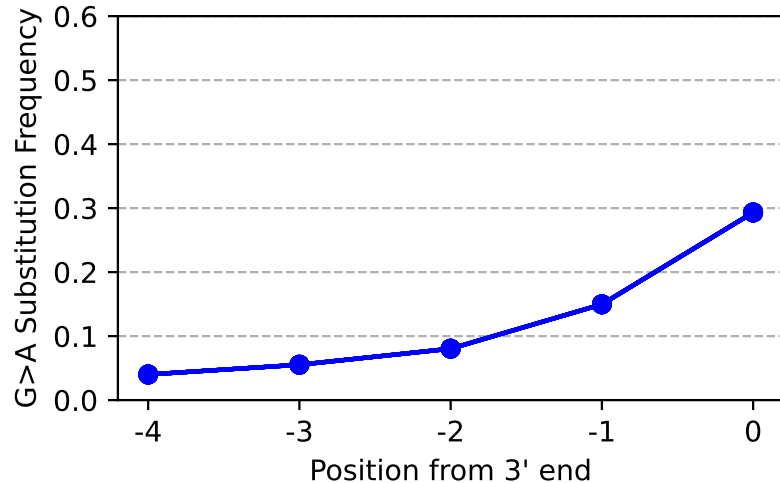
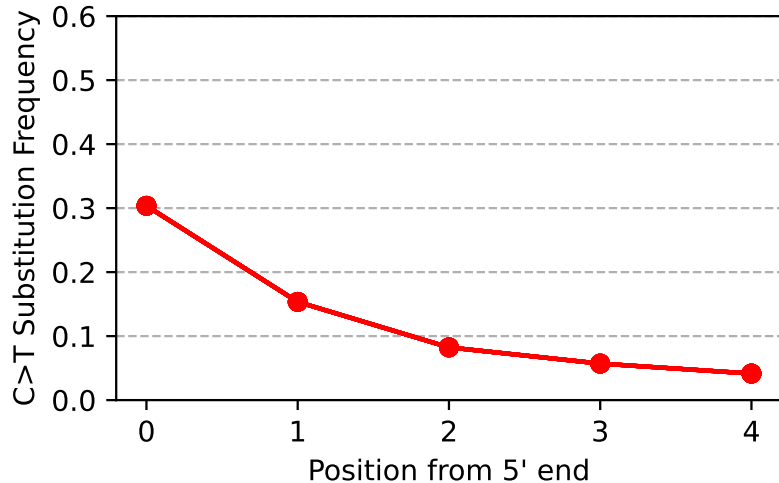
Representative Substitution Frequencies for Cluster 3 (GMM)



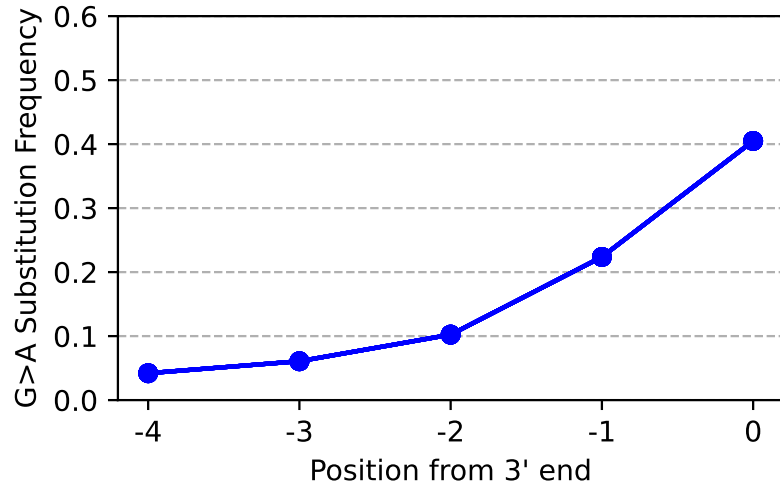
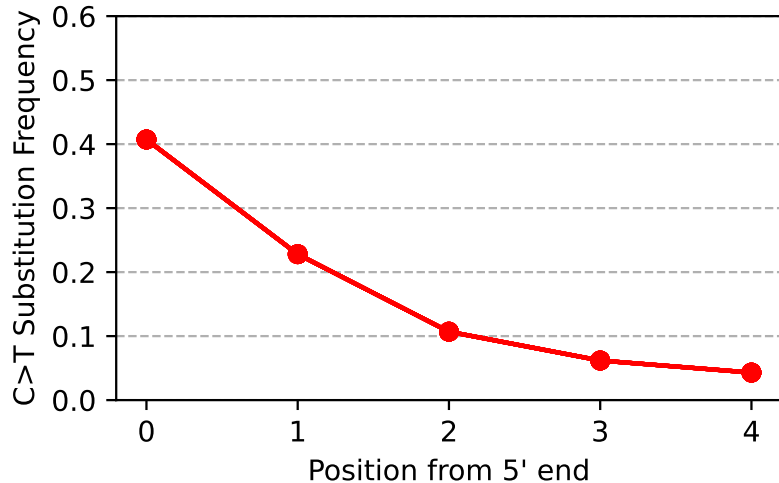
Representative Substitution Frequencies for Cluster 4 (GMM)



Representative Substitution Frequencies for Cluster 5 (GMM)



Representative Substitution Frequencies for Cluster 6 (GMM)



Representative Substitution Frequencies for Cluster 7 (GMM)

