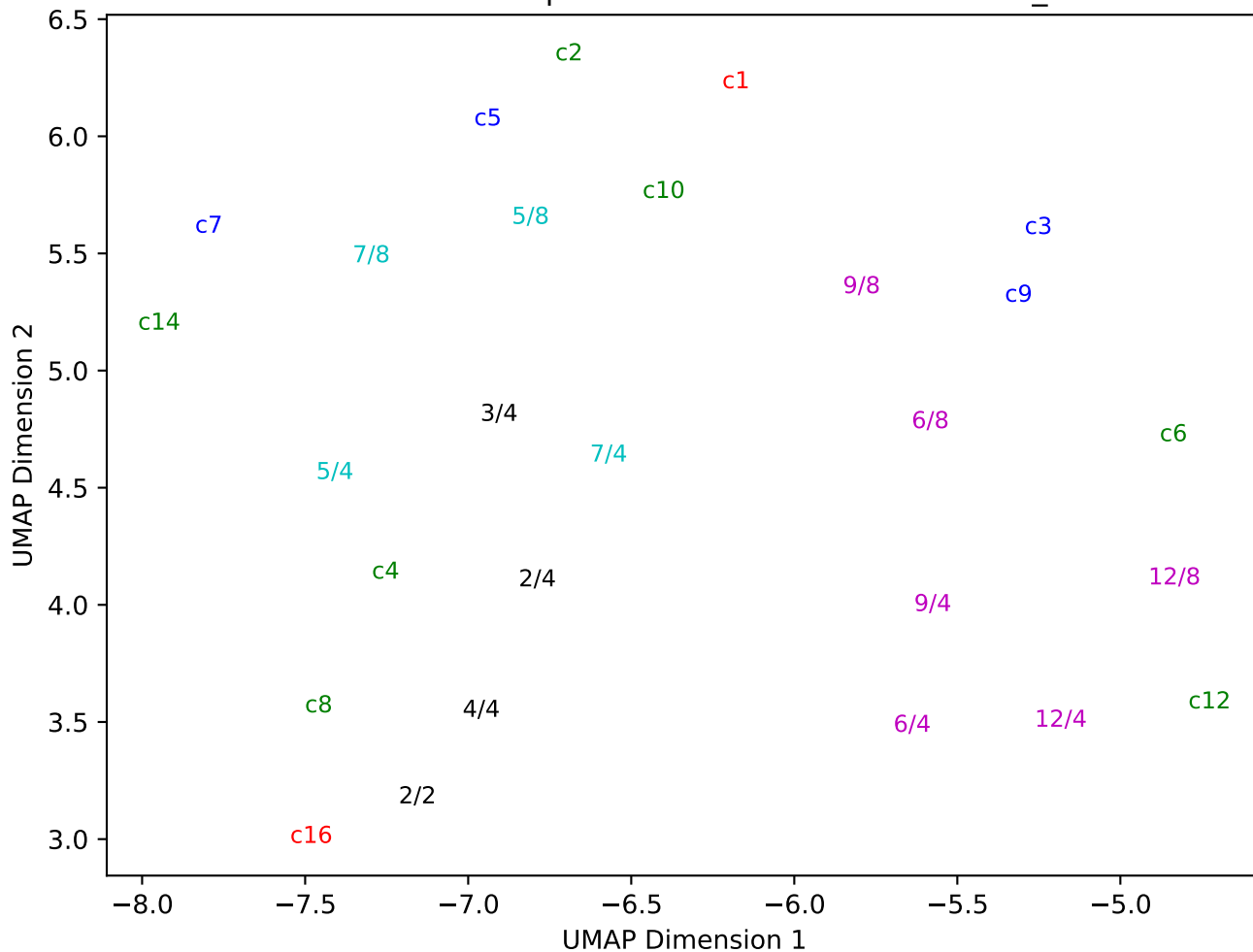


A UMAP plot showing 16 clusters (c1-c16) and 16 rational points (2/2 to 12/8) in a 2D space. The x-axis is labeled 'UMAP Dimension 1' and ranges from -8.0 to -5.0. The y-axis is unlabeled but ranges from 0.0 to 1.0. The clusters are color-coded: c1 (red), c2 (green), c3 (blue), c4 (green), c5 (blue), c6 (green), c7 (blue), c8 (green), c9 (blue), c10 (green), c12 (green), c14 (green), c16 (red), and c17 (blue). The rational points are labeled with fractions: 2/2, 2/4, 3/4, 4/4, 5/4, 5/8, 6/4, 6/8, 7/4, 7/8, 9/4, 9/8, 12/4, 12/8, and 12/16. The points are distributed across the plot, with some clusters (c1, c2, c3, c4, c5, c6, c7, c8, c9, c10, c12, c14, c16, c17) forming distinct groups and others (c11, c13, c15) being more isolated.



Heatmap of Pairwise Euclidean Distances of DFT Complex Numbers (sorted by c6) - EXP\_05c

