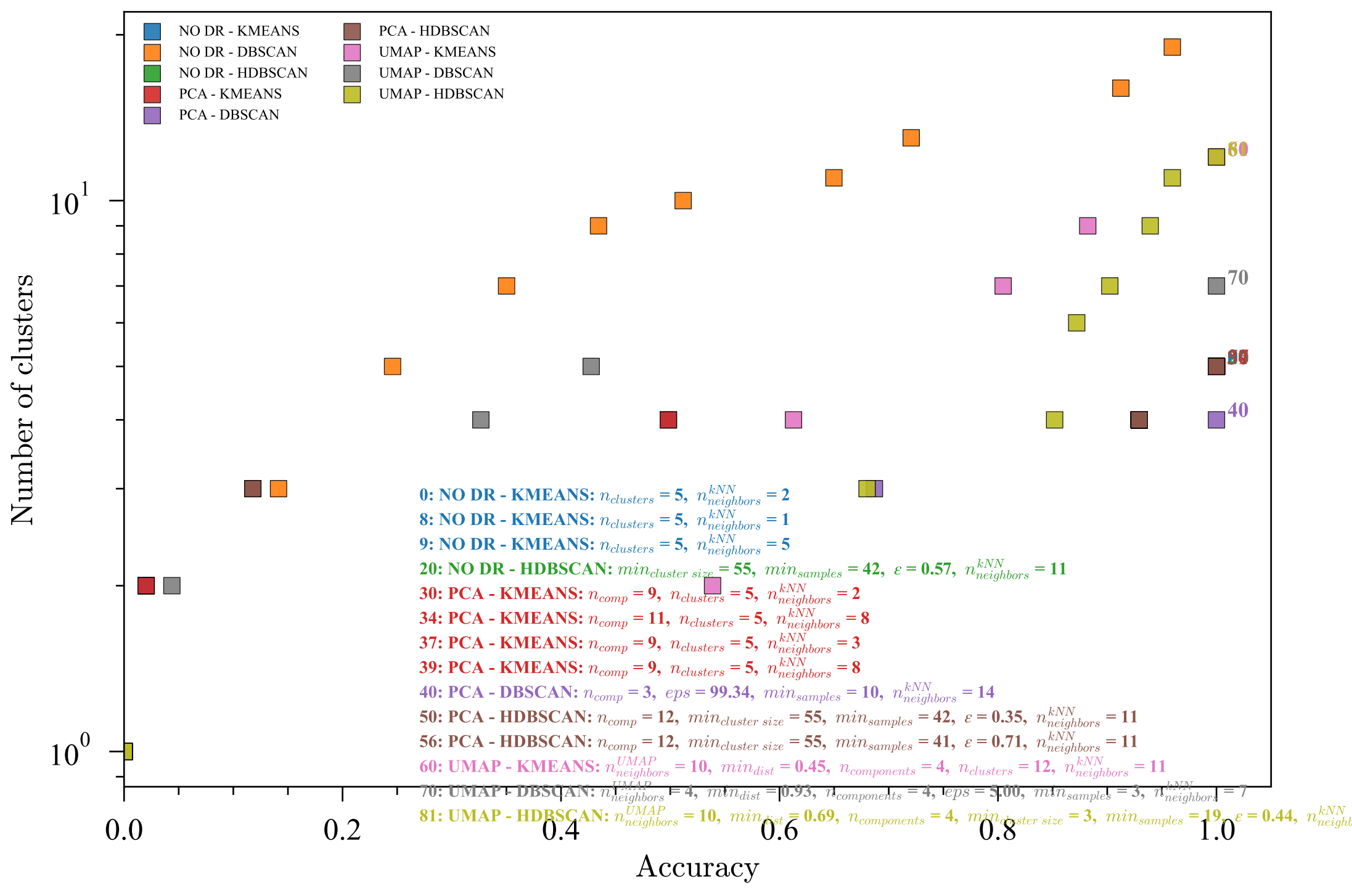
NO DR - KMEANS
NO DR - DBSCAN
NO DR - HDBSCAN
PCA - KMEANS
PCA - DBSCAN
PCA - HDBSCAN
UMAP - KMEANS
UMAP - DBSCAN
UMAP - HDBSCAN
Number of clusters
10^1
10^0
0.0
0.2
0.4
0.6
0.8
1.0
Accuracy
80
70
40
0: NO DR - KMEANS: $n_{clusters} = 5$, $n^{kNN}_{neighbors} = 2$
8: NO DR - KMEANS: $n_{clusters} = 5$, $n^{kNN}_{neighbors} = 1$
9: NO DR - KMEANS: $n_{clusters} = 5$, $n^{kNN}_{neighbors} = 5$
20: NO DR - HDBSCAN: $min_{cluster\ size} = 55$, $min_{samples} = 42$, $\varepsilon = 0.57$, $n^{kNN}_{neighbors} = 11$
30: PCA - KMEANS: $n_{comp} = 9$, $n_{clusters} = 5$, $n^{kNN}_{neighbors} = 2$
34: PCA - KMEANS: $n_{comp} = 11$, $n_{clusters} = 5$, $n^{kNN}_{neighbors} = 8$
37: PCA - KMEANS: $n_{comp} = 9$, $n_{clusters} = 5$, $n^{kNN}_{neighbors} = 3$
39: PCA - KMEANS: $n_{comp} = 9$, $n_{clusters} = 5$, $n^{kNN}_{neighbors} = 8$
40: PCA - DBSCAN: $n_{comp} = 3$, $eps = 99.34$, $min_{samples} = 10$, $n^{kNN}_{neighbors} = 14$
50: PCA - HDBSCAN: $n_{comp} = 12$, $min_{cluster\ size} = 55$, $min_{samples} = 42$, $\varepsilon = 0.35$, $n^{kNN}_{neighbors} = 11$
56: PCA - HDBSCAN: $n_{comp} = 12$, $min_{cluster\ size} = 55$, $min_{samples} = 41$, $\varepsilon = 0.71$, $n^{kNN}_{neighbors} = 11$
60: UMAP - KMEANS: $n^{UMAP}_{neighbors} = 10$, $min_{dist} = 0.45$, $n_{components} = 4$, $n_{clusters} = 12$, $n^{kNN}_{neighbors} = 11$
70: UMAP - DBSCAN: $n^{UMAP}_{neighbors} = 4$, $min_{dist} = 0.93$, $n_{components} = 4$, $eps = 5.00$, $min_{samples} = 3$, $n^{kNN}_{neighbors} = 7$
81: UMAP - HDBSCAN: $n^{UMAP}_{neighbors} = 10$, $min_{dist} = 0.69$, $n_{components} = 4$, $min_{cluster\ size} = 3$, $min_{samples} = 19$, $\varepsilon = 0.44$, n^{kNN}_{neighb}