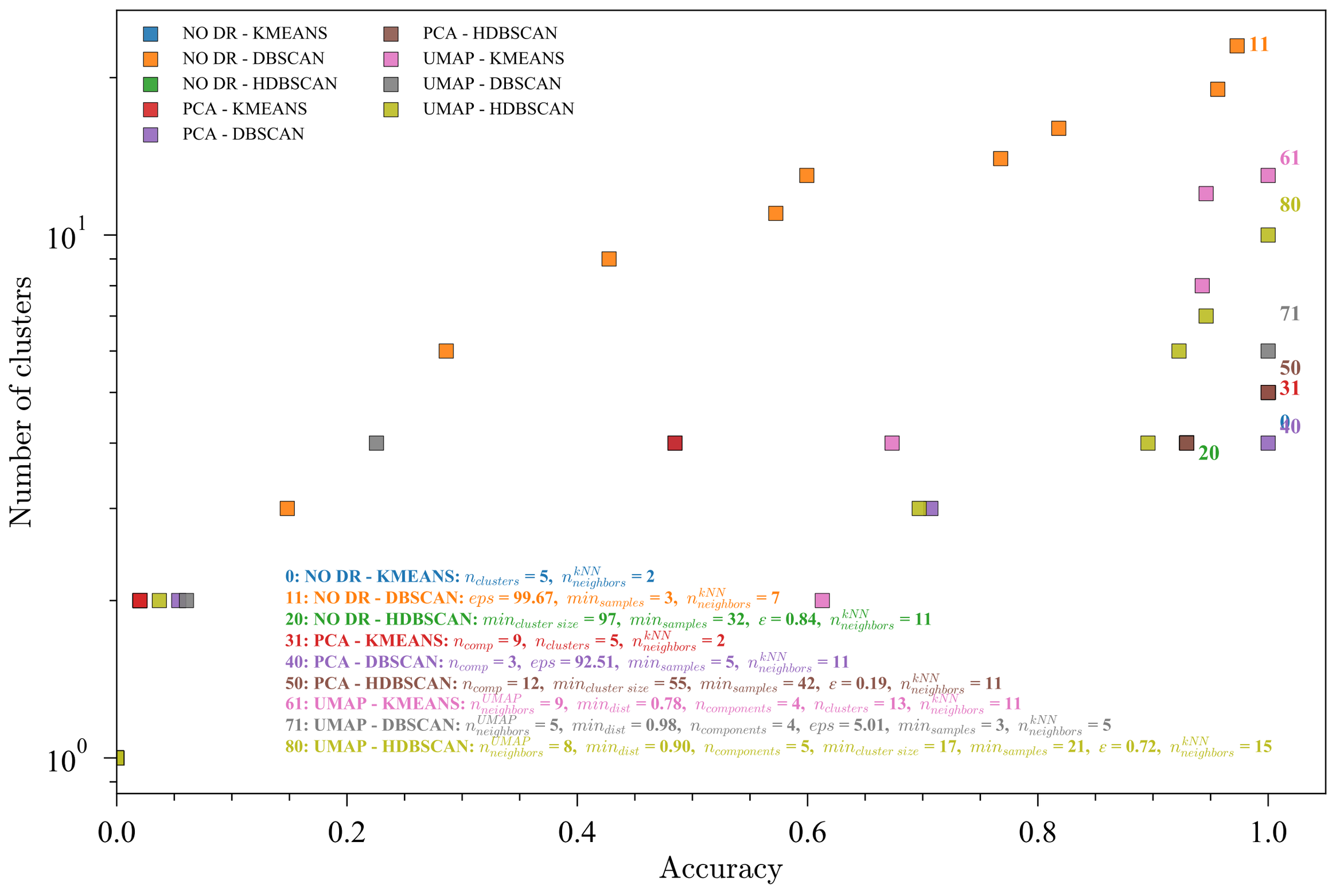
NO DR - KMEANS
NO DR - DBSCAN
NO DR - HDBSCAN
PCA - KMEANS
PCA - DBSCAN
PCA - HDBSCAN
UMAP - KMEANS
UMAP - DBSCAN
UMAP - HDBSCAN
Number of clusters
10^1
10^0
0.0
0.2
0.4
0.6
0.8
1.0
Accuracy
11
61
80
71
50
31
0
40
20
0: NO DR - KMEANS: $n_{clusters} = 5$, $n_{neighbors}^{kNN} = 2$
11: NO DR - DBSCAN: $eps = 99.67$, $min_{samples} = 3$, $n_{neighbors}^{kNN} = 7$
20: NO DR - HDBSCAN: $min_{cluster\ size} = 97$, $min_{samples} = 32$, $\varepsilon = 0.84$, $n_{neighbors}^{kNN} = 11$
31: PCA - KMEANS: $n_{comp} = 9$, $n_{clusters} = 5$, $n_{neighbors}^{kNN} = 2$
40: PCA - DBSCAN: $n_{comp} = 3$, $eps = 92.51$, $min_{samples} = 5$, $n_{neighbors}^{kNN} = 11$
50: PCA - HDBSCAN: $n_{comp} = 12$, $min_{cluster\ size} = 55$, $min_{samples} = 42$, $\varepsilon = 0.19$, $n_{neighbors}^{kNN} = 11$
61: UMAP - KMEANS: $n_{neighbors}^{UMAP} = 9$, $min_{dist} = 0.78$, $n_{components} = 4$, $n_{clusters} = 13$, $n_{neighbors}^{kNN} = 11$
71: UMAP - DBSCAN: $n_{neighbors}^{UMAP} = 5$, $min_{dist} = 0.98$, $n_{components} = 4$, $eps = 5.01$, $min_{samples} = 3$, $n_{neighbors}^{kNN} = 5$
80: UMAP - HDBSCAN: $n_{neighbors}^{UMAP} = 8$, $min_{dist} = 0.90$, $n_{components} = 5$, $min_{cluster\ size} = 17$, $min_{samples} = 21$, $\varepsilon = 0.72$, $n_{neighbors}^{kNN} = 15$