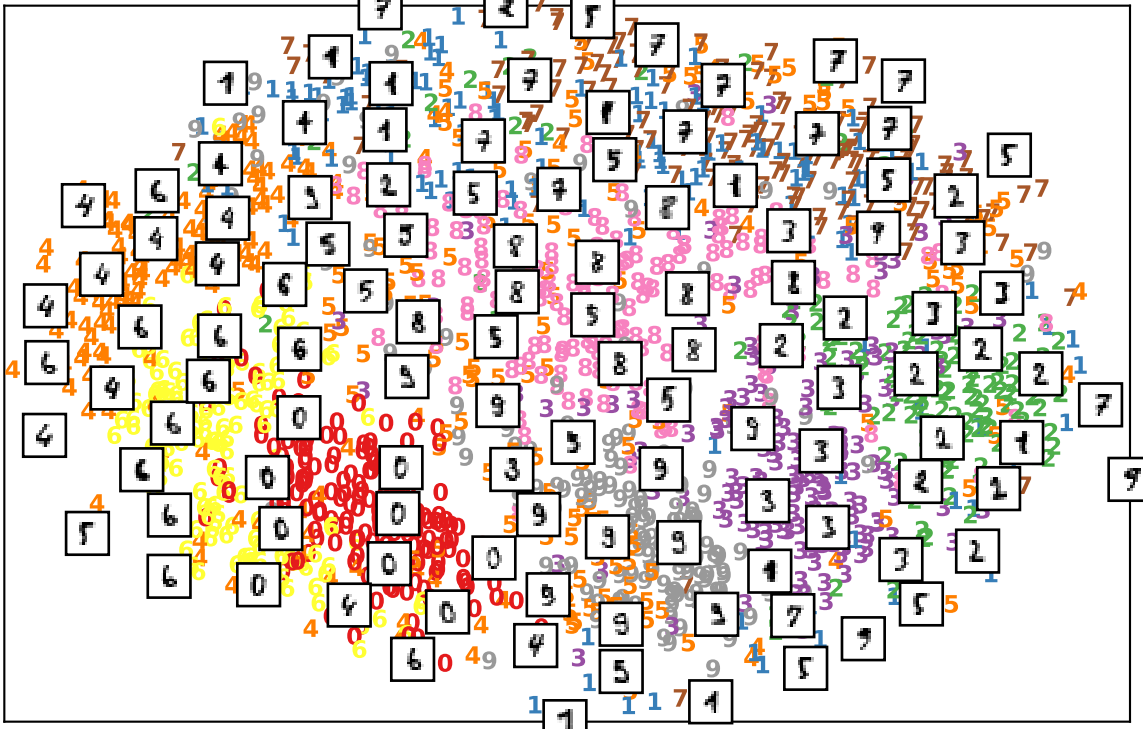MDS embedding