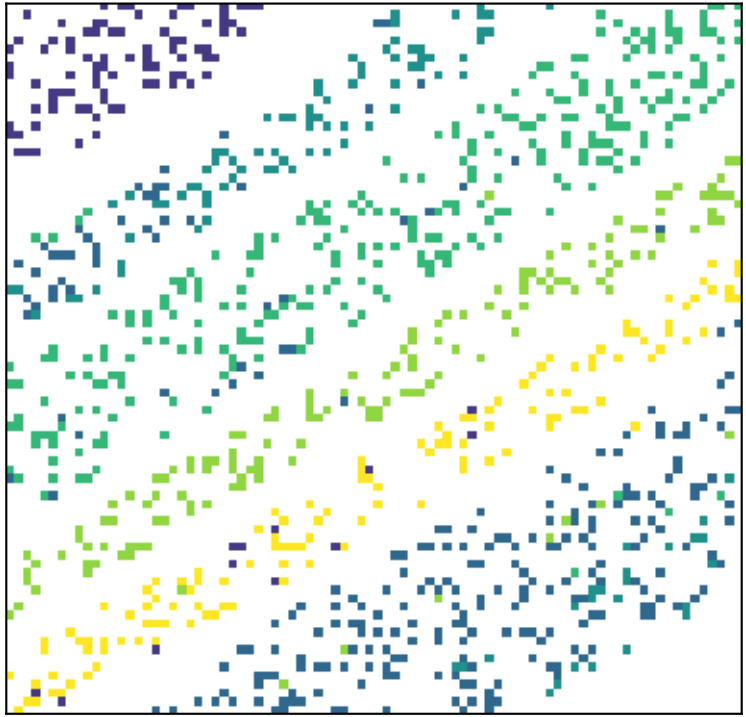Learned labels atoms=30 reg_m=1000 reg=0.1_clusters=30 accuracy=0.89